

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/20/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	151.19	144.40	140.32	142.93	145.98	153.47	179.08	204.54	195.12	174.20	165.18	159.62	152.52	150.27	149.01	154.43	161.19	185.48	196.72	181.66	168.54	156.98	148.99	149.32
24138	10.67	10.10	9.13	9.98	9.93	10.04	9.97	12.66	13.27	13.34	12.80	13.04	10.86	11.01	10.48	10.67	10.03	10.55	11.59	10.37	10.58	9.91	10.02	8.97
	0.00	-3.09	-14.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-26.11	-23.47	-25.89	-27.65	-38.39	-59.02	-61.81	-56.09	-39.01	-34.42	-27.66	-28.27
74TH STREET_GT_1	151.48	144.79	140.67	143.20	146.25	154.19	179.59	204.74	195.31	174.85	165.48	159.92	152.53	150.26	149.01	154.55	161.42	185.60	196.98	181.89	168.78	157.20	149.21	149.76
24260	10.96	10.50	9.48	10.24	10.20	10.76	10.48	12.86	13.46	13.99	13.10	13.34	10.86	11.00	10.48	10.80	10.26	10.66	11.84	10.60	10.82	10.14	10.24	9.41
	0.00	-3.10	-14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-26.12	-23.47	-25.89	-27.66	-38.40	-59.03	-61.82	-56.10	-39.02	-34.42	-27.66	-28.27
74TH STREET_GT_2	151.48	144.79	140.67	143.20	146.25	154.19	179.59	204.74	195.31	174.85	165.48	159.92	152.53	150.26	149.01	154.55	161.42	185.60	196.98	181.89	168.78	157.20	149.21	149.76
24261	10.96	10.50	9.48	10.24	10.20	10.76	10.48	12.86	13.46	13.99	13.10	13.34	10.86	11.00	10.48	10.80	10.26	10.66	11.84	10.60	10.82	10.14	10.24	9.41
	0.00	-3.10	-14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-26.12	-23.47	-25.89	-27.66	-38.40	-59.03	-61.82	-56.10	-39.02	-34.42	-27.66	-28.27
ADK HUDSON___FALLS	153.44	147.30	145.64	145.72	148.97	158.06	186.36	211.64	200.22	177.26	167.31	160.36	159.24	155.85	155.46	162.03	172.34	201.98	214.03	197.39	179.80	166.87	156.34	157.61
24011	12.93	12.20	10.76	12.76	12.92	14.63	17.25	19.76	18.37	16.41	14.93	13.78	10.86	10.54	10.25	11.15	11.28	11.82	12.95	11.63	11.78	10.93	10.24	9.97
	0.00	-3.90	-17.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.82	-29.53	-32.57	-34.79	-48.30	-74.25	-77.76	-70.56	-49.08	-43.30	-34.80	-35.56
ADK RESOURCE___RCVRY	154.14	147.96	146.24	146.53	149.78	159.21	187.88	213.56	201.86	178.55	168.37	161.38	160.06	156.68	156.15	162.87	173.16	202.95	215.05	198.24	180.65	167.57	157.03	158.31
23798	13.63	12.86	11.35	13.57	13.74	15.78	18.77	21.68	20.00	17.69	16.00	14.80	11.67	11.35	10.92	11.96	12.07	12.75	13.93	12.44	12.60	11.60	10.91	10.65
	0.00	-3.90	-17.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.84	-29.54	-32.59	-34.81	-48.32	-74.29	-77.80	-70.60	-49.11	-43.32	-34.82	-35.58
ADK S GLENS___FALLS	153.44	147.30	145.64	145.72	148.97	158.06	186.36	211.64	200.22	177.26	167.31	160.36	159.24	155.85	155.46	162.03	172.34	201.98	214.03	197.39	179.80	166.87	156.34	157.61
24028	12.93	12.20	10.76	12.76	12.92	14.63	17.25	19.76	18.37	16.41	14.93	13.78	10.86	10.54	10.25	11.15	11.28	11.82	12.95	11.63	11.78	10.93	10.24	9.97
	0.00	-3.90	-17.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.82	-29.53	-32.57	-34.79	-48.30	-74.25	-77.76	-70.56	-49.08	-43.30	-34.80	-35.56
ADK_NYS___DAM	149.23	144.01	142.46	142.40	145.43	152.90	179.25	203.59	192.58	171.00	161.67	155.82	155.05	151.99	151.58	157.87	167.82	196.30	207.89	192.19	175.21	162.74	152.98	153.87
23527	8.72	9.05	8.19	9.44	9.38	9.46	10.15	11.71	10.73	10.14	9.30	9.24	7.74	7.64	7.43	8.12	8.34	8.58	9.37	8.75	8.80	8.22	8.02	7.40
	0.00	-3.77	-17.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.75	-28.56	-31.50	-33.65	-46.71	-71.81	-75.20	-68.24	-47.47	-41.88	-33.65	-34.39
AIR_PRODUCTS___DRP	146.14	139.57	138.43	137.88	140.67	147.88	173.00	196.49	186.22	165.52	157.10	151.42	151.56	148.59	148.17	153.09	162.31	190.59	201.57	186.16	169.04	157.23	147.94	149.93
24190	5.62	4.59	4.09	4.92	4.63	4.45	3.89	4.61	4.36	4.66	4.72	4.84	4.16	4.17	3.94	3.25	2.71	2.67	2.84	2.53	2.50	2.59	2.89	3.36
	0.00	-3.78	-17.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.84	-28.64	-31.59	-33.74	-46.84	-72.01	-75.41	-68.43	-47.60	-41.99	-33.75	-34.49
AKWESSNE_115KV_BK	137.00	127.52	113.37	129.50	133.33	140.85	168.26	190.73	180.76	158.44	150.09	144.38	113.01	113.13	110.61	113.54	110.62	113.13	119.50	112.31	116.56	110.39	109.08	110.40
355683	-3.51	-3.67	-3.63	-3.46	-2.72	-2.58	-0.85	-1.15	-1.09	-2.41	-2.29	-2.20	-2.54	-2.66	-2.03	-2.55	-2.14	-2.78	-3.82	-2.88	-2.38	-2.25	-2.23	-1.68
	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	148.24	141.60	140.13	140.40	143.39	150.60	176.21	199.75	188.76	167.30	158.63	152.73	151.72	148.70	148.43	154.04	163.45	191.48	202.66	187.21	170.63	158.67	149.27	151.04
323833	7.72	6.69	6.08	7.44	7.34	7.17	7.10	7.87	6.91	6.44	6.25	6.16	4.85	4.75	4.73	4.76	4.63	4.75	5.18	4.72	4.88	4.73	4.78	5.05
	0.00	-3.72	-17.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.32	-28.16	-31.06	-33.18	-46.06	-70.81	-74.15	-67.29	-46.81	-41.29	-33.18	-33.91
ALBANY_2_SOLAR	148.24	141.60	140.01	140.40	143.25	150.60	176.21	199.75	188.76	167.30	158.63	152.73	151.61	148.70	148.44	154.04	163.45	191.48	202.66	187.22	170.63	158.56	149.17	151.04
323834	7.72	6.69	5.96	7.44	7.21	7.17	7.10	7.87	6.91	6.44	6.25	6.16	4.74	4.75	4.73	4.76	4.63	4.75	5.18	4.72	4.88	4.62	4.67	5.05
	0.00	-3.72	-17.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.32	-28.16	-31.07	-33.18	-46.06	-70.82	-74.16	-67.30	-46.81	-41.30	-33.19	-33.92
ALBANY___1	146.14	139.57	138.43	137.88	140.67	147.88	173.00	196.49	186.22	165.52	157.10	151.42	151.56	148.59	148.17	153.09	162.31	190.59	201.57	186.16	169.04	157.23	147.94	149.93
23571	5.62	4.59	4.09	4.92	4.63	4.45	3.89	4.61	4.36	4.66	4.72	4.84	4.16	4.17	3.94	3.25	2.71	2.67	2.84	2.53	2.50	2.59	2.89	3.36
	0.00	-3.78	-17.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-31.84	-28.64	-31.59	-33.74	-46.84	-72.01	-75.41	-68.43	-47.60	-41.99	-33.75	-34.49

ALBANY___2 23572	146.14 5.62 0.00	139.57 4.59 -3.78	138.43 4.09 -17.34	137.88 4.92 0.00	140.67 4.63 0.00	147.88 4.45 0.00	173.00 3.89 0.00	196.49 4.61 0.00	186.22 4.36 0.00	165.52 4.66 0.00	157.10 4.72 0.00	151.42 4.84 0.00	151.56 4.16 -31.84	148.59 4.17 -28.64	148.17 3.94 -31.59	153.09 3.25 -33.74	162.31 2.71 -46.84	190.59 2.67 -72.01	201.57 2.84 -75.41	186.16 2.53 -68.43	169.04 2.50 -47.60	157.23 2.59 -41.99	147.94 2.89 -33.75	149.93 3.36 -34.49
ALBANY___3 23573	146.14 5.62 0.00	139.57 4.59 -3.78	138.43 4.09 -17.34	137.88 4.92 0.00	140.67 4.63 0.00	147.88 4.45 0.00	173.00 3.89 0.00	196.49 4.61 0.00	186.22 4.36 0.00	165.52 4.66 0.00	157.10 4.72 0.00	151.42 4.84 0.00	151.56 4.16 -31.84	148.59 4.17 -28.64	148.17 3.94 -31.59	153.09 3.25 -33.74	162.31 2.71 -46.84	190.59 2.67 -72.01	201.57 2.84 -75.41	186.16 2.53 -68.43	169.04 2.50 -47.60	157.23 2.59 -41.99	147.94 2.89 -33.75	149.93 3.36 -34.49
ALBANY___4 23574	146.14 5.62 0.00	139.57 4.59 -3.78	138.43 4.09 -17.34	137.88 4.92 0.00	140.67 4.63 0.00	147.88 4.45 0.00	173.00 3.89 0.00	196.49 4.61 0.00	186.22 4.36 0.00	165.52 4.66 0.00	157.10 4.72 0.00	151.42 4.84 0.00	151.56 4.16 -31.84	148.59 4.17 -28.64	148.17 3.94 -31.59	153.09 3.25 -33.74	162.31 2.71 -46.84	190.59 2.67 -72.01	201.57 2.84 -75.41	186.16 2.53 -68.43	169.04 2.50 -47.60	157.23 2.59 -41.99	147.94 2.89 -33.75	149.93 3.36 -34.49
ALBANY___LFGE 323615	147.26 6.74 0.00	140.78 5.77 -3.81	139.63 5.14 -17.49	139.08 6.12 0.00	141.90 5.85 0.00	149.18 5.74 0.00	174.86 5.75 0.00	198.41 6.53 0.00	188.21 6.36 0.00	167.12 6.27 0.00	158.78 6.40 0.00	153.02 6.44 0.00	153.01 5.32 -32.13	150.02 5.33 -28.90	149.71 5.18 -31.88	154.80 4.65 -34.05	164.09 4.05 -47.27	192.64 4.05 -72.68	203.75 4.31 -76.11	188.18 3.92 -69.07	170.90 3.92 -48.04	158.86 3.83 -42.38	149.37 4.00 -34.06	151.25 4.37 -34.81
ALCOA_PA_115KV_PL-6C 55860	136.16 -4.36 0.00	126.74 -4.46 0.00	112.79 -4.21 0.00	129.63 -3.32 0.00	133.87 -2.18 0.00	141.28 -2.15 0.00	169.45 0.34 0.00	191.50 -0.38 0.00	182.04 0.18 0.00	158.93 -1.93 0.00	150.55 -1.83 0.00	144.82 -1.76 0.00	112.78 -2.77 0.00	112.89 -2.89 0.00	111.07 -1.58 0.00	113.54 -2.55 0.00	110.85 -1.92 0.00	112.67 -3.25 0.00	118.76 -4.56 0.00	112.31 -2.88 0.00	117.04 -1.90 0.00	110.73 -1.91 0.00	109.52 -1.78 0.00	110.85 -1.23 0.00
ALCOA_RYNLDS___DRP 24188	136.16 -4.36 0.00	126.74 -4.46 0.00	112.79 -4.21 0.00	129.63 -3.32 0.00	133.87 -2.18 0.00	141.28 -2.15 0.00	169.45 0.34 0.00	191.50 -0.38 0.00	182.04 0.18 0.00	158.93 -1.93 0.00	150.55 -1.83 0.00	144.82 -1.76 0.00	112.78 -2.77 0.00	112.89 -2.89 0.00	111.07 -1.58 0.00	113.54 -2.55 0.00	110.85 -1.92 0.00	112.67 -3.25 0.00	118.76 -4.56 0.00	112.31 -2.88 0.00	117.04 -1.90 0.00	110.73 -1.91 0.00	109.52 -1.78 0.00	110.85 -1.23 0.00
ALCOA___DSASP 323711	136.16 -4.36 0.00	126.74 -4.46 0.00	112.79 -4.21 0.00	129.64 -3.32 0.00	133.87 -2.18 0.00	141.29 -2.15 0.00	169.45 0.34 0.00	191.50 -0.38 0.00	182.04 0.18 0.00	158.76 -2.10 0.00	150.56 -1.82 0.00	144.83 -1.75 0.00	112.55 -3.01 0.00	112.55 -3.24 0.00	111.06 -1.58 0.00	113.54 -2.55 0.00	110.85 -1.92 0.00	112.67 -3.24 0.00	118.76 -4.56 0.00	112.32 -2.88 0.00	117.03 -1.91 0.00	110.73 -1.92 0.00	109.52 -1.79 0.00	110.85 -1.23 0.00
ALLEGHENY___COGEN 23514	144.73 4.21 0.00	135.60 3.81 -0.60	123.93 4.21 -2.73	137.88 4.92 0.00	139.31 3.26 0.00	149.18 5.74 0.00	175.02 5.92 0.00	183.44 -8.44 0.00	173.67 -8.18 0.00	153.30 -7.56 0.00	143.70 -8.68 0.00	136.47 -10.11 0.00	114.26 -6.36 -5.06	113.96 -6.37 -4.54	106.89 -6.98 -1.24	120.76 0.00 -4.66	114.47 -0.11 -1.81	120.07 1.40 -2.76	137.86 2.59 -11.95	121.97 1.49 -5.28	121.14 0.36 -1.84	114.62 0.34 -1.63	112.96 0.33 -1.32	117.54 0.00 -5.46
ALTAMONT_115KV_TB 2 55880	146.14 5.62 0.00	140.23 5.25 -3.78	139.13 4.80 -17.34	138.54 5.58 0.00	141.49 5.44 0.00	148.74 5.31 0.00	174.35 5.24 0.00	198.02 6.14 0.00	187.67 5.82 0.00	166.81 5.95 0.00	158.02 5.64 0.00	152.15 5.57 0.00	152.04 4.62 -31.86	149.07 4.63 -28.65	148.75 4.51 -31.61	154.38 4.53 -33.76	163.92 4.29 -46.87	192.37 4.40 -72.05	203.59 4.81 -75.45	188.05 4.38 -68.47	171.09 4.52 -47.63	158.94 4.28 -42.02	149.30 4.23 -33.77	150.73 4.15 -34.51
ALTONA_WT_PWR 323606	137.99 -2.53 0.00	128.58 -2.62 0.00	114.42 -2.57 0.00	130.82 -2.13 0.00	134.69 -1.36 0.00	142.72 -0.71 0.00	170.97 1.86 0.00	192.46 0.58 0.00	184.21 2.36 0.00	161.50 0.65 0.00	153.14 0.77 0.00	147.17 0.59 0.00	115.09 -0.46 0.00	115.10 -0.69 0.00	112.31 -0.34 0.00	115.16 -0.93 0.00	112.09 -0.67 0.00	114.53 -1.39 0.00	120.73 -2.60 0.00	112.66 -2.53 0.00	116.32 -2.62 0.00	109.94 -2.70 0.00	108.75 -2.56 0.00	110.17 -1.91 0.00
AMERICAN_REF_FUEL 24010	131.10 -9.41 0.00	123.21 -8.53 -0.54	112.93 -6.55 -2.49	125.11 -7.84 0.00	126.25 -9.80 0.00	135.11 -8.32 0.00	155.24 -13.86 0.00	170.39 -21.49 0.00	161.85 -20.00 0.00	144.93 -15.93 0.00	135.92 -16.46 0.00	129.58 -17.00 0.00	107.33 -12.83 -4.60	107.30 -12.62 -4.13	101.66 -13.18 -2.20	107.30 -13.24 -4.44	103.06 -12.96 -3.25	108.03 -12.87 -4.99	120.14 -14.06 -10.87	107.76 -13.83 -6.39	108.09 -14.16 -3.31	103.96 -11.60 -2.92	103.08 -10.58 -2.35	105.51 -11.54 -4.97
ARKWRIGHT___SUMMIT_WT_PWR 323751	140.80 0.28 0.00	129.44 -2.36 -0.60	118.82 -0.94 -2.76	134.42 1.47 0.00	135.78 -0.27 0.00	145.01 1.58 0.00	167.58 -1.52 0.00	186.13 -5.75 0.00	176.40 -5.45 0.00	157.64 -3.22 0.00	147.95 -4.42 0.00	141.01 -5.57 0.00	114.31 -6.36 -5.11	114.00 -6.37 -4.58	107.54 -7.21 -2.11	113.77 -7.20 -4.87	108.33 -7.55 -3.11	112.91 -7.76 -4.77	128.24 -7.16 -12.07	114.19 -7.61 -6.61	113.66 -8.44 -3.16	107.67 -7.77 -2.80	106.21 -7.35 -2.25	110.76 -6.84 -5.52
ARTHUR KILL_GT_1 23520	248.71 10.40 -97.80	227.42 9.84 -86.38	211.67 8.78 -85.89	217.84 9.44 -75.44	219.98 9.66 -74.27	228.41 9.61 -75.37	278.90 8.96 -100.83	319.76 11.71 -116.18	313.22 12.54 -118.83	285.69 13.02 -111.81	274.81 12.50 -109.93	274.82 12.61 -115.63	268.77 10.40 -142.82	266.50 10.54 -140.17	265.26 10.02 -142.59	272.58 10.45 -146.03	376.73 10.03 -253.93	392.32 10.31 -266.09	496.85 11.34 -362.19	373.95 10.25 -248.51	373.61 10.71 -243.96	367.90 10.14 -245.12	205.66 10.02 -84.34	166.29 9.19 -45.02
ARTHUR_KILL_2 23512	248.29 9.98 -97.80	227.03 9.45 -86.38	211.32 8.43 -85.89	217.44 9.05 -75.44	219.43 9.12 -74.27	227.99 9.19 -75.37	278.39 8.45 -100.83	319.18 11.12 -116.18	312.50 11.81 -118.83	285.05 12.39 -111.81	274.34 12.03 -109.93	274.37 12.16 -115.63	268.42 10.05 -142.82	266.15 10.19 -140.17	264.92 9.69 -142.59	272.22 10.10 -146.03	376.40 9.70 -253.93	391.97 9.97 -266.09	496.49 10.97 -362.19	373.61 9.91 -248.51	373.24 10.34 -243.96	367.56 9.79 -245.12	205.32 9.68 -84.34	165.95 8.85 -45.02
ARTHUR_KILL_3 23513	190.73 9.56 -40.66	158.26 9.18 -17.88	156.75 8.19 -31.57	156.75 8.91 -14.88	156.75 8.98 -11.72	158.26 8.90 -5.93	172.19 8.28 5.21	178.94 10.74 23.67	181.88 11.46 11.44	179.59 11.74 -7.00	166.42 11.28 -2.77	166.42 11.58 -8.26	168.45 9.36 -43.54	168.45 9.50 -43.17	167.26 8.90 -45.72	168.45 9.17 -43.18	166.42 8.68 -44.97	166.42 9.15 -41.35	166.42 10.11 -32.98	166.42 8.99 -42.23	166.42 9.28 -38.20	166.42 8.67 -45.10	166.42 8.91 -46.21	165.05 7.96 -45.01

ARTHUR_KILL_COGEN 323718	248.71 10.40 -97.80	227.42 9.84 -86.38	211.67 8.78 -85.89	217.84 9.44 -75.44	219.98 9.66 -74.27	228.41 9.61 -75.37	278.90 8.96 -100.83	319.76 11.71 -116.18	313.22 12.54 -118.83	285.69 13.02 -111.81	274.81 12.50 -109.93	274.82 12.61 -115.63	268.77 10.40 -142.82	266.50 10.54 -140.17	265.26 10.02 -142.59	272.58 10.45 -146.03	376.73 10.03 -253.93	392.32 10.31 -266.09	496.85 11.34 -362.19	373.95 10.25 -248.51	373.61 10.71 -243.96	367.90 10.14 -245.12	205.66 10.02 -84.34	166.29 9.19 -45.02
ASHOKAN____ 23654	152.89 12.37 0.00	138.99 4.32 -3.46	137.33 4.44 -15.89	144.52 11.56 0.00	147.75 11.70 0.00	155.05 11.61 0.00	182.13 13.02 0.00	206.28 14.40 0.00	194.77 12.91 0.00	172.59 11.74 0.00	163.04 10.66 0.00	156.68 10.11 0.00	148.68 3.93 -29.20	146.09 4.05 -26.25	145.43 3.83 -28.96	151.09 4.06 -30.93	160.33 4.63 -42.94	187.37 5.45 -66.01	198.49 6.04 -69.13	182.76 4.84 -62.73	167.57 4.99 -43.63	155.65 4.51 -38.49	146.36 4.12 -30.93	147.51 3.81 -31.61
ASTORIA_EAST_ENERGY_CC1 323581	151.20 10.67 -0.01	144.92 10.62 -3.10	140.80 9.60 -14.20	143.73 10.76 -0.01	146.80 10.75 -0.01	154.05 10.61 -0.01	177.55 8.45 0.01	202.80 10.93 0.01	193.66 11.81 0.01	173.72 12.87 0.01	164.71 12.34 0.01	159.62 13.04 -0.01	152.43 10.75 -26.13	150.15 10.88 -23.49	148.90 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.78 9.85 -59.02	195.86 10.72 -61.81	180.96 9.68 -56.09	168.06 10.10 -39.01	156.86 9.79 -34.42	149.21 10.23 -27.67	149.21 8.85 -28.28
ASTORIA_EAST_ENERGY_CC2 323582	151.20 10.67 -0.01	144.92 10.62 -3.10	140.80 9.60 -14.20	143.73 10.76 -0.01	146.80 10.75 -0.01	154.05 10.61 -0.01	177.55 8.45 0.01	202.80 10.93 0.01	193.66 11.81 0.01	173.72 12.87 0.01	164.71 12.34 0.01	159.62 13.04 -0.01	152.43 10.75 -26.13	150.15 10.88 -23.49	148.90 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.78 9.85 -59.02	195.86 10.72 -61.81	180.96 9.68 -56.09	168.06 10.10 -39.01	156.86 9.79 -34.42	149.33 10.35 -27.67	149.33 8.97 -28.28
ASTORIA_GT2_1 24094	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT2_2 24095	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT2_3 24096	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT2_4 24097	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT3_1 24098	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT3_2 24099	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT3_3 24100	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT3_4 24101	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT4_1 24102	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT4_2 24103	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT4_3 24104	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28

ASTORIA_GT4_4 24105	151.06 10.54 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.60 10.64 -0.01	146.67 10.61 -0.01	154.49 11.04 -0.01	177.90 8.79 0.00	202.82 10.94 0.00	193.86 12.00 0.00	174.20 13.35 0.01	164.86 12.49 0.01	159.78 13.19 -0.01	152.43 10.75 -26.13	150.16 10.88 -23.49	148.91 10.36 -25.91	154.33 10.56 -27.67	161.32 10.15 -38.40	184.79 9.85 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.19 10.23 -39.02	156.86 9.80 -34.42	149.33 10.35 -27.67	149.32 8.97 -28.28
ASTORIA_GT_1 23523	151.49 10.97 -0.01	145.18 10.88 -3.10	141.03 9.83 -14.20	143.99 11.03 -0.01	147.07 11.02 -0.01	154.49 11.05 -0.01	177.89 8.79 0.01	203.38 11.51 0.01	194.22 12.37 0.01	174.19 13.34 0.01	165.17 12.80 0.01	160.06 13.48 -0.01	152.66 10.98 -26.13	150.39 11.12 -23.49	149.13 10.59 -25.91	154.68 10.91 -27.67	161.54 10.37 -38.40	185.01 10.08 -59.02	196.24 11.10 -61.81	181.30 10.02 -56.09	168.42 10.47 -39.01	157.09 10.02 -34.42	149.56 10.58 -27.67	149.55 9.19 -28.28
ASTORIA_GT_10 24110	151.49 10.96 -0.01	144.93 10.63 -3.10	140.68 9.48 -14.20	143.34 10.37 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.92 9.81 0.00	203.78 11.90 0.00	194.58 12.73 0.00	182.21 13.51 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.04 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.55 10.59 -39.02	163.06 10.03 -40.39	157.13 10.13 -35.70	150.27 9.30 -28.89
ASTORIA_GT_11 24225	151.49 10.96 -0.01	144.93 10.63 -3.10	140.68 9.48 -14.20	143.34 10.37 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.92 9.81 0.00	203.78 11.90 0.00	194.58 12.73 0.00	182.21 13.51 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.04 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.55 10.59 -39.02	163.06 10.03 -40.39	157.13 10.13 -35.70	150.27 9.30 -28.89
ASTORIA_GT_12 24226	151.49 10.96 -0.01	144.93 10.63 -3.10	140.68 9.48 -14.20	143.34 10.37 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.92 9.81 0.00	203.78 11.90 0.00	194.58 12.73 0.00	182.21 13.51 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.04 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.55 10.59 -39.02	163.06 10.03 -40.39	157.13 10.13 -35.70	150.27 9.30 -28.89
ASTORIA_GT_13 24227	151.49 10.96 -0.01	144.93 10.63 -3.10	140.68 9.48 -14.20	143.34 10.37 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.92 9.81 0.00	203.78 11.90 0.00	194.58 12.73 0.00	182.21 13.51 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.04 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.55 10.59 -39.02	163.06 10.03 -40.39	157.13 10.13 -35.70	150.27 9.30 -28.89
ASTORIA_GT_5 24106	151.35 10.82 -0.01	145.19 10.89 -3.10	141.03 9.83 -14.20	143.87 10.90 -0.01	146.94 10.88 -0.01	154.77 11.33 -0.01	178.24 9.13 0.00	203.39 11.51 0.00	194.22 12.37 0.00	174.68 13.83 0.01	165.17 12.80 0.01	160.07 13.49 -0.01	152.66 10.98 -26.13	150.39 11.12 -23.49	149.14 10.59 -25.91	154.68 10.91 -27.67	161.54 10.37 -38.40	185.02 10.08 -59.03	196.36 11.22 -61.82	181.31 10.02 -56.10	168.43 10.47 -39.02	157.09 10.03 -34.42	149.55 10.57 -27.67	149.55 9.19 -28.28
ASTORIA_GT_7 24107	151.35 10.82 -0.01	145.19 10.89 -3.10	141.03 9.83 -14.20	143.87 10.90 -0.01	146.94 10.88 -0.01	154.77 11.33 -0.01	178.24 9.13 0.00	203.39 11.51 0.00	194.22 12.37 0.00	174.68 13.83 0.01	165.17 12.80 0.01	160.07 13.49 -0.01	152.66 10.98 -26.13	150.39 11.12 -23.49	149.14 10.59 -25.91	154.68 10.91 -27.67	161.54 10.37 -38.40	185.02 10.08 -59.03	196.36 11.22 -61.82	181.31 10.02 -56.10	168.43 10.47 -39.02	157.09 10.03 -34.42	149.55 10.57 -27.67	149.55 9.19 -28.28
ASTORIA_GT_8 24108	151.35 10.82 -0.01	145.19 10.89 -3.10	141.03 9.83 -14.20	143.87 10.90 -0.01	146.94 10.88 -0.01	154.77 11.33 -0.01	178.24 9.13 0.00	203.39 11.51 0.00	194.22 12.37 0.00	174.68 13.83 0.01	165.17 12.80 0.01	160.07 13.49 -0.01	152.66 10.98 -26.13	150.39 11.12 -23.49	149.14 10.59 -25.91	154.68 10.91 -27.67	161.54 10.37 -38.40	185.02 10.08 -59.03	196.36 11.22 -61.82	181.31 10.02 -56.10	168.43 10.47 -39.02	157.09 10.03 -34.42	149.55 10.57 -27.67	149.55 9.19 -28.28
ASTORIA___2 24149	151.20 10.67 -0.01	144.92 10.62 -3.10	140.80 9.60 -14.20	143.73 10.76 -0.01	146.80 10.75 -0.01	154.20 10.76 -0.01	177.55 8.45 0.01	203.00 11.12 0.01	193.84 12.00 0.01	173.72 12.87 0.01	164.87 12.50 0.01	159.78 13.20 -0.01	152.43 10.75 -26.13	150.15 10.88 -23.49	148.90 10.36 -25.91	154.44 10.67 -27.67	161.32 10.15 -38.40	184.78 9.85 -59.02	195.99 10.86 -61.81	180.96 9.68 -56.09	168.18 10.23 -39.01	156.86 9.79 -34.42	149.33 10.35 -27.67	149.33 8.97 -28.28
ASTORIA___3 23516	151.62 11.10 -0.01	144.92 10.62 -3.10	140.67 9.47 -14.20	143.34 10.38 -0.01	146.53 10.48 -0.01	153.91 10.47 -0.01	178.57 9.46 0.00	203.98 12.10 0.00	194.58 12.73 0.00	181.89 13.19 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.86 10.62 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.03 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.54 10.58 -39.02	163.06 10.02 -40.39	157.13 10.13 -35.70	150.26 9.30 -28.89
ASTORIA___4 23517	151.49 10.96 -0.01	144.93 10.63 -3.10	140.68 9.48 -14.20	143.34 10.37 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.92 9.81 0.00	203.78 11.90 0.00	194.58 12.73 0.00	182.21 13.51 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.04 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.55 10.59 -39.02	163.06 10.03 -40.39	157.13 10.13 -35.70	150.27 9.30 -28.89
ASTORIA___5 23518	151.62 11.10 -0.01	144.92 10.62 -3.10	140.67 9.47 -14.20	143.34 10.38 -0.01	146.53 10.48 -0.01	153.91 10.47 -0.01	178.57 9.46 0.00	203.98 12.10 0.00	194.58 12.73 0.00	181.89 13.19 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.86 10.62 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.03 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.54 10.58 -39.02	163.06 10.02 -40.39	157.13 10.13 -35.70	150.26 9.30 -28.89
AST_ENERGY_2_CC3 323677	151.06 10.54 0.00	144.26 9.97 -3.09	140.20 9.01 -14.20	142.80 9.84 0.00	145.85 9.80 0.00	153.19 9.76 0.00	177.71 8.62 0.02	202.99 11.12 0.02	193.49 11.65 0.02	172.74 11.90 0.02	163.93 11.58 0.02	158.45 11.87 0.00	151.48 9.82 -26.11	149.22 9.96 -23.47	147.88 9.34 -25.89	153.38 9.63 -27.66	160.29 9.13 -38.39	184.43 9.51 -59.01	195.73 10.61 -61.80	180.72 9.45 -56.08	167.57 9.63 -39.00	156.30 9.24 -34.42	148.64 9.68 -27.66	149.20 8.85 -28.27
AST_ENERGY_2_CC4 323678	151.06 10.54 0.00	144.26 9.97 -3.09	140.20 9.01 -14.20	142.80 9.84 0.00	145.85 9.80 0.00	153.19 9.76 0.00	177.71 8.62 0.02	202.99 11.12 0.02	193.49 11.65 0.02	172.74 11.90 0.02	163.93 11.58 0.02	158.45 11.87 0.00	151.48 9.82 -26.11	149.22 9.96 -23.47	147.88 9.34 -25.89	153.38 9.63 -27.66	160.29 9.13 -38.39	184.43 9.51 -59.01	195.73 10.61 -61.80	180.72 9.45 -56.08	167.57 9.63 -39.00	156.30 9.24 -34.42	148.64 9.68 -27.66	149.20 8.85 -28.27

ATHENS_STG_1 23668	146.98 6.47 0.00	140.89 6.30 -3.39	138.41 5.85 -15.57	139.34 6.38 0.00	142.44 6.40 0.00	149.60 6.16 0.00	175.02 5.92 0.00	199.17 7.29 0.00	188.94 7.09 0.00	168.10 7.25 0.00	159.54 7.16 0.00	153.76 7.18 0.00	150.20 6.00 -28.64	147.55 6.02 -25.74	146.78 5.74 -28.40	152.35 5.92 -30.33	160.62 5.75 -42.11	186.55 5.91 -64.73	197.52 6.41 -67.79	182.59 5.87 -61.52	167.68 5.94 -42.79	156.02 5.63 -37.75	147.31 5.67 -30.34	148.24 5.16 -31.00
ATHENS_STG_2 23670	146.98 6.47 0.00	140.89 6.30 -3.39	138.41 5.85 -15.57	139.34 6.38 0.00	142.44 6.40 0.00	149.60 6.16 0.00	175.02 5.92 0.00	199.17 7.29 0.00	188.94 7.09 0.00	168.10 7.25 0.00	159.54 7.16 0.00	153.76 7.18 0.00	150.20 6.00 -28.64	147.55 6.02 -25.74	146.78 5.74 -28.40	152.35 5.92 -30.33	160.62 5.75 -42.11	186.55 5.91 -64.73	197.52 6.41 -67.79	182.59 5.87 -61.52	167.68 5.94 -42.79	156.02 5.63 -37.75	147.31 5.67 -30.34	148.24 5.16 -31.00
ATHENS_STG_3 23677	146.98 6.47 0.00	140.89 6.30 -3.39	138.41 5.85 -15.57	139.34 6.38 0.00	142.44 6.40 0.00	149.60 6.16 0.00	175.02 5.92 0.00	199.17 7.29 0.00	188.94 7.09 0.00	168.10 7.25 0.00	159.54 7.16 0.00	153.76 7.18 0.00	150.20 6.00 -28.64	147.55 6.02 -25.74	146.78 5.74 -28.40	152.35 5.92 -30.33	160.62 5.75 -42.11	186.55 5.91 -64.73	197.52 6.41 -67.79	182.59 5.87 -61.52	167.68 5.94 -42.79	156.02 5.63 -37.75	147.31 5.67 -30.34	148.24 5.16 -31.00
AUBURN___LFGE 323710	140.52 0.00 0.00	131.52 -0.13 -0.46	119.33 0.23 -2.10	133.09 0.13 0.00	135.64 -0.41 0.00	143.43 0.00 0.00	168.77 -0.34 0.00	191.30 -0.58 0.00	181.31 -0.55 0.00	160.21 -0.64 0.00	151.77 -0.61 0.00	145.41 -1.17 0.00	118.94 -0.58 -3.96	118.88 -0.46 -3.55	116.70 -0.79 -4.84	120.10 -0.35 -4.35	119.39 -0.56 -7.19	126.85 -0.12 -11.06	133.17 0.49 -9.36	125.05 0.00 -9.86	125.77 -0.48 -7.31	118.52 -0.56 -6.44	115.70 -0.78 -5.18	115.24 -1.12 -4.28
BABYLON_RES_REC 323704	153.02 12.50 0.00	146.23 11.94 -3.09	143.60 11.12 -15.49	145.32 12.37 0.00	148.15 12.10 0.00	154.05 10.61 0.00	179.94 10.83 0.00	205.51 13.63 0.00	196.05 14.19 0.00	175.49 14.64 0.00	166.55 14.17 0.00	161.24 14.66 0.00	154.55 12.13 -26.87	152.94 12.27 -24.88	153.05 11.71 -28.69	157.32 12.19 -29.04	162.77 11.62 -38.38	196.30 12.17 -68.22	209.61 13.44 -72.85	193.93 12.09 -66.64	170.20 12.25 -39.01	158.21 11.15 -34.41	151.78 11.58 -28.90	150.77 10.43 -28.26
BABYLON__69_KV_BK2 356345	154.01 13.49 0.00	147.81 13.51 -3.09	145.00 12.52 -15.49	146.25 13.30 0.00	148.97 12.92 0.00	156.63 13.20 0.00	182.97 13.87 0.00	207.04 15.16 0.00	198.04 16.18 0.00	177.75 16.89 0.00	168.22 15.85 0.00	163.00 16.42 0.00	155.94 13.52 -26.87	154.33 13.66 -24.88	154.40 13.07 -28.69	158.72 13.58 -29.04	164.12 12.97 -38.38	197.93 13.79 -68.22	211.34 15.17 -72.85	195.43 13.59 -66.64	171.63 13.68 -39.01	159.56 12.50 -34.41	153.07 12.69 -29.08	152.00 11.66 -28.26
BALL_HILL_WT_PWR 323825	137.99 -2.53 0.00	127.07 -4.72 -0.59	116.65 -3.04 -2.69	131.63 -1.33 0.00	133.06 -2.99 0.00	142.00 -1.43 0.00	163.86 -5.24 0.00	181.52 -10.36 0.00	172.21 -9.64 0.00	153.78 -7.07 0.00	144.45 -7.93 0.00	137.63 -8.95 0.00	111.86 -8.67 -4.98	111.69 -8.57 -4.46	105.57 -9.23 -2.16	111.68 -9.17 -4.76	106.59 -9.36 -3.19	111.29 -9.50 -4.88	125.96 -9.12 -11.76	112.34 -9.44 -6.59	111.95 -10.23 -3.24	106.39 -9.12 -2.86	104.93 -8.68 -2.31	109.16 -8.29 -5.38
BARON_WINDS___WT_PWR 323822	140.10 -0.42 0.00	129.44 -2.50 -0.74	118.98 -1.40 -3.38	133.22 0.27 0.00	135.24 -0.81 0.00	143.86 0.43 0.00	167.75 -1.36 0.00	186.71 -5.17 0.00	176.57 -5.28 0.00	156.84 -4.02 0.00	147.50 -4.88 0.00	140.86 -5.72 0.00	116.15 -5.66 -6.26	115.73 -5.67 -5.61	107.94 -6.20 -1.49	116.06 -5.80 -5.76	109.21 -5.75 -2.19	113.57 -5.68 -3.34	133.04 -5.06 -14.77	116.15 -5.53 -6.48	114.86 -6.31 -2.22	108.88 -5.74 -1.98	107.11 -5.79 -1.59	112.89 -5.94 -6.76
BARRETT_IC_1 23704	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_10 23701	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_11 23702	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_12 23703	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_2 23705	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_3 23706	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_4 23707	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27

BARRETT_IC_5 23708	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_6 23709	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_7 23710	151.76 11.24 0.00	145.44 11.15 -3.09	142.66 10.18 -15.49	143.86 10.90 0.00	146.66 10.61 0.00	154.33 10.90 0.00	180.10 10.99 0.00	203.97 12.09 0.00	195.13 13.28 0.00	175.01 14.16 0.00	165.63 13.26 0.00	160.21 13.63 0.00	153.63 11.21 -26.87	152.02 11.35 -24.88	152.15 10.81 -28.69	156.28 11.15 -29.04	161.86 10.71 -38.38	195.26 11.13 -68.22	208.38 12.21 -72.85	192.89 11.06 -66.64	169.25 11.30 -39.01	157.53 10.48 -34.41	150.91 10.80 -28.81	150.09 9.75 -28.26
BARRETT_IC_8 23711	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT_IC_9 23700	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT___1 23545	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BARRETT___2 23546	152.18 11.66 -0.01	145.44 11.15 -3.09	142.66 10.17 -15.49	144.25 11.29 0.00	147.21 11.16 0.00	153.62 10.18 0.00	179.25 10.15 0.00	204.17 12.29 0.00	195.12 13.27 0.00	174.53 13.67 -0.01	165.64 13.25 -0.01	160.22 13.63 -0.01	153.64 11.21 -26.88	152.15 11.47 -24.89	152.16 10.81 -28.70	156.29 11.15 -29.04	161.88 10.72 -38.39	195.27 11.13 -68.23	208.38 12.21 -72.85	192.90 11.06 -66.65	169.26 11.31 -39.02	157.54 10.48 -34.42	150.92 10.79 -28.82	150.09 9.75 -28.27
BATAVIA__115KV_TB1 55881	136.72 -3.79 0.00	128.56 -3.15 -0.51	117.46 -1.87 -2.33	130.43 -2.53 0.00	131.97 -4.08 0.00	139.56 -3.87 0.00	162.51 -6.60 0.00	180.37 -11.51 0.00	171.67 -10.18 0.00	151.37 -9.49 0.00	143.69 -8.69 0.00	136.76 -9.82 0.00	112.94 -6.93 -4.32	112.94 -6.72 -3.87	107.43 -7.43 -2.22	113.21 -7.08 -4.19	108.61 -7.44 -3.29	114.24 -6.72 -5.06	126.74 -6.78 -10.20	114.39 -7.03 -6.22	114.31 -7.97 -3.34	109.05 -6.53 -2.94	107.89 -5.79 -2.37	110.47 -6.28 -4.66
BAYONEEC___CTG1 323682	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG10 323750	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG2 323683	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG3 323684	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG4 323685	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG5 323686	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG6 323687	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27

BAYONEEC___CTG7 323688	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG8 323689	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BAYONEEC___CTG9 323749	150.64 10.12 0.00	144.00 9.71 -3.09	139.85 8.66 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.74 12.16 0.00	133.23 9.94 -7.74	130.17 10.07 -4.31	128.56 9.57 -6.35	132.93 9.75 -7.08	141.45 9.35 -19.33	169.67 9.74 -44.02	179.76 10.72 -45.71	170.53 9.68 -45.66	163.27 9.87 -34.46	155.53 9.24 -33.65	134.18 9.46 -13.42	148.86 8.51 -28.27
BEACON___LESR 323632	148.52 8.01 0.00	141.92 6.95 -3.78	140.52 6.20 -17.33	140.40 7.44 0.00	143.25 7.21 0.00	150.74 7.31 0.00	176.72 7.62 0.00	200.31 8.43 0.00	190.04 8.19 0.00	168.58 7.72 0.00	160.14 7.77 0.00	154.20 7.62 0.00	153.47 6.12 -31.79	150.40 6.02 -28.59	150.03 5.85 -31.54	155.24 5.46 -33.69	164.38 4.85 -46.76	192.90 5.09 -71.89	204.03 5.42 -75.29	188.36 4.84 -68.32	171.34 4.88 -47.52	159.19 4.62 -41.93	149.67 4.67 -33.69	151.78 5.27 -34.43
BEAVER RIVER___HYD 24048	144.73 4.21 0.00	134.74 3.41 -0.14	120.67 3.04 -0.63	136.82 3.86 0.00	140.13 4.08 0.00	147.73 4.30 0.00	176.04 6.94 0.00	202.23 10.35 0.00	191.49 9.63 0.00	168.10 7.25 0.00	158.78 6.40 0.00	152.59 6.01 0.00	121.09 4.50 -1.04	121.58 4.86 -0.93	119.19 5.52 -1.03	122.88 5.69 -1.10	120.38 6.09 -1.52	124.28 6.02 -2.34	132.07 6.29 -2.46	123.29 5.87 -2.23	126.32 5.83 -1.55	119.42 5.41 -1.37	117.53 5.12 -1.10	117.91 4.71 -1.12
BEEBEE_GT_13 23619	136.58 -3.93 0.00	129.41 -2.23 -0.45	117.64 -1.40 -2.05	129.90 -3.06 0.00	131.97 -4.08 0.00	139.42 -4.02 0.00	163.02 -6.09 0.00	182.09 -9.79 0.00	173.31 -8.55 0.00	153.14 -7.72 0.00	145.37 -7.01 0.00	138.96 -7.62 0.00	115.08 -4.28 -3.80	115.14 -4.05 -3.41	110.06 -4.84 -2.26	115.43 -4.41 -3.74	110.59 -5.53 -3.35	116.29 -4.75 -5.13	128.23 -4.07 -8.97	116.63 -4.49 -5.93	116.51 -5.83 -3.40	110.58 -5.07 -3.00	109.16 -4.56 -2.41	111.81 -4.37 -4.10
BENSHRST_27_KV_BENSHRST_1 355998	250.26 11.94 -97.80	228.99 11.41 -86.38	213.07 10.18 -85.89	219.30 10.90 -75.44	221.34 11.02 -74.27	230.42 11.62 -75.37	281.10 11.16 -100.83	321.87 13.82 -116.18	315.23 14.55 -118.83	287.95 15.28 -111.81	276.63 14.32 -109.93	276.72 14.51 -115.63	270.15 11.79 -142.82	267.89 11.93 -140.17	266.61 11.38 -142.59	273.85 11.73 -146.03	377.97 11.28 -253.93	393.59 11.59 -266.09	498.34 12.83 -362.19	375.22 11.52 -248.51	374.91 12.01 -243.96	369.03 11.26 -245.12	206.88 11.24 -84.34	167.41 10.31 -45.02
BETHLEHEM___GRP 23843	146.14 5.62 0.00	139.57 4.59 -3.78	138.43 4.09 -17.34	137.88 4.92 0.00	140.67 4.63 0.00	147.88 4.45 0.00	173.00 3.89 0.00	196.49 4.61 0.00	186.22 4.36 0.00	165.52 4.66 0.00	157.10 4.72 0.00	151.42 4.84 0.00	151.56 4.16 -31.84	148.59 4.17 -28.64	148.17 3.94 -31.59	153.09 3.25 -33.74	162.31 2.71 -46.84	190.59 2.67 -72.01	201.57 2.84 -75.41	186.16 2.53 -68.43	169.04 2.50 -47.60	157.23 2.59 -41.99	147.94 2.89 -33.75	149.93 3.36 -34.49
BETHLEHEM___GS1 323560	145.99 5.47 0.00	139.57 4.59 -3.78	138.43 4.09 -17.34	137.88 4.92 0.00	140.68 4.63 0.00	147.73 4.30 0.00	173.00 3.89 0.00	196.48 4.60 0.00	186.21 4.36 0.00	165.35 4.50 0.00	157.11 4.73 0.00	151.41 4.83 0.00	151.55 4.15 -31.84	148.48 4.05 -28.64	148.28 4.05 -31.59	153.08 3.25 -33.74	162.31 2.70 -46.84	190.59 2.67 -72.01	201.57 2.84 -75.41	186.16 2.53 -68.43	169.04 2.50 -47.60	157.23 2.59 -41.99	147.94 2.89 -33.75	149.93 3.36 -34.49
BETHLEHEM___GS2 323561	145.99 5.47 0.00	139.57 4.59 -3.78	138.43 4.09 -17.34	137.88 4.92 0.00	140.68 4.63 0.00	147.73 4.30 0.00	173.00 3.89 0.00	196.48 4.60 0.00	186.21 4.36 0.00	165.35 4.50 0.00	157.11 4.73 0.00	151.41 4.83 0.00	151.55 4.15 -31.84	148.48 4.05 -28.64	148.28 4.05 -31.59	153.08 3.25 -33.74	162.31 2.70 -46.84	190.59 2.67 -72.01	201.57 2.84 -75.41	186.16 2.53 -68.43	169.04 2.50 -47.60	157.23 2.59 -41.99	147.94 2.89 -33.75	149.93 3.36 -34.49
BETHLEHEM___GS3 323562	145.99 5.47 0.00	139.57 4.59 -3.78	138.43 4.09 -17.34	137.88 4.92 0.00	140.68 4.63 0.00	147.73 4.30 0.00	173.00 3.89 0.00	196.48 4.60 0.00	186.21 4.36 0.00	165.35 4.50 0.00	157.11 4.73 0.00	151.41 4.83 0.00	151.55 4.15 -31.84	148.48 4.05 -28.64	148.28 4.05 -31.59	153.08 3.25 -33.74	162.31 2.70 -46.84	190.59 2.67 -72.01	201.57 2.84 -75.41	186.16 2.53 -68.43	169.04 2.50 -47.60	157.23 2.59 -41.99	147.94 2.89 -33.75	149.93 3.36 -34.49
BETHLEHEM___STEEL 23779	137.29 -3.23 0.00	126.40 -5.38 -0.58	115.90 -3.74 -2.65	130.96 -1.99 0.00	132.65 -3.40 0.00	139.85 -3.59 0.00	162.01 -7.10 0.00	179.79 -12.09 0.00	170.58 -11.27 0.00	150.88 -9.97 0.00	143.08 -9.30 0.00	136.46 -10.11 0.00	110.86 -9.59 -4.90	110.81 -9.38 -4.40	104.77 -10.03 -2.16	110.80 -9.98 -4.69	105.69 -10.26 -3.18	110.35 -10.43 -4.87	124.66 -10.24 -11.58	111.36 -10.37 -6.53	111.11 -11.06 -3.23	105.59 -9.91 -2.86	104.26 -9.35 -2.30	108.41 -8.97 -5.29
BETHLHEM_115KV_TB1 79974	146.14 5.62 0.00	139.70 4.72 -3.78	138.54 4.21 -17.33	138.01 5.05 0.00	140.81 4.76 0.00	148.02 4.59 0.00	173.34 4.23 0.00	196.68 4.80 0.00	186.58 4.73 0.00	165.84 4.99 0.00	157.41 5.03 0.00	151.56 4.98 0.00	151.65 4.28 -31.83	148.69 4.28 -28.62	148.27 4.06 -31.57	153.42 3.60 -33.72	162.51 2.93 -46.81	190.89 3.01 -71.97	201.90 3.21 -75.37	186.47 2.88 -68.40	169.49 2.97 -47.57	157.54 2.93 -41.97	148.15 3.12 -33.73	150.02 3.47 -34.47
BETHPAGE_CC_5 323564	152.74 12.22 0.00	145.84 11.55 -3.09	143.24 10.76 -15.49	144.79 11.83 0.00	147.61 11.56 0.00	153.77 10.33 0.00	179.60 10.49 0.00	204.93 13.05 0.00	195.50 13.65 0.00	175.02 14.16 0.00	166.10 13.72 0.00	160.79 14.21 0.00	154.09 11.67 -26.87	152.49 11.82 -24.88	152.60 11.26 -28.69	156.74 11.61 -29.04	162.32 11.17 -38.38	195.84 11.70 -68.22	209.12 12.95 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.76 10.71 -34.41	151.39 11.24 -28.85	150.43 10.09 -28.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	138.13 -2.39 0.00	126.27 -5.51 -0.58	115.93 -3.74 -2.68	131.76 -1.20 0.00	133.46 -2.58 0.00	140.71 -2.73 0.00	163.02 -6.09 0.00	181.13 -10.75 0.00	171.67 -10.18 0.00	152.01 -8.85 0.00	144.15 -8.23 0.00	137.34 -9.23 0.00	110.92 -9.59 -4.95	110.85 -9.38 -4.44	104.77 -10.03 -2.16	110.85 -9.98 -4.74	105.80 -10.15 -3.18	110.36 -10.43 -4.88	124.79 -10.24 -11.70	111.40 -10.37 -6.57	111.23 -10.94 -3.24	105.59 -9.91 -2.86	104.26 -9.35 -2.30	108.35 -9.08 -5.35

BINGHAMTON___COGEN 23790	142.06 1.55 0.00	132.76 0.52 -1.04	122.69 0.94 -4.76	134.69 1.73 0.00	137.41 1.36 0.00	145.01 1.58 0.00	170.12 1.01 0.00	192.07 0.19 0.00	182.04 0.18 0.00	161.18 0.32 0.00	152.68 0.30 0.00	146.43 -0.15 0.00	123.77 -0.58 -8.79	123.09 -0.58 -7.88	119.30 -0.79 -7.44	124.69 -0.46 -9.06	123.12 -0.68 -11.03	132.52 -0.35 -16.95	144.20 0.12 -20.76	131.96 -0.23 -16.99	129.56 -0.59 -11.21	121.97 -0.56 -9.89	118.48 -0.78 -7.95	120.56 -1.01 -9.49
BIXINCNT_115KV_LOAD 355685	141.08 0.56 0.00	127.09 -4.72 -0.61	116.88 -2.92 -2.81	134.69 1.73 0.00	136.46 0.41 0.00	144.15 0.72 0.00	167.25 -1.86 0.00	185.93 -5.95 0.00	176.22 -5.64 0.00	155.87 -4.99 0.00	147.04 -5.33 0.00	140.13 -6.45 0.00	111.28 -9.48 -5.20	110.84 -9.61 -4.67	104.28 -10.48 -2.12	109.90 -11.15 -4.95	105.29 -10.60 -3.12	109.57 -11.13 -4.78	124.39 -11.22 -12.29	110.24 -11.63 -6.68	109.98 -12.13 -3.17	103.74 -11.71 -2.81	102.43 -11.13 -2.26	106.71 -10.98 -5.62
BLACK RIVER___HYD 24047	147.68 7.16 0.00	137.44 6.04 -0.20	123.30 5.38 -0.92	139.34 6.38 0.00	142.58 6.53 0.00	150.32 6.88 0.00	179.08 9.97 0.00	208.00 16.12 0.00	196.77 14.92 0.00	172.59 11.74 0.00	162.88 10.51 0.00	156.40 9.82 0.00	125.00 7.97 -1.48	125.46 8.34 -1.33	123.00 8.90 -1.46	127.29 9.63 -1.56	124.97 10.03 -2.17	129.79 10.55 -3.34	138.16 11.34 -3.49	128.50 10.14 -3.17	130.90 9.76 -2.21	123.48 8.90 -1.95	121.22 8.35 -1.56	121.30 7.63 -1.60
BLACKRVR_115KV_TB2 79977	147.68 7.17 0.00	137.43 6.04 -0.20	123.30 5.38 -0.92	139.34 6.38 0.00	142.58 6.53 0.00	150.17 6.74 0.00	178.92 9.81 0.00	208.00 16.12 0.00	196.77 14.91 0.00	172.44 11.58 0.00	162.89 10.51 0.00	156.40 9.82 0.00	125.01 7.97 -1.48	125.45 8.34 -1.33	123.00 8.90 -1.46	127.30 9.64 -1.56	124.97 10.04 -2.17	129.80 10.55 -3.34	138.16 11.35 -3.49	128.50 10.14 -3.17	130.90 9.75 -2.21	123.49 8.90 -1.95	121.22 8.35 -1.56	121.30 7.62 -1.60
BLISS_WT_PWR 323608	141.08 0.56 0.00	127.22 -4.60 -0.61	117.00 -2.81 -2.81	134.82 1.86 0.00	136.19 0.14 0.00	145.59 2.15 0.00	167.93 -1.18 0.00	186.13 -5.75 0.00	176.21 -5.64 0.00	157.16 -3.69 0.00	147.04 -5.34 0.00	140.13 -6.45 0.00	111.28 -9.47 -5.20	110.73 -9.73 -4.67	104.06 -10.70 -2.12	109.44 -11.61 -4.95	104.84 -11.05 -3.12	109.10 -11.59 -4.78	123.89 -11.72 -12.29	109.55 -12.32 -6.68	109.03 -13.08 -3.17	103.06 -12.39 -2.81	101.76 -11.80 -2.26	106.04 -11.66 -5.62
BLUESTONE___WT_PWR 323821	151.62 11.10 0.00	141.76 9.45 -1.11	130.88 8.78 -5.10	143.46 10.50 0.00	146.38 10.33 0.00	155.20 11.76 0.00	183.31 14.21 0.00	207.42 15.54 0.00	196.22 14.36 0.00	173.56 12.70 0.00	163.35 10.98 0.00	156.68 10.11 0.00	132.18 7.17 -9.46	131.07 6.83 -8.45	129.63 6.30 -10.68	133.03 6.73 -10.20	135.15 6.54 -15.84	147.70 7.42 -24.37	154.08 8.50 -22.25	144.54 7.14 -22.20	141.70 6.66 -16.10	132.81 5.97 -14.20	128.17 5.45 -11.41	127.18 4.93 -10.18
BLUE_CIRC_CHEM_DRP 24182	146.98 6.46 0.00	140.70 5.77 -3.73	139.24 5.15 -17.09	139.21 6.25 0.00	142.04 5.99 0.00	149.46 6.02 0.00	174.86 5.75 0.00	198.40 6.52 0.00	187.67 5.82 0.00	166.65 5.79 0.00	158.02 5.64 0.00	152.15 5.57 0.00	151.46 4.51 -31.40	148.54 4.52 -28.23	148.18 4.39 -31.14	153.66 4.30 -33.26	162.89 3.95 -46.18	190.96 4.06 -70.99	202.11 4.44 -74.34	186.69 4.03 -67.46	170.03 4.16 -46.93	158.10 4.06 -41.40	148.69 4.12 -33.27	150.45 4.37 -34.00
BOC_GAS_DRP 24189	145.58 5.06 0.00	139.69 4.72 -3.76	138.59 4.33 -17.27	137.88 4.92 0.00	140.81 4.76 0.00	148.17 4.73 0.00	173.50 4.40 0.00	196.87 4.99 0.00	186.76 4.91 0.00	166.00 5.15 0.00	157.41 5.03 0.00	151.71 5.13 0.00	151.56 4.28 -31.73	148.61 4.28 -28.53	148.17 4.06 -31.48	153.78 4.06 -33.62	163.16 3.72 -46.67	191.37 3.71 -71.75	202.54 4.07 -75.14	187.07 3.69 -68.19	170.18 3.81 -47.43	158.20 3.72 -41.84	148.72 3.78 -33.63	150.14 3.70 -34.37
BOONVILLE_115KV_TB1 79983	145.86 5.34 0.00	136.03 4.72 -0.11	121.70 4.21 -0.49	138.01 5.05 0.00	141.08 5.03 0.00	148.88 5.45 0.00	176.38 7.27 0.00	201.09 9.21 0.00	190.40 8.55 0.00	167.93 7.08 0.00	158.78 6.40 0.00	152.59 6.01 0.00	121.02 4.62 -0.85	121.30 4.75 -0.76	118.44 4.96 -0.84	122.22 5.22 -0.90	119.31 5.30 -1.25	123.39 5.56 -1.91	131.37 6.04 -2.00	122.43 5.41 -1.82	125.44 5.23 -1.27	118.60 4.84 -1.12	116.76 4.56 -0.90	117.25 4.26 -0.92
BORALEX_4TH_BRANCH 23824	149.51 8.99 0.00	144.02 9.05 -3.77	142.46 8.19 -17.27	142.53 9.57 0.00	145.44 9.39 0.00	153.19 9.75 0.00	179.25 10.15 0.00	203.78 11.90 0.00	192.58 10.73 0.00	171.15 10.29 0.00	161.67 9.30 0.00	155.81 9.23 0.00	154.93 7.63 -31.75	151.99 7.64 -28.56	151.58 7.43 -31.50	157.87 8.13 -33.65	167.82 8.34 -46.71	196.30 8.58 -71.81	207.90 9.37 -75.20	192.19 8.75 -68.24	175.33 8.92 -47.47	162.74 8.22 -41.88	152.97 8.01 -33.65	153.87 7.40 -34.39
BOWLINE___1 23526	148.66 8.15 0.00	142.07 7.87 -3.00	138.02 7.26 -13.77	140.80 7.84 0.00	143.80 7.75 0.00	151.17 7.74 0.00	176.72 7.62 0.00	201.47 9.59 0.00	191.67 9.81 0.00	171.00 10.14 0.00	162.14 9.76 0.00	156.55 9.97 0.00	149.09 8.21 -25.33	146.90 8.34 -22.77	145.64 7.88 -25.12	151.17 8.24 -26.83	157.90 7.89 -37.24	181.39 8.23 -57.25	192.54 9.25 -59.96	177.90 8.30 -54.41	165.23 8.45 -37.85	153.80 7.77 -33.39	145.92 7.79 -26.83	146.45 6.95 -27.42
BOWLINE___2 23595	148.66 8.15 0.00	142.07 7.87 -3.00	138.02 7.26 -13.77	140.80 7.84 0.00	143.80 7.75 0.00	151.17 7.74 0.00	176.72 7.62 0.00	201.47 9.59 0.00	191.67 9.81 0.00	171.00 10.14 0.00	162.14 9.76 0.00	156.55 9.97 0.00	149.09 8.21 -25.33	146.90 8.34 -22.77	145.76 8.00 -25.12	151.17 8.24 -26.83	157.90 7.89 -37.24	181.40 8.23 -57.26	192.54 9.25 -59.96	177.91 8.30 -54.41	165.24 8.45 -37.85	153.80 7.77 -33.39	145.93 7.79 -26.83	146.45 6.95 -27.42
BRADY___115KV_TB2 356060	137.43 -3.09 0.00	127.79 -3.41 0.00	113.72 -3.28 0.00	130.96 -1.99 0.00	135.23 -0.82 0.00	142.57 -0.86 0.00	171.48 2.37 0.00	193.61 1.73 0.00	184.04 2.18 0.00	160.21 -0.64 0.00	151.77 -0.61 0.00	145.85 -0.73 0.00	113.59 -1.96 0.00	113.70 -2.08 0.00	112.19 -0.45 0.00	114.59 -1.51 0.00	112.09 -0.68 0.00	113.94 -1.97 0.00	119.87 -3.45 0.00	113.47 -1.73 0.00	118.35 -0.59 0.00	112.08 -0.56 0.00	110.75 -0.56 0.00	112.08 0.00 0.00
BRANSCOMB___SOLAR 323811	150.77 10.25 0.00	145.04 9.97 -3.88	143.56 8.78 -17.78	143.33 10.38 0.00	146.38 10.33 0.00	154.48 11.05 0.00	181.62 12.51 0.00	206.28 14.40 0.00	195.12 13.27 0.00	172.76 11.90 0.00	163.49 11.12 0.00	157.14 10.56 0.00	156.66 8.43 -32.68	153.52 8.34 -29.40	153.18 8.11 -32.42	159.55 8.82 -34.63	169.75 8.91 -48.08	199.10 9.28 -73.92	210.96 10.23 -77.41	194.66 9.22 -70.25	177.08 9.28 -48.86	164.42 8.67 -43.11	154.18 8.24 -34.64	155.44 7.96 -35.40
BRENTWOD_69_KV_W. BRTWOOD 56703	152.88 12.37 0.00	147.02 12.73 -3.09	144.30 11.82 -15.49	145.46 12.50 0.00	148.02 11.97 0.00	155.48 12.05 0.00	181.79 12.68 0.00	205.50 13.62 0.00	196.40 14.55 0.00	176.30 15.44 0.00	167.01 14.63 0.00	161.82 15.24 0.00	155.02 12.60 -26.87	153.41 12.74 -24.88	153.61 12.28 -28.69	157.79 12.65 -29.04	163.10 11.95 -38.38	196.88 12.75 -68.22	210.23 14.06 -72.85	194.27 12.44 -66.64	170.55 12.61 -39.01	158.54 11.49 -34.41	152.08 11.69 -29.09	151.21 10.87 -28.26

BRISTLHL_115KV_TB1 79998	141.50 0.98 0.00	132.31 0.79 -0.33	119.56 1.05 -1.51	133.89 0.93 0.00	136.59 0.54 0.00	143.15 -0.29 0.00	168.60 -0.51 0.00	192.65 0.77 0.00	182.40 0.55 0.00	161.18 0.32 0.00	152.83 0.46 0.00	146.87 0.29 0.00	119.73 1.50 -2.68	119.81 1.62 -2.40	116.75 1.46 -2.65	120.90 1.97 -2.83	118.39 1.69 -3.93	124.03 2.09 -6.04	132.36 2.71 -6.32	123.01 2.07 -5.74	124.48 1.55 -3.99	117.63 1.46 -3.52	115.25 1.11 -2.83	115.75 0.78 -2.89
BROOKHAVEN___DRP 24191	152.88 12.37 0.00	146.89 12.60 -3.09	144.30 11.82 -15.49	145.32 12.37 0.00	148.02 11.97 0.00	155.48 12.05 0.00	181.62 12.51 0.00	204.74 12.86 0.00	195.67 13.82 0.00	175.66 14.80 0.00	166.40 14.02 0.00	161.68 15.10 0.00	154.90 12.48 -26.87	153.41 12.74 -24.88	153.50 12.17 -28.69	157.79 12.65 -29.04	162.88 11.73 -38.38	196.77 12.63 -68.22	210.11 13.94 -72.85	194.16 12.33 -66.64	170.32 12.37 -39.01	158.43 11.38 -34.41	153.31 11.91 -30.09	151.32 10.98 -28.26
BROOKLYN_NAVY_YARD 23515	150.64 10.12 0.00	144.00 9.71 -3.09	139.97 8.78 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	178.23 9.13 0.00	203.59 11.71 0.00	194.04 12.19 0.00	172.93 12.07 0.00	163.95 11.58 0.00	158.60 12.02 0.00	151.72 10.05 -26.11	149.45 10.19 -23.47	148.22 9.69 -25.89	153.62 9.86 -27.66	160.41 9.25 -38.39	184.91 9.97 -59.02	196.24 11.10 -61.81	181.20 9.91 -56.09	168.06 10.10 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	149.10 8.75 -28.27
BROOKLYN___ARMY_DRP 323595	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
BROOKVLE_69_KV_TB1 55790	153.02 12.51 0.00	146.49 12.20 -3.09	143.72 11.23 -15.49	144.92 11.97 0.00	147.75 11.70 0.00	155.62 12.19 0.00	181.96 12.85 0.00	206.46 14.58 0.00	197.31 15.46 0.00	177.10 16.25 0.00	167.62 15.24 0.00	162.12 15.54 0.00	155.13 12.71 -26.87	153.41 12.74 -24.88	153.50 12.17 -28.69	157.67 12.54 -29.04	163.22 12.07 -38.38	196.42 12.29 -68.22	209.86 13.69 -72.85	194.39 12.56 -66.64	170.67 12.73 -39.01	158.66 11.60 -34.41	152.03 11.91 -28.81	150.99 10.65 -28.26
BROOME_2_LFGE 323671	142.07 1.55 0.00	132.76 0.53 -1.04	122.58 0.82 -4.76	134.68 1.72 0.00	137.27 1.22 0.00	145.16 1.73 0.00	170.30 1.19 0.00	192.07 0.19 0.00	182.04 0.18 0.00	161.50 0.65 0.00	152.68 0.31 0.00	146.43 -0.15 0.00	123.88 -0.46 -8.79	123.21 -0.46 -7.88	119.30 -0.78 -7.44	124.69 -0.46 -9.06	123.13 -0.67 -11.03	132.52 -0.35 -16.95	144.20 0.12 -20.76	131.96 -0.23 -16.99	129.56 -0.59 -11.21	121.98 -0.56 -9.89	118.48 -0.77 -7.95	120.56 -1.01 -9.49
BROOME___LFGE 323600	142.07 1.55 0.00	132.76 0.53 -1.04	122.58 0.82 -4.76	134.68 1.72 0.00	137.27 1.22 0.00	145.16 1.73 0.00	170.30 1.19 0.00	192.07 0.19 0.00	182.04 0.18 0.00	161.50 0.65 0.00	152.68 0.31 0.00	146.43 -0.15 0.00	123.88 -0.46 -8.79	123.21 -0.46 -7.88	119.30 -0.78 -7.44	124.69 -0.46 -9.06	123.13 -0.67 -11.03	132.52 -0.35 -16.95	144.20 0.12 -20.76	131.96 -0.23 -16.99	129.56 -0.59 -11.21	121.98 -0.56 -9.89	118.48 -0.77 -7.95	120.56 -1.01 -9.49
BROWNFLS_115KV_TB_3_5 80003	140.66 0.14 0.00	130.90 -0.39 -0.10	116.97 -0.47 -0.44	133.49 0.53 0.00	137.00 0.95 0.00	144.01 0.57 0.00	172.15 3.04 0.00	196.10 4.22 0.00	186.22 4.36 0.00	162.63 1.77 0.00	154.36 1.98 0.00	148.63 2.05 0.00	117.32 1.04 -0.73	117.72 1.27 -0.65	115.73 2.37 -0.72	118.73 1.86 -0.77	116.09 2.26 -1.07	118.95 1.39 -1.65	125.91 0.86 -1.72	118.14 1.38 -1.56	122.05 2.02 -1.09	115.74 2.14 -0.96	114.08 2.00 -0.77	114.88 2.02 -0.79
BROWNSV1_27_KV_LOAD 356125	151.90 11.38 0.00	145.18 10.89 -3.09	140.90 9.71 -14.20	143.46 10.50 0.00	146.52 10.48 0.00	154.48 11.04 0.00	180.10 10.99 0.00	205.31 13.43 0.00	195.86 14.00 0.00	175.17 14.32 0.00	165.79 13.41 0.00	160.21 13.63 0.00	152.76 11.09 -26.11	150.61 11.35 -23.47	149.24 10.70 -25.89	154.78 11.03 -27.66	161.65 10.49 -38.39	185.95 11.01 -59.02	197.35 12.21 -61.81	182.23 10.94 -56.09	169.14 11.18 -39.02	157.54 10.48 -34.42	149.54 10.57 -27.66	149.99 9.64 -28.27
BURROWS___LYONSDAL 23803	145.72 5.20 0.00	135.90 4.59 -0.11	121.61 4.09 -0.52	137.74 4.79 0.00	140.95 4.90 0.00	148.74 5.31 0.00	176.38 7.27 0.00	201.47 9.59 0.00	190.76 8.91 0.00	168.10 7.24 0.00	158.78 6.40 0.00	152.59 6.01 0.00	121.06 4.62 -0.89	121.33 4.75 -0.79	118.59 5.07 -0.88	122.37 5.34 -0.94	119.59 5.53 -1.30	123.71 5.80 -2.00	131.58 6.17 -2.09	122.62 5.53 -1.90	125.73 5.47 -1.32	118.76 4.96 -1.17	117.03 4.79 -0.94	117.41 4.37 -0.96
CAITHNESS_CC_1 323624	153.44 12.92 0.00	146.62 12.33 -3.09	143.96 11.47 -15.49	145.85 12.89 0.00	148.43 12.38 0.00	153.62 10.18 0.00	178.74 9.63 0.00	204.54 12.66 0.00	195.12 13.27 0.00	174.69 13.84 0.00	165.93 13.56 0.00	161.09 14.51 0.00	154.55 12.13 -26.87	153.07 12.40 -24.88	153.16 11.82 -28.69	157.32 12.19 -29.04	162.43 11.28 -38.38	196.07 11.94 -68.22	209.37 13.20 -72.85	193.70 11.87 -66.64	169.84 11.89 -39.01	157.98 10.92 -34.41	152.96 11.58 -30.08	150.99 10.65 -28.26
CALPINE BETH_PAGE_GT4 24209	151.76 11.24 0.00	145.71 11.41 -3.09	143.01 10.53 -15.49	143.99 11.04 0.00	146.80 10.75 0.00	154.33 10.90 0.00	180.44 11.33 0.00	203.97 12.09 0.00	194.95 13.09 0.00	174.85 13.99 0.00	165.63 13.26 0.00	160.21 13.63 0.00	153.75 11.32 -26.87	152.02 11.35 -24.88	152.26 10.93 -28.69	156.40 11.26 -29.04	161.86 10.71 -38.38	195.49 11.36 -68.22	208.75 12.58 -72.85	193.12 11.29 -66.64	169.37 11.42 -39.01	157.42 10.36 -34.41	151.25 11.13 -28.81	150.20 9.86 -28.26
CALPINE_BETH_PAGE_GT_4 323586	152.46 11.94 0.00	145.70 11.41 -3.09	143.02 10.53 -15.49	144.52 11.56 0.00	147.48 11.43 0.00	153.62 10.18 0.00	179.42 10.32 0.00	204.17 12.29 0.00	194.95 13.10 0.00	174.52 13.67 0.00	165.63 13.25 0.00	160.21 13.63 0.00	153.75 11.33 -26.87	152.14 11.47 -24.88	152.26 10.92 -28.69	156.39 11.26 -29.04	161.87 10.72 -38.38	195.50 11.37 -68.22	208.75 12.59 -72.85	193.13 11.30 -66.64	169.37 11.42 -39.01	157.41 10.36 -34.41	151.25 11.13 -28.81	150.21 9.87 -28.26
CALPINE_BP_GT1 23823	152.46 11.94 0.00	145.70 11.41 -3.09	143.02 10.53 -15.49	144.52 11.56 0.00	147.48 11.43 0.00	153.62 10.18 0.00	179.42 10.32 0.00	204.17 12.29 0.00	194.95 13.10 0.00	174.52 13.67 0.00	165.63 13.25 0.00	160.21 13.63 0.00	153.75 11.33 -26.87	152.14 11.47 -24.88	152.26 10.92 -28.69	156.39 11.26 -29.04	161.87 10.72 -38.38	195.50 11.37 -68.22	208.75 12.59 -72.85	193.13 11.30 -66.64	169.37 11.42 -39.01	157.41 10.36 -34.41	151.25 11.13 -28.81	150.21 9.87 -28.26
CALSPAN___DRP 24200	137.29 -3.23 0.00	126.40 -5.38 -0.58	115.90 -3.74 -2.65	130.96 -1.99 0.00	132.65 -3.40 0.00	139.85 -3.59 0.00	162.01 -7.10 0.00	179.79 -12.09 0.00	170.58 -11.27 0.00	150.88 -9.97 0.00	143.08 -9.30 0.00	136.46 -10.11 0.00	110.86 -9.59 -4.90	110.81 -9.38 -4.40	104.77 -10.03 -2.16	110.80 -9.98 -4.69	105.69 -10.26 -3.18	110.35 -10.43 -4.87	124.66 -10.24 -11.58	111.36 -10.37 -6.53	111.11 -11.06 -3.23	105.59 -9.91 -2.86	104.26 -9.35 -2.30	108.41 -8.97 -5.29

CALVERTON___SOLAR 323806	154.43 13.91 0.00	147.41 13.12 -3.09	144.77 12.28 -15.49	146.78 13.83 0.00	149.39 13.34 0.00	154.63 11.20 0.00	179.94 10.83 0.00	206.08 14.20 0.00	196.58 14.72 0.00	175.97 15.12 0.00	167.01 14.63 0.00	162.27 15.69 0.00	155.36 12.94 -26.87	153.87 13.19 -24.88	153.95 12.61 -28.69	158.25 13.12 -29.04	163.33 12.18 -38.38	197.11 12.98 -68.22	210.59 14.42 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.86 12.46 -30.10	151.78 11.44 -28.26
CANDIGU_WT_PWR 323617	140.10 -0.42 0.00	129.44 -2.50 -0.74	118.98 -1.40 -3.38	133.22 0.27 0.00	135.24 -0.81 0.00	143.86 0.43 0.00	167.75 -1.36 0.00	186.71 -5.17 0.00	176.57 -5.28 0.00	156.84 -4.02 0.00	147.50 -4.88 0.00	140.86 -5.72 0.00	116.15 -5.66 -6.26	115.73 -5.67 -5.61	107.94 -6.20 -1.49	116.06 -5.80 -5.76	109.21 -5.75 -2.19	113.57 -5.68 -3.34	133.04 -5.06 -14.77	116.15 -5.53 -6.48	114.86 -6.31 -2.22	108.88 -5.74 -1.98	107.11 -5.79 -1.59	112.89 -5.94 -6.76
CARR STREET_E_SYR 24060	138.13 -2.39 0.00	129.44 -2.10 -0.35	116.96 -1.64 -1.60	130.82 -2.13 0.00	133.46 -2.59 0.00	140.99 -2.44 0.00	165.89 -3.22 0.00	187.47 -4.41 0.00	177.68 -4.18 0.00	157.64 -3.22 0.00	149.17 -3.21 0.00	143.21 -3.37 0.00	116.40 -2.08 -2.92	116.33 -2.08 -2.62	113.16 -2.37 -2.89	117.10 -2.09 -3.09	114.68 -2.37 -4.29	120.42 -2.08 -6.59	128.38 -1.85 -6.90	119.50 -1.96 -6.26	120.79 -2.50 -4.36	114.11 -2.37 -3.84	111.94 -2.45 -3.09	112.54 -2.69 -3.16
CARTHAGE___PAPER 23857	145.72 5.20 0.00	135.57 4.20 -0.18	121.55 3.74 -0.81	137.61 4.65 0.00	140.94 4.89 0.00	148.74 5.31 0.00	177.39 8.28 0.00	204.74 12.86 0.00	193.85 12.00 0.00	169.86 9.00 0.00	160.45 8.07 0.00	154.05 7.47 0.00	122.64 5.78 -1.31	123.21 6.25 -1.17	120.81 6.87 -1.30	124.68 7.20 -1.38	122.36 7.67 -1.92	126.86 7.99 -2.95	134.81 8.39 -3.09	125.60 7.60 -2.81	128.39 7.50 -1.95	121.24 6.87 -1.72	119.03 6.34 -1.38	119.32 5.82 -1.41
CASSADAGA_WT_PWR 323784	142.48 1.97 0.00	130.24 -1.57 -0.61	119.54 -0.23 -2.78	136.02 3.06 0.00	137.27 1.22 0.00	146.73 3.30 0.00	169.79 0.68 0.00	188.80 -3.08 0.00	178.94 -2.92 0.00	159.74 -1.12 0.00	150.10 -2.28 0.00	143.06 -3.52 0.00	115.15 -5.54 -5.14	114.84 -5.56 -4.61	108.43 -6.31 -2.10	114.72 -6.27 -4.89	109.32 -6.54 -3.09	113.92 -6.73 -4.74	129.43 -6.04 -12.14	115.24 -6.56 -6.61	114.71 -7.37 -3.14	108.55 -6.87 -2.78	106.87 -6.68 -2.24	111.58 -6.05 -5.55
CE_DUNWOOD___DRP 24194	149.65 9.13 0.00	143.21 8.92 -3.09	139.24 8.07 -14.17	141.73 8.78 0.00	144.76 8.71 0.00	152.47 9.04 0.00	178.07 8.96 0.00	202.63 10.75 0.00	193.13 11.27 0.00	172.60 11.74 0.00	163.50 11.12 0.00	157.87 11.29 0.00	150.86 9.24 -26.06	148.59 9.38 -23.42	147.49 9.01 -25.84	152.98 9.29 -27.60	159.99 8.91 -38.31	184.09 9.27 -58.90	195.24 10.24 -61.68	180.39 9.22 -55.98	167.27 9.40 -38.94	155.78 8.79 -34.35	147.70 8.79 -27.60	148.13 7.85 -28.21
CE_MILLWOOD___DRP 24193	149.37 8.85 0.00	142.93 8.66 -3.08	138.95 7.84 -14.11	141.47 8.51 0.00	144.48 8.44 0.00	152.18 8.75 0.00	177.73 8.62 0.00	202.24 10.36 0.00	192.58 10.73 0.00	172.28 11.42 0.00	163.04 10.67 0.00	157.43 10.85 0.00	150.41 8.90 -25.96	148.15 9.03 -23.33	147.05 8.67 -25.74	152.53 8.94 -27.49	159.50 8.57 -38.17	183.51 8.93 -58.68	194.76 9.99 -61.45	179.83 8.87 -55.76	166.77 9.04 -38.79	155.31 8.45 -34.22	147.37 8.57 -27.50	147.80 7.62 -28.10
CE_NYC2_DRP 24202	151.49 10.96 -0.01	144.80 10.50 -3.10	140.68 9.48 -14.20	143.20 10.24 -0.01	146.26 10.20 -0.01	154.20 10.76 -0.01	179.09 9.98 0.00	203.97 12.09 0.00	194.76 12.91 0.00	182.37 13.67 -7.84	171.00 12.80 -5.82	171.14 13.05 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.11 10.56 -44.45	174.00 10.04 -51.20	185.26 10.32 -59.03	196.49 11.35 -61.82	181.43 10.14 -56.10	168.66 10.70 -39.02	163.06 10.03 -40.39	157.24 10.24 -35.70	150.27 9.30 -28.89
CE_NYC_DRP 24195	150.63 10.12 0.00	144.13 9.84 -3.09	140.08 8.89 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.75 9.64 0.00	203.78 11.90 0.00	194.22 12.37 0.00	173.89 13.03 0.00	164.57 12.19 0.00	159.04 12.46 0.00	151.84 10.17 -26.11	149.57 10.31 -23.47	148.33 9.80 -25.89	153.85 10.10 -27.66	160.74 9.59 -38.39	185.02 10.08 -59.02	196.24 11.10 -61.81	181.19 9.91 -56.09	168.07 10.11 -39.02	156.64 9.57 -34.42	148.65 9.68 -27.66	149.09 8.74 -28.27
CHAFFEE___LFGE 323603	137.99 -2.53 0.00	126.54 -5.25 -0.60	116.22 -3.51 -2.73	131.63 -1.33 0.00	132.93 -3.12 0.00	142.00 -1.43 0.00	163.69 -5.42 0.00	180.95 -10.93 0.00	171.67 -10.18 0.00	153.46 -7.40 0.00	144.15 -8.23 0.00	137.49 -9.09 0.00	111.36 -9.25 -5.05	111.29 -9.03 -4.53	105.09 -9.69 -2.13	111.16 -9.75 -4.82	106.10 -9.81 -3.15	110.76 -9.97 -4.82	125.51 -9.75 -11.93	111.77 -10.02 -6.60	111.43 -10.70 -3.20	105.90 -9.57 -2.83	104.57 -9.01 -2.28	108.79 -8.74 -5.46
CHATEAUG_35_KV_LOAD 355732	137.43 -3.09 0.00	128.05 -3.15 0.00	113.96 -3.04 0.00	130.17 -2.79 0.00	134.14 -1.90 0.00	142.00 -1.43 0.00	170.29 1.18 0.00	192.26 0.38 0.00	183.49 1.64 0.00	160.86 0.00 0.00	152.53 0.15 0.00	146.58 0.00 0.00	114.63 -0.92 0.00	114.63 -1.16 0.00	111.85 -0.79 0.00	114.82 -1.28 0.00	111.75 -1.01 0.00	114.17 -1.74 0.00	120.24 -3.08 0.00	112.31 -2.88 0.00	116.09 -2.85 0.00	109.71 -2.93 0.00	108.52 -2.78 0.00	109.95 -2.13 0.00
CHATEAUG_WT_PWR 323614	137.29 -3.23 0.00	127.92 -3.27 0.00	113.84 -3.15 0.00	130.16 -2.80 0.00	134.01 -2.04 0.00	141.86 -1.57 0.00	169.96 0.85 0.00	191.69 -0.19 0.00	183.14 1.28 0.00	160.54 -0.32 0.00	152.23 -0.15 0.00	146.29 -0.29 0.00	114.40 -1.16 0.00	114.52 -1.27 0.00	111.74 -0.91 0.00	114.58 -1.51 0.00	111.64 -1.13 0.00	113.94 -1.97 0.00	120.12 -3.21 0.00	112.20 -3.00 0.00	115.97 -2.97 0.00	109.71 -2.93 0.00	108.53 -2.78 0.00	109.84 -2.24 0.00
CHAT_HIGH_FALL_HYD 323578	137.43 -3.09 0.00	128.05 -3.15 0.00	113.96 -3.04 0.00	130.17 -2.79 0.00	134.14 -1.90 0.00	142.00 -1.43 0.00	170.29 1.18 0.00	192.26 0.38 0.00	183.49 1.64 0.00	160.86 0.00 0.00	152.53 0.15 0.00	146.58 0.00 0.00	114.63 -0.92 0.00	114.63 -1.16 0.00	111.85 -0.79 0.00	114.82 -1.28 0.00	111.75 -1.01 0.00	114.17 -1.74 0.00	120.24 -3.08 0.00	112.31 -2.88 0.00	116.09 -2.85 0.00	109.71 -2.93 0.00	108.52 -2.78 0.00	109.95 -2.13 0.00
CHAUTAUQUA___LFGE 323629	139.96 -0.56 0.00	128.78 -3.01 -0.59	118.20 -1.52 -2.73	133.63 0.67 0.00	134.96 -1.09 0.00	144.15 0.72 0.00	166.58 -2.53 0.00	184.78 -7.10 0.00	175.31 -6.54 0.00	156.52 -4.34 0.00	146.90 -5.48 0.00	140.13 -6.45 0.00	113.67 -6.93 -5.05	113.48 -6.83 -4.53	107.12 -7.66 -2.14	113.37 -7.54 -4.82	108.03 -7.90 -3.16	112.75 -8.00 -4.84	127.85 -7.40 -11.92	113.96 -7.84 -6.61	113.47 -8.68 -3.21	107.59 -7.89 -2.84	106.02 -7.57 -2.29	110.58 -6.95 -5.45
CHERRYST_13_KV_LD 356241	151.06 10.54 0.00	144.53 10.23 -3.09	140.32 9.13 -14.20	142.80 9.84 0.00	145.98 9.93 0.00	153.76 10.33 0.00	179.25 10.15 0.00	204.35 12.47 0.00	194.95 13.09 0.00	174.53 13.67 0.00	165.18 12.80 0.00	159.62 13.05 0.00	152.30 10.63 -26.11	150.03 10.77 -23.47	148.78 10.25 -25.89	154.32 10.56 -27.66	161.20 10.04 -38.39	185.37 10.43 -59.02	196.73 11.59 -61.81	181.54 10.25 -56.09	168.54 10.59 -39.02	156.98 9.91 -34.42	148.98 10.02 -27.66	149.43 9.08 -28.27

CHESTROR_138KV_BK263 355645	147.82 7.31 0.00	141.16 7.08 -2.88	136.75 6.55 -13.20	140.00 7.05 0.00	142.99 6.94 0.00	150.60 7.17 0.00	176.21 7.10 0.00	200.32 8.44 0.00	190.58 8.73 0.00	170.03 9.17 0.00	160.91 8.53 0.00	155.23 8.65 0.00	147.00 7.16 -24.29	144.91 7.29 -21.83	143.70 6.98 -24.08	149.01 7.20 -25.72	155.46 6.99 -35.70	178.22 7.42 -54.89	189.07 8.26 -57.48	174.73 7.37 -52.16	162.72 7.49 -36.28	151.63 6.98 -32.01	143.93 6.90 -25.72	144.53 6.16 -26.29
CH_MIDHUDSON___DRP 24192	149.65 9.13 0.00	143.13 8.79 -3.14	139.49 8.07 -14.42	141.87 8.91 0.00	144.76 8.71 0.00	152.47 9.04 0.00	178.41 9.30 0.00	202.82 10.94 0.00	192.95 11.09 0.00	172.12 11.26 0.00	162.89 10.51 0.00	157.13 10.55 0.00	150.74 8.67 -26.52	148.43 8.80 -23.84	147.39 8.45 -26.30	152.89 8.71 -28.09	160.33 8.57 -38.99	184.78 8.93 -59.95	195.97 9.87 -62.78	181.04 8.87 -56.97	167.73 9.16 -39.63	156.05 8.45 -34.96	147.86 8.46 -28.09	148.41 7.62 -28.71
CH_MISC_IPPS 23765	150.35 9.83 0.00	143.74 9.45 -3.09	139.83 8.66 -14.18	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	179.08 9.97 0.00	203.98 12.10 0.00	193.85 12.00 0.00	172.59 11.74 0.00	163.65 11.28 0.00	157.71 11.13 0.00	150.88 9.25 -26.08	148.61 9.37 -23.45	147.40 8.90 -25.86	153.01 9.29 -27.62	160.25 9.13 -38.35	184.48 9.62 -58.96	195.67 10.61 -61.74	180.67 9.45 -56.03	167.67 9.76 -38.97	156.04 9.01 -34.38	147.84 8.91 -27.63	148.39 8.07 -28.24
CH_RES_BVR_FALLS 23983	138.13 -2.39 0.00	128.84 -2.36 0.00	114.66 -2.34 0.00	130.70 -2.26 0.00	134.14 -1.90 0.00	141.56 -1.87 0.00	168.27 -0.84 0.00	190.74 -1.14 0.00	180.95 -0.90 0.00	159.09 -1.77 0.00	150.70 -1.67 0.00	144.97 -1.61 0.00	113.82 -1.73 0.00	113.93 -1.86 0.00	111.17 -1.47 0.00	114.36 -1.74 0.00	111.30 -1.47 0.00	113.94 -1.97 0.00	120.73 -2.60 0.00	113.12 -2.07 0.00	117.03 -1.91 0.00	110.73 -1.92 0.00	109.41 -1.89 0.00	110.51 -1.57 0.00
CH_RES_NIAGARA 23895	132.51 -8.01 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.89 -8.16 0.00	134.54 -8.89 0.00	154.23 -14.88 0.00	170.01 -21.87 0.00	161.49 -20.37 0.00	142.84 -18.02 0.00	135.62 -16.76 0.00	129.14 -17.44 0.00	107.30 -12.83 -4.57	107.38 -12.51 -4.10	101.78 -13.07 -2.21	107.50 -13.00 -4.41	101.82 -14.21 -3.26	106.77 -14.14 -5.00	120.18 -13.94 -10.79	107.98 -13.59 -6.38	107.15 -15.11 -3.31	102.39 -13.18 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
CH_RES_SYRACUSE 23985	139.96 -0.56 0.00	131.06 -0.52 -0.38	118.64 -0.12 -1.76	132.56 -0.40 0.00	135.24 -0.81 0.00	142.86 -0.57 0.00	168.10 -1.01 0.00	190.55 -1.33 0.00	180.59 -1.26 0.00	160.06 -0.80 0.00	151.47 -0.91 0.00	145.40 -1.18 0.00	118.50 -0.35 -3.30	118.51 -0.23 -2.96	115.34 -0.56 -3.26	119.35 -0.23 -3.48	117.15 -0.45 -4.84	123.12 -0.23 -7.44	131.36 0.25 -7.79	122.15 -0.12 -7.07	123.26 -0.59 -4.92	116.42 -0.56 -4.34	114.02 -0.77 -3.48	114.63 -1.01 -3.56
CLINTON_WT_PWR 323605	137.29 -3.23 0.00	127.92 -3.27 0.00	113.84 -3.15 0.00	130.16 -2.80 0.00	134.01 -2.04 0.00	141.86 -1.57 0.00	169.96 0.85 0.00	191.69 -0.19 0.00	183.14 1.28 0.00	160.54 -0.32 0.00	152.23 -0.15 0.00	146.29 -0.29 0.00	114.40 -1.16 0.00	114.52 -1.27 0.00	111.74 -0.91 0.00	114.58 -1.51 0.00	111.64 -1.13 0.00	113.94 -1.97 0.00	120.12 -3.21 0.00	112.20 -3.00 0.00	115.97 -2.97 0.00	109.71 -2.93 0.00	108.53 -2.78 0.00	109.84 -2.24 0.00
CLINTON___LFGE 323618	139.39 -1.13 0.00	129.89 -1.31 0.00	115.60 -1.40 0.00	132.16 -0.79 0.00	136.05 0.00 0.00	144.30 0.87 0.00	173.00 3.89 0.00	194.57 2.68 0.00	186.21 4.36 0.00	163.11 2.25 0.00	154.81 2.43 0.00	148.63 2.05 0.00	116.25 0.70 0.00	116.25 0.47 0.00	113.32 0.68 0.00	116.45 0.35 0.00	113.33 0.57 0.00	115.80 -0.12 0.00	122.21 -1.11 0.00	113.82 -1.38 0.00	117.52 -1.42 0.00	111.06 -1.58 0.00	109.85 -1.45 0.00	111.18 -0.90 0.00
COBBLENY_34_KV_TB1 80064	137.99 -2.53 0.00	126.55 -5.25 -0.60	116.22 -3.51 -2.73	131.63 -1.33 0.00	133.33 -2.72 0.00	140.71 -2.73 0.00	163.02 -6.09 0.00	180.94 -10.94 0.00	171.67 -10.18 0.00	152.01 -8.85 0.00	144.15 -8.23 0.00	137.34 -9.23 0.00	111.24 -9.36 -5.05	111.17 -9.15 -4.53	104.98 -9.80 -2.13	111.16 -9.75 -4.82	105.99 -9.92 -3.15	110.65 -10.08 -4.82	125.51 -9.74 -11.93	111.89 -9.91 -6.60	111.55 -10.59 -3.20	105.90 -9.57 -2.83	104.57 -9.02 -2.28	108.79 -8.74 -5.46
COFFEEN___115KV_TB3 355620	148.81 8.29 0.00	138.49 7.08 -0.21	124.26 6.32 -0.94	140.54 7.58 0.00	143.67 7.62 0.00	151.47 8.03 0.00	180.44 11.33 0.00	209.92 18.04 0.00	198.40 16.55 0.00	173.89 13.03 0.00	164.11 11.73 0.00	157.57 10.99 0.00	125.84 8.78 -1.51	126.41 9.26 -1.35	123.94 9.80 -1.49	128.37 10.68 -1.60	126.15 11.16 -2.21	131.14 11.82 -3.40	139.59 12.70 -3.57	129.83 11.40 -3.24	132.13 10.94 -2.25	124.65 10.03 -1.99	122.25 9.35 -1.60	122.23 8.52 -1.63
COLDSPRG_115KV_BK1 355956	143.89 3.37 0.00	129.59 -2.23 -0.62	119.15 -0.70 -2.86	137.34 4.39 0.00	139.04 2.99 0.00	147.02 3.59 0.00	170.97 1.86 0.00	190.92 -0.96 0.00	180.94 -0.91 0.00	160.21 -0.64 0.00	151.77 -0.61 0.00	144.67 -1.91 0.00	114.95 -5.89 -5.29	114.63 -5.91 -4.74	108.25 -6.42 -2.03	114.61 -6.50 -5.01	109.55 -6.20 -2.99	113.76 -6.72 -4.57	129.78 -6.04 -12.49	115.23 -6.57 -6.61	115.32 -6.66 -3.04	108.57 -6.76 -2.69	106.79 -6.68 -2.16	111.40 -6.39 -5.71
COLONIE_LFGE___ 323577	148.24 7.72 0.00	142.63 7.61 -3.83	141.47 6.90 -17.57	140.93 7.98 0.00	143.94 7.89 0.00	151.46 8.03 0.00	177.56 8.45 0.00	201.85 9.97 0.00	191.12 9.27 0.00	169.70 8.84 0.00	160.75 8.38 0.00	154.78 8.20 0.00	154.65 6.82 -32.28	151.54 6.71 -29.04	151.20 6.53 -32.03	157.27 6.97 -34.21	167.14 6.88 -47.49	196.00 7.07 -73.02	207.56 7.77 -76.47	191.73 7.14 -69.39	174.46 7.26 -48.27	161.98 6.76 -42.58	152.09 6.57 -34.22	153.21 6.16 -34.97
COOPERNY_115KV_TB1 80082	146.00 5.48 0.00	138.92 5.38 -2.35	132.79 5.03 -10.76	138.41 5.45 0.00	141.36 5.31 0.00	148.88 5.45 0.00	174.52 5.41 0.00	198.21 6.33 0.00	188.40 6.55 0.00	167.77 6.92 0.00	158.78 6.40 0.00	153.03 6.45 0.00	140.67 5.32 -19.81	139.03 5.44 -17.80	137.46 5.18 -19.63	142.52 5.46 -20.97	147.07 5.19 -29.11	166.23 5.56 -44.76	176.36 6.17 -46.87	163.26 5.53 -42.53	154.12 5.59 -29.58	143.92 5.18 -26.10	137.40 5.12 -20.97	138.11 4.60 -21.44
COPENHAGEN_WT_PWR 323753	146.98 6.47 0.00	136.79 5.38 -0.21	122.89 4.91 -0.98	138.80 5.84 0.00	141.90 5.85 0.00	149.60 6.16 0.00	177.90 8.79 0.00	207.04 15.15 0.00	195.86 14.00 0.00	171.95 11.09 0.00	162.28 9.90 0.00	155.97 9.39 0.00	124.86 7.74 -1.56	125.29 8.10 -1.40	122.74 8.56 -1.55	127.04 9.29 -1.65	124.64 9.58 -2.29	129.52 10.08 -3.52	137.87 10.86 -3.69	128.22 9.68 -3.35	130.55 9.28 -2.33	123.25 8.56 -2.06	120.97 8.02 -1.65	121.05 7.28 -1.69
CORNELL_____ 23752	144.03 3.51 0.00	134.70 2.76 -0.74	123.21 2.81 -3.41	136.41 3.46 0.00	139.18 3.13 0.00	147.02 3.59 0.00	173.17 4.06 0.00	196.29 4.41 0.00	185.85 4.00 0.00	164.07 3.22 0.00	155.12 2.74 0.00	148.78 2.20 0.00	123.49 1.62 -6.32	123.07 1.62 -5.66	132.53 1.35 -18.54	126.97 1.97 -8.90	142.12 2.32 -27.55	160.67 2.32 -42.44	141.56 3.33 -14.91	149.40 2.53 -31.67	149.08 2.14 -28.00	139.23 1.91 -24.67	132.56 1.45 -19.81	120.02 1.12 -6.82

CORONA V_69_KV_TB1 355595	152.46 11.94 0.00	145.97 11.68 -3.09	143.13 10.65 -15.49	144.39 11.43 0.00	147.21 11.16 0.00	154.91 11.47 0.00	180.95 11.84 0.00	205.31 13.43 0.00	196.22 14.37 0.00	175.98 15.12 0.00	166.70 14.32 0.00	161.24 14.66 0.00	154.44 12.02 -26.87	152.71 12.04 -24.88	152.82 11.49 -28.69	156.98 11.84 -29.04	162.54 11.39 -38.38	196.07 11.94 -68.22	209.24 13.07 -72.85	193.70 11.87 -66.64	169.96 12.01 -39.01	158.09 11.04 -34.41	151.47 11.35 -28.81	150.54 10.20 -28.26
CORTLAND_115KV_TB3 80093	142.77 2.25 0.00	133.52 1.71 -0.61	121.68 1.87 -2.81	135.22 2.26 0.00	137.95 1.90 0.00	145.73 2.29 0.00	171.48 2.37 0.00	194.18 2.30 0.00	184.04 2.18 0.00	162.79 1.93 0.00	154.05 1.68 0.00	147.75 1.17 0.00	121.66 0.92 -5.19	121.37 0.93 -4.65	121.86 0.79 -8.42	123.34 1.16 -6.08	126.29 1.01 -12.51	136.56 1.39 -19.25	137.67 2.10 -12.25	132.67 1.50 -15.98	132.73 1.07 -12.71	124.86 1.01 -11.21	120.97 0.67 -9.00	118.13 0.45 -5.60
COXSACKIE__GT 23611	153.87 13.36 0.00	144.65 9.84 -3.61	142.69 9.13 -16.56	145.32 12.37 0.00	148.56 12.51 0.00	156.19 12.76 0.00	183.47 14.37 0.00	207.62 15.74 0.00	195.86 14.00 0.00	172.59 11.74 0.00	163.04 10.66 0.00	156.55 9.97 0.00	153.01 7.05 -30.41	150.08 6.95 -27.35	149.79 6.99 -30.16	155.40 7.08 -32.22	164.93 7.44 -44.73	192.90 8.23 -68.76	204.22 8.88 -72.01	188.03 7.48 -65.35	172.12 7.73 -45.45	159.84 7.10 -40.10	150.43 6.90 -32.23	152.64 7.63 -32.93
CPV_VALLEY__CC1 323721	146.69 6.18 0.00	139.92 6.04 -2.69	134.94 5.62 -12.33	138.95 5.99 0.00	141.90 5.85 0.00	149.18 5.74 0.00	174.52 5.41 0.00	198.78 6.90 0.00	188.94 7.09 0.00	168.42 7.56 0.00	159.54 7.16 0.00	153.90 7.33 0.00	144.36 6.12 -22.68	142.42 6.25 -20.39	141.09 5.97 -22.49	146.27 6.15 -24.02	152.08 5.97 -33.34	173.43 6.25 -51.26	184.03 7.03 -53.68	170.13 6.22 -48.72	159.13 6.30 -33.89	148.39 5.85 -29.89	141.22 5.90 -24.02	141.79 5.16 -24.55
CPV_VALLEY__CC2 323722	146.69 6.18 0.00	139.92 6.04 -2.69	134.94 5.62 -12.33	138.95 5.99 0.00	141.90 5.85 0.00	149.18 5.74 0.00	174.52 5.41 0.00	198.78 6.90 0.00	188.94 7.09 0.00	168.42 7.56 0.00	159.54 7.16 0.00	153.90 7.33 0.00	144.36 6.12 -22.68	142.42 6.25 -20.39	141.09 5.97 -22.49	146.27 6.15 -24.02	152.08 5.97 -33.34	173.43 6.25 -51.26	184.03 7.03 -53.68	170.13 6.22 -48.72	159.13 6.30 -33.89	148.39 5.85 -29.89	141.22 5.90 -24.02	141.79 5.16 -24.55
CRESCENT__HYD 24018	148.24 7.72 0.00	142.63 7.61 -3.83	141.47 6.90 -17.57	140.93 7.98 0.00	143.94 7.89 0.00	151.46 8.03 0.00	177.56 8.45 0.00	201.85 9.97 0.00	191.12 9.27 0.00	169.70 8.84 0.00	160.75 8.38 0.00	154.78 8.20 0.00	154.65 6.82 -32.28	151.54 6.71 -29.04	151.20 6.53 -32.03	157.27 6.97 -34.21	167.14 6.88 -47.49	196.00 7.07 -73.02	207.56 7.77 -76.47	191.73 7.14 -69.39	174.46 7.26 -48.27	161.98 6.76 -42.58	152.09 6.57 -34.22	153.21 6.16 -34.97
CRICKET__VALLEY_CC1 323756	148.10 7.58 0.00	142.19 7.74 -3.25	138.93 7.02 -14.91	140.67 7.71 0.00	143.66 7.61 0.00	150.89 7.45 0.00	176.37 7.27 0.00	200.90 9.02 0.00	190.76 8.91 0.00	170.02 9.16 0.00	161.06 8.68 0.00	155.52 8.94 0.00	150.49 7.51 -27.43	147.97 7.52 -24.66	147.06 7.22 -27.20	152.81 7.66 -29.05	160.65 7.56 -40.33	185.68 7.77 -62.00	196.76 8.50 -64.93	181.84 7.72 -58.92	167.77 7.85 -40.99	156.12 7.32 -36.16	147.71 7.34 -29.06	148.27 6.50 -29.70
CRICKET__VALLEY_CC2 323757	148.10 7.58 0.00	142.19 7.74 -3.25	138.93 7.02 -14.91	140.67 7.71 0.00	143.66 7.61 0.00	150.89 7.45 0.00	176.37 7.27 0.00	200.90 9.02 0.00	190.76 8.91 0.00	170.02 9.16 0.00	161.06 8.68 0.00	155.52 8.94 0.00	150.49 7.51 -27.43	147.97 7.52 -24.66	147.06 7.22 -27.20	152.81 7.66 -29.05	160.65 7.56 -40.33	185.68 7.77 -62.00	196.76 8.50 -64.93	181.84 7.72 -58.92	167.77 7.85 -40.99	156.12 7.32 -36.16	147.71 7.34 -29.06	148.27 6.50 -29.70
CRICKET__VALLEY_CC3 323758	148.10 7.58 0.00	142.19 7.74 -3.25	138.93 7.02 -14.91	140.67 7.71 0.00	143.66 7.61 0.00	150.89 7.45 0.00	176.37 7.27 0.00	200.90 9.02 0.00	190.76 8.91 0.00	170.02 9.16 0.00	161.06 8.68 0.00	155.52 8.94 0.00	150.49 7.51 -27.43	147.97 7.52 -24.66	147.06 7.22 -27.20	152.81 7.66 -29.05	160.65 7.56 -40.33	185.68 7.77 -62.00	196.76 8.50 -64.93	181.84 7.72 -58.92	167.77 7.85 -40.99	156.12 7.32 -36.16	147.71 7.34 -29.06	148.27 6.50 -29.70
CRUCIBLE_METL_DRP 24180	139.96 -0.56 0.00	131.06 -0.52 -0.38	118.64 -0.12 -1.76	132.56 -0.40 0.00	135.37 -0.68 0.00	142.57 -0.86 0.00	167.75 -1.35 0.00	190.54 -1.34 0.00	180.58 -1.27 0.00	159.73 -1.13 0.00	151.46 -0.91 0.00	145.41 -1.17 0.00	118.39 -0.46 -3.30	118.40 -0.35 -2.96	115.34 -0.56 -3.26	119.35 -0.23 -3.48	117.15 -0.45 -4.84	123.12 -0.23 -7.44	131.36 0.25 -7.79	122.15 -0.12 -7.07	123.26 -0.59 -4.92	116.42 -0.56 -4.34	114.01 -0.78 -3.48	114.63 -1.01 -3.56
DAHOWA__HYDRO 323763	151.76 11.25 0.00	145.84 10.76 -3.89	144.29 9.47 -17.82	144.25 11.29 0.00	147.34 11.29 0.00	155.77 12.34 0.00	183.31 14.21 0.00	208.18 16.30 0.00	196.77 14.92 0.00	174.37 13.51 0.00	164.87 12.50 0.00	158.31 11.73 0.00	157.64 9.36 -32.73	154.38 9.15 -29.45	154.02 8.90 -32.48	160.42 9.63 -34.69	170.63 9.70 -48.16	200.16 10.20 -74.04	212.09 11.22 -77.54	195.70 10.14 -70.37	178.12 10.23 -48.95	165.28 9.46 -43.18	155.02 9.01 -34.70	156.17 8.63 -35.46
DANC__LFGE 323619	144.45 3.93 0.00	134.73 3.28 -0.26	121.33 3.16 -1.17	136.55 3.59 0.00	139.45 3.40 0.00	146.87 3.44 0.00	173.84 4.73 0.00	203.59 11.71 0.00	192.58 10.73 0.00	169.38 8.52 0.00	160.14 7.77 0.00	154.05 7.47 0.00	124.22 6.82 -1.86	124.52 7.06 -1.66	121.80 7.32 -1.84	126.06 8.00 -1.96	123.72 8.23 -2.72	128.79 8.70 -4.19	136.96 9.25 -4.38	127.35 8.18 -3.98	129.43 7.73 -2.77	122.30 7.22 -2.44	120.06 6.79 -1.96	120.24 6.16 -2.00
DANSKAMMER__1 23586	150.35 9.83 0.00	143.74 9.45 -3.09	139.83 8.66 -14.18	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	179.08 9.97 0.00	203.98 12.10 0.00	193.85 12.00 0.00	172.59 11.74 0.00	163.65 11.28 0.00	157.71 11.13 0.00	150.88 9.25 -26.08	148.61 9.37 -23.45	147.40 8.90 -25.86	153.01 9.29 -27.62	160.25 9.13 -38.35	184.48 9.62 -58.96	195.67 10.61 -61.74	180.67 9.45 -56.03	167.67 9.76 -38.97	156.04 9.01 -34.38	147.84 8.91 -27.63	148.39 8.07 -28.24
DANSKAMMER__2 23589	150.35 9.83 0.00	143.74 9.45 -3.09	139.83 8.66 -14.18	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	179.08 9.97 0.00	203.98 12.10 0.00	193.85 12.00 0.00	172.59 11.74 0.00	163.65 11.28 0.00	157.71 11.13 0.00	150.88 9.25 -26.08	148.61 9.37 -23.45	147.40 8.90 -25.86	153.01 9.29 -27.62	160.25 9.13 -38.35	184.48 9.62 -58.96	195.67 10.61 -61.74	180.67 9.45 -56.03	167.67 9.76 -38.97	156.04 9.01 -34.38	147.84 8.91 -27.63	148.39 8.07 -28.24
DANSKAMMER__3 23590	150.35 9.83 0.00	143.74 9.45 -3.09	139.83 8.66 -14.18	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	179.08 9.97 0.00	203.98 12.10 0.00	193.85 12.00 0.00	172.59 11.74 0.00	163.65 11.28 0.00	157.71 11.13 0.00	150.88 9.25 -26.08	148.61 9.37 -23.45	147.40 8.90 -25.86	153.01 9.29 -27.62	160.25 9.13 -38.35	184.48 9.62 -58.96	195.67 10.61 -61.74	180.67 9.45 -56.03	167.67 9.76 -38.97	156.04 9.01 -34.38	147.84 8.91 -27.63	148.39 8.07 -28.24

DANSKAMMER___4 23591	150.35 9.83 0.00	143.74 9.45 -3.09	139.83 8.66 -14.18	142.40 9.44 0.00	145.57 9.52 0.00	152.90 9.46 0.00	179.08 9.97 0.00	203.98 12.10 0.00	193.85 12.00 0.00	172.59 11.74 0.00	163.65 11.28 0.00	157.71 11.13 0.00	150.88 9.25 -26.08	148.61 9.37 -23.45	147.40 8.90 -25.86	153.01 9.29 -27.62	160.25 9.13 -38.35	184.48 9.62 -58.96	195.67 10.61 -61.74	180.67 9.45 -56.03	167.67 9.76 -38.97	156.04 9.01 -34.38	147.84 8.91 -27.63	148.39 8.07 -28.24
DANSKAMMER___DIESEL 23592	150.35 9.84 0.00	143.74 9.45 -3.09	139.83 8.66 -14.18	142.40 9.44 0.00	145.44 9.39 0.00	153.19 9.75 0.00	179.42 10.32 0.00	203.78 11.90 0.00	193.86 12.00 0.00	172.92 12.06 0.00	163.65 11.28 0.00	157.72 11.14 0.00	150.88 9.24 -26.08	148.61 9.38 -23.45	147.40 8.90 -25.86	153.01 9.29 -27.62	160.25 9.13 -38.35	184.49 9.62 -58.96	195.67 10.61 -61.74	180.67 9.45 -56.03	167.67 9.75 -38.97	156.03 9.01 -34.38	147.84 8.90 -27.63	148.38 8.07 -28.24
DARBY___SOLAR 323810	150.92 10.40 0.00	145.04 9.97 -3.88	143.67 8.89 -17.78	143.46 10.50 0.00	146.53 10.48 0.00	154.63 11.20 0.00	181.95 12.85 0.00	206.66 14.78 0.00	195.50 13.65 0.00	173.08 12.22 0.00	163.81 11.43 0.00	157.27 10.69 0.00	156.90 8.67 -32.68	153.63 8.45 -29.40	153.29 8.22 -32.43	159.67 8.94 -34.64	169.87 9.02 -48.08	199.34 9.51 -73.92	211.10 10.36 -77.41	194.77 9.33 -70.25	177.20 9.39 -48.87	164.54 8.79 -43.11	154.30 8.35 -34.64	155.56 8.07 -35.40
DASHVILLE___HYD 23610	149.23 8.71 0.00	140.94 6.56 -3.18	137.79 6.20 -14.60	141.47 8.51 0.00	144.48 8.44 0.00	152.04 8.61 0.00	177.90 8.79 0.00	202.24 10.36 0.00	192.04 10.18 0.00	171.31 10.46 0.00	161.98 9.60 0.00	156.11 9.53 0.00	149.09 6.70 -26.84	146.86 6.95 -24.13	145.79 6.53 -26.61	151.37 6.85 -28.43	159.11 6.88 -39.46	183.88 7.30 -60.67	195.00 8.14 -63.53	179.99 7.14 -57.66	166.42 7.37 -40.10	154.78 6.76 -35.38	146.41 6.68 -28.43	146.96 5.83 -29.06
DEERFIELD_69_KV_DEERFIELD LD 355887	156.68 16.16 0.00	150.17 15.87 -3.09	147.23 14.74 -15.49	148.78 15.82 0.00	151.56 15.51 0.00	159.35 15.92 0.00	186.53 17.42 0.00	210.11 18.23 0.00	200.95 19.09 0.00	180.32 19.46 0.00	170.66 18.29 0.00	165.49 18.91 0.00	157.91 15.48 -26.87	156.30 15.63 -24.88	156.43 15.09 -28.69	160.81 15.67 -29.04	165.92 14.77 -38.38	200.13 16.00 -68.22	213.68 17.51 -72.85	197.50 15.67 -66.64	173.65 15.70 -39.01	161.47 14.42 -34.41	156.21 14.80 -30.10	154.13 13.79 -28.26
DELAWARE___LFGE 323621	146.56 6.04 0.00	138.20 5.64 -1.36	128.49 5.26 -6.23	139.07 6.12 0.00	142.04 5.99 0.00	149.60 6.17 0.00	175.70 6.60 0.00	199.17 7.29 0.00	189.13 7.27 0.00	167.77 6.92 0.00	158.78 6.40 0.00	152.88 6.30 0.00	132.00 4.85 -11.59	130.97 4.86 -10.32	128.64 4.62 -11.38	133.24 4.99 -12.15	134.38 4.74 -16.87	147.07 5.22 -25.94	156.16 5.67 -27.16	144.91 5.07 -24.65	141.08 5.00 -17.15	132.50 4.73 -15.13	128.02 4.56 -12.16	128.54 4.03 -12.42
DERFIELD_115KV_TB7 355931	142.34 1.83 0.00	133.03 1.84 0.00	118.64 1.64 0.00	134.82 1.86 0.00	137.82 1.77 0.00	145.15 1.72 0.00	170.80 1.69 0.00	193.80 1.92 0.00	183.67 1.82 0.00	162.79 1.93 0.00	154.21 1.83 0.00	148.48 1.91 0.00	117.17 1.62 0.00	117.41 1.62 0.00	114.11 1.46 0.00	117.72 1.63 0.00	114.23 1.47 0.00	117.53 1.62 0.00	125.17 1.85 0.00	116.81 1.61 0.00	120.49 1.55 0.00	114.11 1.46 0.00	112.75 1.45 0.00	113.31 1.23 0.00
DOGLEVILLE___HYD 23807	147.40 6.88 0.00	137.63 6.43 0.00	122.84 5.85 0.00	139.60 6.65 0.00	142.71 6.66 0.00	150.46 7.03 0.00	176.37 7.27 0.00	200.13 8.25 0.00	189.49 7.64 0.00	168.10 7.25 0.00	159.39 7.01 0.00	153.18 6.60 0.00	120.52 4.97 0.00	120.54 4.75 0.00	116.92 4.28 0.00	120.40 4.30 0.00	116.71 3.94 0.00	119.73 3.82 0.00	127.39 4.06 0.00	118.65 3.45 0.00	122.27 3.33 0.00	116.14 3.50 0.00	114.76 3.45 0.00	115.44 3.36 0.00
DUNKIRK___115KV_TB_200 55889	139.67 -0.84 0.00	128.51 -3.28 -0.59	117.97 -1.75 -2.72	133.22 0.27 0.00	134.96 -1.09 0.00	142.57 -0.86 0.00	165.39 -3.72 0.00	184.20 -7.68 0.00	174.58 -7.27 0.00	154.58 -6.27 0.00	146.43 -5.94 0.00	139.54 -7.04 0.00	113.19 -7.40 -5.04	113.13 -7.18 -4.52	106.90 -7.88 -2.15	113.13 -7.78 -4.81	107.81 -8.12 -3.16	112.53 -8.23 -4.85	127.57 -7.65 -11.90	113.74 -8.06 -6.61	113.35 -8.80 -3.22	107.38 -8.11 -2.85	105.91 -7.68 -2.29	110.35 -7.17 -5.44
DUNKIRK___1 23563	139.67 -0.84 0.00	128.51 -3.28 -0.59	117.97 -1.75 -2.72	133.22 0.27 0.00	134.96 -1.09 0.00	142.57 -0.86 0.00	165.39 -3.72 0.00	184.20 -7.68 0.00	174.58 -7.27 0.00	154.58 -6.27 0.00	146.43 -5.94 0.00	139.54 -7.04 0.00	113.19 -7.40 -5.04	113.13 -7.18 -4.52	106.90 -7.88 -2.15	113.13 -7.78 -4.81	107.81 -8.12 -3.16	112.53 -8.23 -4.85	127.57 -7.65 -11.90	113.74 -8.06 -6.61	113.35 -8.80 -3.22	107.38 -8.11 -2.85	105.91 -7.68 -2.29	110.35 -7.17 -5.44
DUNKIRK___2 23564	139.67 -0.84 0.00	128.51 -3.28 -0.59	117.97 -1.75 -2.72	133.22 0.27 0.00	134.96 -1.09 0.00	142.57 -0.86 0.00	165.39 -3.72 0.00	184.20 -7.68 0.00	174.58 -7.27 0.00	154.58 -6.27 0.00	146.43 -5.94 0.00	139.54 -7.04 0.00	113.19 -7.40 -5.04	113.13 -7.18 -4.52	106.90 -7.88 -2.15	113.13 -7.78 -4.81	107.81 -8.12 -3.16	112.53 -8.23 -4.85	127.57 -7.65 -11.90	113.74 -8.06 -6.61	113.35 -8.80 -3.22	107.38 -8.11 -2.85	105.91 -7.68 -2.29	110.35 -7.17 -5.44
DUNKIRK___3 23565	138.55 -1.97 0.00	127.46 -4.33 -0.59	116.90 -2.81 -2.71	132.16 -0.80 0.00	133.87 -2.18 0.00	141.43 -2.01 0.00	164.03 -5.07 0.00	182.48 -9.40 0.00	173.12 -8.73 0.00	153.14 -7.72 0.00	145.06 -7.31 0.00	138.37 -8.21 0.00	112.25 -8.32 -5.02	112.07 -8.22 -4.50	106.02 -8.79 -2.17	112.18 -8.71 -4.79	106.94 -9.02 -3.20	111.77 -9.04 -4.90	126.54 -8.63 -11.85	112.84 -8.99 -6.63	112.56 -9.63 -3.25	106.73 -8.79 -2.88	105.27 -8.35 -2.31	109.43 -8.07 -5.42
DUNKIRK___4 23566	138.55 -1.97 0.00	127.46 -4.33 -0.59	116.90 -2.81 -2.71	132.16 -0.80 0.00	133.87 -2.18 0.00	141.43 -2.01 0.00	164.03 -5.07 0.00	182.48 -9.40 0.00	173.12 -8.73 0.00	153.14 -7.72 0.00	145.06 -7.31 0.00	138.37 -8.21 0.00	112.25 -8.32 -5.02	112.07 -8.22 -4.50	106.02 -8.79 -2.17	112.18 -8.71 -4.79	106.94 -9.02 -3.20	111.77 -9.04 -4.90	126.54 -8.63 -11.85	112.84 -8.99 -6.63	112.56 -9.63 -3.25	106.73 -8.79 -2.88	105.27 -8.35 -2.31	109.43 -8.07 -5.42
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	150.07 9.56 0.00	143.61 9.32 -3.10	139.62 8.42 -14.20	142.00 9.04 0.00	145.03 8.98 0.00	152.76 9.32 0.00	178.41 9.30 0.00	203.20 11.32 0.00	193.67 11.82 0.00	173.24 12.39 0.00	163.96 11.58 0.00	158.45 11.87 0.00	151.37 9.71 -26.11	149.10 9.84 -23.47	147.88 9.35 -25.89	153.39 9.64 -27.66	160.41 9.25 -38.39	184.56 9.62 -59.03	195.74 10.61 -61.81	180.85 9.56 -56.10	167.71 9.75 -39.02	156.19 9.12 -34.42	148.21 9.24 -27.66	148.53 8.18 -28.27
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	148.95 8.43 0.00	142.33 8.13 -3.00	138.24 7.49 -13.75	141.07 8.11 0.00	144.08 8.03 0.00	151.75 8.32 0.00	177.73 8.62 0.00	202.05 10.17 0.00	192.04 10.18 0.00	171.47 10.62 0.00	162.13 9.75 0.00	156.40 9.82 0.00	148.94 8.09 -25.30	146.86 8.34 -22.74	145.61 7.88 -25.08	151.01 8.13 -26.79	157.96 8.01 -37.19	181.55 8.46 -57.18	192.57 9.37 -59.88	177.94 8.41 -54.34	165.30 8.56 -37.79	153.87 7.88 -33.34	146.00 7.90 -26.79	146.52 7.06 -27.38

E179THST_138_KV_TB4_REV_LBMP_J 345001	151.20 10.68 -0.01	144.80 10.50 -3.10	140.80 9.59 -14.20	143.47 10.50 -0.01	146.53 10.48 -0.01	154.20 10.76 -0.01	178.24 9.13 0.00	203.01 11.13 0.00	193.86 12.00 0.00	173.72 12.87 0.01	164.41 12.04 0.01	158.88 12.31 0.01	151.83 10.17 -26.11	149.56 10.31 -23.47	148.33 9.80 -25.89	153.73 9.98 -27.65	160.74 9.59 -38.39	184.68 9.74 -59.03	195.99 10.85 -61.82	180.97 9.68 -56.10	168.07 10.11 -39.02	156.64 9.57 -34.42	148.66 9.68 -27.67	149.21 8.85 -28.28
E179THST_13_KV_LOAD 356214	151.77 11.24 -0.01	145.45 11.15 -3.10	141.26 10.06 -14.20	144.00 11.04 -0.01	147.08 11.02 -0.01	154.92 11.47 -0.01	178.92 9.81 0.00	203.97 12.09 0.00	194.76 12.91 0.00	174.68 13.83 0.01	165.32 12.95 0.01	159.76 13.19 0.01	152.41 10.75 -26.11	150.14 10.88 -23.47	148.89 10.36 -25.89	154.43 10.68 -27.65	161.30 10.15 -38.39	185.37 10.43 -59.03	196.61 11.47 -61.82	181.66 10.37 -56.10	168.78 10.82 -39.02	157.20 10.14 -34.42	149.22 10.24 -27.67	149.77 9.41 -28.28
EAST HAMPTON___GT 23717	159.62 19.11 0.00	151.88 17.59 -3.09	148.86 16.38 -15.49	151.43 18.47 0.00	154.29 18.24 0.00	159.92 16.49 0.00	186.53 17.42 0.00	213.56 21.68 0.00	203.67 21.81 0.00	182.25 21.40 0.00	172.94 20.56 0.00	167.54 20.96 0.00	159.52 17.10 -26.87	157.93 17.26 -24.88	158.00 16.67 -28.69	162.54 17.41 -29.04	167.61 16.46 -38.38	201.64 17.50 -68.22	215.65 19.48 -72.85	199.23 17.40 -66.64	175.44 17.49 -39.01	163.04 15.99 -34.41	157.77 16.37 -30.10	155.58 15.24 -28.26
EAST RIVER___6 23660	150.35 9.83 0.00	143.74 9.45 -3.09	139.62 8.43 -14.20	142.12 9.17 0.00	145.31 9.26 0.00	152.62 9.19 0.00	178.06 8.96 0.00	203.39 11.51 0.00	194.23 12.37 0.00	173.41 12.55 0.00	164.57 12.19 0.00	159.03 12.45 0.00	151.95 10.28 -26.11	149.69 10.43 -23.47	148.33 9.79 -25.89	153.85 10.10 -27.66	160.74 9.58 -38.39	185.01 10.08 -59.02	196.24 11.10 -61.81	181.07 9.79 -56.09	168.06 10.10 -39.02	156.41 9.34 -34.42	148.42 9.46 -27.66	148.86 8.51 -28.27
EAST RIVER___7 23524	150.35 9.83 0.00	143.74 9.45 -3.09	139.62 8.43 -14.20	142.12 9.17 0.00	145.31 9.26 0.00	152.62 9.19 0.00	178.06 8.96 0.00	203.39 11.51 0.00	194.23 12.37 0.00	173.41 12.55 0.00	164.57 12.19 0.00	159.03 12.45 0.00	151.95 10.28 -26.11	149.69 10.43 -23.47	148.33 9.79 -25.89	153.85 10.10 -27.66	160.74 9.58 -38.39	185.01 10.08 -59.02	196.24 11.10 -61.81	181.07 9.79 -56.09	168.06 10.10 -39.02	156.41 9.34 -34.42	148.42 9.46 -27.66	148.86 8.51 -28.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	149.65 9.13 0.00	143.21 8.92 -3.09	139.24 8.07 -14.17	141.73 8.78 0.00	144.76 8.71 0.00	152.47 9.04 0.00	178.07 8.96 0.00	202.63 10.75 0.00	193.13 11.27 0.00	172.60 11.74 0.00	163.50 11.12 0.00	157.87 11.29 0.00	150.86 9.24 -26.06	148.59 9.38 -23.42	147.49 9.01 -25.84	152.98 9.29 -27.60	159.99 8.91 -38.31	184.09 9.27 -58.90	195.24 10.24 -61.68	180.39 9.22 -55.98	167.27 9.40 -38.94	155.78 8.79 -34.35	147.70 8.79 -27.60	148.13 7.85 -28.21
EAST_HAMPTON___DIESEL 23722	159.62 19.11 0.00	152.00 17.70 -3.09	148.86 16.38 -15.49	151.57 18.61 0.00	154.29 18.24 0.00	159.92 16.49 0.00	186.53 17.42 0.00	213.56 21.68 0.00	203.67 21.81 0.00	182.25 21.40 0.00	172.94 20.56 0.00	167.69 21.11 0.00	159.52 17.10 -26.87	158.04 17.36 -24.88	158.00 16.67 -28.69	162.54 17.41 -29.04	167.61 16.46 -38.38	201.64 17.50 -68.22	215.65 19.48 -72.85	199.34 17.50 -66.64	175.44 17.49 -39.01	163.16 16.11 -34.41	157.77 16.37 -30.10	155.70 15.36 -28.26
EAST_POINT___SOLAR 323840	153.17 12.65 0.00	147.27 11.81 -4.25	146.92 10.41 -19.51	145.45 12.49 0.00	148.70 12.65 0.00	157.34 13.91 0.00	185.69 16.58 0.00	210.30 18.42 0.00	196.94 15.09 0.00	172.28 11.42 0.00	161.67 9.30 0.00	154.93 8.35 0.00	161.49 9.13 -36.81	156.80 8.69 -32.32	156.51 8.22 -35.65	163.58 9.40 -38.08	175.79 10.15 -52.87	208.66 11.48 -81.27	221.26 12.83 -85.11	203.95 11.52 -77.24	184.09 11.42 -53.73	170.62 10.59 -47.40	159.07 9.68 -38.09	160.08 9.07 -38.93
EAST_PULASKI___ESR 323781	143.05 2.53 0.00	133.59 2.09 -0.30	120.47 2.11 -1.37	135.35 2.40 0.00	138.09 2.04 0.00	144.72 1.29 0.00	170.63 1.52 0.00	199.75 7.87 0.00	188.94 7.09 0.00	166.64 5.78 0.00	157.85 5.48 0.00	151.85 5.27 0.00	123.55 5.78 -2.22	123.80 6.02 -1.99	120.80 5.97 -2.20	125.06 6.61 -2.35	122.67 6.65 -3.26	127.99 7.07 -5.01	136.21 7.65 -5.24	126.63 6.68 -4.76	128.43 6.18 -3.31	121.41 5.85 -2.92	119.10 5.45 -2.35	119.40 4.93 -2.40
EAST_RIVER___1 323558	150.77 10.25 0.00	144.14 9.84 -3.09	140.08 8.89 -14.20	142.54 9.58 0.00	145.71 9.66 0.00	153.04 9.61 0.00	178.40 9.29 0.00	203.78 11.90 0.00	194.23 12.37 0.00	173.56 12.70 0.00	164.57 12.19 0.00	159.03 12.45 0.00	151.95 10.28 -26.11	149.69 10.43 -23.47	148.33 9.79 -25.89	153.85 10.10 -27.66	160.74 9.58 -38.39	185.01 10.08 -59.02	196.24 11.10 -61.81	181.20 9.91 -56.09	168.06 10.10 -39.02	156.63 9.57 -34.42	148.64 9.68 -27.66	149.10 8.75 -28.27
EAST_RIVER___2 323559	150.35 9.83 0.00	143.74 9.45 -3.09	139.62 8.43 -14.20	142.12 9.17 0.00	145.31 9.26 0.00	152.62 9.19 0.00	178.06 8.96 0.00	203.39 11.51 0.00	194.23 12.37 0.00	173.41 12.55 0.00	164.57 12.19 0.00	159.03 12.45 0.00	151.95 10.28 -26.11	149.69 10.43 -23.47	148.33 9.79 -25.89	153.85 10.10 -27.66	160.74 9.58 -38.39	185.01 10.08 -59.02	196.24 11.10 -61.81	181.07 9.79 -56.09	168.06 10.10 -39.02	156.41 9.34 -34.42	148.42 9.46 -27.66	148.86 8.51 -28.27
EAST___DELAWARE_HYD 23607	149.79 9.27 0.00	142.68 8.66 -2.83	138.03 8.07 -12.96	141.73 8.77 0.00	144.89 8.84 0.00	152.33 8.90 0.00	178.91 9.80 0.00	203.39 11.51 0.00	193.13 11.28 0.00	171.80 10.94 0.00	162.59 10.21 0.00	156.55 9.97 0.00	147.60 8.21 -23.84	145.56 8.34 -21.43	144.28 8.00 -23.64	149.71 8.36 -25.25	156.28 8.46 -35.05	178.85 9.05 -53.89	189.88 10.11 -56.44	175.28 8.87 -51.22	163.60 9.04 -35.62	152.52 8.45 -31.43	144.80 8.24 -25.26	145.28 7.40 -25.81
EIGHT_POINT___WT_PWR 323820	141.92 1.41 0.00	130.98 -0.91 -0.69	120.30 0.12 -3.18	135.08 2.12 0.00	137.13 1.08 0.00	146.45 3.02 0.00	171.14 2.04 0.00	190.34 -1.54 0.00	179.68 -2.17 0.00	159.41 -1.45 0.00	149.64 -2.74 0.00	142.63 -3.95 0.00	116.82 -4.63 -5.89	116.43 -4.64 -5.28	106.76 -5.40 0.48	116.07 -5.11 -5.08	106.72 -5.30 0.75	108.93 -5.79 1.19	132.17 -5.06 -13.91	112.75 -5.76 -3.32	111.41 -6.77 0.76	105.57 -6.42 0.65	104.11 -6.68 0.51	111.26 -7.18 -6.36
ELBRIDGE_115KV_TB2 80188	138.69 -1.83 0.00	129.89 -1.71 -0.40	117.67 -1.17 -1.84	131.36 -1.60 0.00	134.01 -2.04 0.00	141.43 -2.01 0.00	166.23 -2.87 0.00	188.43 -3.45 0.00	178.58 -3.27 0.00	157.96 -2.90 0.00	149.79 -2.59 0.00	143.65 -2.93 0.00	117.20 -1.85 -3.50	117.19 -1.74 -3.14	114.08 -2.03 -3.46	118.05 -1.74 -3.70	115.98 -1.92 -5.13	122.18 -1.62 -7.89	130.35 -1.23 -8.26	121.20 -1.50 -7.50	122.13 -2.02 -5.22	115.33 -1.91 -4.60	113.00 -2.00 -3.70	113.62 -2.24 -3.78
ELEC_TRO_TEK 24086	151.48 10.96 0.00	145.18 10.89 -3.09	142.55 10.06 -15.49	143.59 10.64 0.00	146.39 10.34 0.00	154.19 10.76 0.00	180.10 10.99 0.00	204.35 12.47 0.00	195.13 13.28 0.00	175.01 14.16 0.00	165.79 13.41 0.00	160.36 13.78 0.00	153.63 11.21 -26.87	152.02 11.35 -24.88	152.15 10.81 -28.69	156.28 11.15 -29.04	161.86 10.71 -38.38	195.26 11.13 -68.22	208.50 12.33 -72.85	193.01 11.17 -66.64	169.25 11.30 -39.01	157.42 10.36 -34.41	150.80 10.69 -28.81	149.87 9.53 -28.26

ELLENBURG_WT_PWR 323604	137.29 -3.23 0.00	127.92 -3.27 0.00	113.84 -3.15 0.00	130.16 -2.80 0.00	134.01 -2.04 0.00	141.86 -1.57 0.00	169.96 0.85 0.00	191.69 -0.19 0.00	183.14 1.28 0.00	160.54 -0.32 0.00	152.23 -0.15 0.00	146.29 -0.29 0.00	114.40 -1.16 0.00	114.52 -1.27 0.00	111.74 -0.91 0.00	114.58 -1.51 0.00	111.64 -1.13 0.00	113.94 -1.97 0.00	120.12 -3.21 0.00	112.20 -3.00 0.00	115.97 -2.97 0.00	109.71 -2.93 0.00	108.53 -2.78 0.00	109.84 -2.24 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	136.02 -4.50 0.00	126.12 -5.64 -0.57	115.62 -3.98 -2.60	129.77 -3.19 0.00	131.42 -4.63 0.00	138.70 -4.73 0.00	160.48 -8.62 0.00	177.87 -14.01 0.00	168.76 -13.09 0.00	149.27 -11.58 0.00	141.56 -10.82 0.00	135.00 -11.58 0.00	110.42 -9.94 -4.80	110.37 -9.73 -4.31	104.43 -10.36 -2.16	110.49 -10.22 -4.60	105.12 -10.83 -3.18	109.89 -10.90 -4.87	124.06 -10.61 -11.34	110.94 -10.71 -6.46	110.52 -11.66 -3.23	105.25 -10.25 -2.86	104.03 -9.57 -2.30	108.08 -9.19 -5.19
EMPIRE_CC_1 323656	146.28 5.76 0.00	140.61 5.77 -3.65	139.01 5.27 -16.74	138.95 5.99 0.00	141.90 5.85 0.00	149.02 5.59 0.00	174.02 4.91 0.00	198.20 6.32 0.00	187.67 5.82 0.00	166.97 6.11 0.00	158.63 6.25 0.00	152.88 6.30 0.00	151.64 5.32 -30.77	148.78 5.33 -27.67	148.34 5.18 -30.52	154.15 5.46 -32.60	162.97 4.96 -45.25	190.46 4.98 -69.57	201.36 5.18 -72.85	186.26 4.95 -66.11	170.04 5.11 -45.99	158.40 5.18 -40.57	149.03 5.12 -32.60	150.10 4.71 -33.32
EMPIRE_CC_2 323658	146.28 5.76 0.00	140.61 5.77 -3.65	139.01 5.27 -16.74	138.95 5.99 0.00	141.90 5.85 0.00	149.02 5.59 0.00	174.02 4.91 0.00	198.20 6.32 0.00	187.67 5.82 0.00	166.97 6.11 0.00	158.63 6.25 0.00	152.88 6.30 0.00	151.64 5.32 -30.77	148.78 5.33 -27.67	148.34 5.18 -30.52	154.15 5.46 -32.60	162.97 4.96 -45.25	190.46 4.98 -69.57	201.36 5.18 -72.85	186.26 4.95 -66.11	170.04 5.11 -45.99	158.40 5.18 -40.57	149.03 5.12 -32.60	150.10 4.71 -33.32
ENORWICH_115KV_TB1 80156	155.27 14.75 0.00	144.79 12.60 -1.00	133.27 11.70 -4.57	146.78 13.83 0.00	149.79 13.74 0.00	158.92 15.49 0.00	188.39 19.28 0.00	213.56 21.68 0.00	201.68 19.82 0.00	177.59 16.73 0.00	166.85 14.48 0.00	160.06 13.49 0.00	133.63 9.59 -8.48	132.63 9.26 -7.58	133.88 8.90 -12.34	135.62 9.87 -9.65	140.79 9.70 -18.32	155.23 11.13 -28.19	155.99 12.70 -19.97	150.13 10.94 -23.99	147.79 10.23 -18.62	138.29 9.24 -16.42	132.95 8.46 -13.19	129.06 7.85 -9.13
ERIE_ST__34_KV_TB1-2 80199	139.39 -1.12 0.00	125.35 -6.43 -0.58	114.99 -4.68 -2.68	132.96 0.00 0.00	134.69 -1.36 0.00	142.14 -1.29 0.00	164.88 -4.23 0.00	183.25 -8.63 0.00	173.85 -8.00 0.00	153.94 -6.92 0.00	145.98 -6.40 0.00	139.10 -7.48 0.00	110.34 -10.17 -4.96	110.27 -9.96 -4.44	104.46 -10.36 -2.18	110.28 -10.56 -4.74	105.95 -10.04 -3.22	110.42 -10.43 -4.94	124.42 -10.61 -11.70	111.09 -10.71 -6.61	111.51 -10.70 -3.28	105.51 -10.03 -2.90	103.95 -9.68 -2.33	107.68 -9.75 -5.35
ERIE_WT_PWR 323693	137.29 -3.23 0.00	126.52 -5.25 -0.58	116.02 -3.63 -2.65	130.97 -1.99 0.00	132.24 -3.81 0.00	141.29 -2.15 0.00	162.85 -6.25 0.00	179.98 -11.90 0.00	170.75 -11.10 0.00	152.66 -8.20 0.00	143.24 -9.14 0.00	136.61 -9.97 0.00	110.98 -9.47 -4.90	110.92 -9.27 -4.40	104.88 -9.91 -2.16	110.92 -9.87 -4.69	105.69 -10.26 -3.18	110.47 -10.32 -4.87	124.79 -10.11 -11.58	111.47 -10.25 -6.53	110.99 -11.18 -3.23	105.59 -9.91 -2.86	104.37 -9.24 -2.30	108.40 -8.97 -5.29
ESPRGFLD_115KV_TB1 80157	148.25 7.73 0.00	138.28 7.08 0.00	123.43 6.43 0.00	140.67 7.71 0.00	143.80 7.75 0.00	151.90 8.46 0.00	178.92 9.81 0.00	202.82 10.94 0.00	192.04 10.18 0.00	169.38 8.53 0.00	159.84 7.47 0.00	153.76 7.18 0.00	122.48 6.01 -0.92	121.58 5.79 0.00	118.16 5.52 0.00	122.37 6.27 0.00	119.08 6.31 0.00	123.10 7.19 0.00	131.34 8.02 0.00	122.22 7.03 0.00	125.72 6.78 0.00	118.95 6.31 0.00	116.98 5.68 0.00	117.12 5.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	143.89 3.37 0.00	134.56 2.62 -0.74	123.08 2.69 -3.40	136.28 3.32 0.00	138.91 2.86 0.00	146.88 3.44 0.00	173.00 3.89 0.00	195.91 4.03 0.00	185.49 3.64 0.00	163.75 2.90 0.00	154.97 2.59 0.00	148.63 2.05 0.00	123.35 1.50 -6.29	122.93 1.51 -5.64	129.94 1.24 -16.06	126.38 1.86 -8.43	138.32 1.69 -23.87	154.87 2.20 -36.75	141.26 3.08 -14.86	145.61 2.42 -28.00	145.22 2.02 -24.26	135.81 1.80 -21.37	129.80 1.34 -17.16	119.88 1.01 -6.79
ETNA____115KV_TB2 80207	143.89 3.37 0.00	134.56 2.62 -0.74	123.08 2.69 -3.40	136.28 3.32 0.00	138.91 2.86 0.00	146.88 3.44 0.00	173.00 3.89 0.00	195.91 4.03 0.00	185.49 3.64 0.00	163.75 2.90 0.00	154.97 2.59 0.00	148.63 2.05 0.00	123.35 1.50 -6.29	122.93 1.51 -5.64	129.94 1.24 -16.06	126.38 1.86 -8.43	138.32 1.69 -23.87	154.87 2.20 -36.75	141.26 3.08 -14.86	145.61 2.42 -28.00	145.22 2.02 -24.26	135.81 1.80 -21.37	129.80 1.34 -17.16	119.88 1.01 -6.79
EUCLID____115KV_TB2 356179	137.57 -2.95 0.00	129.04 -2.49 -0.33	116.54 -1.99 -1.53	130.43 -2.53 0.00	133.06 -2.99 0.00	140.28 -3.16 0.00	164.88 -4.23 0.00	186.32 -5.56 0.00	176.76 -5.09 0.00	156.51 -4.34 0.00	148.26 -4.11 0.00	142.33 -4.25 0.00	115.57 -2.77 -2.79	115.63 -2.66 -2.50	112.47 -2.93 -2.76	116.37 -2.67 -2.95	113.92 -2.93 -4.09	119.53 -2.67 -6.29	127.57 -2.34 -6.58	118.64 -2.53 -5.98	120.12 -2.97 -4.16	113.49 -2.82 -3.67	111.36 -2.89 -2.95	112.06 -3.03 -3.01
E_CANADA_CAP_HY 24051	149.93 9.42 0.00	144.41 8.79 -4.42	145.00 7.72 -20.28	142.26 9.30 0.00	145.57 9.52 0.00	153.77 10.33 0.00	180.94 11.83 0.00	205.11 13.23 0.00	193.50 11.65 0.00	170.18 9.33 0.00	160.30 7.92 0.00	154.34 7.76 0.00	161.10 7.17 -38.38	156.09 6.71 -33.59	156.22 6.53 -37.05	163.21 7.54 -39.57	175.37 7.67 -54.93	208.94 8.58 -84.45	221.39 9.63 -88.44	203.98 8.52 -80.26	183.09 8.32 -55.83	169.78 7.88 -49.25	158.11 7.23 -39.58	159.14 6.61 -40.45
E_CANADA_MHWK_HY 24050	147.40 6.88 0.00	137.63 6.43 0.00	122.84 5.85 0.00	139.60 6.65 0.00	142.71 6.66 0.00	150.46 7.03 0.00	176.37 7.27 0.00	200.13 8.25 0.00	189.49 7.64 0.00	168.10 7.25 0.00	159.39 7.01 0.00	153.18 6.60 0.00	120.52 4.97 0.00	120.54 4.75 0.00	116.92 4.28 0.00	120.40 4.30 0.00	116.71 3.94 0.00	119.73 3.82 0.00	127.39 4.06 0.00	118.65 3.45 0.00	122.27 3.33 0.00	116.14 3.50 0.00	114.76 3.45 0.00	115.44 3.36 0.00
E_FISHKILL____LBMP 23776	148.81 8.29 0.00	142.49 8.13 -3.16	138.86 7.37 -14.49	140.93 7.98 0.00	143.94 7.89 0.00	151.61 8.18 0.00	177.22 8.12 0.00	201.47 9.59 0.00	191.67 9.82 0.00	171.31 10.46 0.00	162.13 9.75 0.00	156.55 9.97 0.00	150.41 8.20 -26.65	148.08 8.34 -23.96	146.95 7.88 -26.43	152.57 8.24 -28.22	159.84 7.89 -39.18	184.38 8.23 -60.24	195.53 9.13 -63.08	180.62 8.18 -57.25	167.09 8.33 -39.82	155.54 7.77 -35.13	147.33 7.79 -28.23	147.99 7.06 -28.85
FALCON____SEABRD_CC1 323796	138.55 -1.97 0.00	129.09 -2.10 0.00	114.89 -2.10 0.00	131.23 -1.73 0.00	135.24 -0.81 0.00	143.15 -0.29 0.00	171.65 2.54 0.00	192.46 0.58 0.00	184.94 3.09 0.00	162.14 1.28 0.00	153.75 1.37 0.00	147.75 1.17 0.00	115.55 0.00 0.00	115.56 -0.23 0.00	112.64 0.00 0.00	115.63 -0.46 0.00	112.54 -0.23 0.00	114.98 -0.93 0.00	121.23 -2.10 0.00	113.00 -2.19 0.00	116.80 -2.14 0.00	110.39 -2.25 0.00	109.19 -2.12 0.00	110.51 -1.57 0.00

FALCON___SEABRD_CC2 323797	138.55 -1.97 0.00	129.09 -2.10 0.00	114.89 -2.10 0.00	131.23 -1.73 0.00	135.24 -0.81 0.00	143.15 -0.29 0.00	171.65 2.54 0.00	192.46 0.58 0.00	184.94 3.09 0.00	162.14 1.28 0.00	153.75 1.37 0.00	147.75 1.17 0.00	115.55 0.00 0.00	115.56 -0.23 0.00	112.64 0.00 0.00	115.63 -0.46 0.00	112.54 -0.23 0.00	114.98 -0.93 0.00	121.23 -2.10 0.00	113.00 -2.19 0.00	116.80 -2.14 0.00	110.39 -2.25 0.00	109.19 -2.12 0.00	110.51 -1.57 0.00
FAR ROCKAWAY___4 23548	155.13 14.61 0.00	148.33 14.04 -3.09	145.24 12.75 -15.49	146.78 13.83 0.00	149.65 13.60 0.00	157.63 14.20 0.00	184.33 15.22 0.00	209.34 17.46 0.00	200.04 18.19 0.00	179.52 18.66 0.00	170.05 17.68 0.00	164.31 17.74 0.00	156.87 14.44 -26.87	155.15 14.47 -24.88	155.19 13.85 -28.69	159.41 14.28 -29.04	164.91 13.76 -38.38	198.51 14.37 -68.22	212.20 16.03 -72.85	196.23 14.40 -66.64	172.58 14.63 -39.01	160.46 13.40 -34.41	153.58 13.47 -28.81	152.67 12.33 -28.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	150.78 10.26 0.00	144.26 9.97 -3.09	140.09 8.89 -14.20	142.53 9.57 0.00	145.71 9.66 0.00	153.47 10.04 0.00	178.75 9.64 0.00	203.78 11.90 0.00	194.40 12.55 0.00	173.89 13.03 0.00	164.57 12.19 0.00	159.18 12.61 0.00	151.95 10.28 -26.11	149.68 10.42 -23.47	148.45 9.91 -25.89	153.85 10.10 -27.66	160.75 9.59 -38.39	185.02 10.08 -59.02	196.24 11.10 -61.81	181.31 10.02 -56.09	168.19 10.23 -39.02	156.64 9.57 -34.42	148.65 9.68 -27.66	149.20 8.85 -28.27
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	150.92 10.40 0.00	144.26 9.97 -3.09	140.20 9.01 -14.20	142.66 9.71 0.00	145.71 9.66 0.00	153.47 10.04 0.00	178.92 9.81 0.00	203.78 11.90 0.00	194.40 12.55 0.00	173.89 13.03 0.00	164.57 12.19 0.00	159.18 12.61 0.00	151.95 10.28 -26.11	149.68 10.42 -23.47	148.45 9.91 -25.89	153.85 10.10 -27.66	160.86 9.70 -38.39	185.02 10.08 -59.02	196.36 11.22 -61.81	181.31 10.02 -56.09	168.19 10.23 -39.02	156.64 9.57 -34.42	148.76 9.79 -27.66	149.20 8.85 -28.27
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	150.78 10.26 0.00	144.13 9.84 -3.09	140.09 8.89 -14.20	142.53 9.57 0.00	145.57 9.52 0.00	153.47 10.04 0.00	178.75 9.64 0.00	203.78 11.90 0.00	194.22 12.37 0.00	173.73 12.87 0.00	164.57 12.19 0.00	159.04 12.46 0.00	151.84 10.17 -26.11	149.57 10.31 -23.47	148.33 9.80 -25.89	153.74 9.98 -27.66	160.75 9.59 -38.39	184.90 9.97 -59.02	196.24 11.10 -61.81	181.20 9.91 -56.09	168.07 10.11 -39.02	156.53 9.46 -34.42	148.65 9.68 -27.66	149.09 8.74 -28.27
FARRAGUT___LBMP 323566	150.63 10.12 0.00	144.13 9.84 -3.09	139.97 8.77 -14.20	142.40 9.44 0.00	145.44 9.39 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	173.56 12.71 0.00	164.42 12.04 0.00	158.89 12.31 0.00	151.72 10.05 -26.11	149.45 10.19 -23.47	148.22 9.69 -25.89	153.62 9.87 -27.66	160.63 9.47 -38.39	184.79 9.85 -59.02	196.11 10.98 -61.81	181.08 9.79 -56.09	167.95 9.99 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	148.98 8.63 -28.27
FENNER___WINDPWR 24204	144.88 4.36 0.00	135.42 3.81 -0.42	122.55 3.63 -1.92	137.08 4.13 0.00	140.00 3.95 0.00	148.16 4.73 0.00	174.86 5.75 0.00	198.20 6.32 0.00	187.67 5.82 0.00	166.00 5.15 0.00	156.94 4.57 0.00	150.68 4.10 0.00	122.32 3.23 -3.53	122.20 3.24 -3.17	121.06 3.04 -5.38	123.65 3.48 -4.08	124.02 3.27 -7.99	131.91 3.71 -12.29	135.99 4.31 -8.35	129.12 3.57 -10.35	130.38 3.33 -8.12	122.84 3.04 -7.15	119.72 2.67 -5.75	118.36 2.46 -3.82
FIBERTEK___ENERGY 23856	139.96 -0.56 0.00	131.06 -0.52 -0.38	118.64 -0.12 -1.76	132.56 -0.40 0.00	135.37 -0.68 0.00	142.57 -0.86 0.00	167.75 -1.35 0.00	190.54 -1.34 0.00	180.58 -1.27 0.00	159.73 -1.13 0.00	151.46 -0.91 0.00	145.41 -1.17 0.00	118.39 -0.46 -3.30	118.40 -0.35 -2.96	115.34 -0.56 -3.26	119.35 -0.23 -3.48	117.15 -0.45 -4.84	123.12 -0.23 -7.44	131.36 0.25 -7.79	122.15 -0.12 -7.07	123.26 -0.59 -4.92	116.42 -0.56 -4.34	114.01 -0.78 -3.48	114.63 -1.01 -3.56
FITZPATRICK___ 23598	135.46 -5.05 0.00	126.98 -4.46 -0.24	114.25 -3.86 -1.11	128.44 -4.52 0.00	131.02 -5.03 0.00	138.41 -5.02 0.00	162.68 -6.43 0.00	184.00 -7.88 0.00	174.39 -7.46 0.00	154.58 -6.28 0.00	146.28 -6.10 0.00	140.56 -6.02 0.00	113.22 -4.39 -2.06	113.35 -4.28 -1.85	110.28 -4.39 -2.04	113.86 -4.41 -2.18	111.27 -4.51 -3.02	116.15 -4.40 -4.64	123.87 -4.32 -4.86	115.35 -4.26 -4.41	117.37 -4.64 -3.07	110.96 -4.39 -2.71	109.14 -4.34 -2.18	109.82 -4.49 -2.22
FLOWRFLD_69_KV_BK1 356044	152.88 12.37 0.00	147.15 12.86 -3.09	144.65 12.17 -15.49	145.59 12.63 0.00	148.16 12.11 0.00	155.48 12.05 0.00	181.11 12.01 0.00	204.54 12.66 0.00	195.67 13.82 0.00	175.66 14.80 0.00	166.40 14.02 0.00	161.68 15.10 0.00	154.90 12.48 -26.87	153.41 12.74 -24.88	153.50 12.17 -28.69	157.67 12.54 -29.04	162.76 11.61 -38.38	196.65 12.52 -68.22	209.98 13.81 -72.85	194.04 12.21 -66.64	170.32 12.37 -39.01	158.43 11.38 -34.41	153.98 12.13 -30.54	151.44 11.10 -28.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	150.63 10.12 0.00	144.01 9.71 -3.10	140.13 8.89 -14.24	142.66 9.71 0.00	145.71 9.66 0.00	153.47 10.04 0.00	179.76 10.65 0.00	204.35 12.47 0.00	194.22 12.37 0.00	173.24 12.39 0.00	163.96 11.58 0.00	158.01 11.43 0.00	151.22 9.48 -26.19	149.06 9.73 -23.54	147.85 9.24 -25.97	153.36 9.52 -27.74	160.63 9.36 -38.51	184.96 9.85 -59.20	196.30 10.98 -62.00	181.13 9.68 -56.26	168.06 9.99 -39.13	156.40 9.24 -34.52	148.17 9.13 -27.74	148.73 8.29 -28.35
FORT ORANGE___ 23900	147.54 7.02 0.00	140.73 5.77 -3.76	139.52 5.27 -17.26	139.34 6.38 0.00	142.31 6.26 0.00	149.60 6.16 0.00	174.02 4.91 0.00	197.25 5.37 0.00	186.77 4.91 0.00	165.68 4.82 0.00	157.25 4.87 0.00	151.41 4.83 0.00	151.15 3.93 -31.66	148.20 3.94 -28.47	147.99 3.94 -31.41	153.02 3.37 -33.55	162.16 2.82 -46.57	190.41 2.90 -71.60	201.51 3.20 -74.98	186.00 2.76 -68.05	169.12 2.85 -47.33	157.10 2.70 -41.76	147.87 3.01 -33.56	150.63 4.26 -34.29
FORT_DRUM_COGEN 23780	147.40 6.89 0.00	137.17 5.77 -0.20	123.05 5.15 -0.90	139.07 6.12 0.00	142.31 6.26 0.00	149.89 6.45 0.00	178.58 9.47 0.00	207.61 15.73 0.00	196.40 14.55 0.00	172.12 11.26 0.00	162.59 10.21 0.00	156.11 9.53 0.00	124.74 7.74 -1.45	125.19 8.11 -1.30	122.75 8.67 -1.43	126.91 9.29 -1.53	124.59 9.70 -2.12	129.38 10.20 -3.26	137.60 10.85 -3.42	128.09 9.79 -3.10	130.49 9.40 -2.16	123.11 8.56 -1.90	120.85 8.01 -1.53	120.93 7.29 -1.56
FOX_HILLS___ESR 323835	249.00 10.68 -97.80	227.81 10.23 -86.38	212.01 9.13 -85.89	218.23 9.84 -75.44	220.11 9.80 -74.27	229.13 10.33 -75.37	279.75 9.81 -100.83	320.15 12.09 -116.18	313.59 12.91 -118.83	286.34 13.67 -111.81	275.26 12.95 -109.93	275.40 13.19 -115.63	269.11 10.75 -142.82	266.85 10.88 -140.17	265.60 10.36 -142.59	272.80 10.68 -146.03	376.96 10.26 -253.93	392.55 10.55 -266.09	497.23 11.72 -362.19	374.19 10.48 -248.51	373.84 10.94 -243.96	368.13 10.36 -245.12	205.99 10.35 -84.34	166.52 9.41 -45.02
FPL FAR_ROCK_GT1 24212	155.70 15.18 -0.01	148.34 14.04 -3.09	145.24 12.75 -15.49	147.19 14.23 0.00	150.07 14.02 0.00	157.07 13.63 0.00	183.65 14.55 0.00	209.52 17.64 0.00	200.04 18.18 0.00	179.19 18.33 -0.01	170.05 17.67 -0.01	164.31 17.73 -0.01	156.87 14.44 -26.87	155.15 14.47 -24.89	155.19 13.85 -28.70	159.42 14.28 -29.04	164.91 13.75 -38.39	198.51 14.37 -68.23	212.19 16.03 -72.85	196.24 14.40 -66.64	172.58 14.63 -39.01	160.46 13.40 -34.42	153.58 13.46 -28.82	152.67 12.33 -28.27

FPL FAR_ROCK_GT2 23815	155.70 15.18 -0.01	148.34 14.04 -3.09	145.24 12.75 -15.49	147.19 14.23 0.00	150.07 14.02 0.00	157.07 13.63 0.00	183.65 14.55 0.00	209.52 17.64 0.00	200.04 18.18 0.00	179.19 18.33 -0.01	170.05 17.67 -0.01	164.31 17.73 -0.01	156.87 14.44 -26.87	155.15 14.47 -24.89	155.19 13.85 -28.70	159.42 14.28 -29.04	164.91 13.75 -38.39	198.51 14.37 -68.23	212.19 16.03 -72.85	196.24 14.40 -66.64	172.58 14.63 -39.01	160.46 13.40 -34.42	153.58 13.46 -28.82	152.67 12.33 -28.27
FRANKLIN_FALL_HYD 24054	139.11 -1.41 0.00	129.62 -1.57 0.00	115.24 -1.75 0.00	132.16 -0.80 0.00	136.05 0.00 0.00	144.01 0.57 0.00	173.00 3.89 0.00	195.33 3.45 0.00	186.22 4.36 0.00	162.63 1.77 0.00	154.51 2.13 0.00	148.34 1.76 0.00	116.02 0.46 0.00	116.14 0.35 0.00	113.32 0.68 0.00	116.21 0.12 0.00	113.22 0.45 0.00	115.45 -0.46 0.00	121.72 -1.60 0.00	113.81 -1.38 0.00	117.87 -1.07 0.00	111.52 -1.13 0.00	110.19 -1.11 0.00	111.52 -0.56 0.00
FREEPORT_EQUS_GT1 23764	153.17 12.65 0.00	146.23 11.94 -3.09	143.37 10.88 -15.49	145.05 12.10 0.00	148.02 11.98 0.00	154.33 10.90 0.00	180.27 11.16 0.00	205.70 13.82 0.00	196.41 14.55 0.00	175.65 14.79 0.00	166.86 14.48 0.00	161.24 14.66 0.00	154.55 12.13 -26.87	152.94 12.27 -24.89	152.94 11.60 -28.70	157.21 12.07 -29.04	162.77 11.62 -38.38	196.30 12.17 -68.22	209.74 13.57 -72.85	194.04 12.20 -66.64	170.32 12.37 -39.01	158.32 11.26 -34.41	151.69 11.58 -28.81	150.77 10.43 -28.26
FREEPORT___CT2 23818	153.17 12.65 0.00	146.23 11.94 -3.09	143.37 10.88 -15.49	145.05 12.10 0.00	148.02 11.98 0.00	154.33 10.90 0.00	180.27 11.16 0.00	205.70 13.82 0.00	196.41 14.55 0.00	175.65 14.79 0.00	166.86 14.48 0.00	161.24 14.66 0.00	154.55 12.13 -26.87	152.94 12.27 -24.89	152.94 11.60 -28.70	157.21 12.07 -29.04	162.77 11.62 -38.38	196.30 12.17 -68.22	209.74 13.57 -72.85	194.04 12.20 -66.64	170.32 12.37 -39.01	158.32 11.26 -34.41	151.69 11.58 -28.81	150.77 10.43 -28.26
FRESHKLS_33_KV_LOAD 356253	248.57 10.26 -97.80	227.42 9.84 -86.38	211.66 8.77 -85.89	217.70 9.31 -75.44	219.70 9.39 -74.27	228.70 9.90 -75.37	279.24 9.30 -100.83	319.76 11.70 -116.18	313.23 12.55 -118.83	286.02 13.35 -111.81	274.80 12.49 -109.93	274.96 12.75 -115.63	268.77 10.40 -142.82	266.50 10.54 -140.17	265.26 10.03 -142.59	272.57 10.45 -146.03	376.73 10.04 -253.93	392.32 10.32 -266.09	496.98 11.47 -362.19	373.96 10.25 -248.51	373.61 10.70 -243.96	367.90 10.14 -245.12	205.66 10.02 -84.34	166.29 9.19 -45.02
FULTON COGEN____ 23766	141.50 0.98 0.00	132.31 0.79 -0.33	119.56 1.05 -1.51	133.89 0.93 0.00	136.59 0.54 0.00	143.15 -0.29 0.00	168.60 -0.51 0.00	192.65 0.77 0.00	182.40 0.55 0.00	161.18 0.32 0.00	152.83 0.46 0.00	146.87 0.29 0.00	119.73 1.50 -2.68	119.81 1.62 -2.40	116.75 1.46 -2.65	120.90 1.97 -2.83	118.39 1.69 -3.93	124.03 2.09 -6.04	132.36 2.71 -6.32	123.01 2.07 -5.74	124.48 1.55 -3.99	117.63 1.46 -3.52	115.25 1.11 -2.83	115.75 0.78 -2.89
FULTON___LFGE 323630	151.76 11.25 0.00	146.03 10.62 -4.21	145.56 9.24 -19.32	144.13 11.17 0.00	147.34 11.29 0.00	155.62 12.18 0.00	183.47 14.37 0.00	207.80 15.92 0.00	196.05 14.19 0.00	172.59 11.74 0.00	162.74 10.37 0.00	156.40 9.82 0.00	160.52 8.55 -36.42	156.01 8.22 -32.00	155.83 7.88 -35.30	162.74 8.94 -37.71	174.36 9.25 -52.34	206.59 10.20 -80.47	218.94 11.34 -84.28	201.81 10.14 -76.48	182.24 10.10 -53.20	168.92 9.34 -46.93	157.59 8.57 -37.71	158.70 8.07 -38.54
G.F.CEMENT___DRP 24184	153.44 12.93 0.00	147.30 12.20 -3.90	145.64 10.76 -17.88	145.72 12.76 0.00	148.97 12.92 0.00	158.06 14.63 0.00	186.36 17.25 0.00	211.64 19.76 0.00	200.22 18.37 0.00	177.26 16.41 0.00	167.31 14.93 0.00	160.36 13.78 0.00	159.24 10.86 -32.82	155.85 10.54 -29.53	155.46 10.25 -32.57	162.03 11.15 -34.79	172.34 11.28 -48.30	201.98 11.82 -74.25	214.03 12.95 -77.76	197.39 11.63 -70.56	179.80 11.78 -49.08	166.87 10.93 -43.30	156.34 10.24 -34.80	157.61 9.97 -35.56
GARDENVILLE___LBMP 24039	136.86 -3.65 0.00	126.26 -5.51 -0.58	115.78 -3.86 -2.64	130.43 -2.53 0.00	132.24 -3.81 0.00	139.42 -4.02 0.00	161.50 -7.61 0.00	179.22 -12.66 0.00	170.03 -11.82 0.00	150.40 -10.46 0.00	142.63 -9.75 0.00	135.88 -10.70 0.00	110.73 -9.71 -4.89	110.56 -9.61 -4.38	104.64 -10.14 -2.13	110.67 -10.10 -4.67	105.43 -10.49 -3.15	110.18 -10.55 -4.82	124.50 -10.36 -11.54	111.20 -10.48 -6.48	110.96 -11.18 -3.20	105.45 -10.03 -2.83	104.23 -9.35 -2.28	108.28 -9.08 -5.28
GARDNVLA_35_KV_LD 355827	137.43 -3.09 0.00	126.53 -5.25 -0.58	116.14 -3.51 -2.65	131.10 -1.86 0.00	132.78 -3.27 0.00	140.13 -3.30 0.00	162.34 -6.76 0.00	179.98 -11.90 0.00	170.76 -11.09 0.00	151.21 -9.65 0.00	143.39 -8.99 0.00	136.61 -9.97 0.00	111.10 -9.36 -4.91	111.04 -9.15 -4.40	105.01 -9.80 -2.16	111.04 -9.75 -4.70	105.81 -10.15 -3.19	110.49 -10.32 -4.89	124.93 -9.99 -11.59	111.60 -10.14 -6.55	111.36 -10.82 -3.25	105.71 -9.80 -2.87	104.49 -9.13 -2.31	108.64 -8.74 -5.30
GELCKHM___115KV_LOAD 80723	138.55 -1.97 0.00	129.71 -1.84 -0.35	117.33 -1.29 -1.62	131.23 -1.73 0.00	133.87 -2.18 0.00	141.14 -2.29 0.00	166.06 -3.04 0.00	187.85 -4.03 0.00	178.03 -3.82 0.00	157.64 -3.22 0.00	149.48 -2.90 0.00	143.50 -3.08 0.00	116.58 -1.96 -2.99	116.62 -1.85 -2.68	113.57 -2.03 -2.96	117.40 -1.86 -3.16	115.13 -2.03 -4.39	120.80 -1.85 -6.75	129.03 -1.36 -7.07	119.99 -1.61 -6.41	121.26 -2.14 -4.46	114.66 -1.91 -3.93	112.35 -2.11 -3.16	113.07 -2.24 -3.23
GENERAL___MILLS 23808	137.29 -3.23 0.00	126.40 -5.38 -0.58	115.90 -3.74 -2.65	130.96 -1.99 0.00	132.65 -3.40 0.00	139.85 -3.59 0.00	162.01 -7.10 0.00	179.79 -12.09 0.00	170.58 -11.27 0.00	150.88 -9.97 0.00	143.08 -9.30 0.00	136.46 -10.11 0.00	110.86 -9.59 -4.90	110.81 -9.38 -4.40	104.77 -10.03 -2.16	110.80 -9.98 -4.69	105.69 -10.26 -3.18	110.35 -10.43 -4.87	124.66 -10.24 -11.58	111.36 -10.37 -6.53	111.11 -11.06 -3.23	105.59 -9.91 -2.86	104.26 -9.35 -2.30	108.41 -8.97 -5.29
GE_PLASTICS___DRP 24183	146.28 5.76 0.00	140.08 5.12 -3.76	138.82 4.56 -17.26	138.41 5.45 0.00	141.22 5.17 0.00	148.60 5.16 0.00	173.84 4.74 0.00	197.25 5.37 0.00	187.13 5.27 0.00	166.16 5.31 0.00	157.71 5.33 0.00	151.86 5.28 0.00	151.64 4.39 -31.69	148.69 4.40 -28.50	148.25 4.17 -31.44	153.62 3.95 -33.58	162.99 3.61 -46.61	191.17 3.59 -71.66	202.32 3.95 -75.05	186.87 3.57 -68.11	169.88 3.57 -47.37	157.93 3.49 -41.79	148.56 3.67 -33.59	150.21 3.81 -34.32
GILBOA___1 23756	145.72 5.20 0.00	139.69 5.51 -2.99	135.73 5.03 -13.70	138.67 5.71 0.00	141.63 5.58 0.00	148.45 5.02 0.00	173.68 4.57 0.00	197.25 5.37 0.00	187.13 5.28 0.00	166.33 5.47 0.00	158.02 5.64 0.00	152.15 5.57 0.00	145.39 4.63 -25.21	143.19 4.75 -22.66	142.02 4.39 -24.99	147.44 4.65 -26.69	154.11 4.28 -37.06	177.29 4.40 -56.97	187.55 4.57 -59.66	173.71 4.38 -54.14	161.00 4.40 -37.66	150.25 4.39 -33.22	142.34 4.34 -26.70	143.39 4.03 -27.29
GILBOA___2 23757	145.72 5.20 0.00	139.69 5.51 -2.99	135.73 5.03 -13.70	138.67 5.71 0.00	141.63 5.58 0.00	148.45 5.02 0.00	173.68 4.57 0.00	197.25 5.37 0.00	187.13 5.28 0.00	166.33 5.47 0.00	158.02 5.64 0.00	152.15 5.57 0.00	145.39 4.63 -25.21	143.19 4.75 -22.66	142.02 4.39 -24.99	147.44 4.65 -26.69	154.11 4.28 -37.06	177.29 4.40 -56.97	187.55 4.57 -59.66	173.71 4.38 -54.14	161.00 4.40 -37.66	150.25 4.39 -33.22	142.34 4.34 -26.70	143.39 4.03 -27.29

GILBOA___3 23758	145.72 5.20 0.00	139.69 5.51 -2.99	135.73 5.03 -13.70	138.67 5.71 0.00	141.63 5.58 0.00	148.45 5.02 0.00	173.68 4.57 0.00	197.25 5.37 0.00	187.13 5.28 0.00	166.33 5.47 0.00	158.02 5.64 0.00	152.15 5.57 0.00	145.39 4.63 -25.21	143.19 4.75 -22.66	142.02 4.39 -24.99	147.44 4.65 -26.69	154.11 4.28 -37.06	177.29 4.40 -56.97	187.55 4.57 -59.66	173.71 4.38 -54.14	161.00 4.40 -37.66	150.25 4.39 -33.22	142.34 4.34 -26.70	143.39 4.03 -27.29
GILBOA___4 23759	145.72 5.20 0.00	139.69 5.51 -2.99	135.73 5.03 -13.70	138.67 5.71 0.00	141.63 5.58 0.00	148.45 5.02 0.00	173.68 4.57 0.00	197.25 5.37 0.00	187.13 5.28 0.00	166.33 5.47 0.00	158.02 5.64 0.00	152.15 5.57 0.00	145.39 4.63 -25.21	143.19 4.75 -22.66	142.02 4.39 -24.99	147.44 4.65 -26.69	154.11 4.28 -37.06	177.29 4.40 -56.97	187.55 4.57 -59.66	173.71 4.38 -54.14	161.00 4.40 -37.66	150.25 4.39 -33.22	142.34 4.34 -26.70	143.39 4.03 -27.29
GILBOA___ 23599	145.72 5.20 0.00	139.70 5.51 -2.99	135.73 5.03 -13.70	138.67 5.72 0.00	141.63 5.58 0.00	148.60 5.16 0.00	173.84 4.74 0.00	197.25 5.37 0.00	187.13 5.27 0.00	166.33 5.47 0.00	158.02 5.64 0.00	152.15 5.57 0.00	145.38 4.62 -25.21	143.08 4.63 -22.66	142.03 4.39 -24.99	147.44 4.64 -26.69	154.11 4.29 -37.06	177.29 4.40 -56.97	187.55 4.56 -59.66	173.71 4.38 -54.14	161.00 4.40 -37.66	150.26 4.39 -33.22	142.34 4.34 -26.70	143.29 3.92 -27.29
GINNA___ 23603	130.82 -9.69 0.00	124.02 -7.61 -0.43	112.67 -6.32 -1.99	124.45 -8.51 0.00	126.25 -9.80 0.00	134.40 -9.03 0.00	157.27 -11.84 0.00	175.96 -15.92 0.00	167.30 -14.55 0.00	148.62 -12.23 0.00	140.34 -12.04 0.00	134.27 -12.31 0.00	111.16 -8.09 -3.70	111.12 -7.99 -3.32	106.27 -8.67 -2.30	111.40 -8.36 -3.66	106.92 -9.24 -3.40	112.43 -8.70 -5.22	123.68 -8.39 -8.74	112.71 -8.40 -5.92	112.64 -9.75 -3.45	106.79 -8.90 -3.05	105.29 -8.46 -2.45	107.55 -8.52 -4.00
GLEN PARK___ 23778	148.52 8.01 0.00	138.09 6.69 -0.20	124.01 6.08 -0.94	140.13 7.17 0.00	143.25 7.21 0.00	151.32 7.88 0.00	180.27 11.16 0.00	209.34 17.46 0.00	198.03 16.18 0.00	173.56 12.70 0.00	163.81 11.43 0.00	157.27 10.69 0.00	125.73 8.67 -1.50	126.17 9.04 -1.35	123.70 9.57 -1.49	128.01 10.33 -1.59	125.80 10.83 -2.20	130.78 11.48 -3.39	139.20 12.33 -3.55	129.47 11.06 -3.22	131.76 10.58 -2.24	124.31 9.69 -1.97	121.90 9.01 -1.59	121.99 8.29 -1.62
GLENDAL_27_KV_LOAD 356172	152.05 11.52 -0.01	145.32 11.02 -3.10	141.15 9.94 -14.20	143.73 10.77 -0.01	146.81 10.75 -0.01	154.77 11.33 -0.01	179.76 10.65 0.00	204.93 13.05 0.00	195.67 13.82 0.00	183.18 14.48 -7.85	171.92 13.71 -5.83	171.89 13.78 -11.53	169.46 11.21 -42.70	167.19 11.35 -40.06	165.93 10.81 -42.48	171.71 11.15 -44.46	174.69 10.71 -51.21	185.95 11.01 -59.03	197.23 12.09 -61.82	182.12 10.83 -56.10	169.26 11.30 -39.02	163.63 10.59 -40.40	157.70 10.69 -35.71	150.72 9.75 -28.89
GLENWOOD_IC_1_G5 23712	152.46 11.94 0.00	146.10 11.81 -3.09	143.25 10.76 -15.49	144.39 11.43 0.00	147.34 11.29 0.00	155.05 11.62 0.00	181.11 12.01 0.00	205.70 13.82 0.00	196.58 14.73 0.00	176.30 15.44 0.00	167.01 14.63 0.00	161.53 14.95 0.00	154.55 12.13 -26.87	152.95 12.27 -24.88	153.05 11.71 -28.69	157.21 12.07 -29.04	162.65 11.50 -38.38	195.72 11.59 -68.22	209.00 12.83 -72.85	193.81 11.98 -66.64	170.20 12.25 -39.01	158.21 11.15 -34.41	151.58 11.46 -28.81	150.54 10.20 -28.26
GLENWOOD_IC_2_G1 23688	152.46 11.94 0.00	145.70 11.41 -3.09	142.89 10.41 -15.49	144.52 11.56 0.00	147.34 11.29 0.00	153.90 10.47 0.00	179.77 10.66 0.00	205.31 13.43 0.00	195.86 14.00 0.00	175.34 14.48 0.00	166.39 14.01 0.00	160.79 14.21 0.00	154.22 11.79 -26.87	152.49 11.82 -24.88	152.60 11.26 -28.69	156.74 11.61 -29.04	162.32 11.17 -38.38	195.72 11.59 -68.22	208.99 12.83 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.87 10.81 -34.41	151.14 11.02 -28.81	150.21 9.87 -28.26
GLENWOOD_IC_3_G1 23689	152.46 11.94 0.00	145.70 11.41 -3.09	142.89 10.41 -15.49	144.52 11.56 0.00	147.34 11.29 0.00	153.90 10.47 0.00	179.77 10.66 0.00	205.31 13.43 0.00	195.86 14.00 0.00	175.34 14.48 0.00	166.39 14.01 0.00	160.79 14.21 0.00	154.22 11.79 -26.87	152.49 11.82 -24.88	152.60 11.26 -28.69	156.74 11.61 -29.04	162.32 11.17 -38.38	195.72 11.59 -68.22	208.99 12.83 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.87 10.81 -34.41	151.14 11.02 -28.81	150.21 9.87 -28.26
GLENWOOD___4 23550	152.46 11.94 0.00	146.10 11.81 -3.09	143.25 10.76 -15.49	144.39 11.43 0.00	147.34 11.29 0.00	155.05 11.62 0.00	181.11 12.01 0.00	205.70 13.82 0.00	196.58 14.73 0.00	176.30 15.44 0.00	167.01 14.63 0.00	161.53 14.95 0.00	154.55 12.13 -26.87	152.95 12.27 -24.88	153.05 11.71 -28.69	157.21 12.07 -29.04	162.65 11.50 -38.38	195.84 11.71 -68.22	209.12 12.95 -72.85	193.81 11.98 -66.64	170.20 12.25 -39.01	158.21 11.15 -34.41	151.58 11.46 -28.81	150.54 10.20 -28.26
GLENWOOD___5 23614	152.46 11.94 0.00	146.10 11.81 -3.09	143.25 10.76 -15.49	144.39 11.43 0.00	147.34 11.29 0.00	155.05 11.62 0.00	181.11 12.01 0.00	205.70 13.82 0.00	196.58 14.73 0.00	176.30 15.44 0.00	167.01 14.63 0.00	161.53 14.95 0.00	154.55 12.13 -26.87	152.95 12.27 -24.88	153.05 11.71 -28.69	157.21 12.07 -29.04	162.65 11.50 -38.38	195.84 11.71 -68.22	209.12 12.95 -72.85	193.81 11.98 -66.64	170.20 12.25 -39.01	158.21 11.15 -34.41	151.58 11.46 -28.81	150.54 10.20 -28.26
GLOBAL GREEN_PORT_GT1 23814	159.35 18.84 0.00	151.61 17.32 -3.09	148.64 16.15 -15.49	151.17 18.22 0.00	154.01 17.96 0.00	159.64 16.20 0.00	186.18 17.07 0.00	213.18 21.30 0.00	203.30 21.45 0.00	181.92 21.07 0.00	172.65 20.27 0.00	167.38 20.81 0.00	159.29 16.87 -26.87	157.81 17.13 -24.88	157.78 16.45 -28.69	162.31 17.18 -29.04	167.39 16.24 -38.38	201.41 17.27 -68.22	215.40 19.23 -72.85	199.11 17.27 -66.64	175.19 17.24 -39.01	162.94 15.89 -34.41	157.54 16.13 -30.10	155.36 15.02 -28.26
GLOBE___DSASP 323697	132.37 -8.15 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.04 -6.91 0.00	127.75 -8.30 0.00	134.40 -9.04 0.00	153.89 -15.22 0.00	169.81 -22.07 0.00	161.30 -20.55 0.00	142.52 -18.34 0.00	135.46 -16.91 0.00	128.99 -17.59 0.00	107.17 -12.94 -4.56	107.26 -12.62 -4.09	101.67 -13.18 -2.21	107.27 -13.24 -4.40	101.71 -14.32 -3.26	106.66 -14.26 -5.00	120.04 -14.06 -10.78	107.86 -13.71 -6.38	106.91 -15.34 -3.32	102.28 -13.29 -2.93	101.31 -12.35 -2.36	105.91 -11.10 -4.93
GOETHSLN___LBMP 323567	89.12 9.41 60.81	71.86 9.18 68.52	82.37 8.19 42.81	78.35 8.78 63.38	79.43 8.71 65.33	80.35 9.18 72.26	67.91 8.62 109.83	58.41 10.75 144.22	58.58 11.46 134.73	72.05 12.06 100.87	58.40 11.28 105.25	58.40 11.58 99.76	109.74 9.24 15.06	105.69 9.38 19.47	103.64 8.90 17.90	106.81 9.17 18.46	117.12 8.68 4.33	150.47 9.16 -25.40	159.17 10.11 -25.73	156.89 8.99 -32.71	157.02 9.28 -28.80	154.00 8.67 -32.68	115.84 8.79 4.26	148.31 7.96 -28.27
GOLAH___69_KV_TB 1_2 80279	137.00 -3.51 0.00	129.68 -1.97 -0.45	117.90 -1.17 -2.07	130.43 -2.53 0.00	132.24 -3.81 0.00	139.85 -3.59 0.00	163.02 -6.09 0.00	181.52 -10.36 0.00	172.76 -9.09 0.00	152.49 -8.36 0.00	144.45 -7.92 0.00	137.64 -8.94 0.00	113.97 -5.43 -3.85	114.03 -5.21 -3.45	108.93 -5.97 -2.26	114.43 -5.46 -3.79	109.69 -6.43 -3.35	115.26 -5.80 -5.14	127.23 -5.18 -9.09	115.63 -5.53 -5.97	115.44 -6.90 -3.40	109.68 -5.97 -3.00	108.27 -5.45 -2.42	111.19 -5.04 -4.16

GOODYEAR_LAKE_HYD 323669	147.54 7.03 0.00	138.73 6.56 -0.97	127.54 6.08 -4.46	140.00 7.05 0.00	142.99 6.94 0.00	150.89 7.46 0.00	177.56 8.46 0.00	201.47 9.59 0.00	190.95 9.09 0.00	169.22 8.36 0.00	160.00 7.62 0.00	153.91 7.33 0.00	129.85 5.78 -8.52	128.86 5.67 -7.39	126.20 5.41 -8.16	130.73 5.92 -8.71	130.61 5.75 -12.09	140.88 6.38 -18.59	149.82 7.03 -19.47	139.08 6.22 -17.67	137.30 6.07 -12.29	129.12 5.63 -10.84	125.25 5.23 -8.71	125.69 4.71 -8.90
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	142.20 1.69 0.00	132.75 0.52 -1.03	122.66 0.94 -4.73	134.82 1.86 0.00	137.55 1.50 0.00	145.15 1.72 0.00	170.12 1.01 0.00	192.07 0.19 0.00	182.04 0.18 0.00	161.34 0.48 0.00	152.68 0.30 0.00	146.43 -0.15 0.00	123.60 -0.69 -8.74	123.05 -0.58 -7.84	119.12 -0.79 -7.27	124.50 -0.58 -8.99	122.86 -0.68 -10.77	132.00 -0.46 -16.55	144.09 0.12 -20.64	131.55 -0.35 -16.70	129.29 -0.59 -10.95	121.74 -0.56 -9.66	118.29 -0.78 -7.77	120.51 -1.01 -9.44
GOUDEY___7 23579	142.20 1.69 0.00	132.75 0.52 -1.03	122.66 0.94 -4.73	134.82 1.86 0.00	137.55 1.50 0.00	145.15 1.72 0.00	170.12 1.01 0.00	192.07 0.19 0.00	182.04 0.18 0.00	161.34 0.48 0.00	152.68 0.30 0.00	146.43 -0.15 0.00	123.60 -0.69 -8.74	123.05 -0.58 -7.84	119.12 -0.79 -7.27	124.50 -0.58 -8.99	122.86 -0.68 -10.77	132.00 -0.46 -16.55	144.09 0.12 -20.64	131.55 -0.35 -16.70	129.29 -0.59 -10.95	121.74 -0.56 -9.66	118.29 -0.78 -7.77	120.51 -1.01 -9.44
GOUDEY___8 23580	142.20 1.69 0.00	132.75 0.52 -1.03	122.66 0.94 -4.73	134.82 1.86 0.00	137.55 1.50 0.00	145.15 1.72 0.00	170.12 1.01 0.00	192.07 0.19 0.00	182.04 0.18 0.00	161.34 0.48 0.00	152.68 0.30 0.00	146.43 -0.15 0.00	123.60 -0.69 -8.74	123.05 -0.58 -7.84	119.12 -0.79 -7.27	124.50 -0.58 -8.99	122.86 -0.68 -10.77	132.00 -0.46 -16.55	144.09 0.12 -20.64	131.55 -0.35 -16.70	129.29 -0.59 -10.95	121.74 -0.56 -9.66	118.29 -0.78 -7.77	120.51 -1.01 -9.44
GOWANUS_GT1_1 24077	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT1_2 24078	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT1_3 24079	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT1_4 24080	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT1_5 24084	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT1_6 24111	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT1_7 24112	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT1_8 24113	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT2_1 24114	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT2_2 24115	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT2_3 24116	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02

GOWANUS_GT2_4 24117	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT2_5 24118	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT2_6 24119	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT2_7 24120	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT2_8 24121	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_1 24122	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_2 24123	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_3 24124	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_4 24125	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_5 24126	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_6 24127	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_7 24128	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT3_8 24129	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
GOWANUS_GT4_1 24130	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT4_2 24131	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02

GOWANUS_GT4_3 24132	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT4_4 24133	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT4_5 24134	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT4_6 24135	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT4_7 24136	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GOWANUS_GT4_8 24137	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GREENBSH_115KV_TB3 55895	146.56 6.04 0.00	140.09 5.12 -3.78	138.89 4.56 -17.33	138.41 5.45 0.00	141.22 5.17 0.00	148.60 5.16 0.00	173.67 4.57 0.00	196.87 4.99 0.00	186.58 4.73 0.00	165.84 4.99 0.00	157.41 5.03 0.00	151.56 4.98 0.00	151.62 4.28 -31.79	148.66 4.28 -28.59	148.23 4.06 -31.54	153.27 3.48 -33.69	162.46 2.93 -46.76	190.70 2.90 -71.89	201.70 3.08 -75.29	186.40 2.88 -68.32	169.32 2.85 -47.52	157.38 2.82 -41.93	148.11 3.12 -33.69	150.10 3.59 -34.43
GREENIDGE_115KV_TB5 80291	138.69 -1.83 0.00	129.24 -2.62 -0.67	118.41 -1.64 -3.05	131.63 -1.33 0.00	134.01 -2.04 0.00	141.86 -1.58 0.00	166.91 -2.20 0.00	187.85 -4.03 0.00	177.67 -4.18 0.00	156.84 -4.02 0.00	148.42 -3.96 0.00	141.74 -4.84 0.00	117.17 -4.04 -5.66	116.81 -4.05 -5.08	106.40 -4.28 1.96	116.88 -3.83 -4.61	105.76 -4.06 2.94	107.74 -3.59 4.58	133.86 -2.84 -13.38	112.95 -3.23 -0.98	111.90 -4.04 2.99	106.08 -3.94 2.62	104.98 -4.23 2.09	113.71 -4.48 -6.12
GREENIDGE___3 23582	138.69 -1.83 0.00	129.24 -2.62 -0.67	118.41 -1.64 -3.05	131.63 -1.33 0.00	134.01 -2.04 0.00	141.86 -1.58 0.00	166.91 -2.20 0.00	187.85 -4.03 0.00	177.67 -4.18 0.00	156.84 -4.02 0.00	148.42 -3.96 0.00	141.74 -4.84 0.00	117.17 -4.04 -5.66	116.81 -4.05 -5.08	106.40 -4.28 1.96	116.88 -3.83 -4.61	105.76 -4.06 2.94	107.74 -3.59 4.58	133.86 -2.84 -13.38	112.95 -3.23 -0.98	111.90 -4.04 2.99	106.08 -3.94 2.62	104.98 -4.23 2.09	113.71 -4.48 -6.12
GREENIDGE___4 23583	138.69 -1.83 0.00	129.24 -2.62 -0.67	118.41 -1.64 -3.05	131.63 -1.33 0.00	133.87 -2.18 0.00	142.44 -1.00 0.00	167.42 -1.69 0.00	187.84 -4.04 0.00	177.68 -4.18 0.00	157.32 -3.54 0.00	148.41 -3.96 0.00	141.75 -4.83 0.00	117.29 -3.93 -5.66	116.93 -3.94 -5.08	106.40 -4.28 1.96	116.88 -3.83 -4.61	105.77 -4.05 2.94	107.74 -3.59 4.58	133.87 -2.83 -13.38	112.95 -3.22 -0.98	111.78 -4.17 2.99	106.08 -3.95 2.62	104.98 -4.23 2.09	113.71 -4.49 -6.12
GREENLWN_69_KV_BK 3 55738	150.49 9.98 0.00	145.05 10.76 -3.09	142.66 10.18 -15.49	143.46 10.50 0.00	145.98 9.93 0.00	153.04 9.61 0.00	178.58 9.47 0.00	202.63 10.75 0.00	193.67 11.82 0.00	173.73 12.87 0.00	164.57 12.19 0.00	159.33 12.75 0.00	152.94 10.52 -26.87	151.44 10.77 -24.88	151.59 10.25 -28.69	155.58 10.45 -29.04	161.07 9.92 -38.38	194.68 10.55 -68.22	207.89 11.72 -72.85	192.32 10.48 -66.64	168.53 10.59 -39.01	156.63 9.57 -34.41	150.75 10.91 -28.53	149.42 9.08 -28.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02
GRISSOM___SOLAR 323813	151.48 10.97 0.00	145.73 10.36 -4.17	145.15 9.01 -19.14	143.72 10.76 0.00	146.94 10.89 0.00	155.20 11.76 0.00	182.80 13.69 0.00	207.24 15.36 0.00	195.50 13.65 0.00	172.28 11.42 0.00	162.59 10.21 0.00	156.40 9.82 0.00	159.97 8.43 -35.99	155.60 8.10 -31.71	155.39 7.77 -34.98	162.17 8.71 -37.36	173.54 8.91 -51.87	205.50 9.85 -79.74	217.69 10.86 -83.51	200.76 9.79 -75.78	181.41 9.76 -52.71	168.16 9.01 -46.50	157.13 8.46 -37.37	158.23 7.96 -38.19
GROVEVILLE___HYD 323602	150.63 10.12 0.00	144.01 9.71 -3.10	140.13 8.89 -14.24	142.66 9.71 0.00	145.71 9.66 0.00	153.47 10.04 0.00	179.76 10.65 0.00	204.35 12.47 0.00	194.22 12.37 0.00	173.24 12.39 0.00	163.96 11.58 0.00	158.01 11.43 0.00	151.22 9.48 -26.19	149.06 9.73 -23.54	147.85 9.24 -25.97	153.36 9.52 -27.74	160.63 9.36 -38.51	184.96 9.85 -59.20	196.30 10.98 -62.00	181.13 9.68 -56.26	168.06 9.99 -39.13	156.40 9.24 -34.52	148.17 9.13 -27.74	148.73 8.29 -28.35
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	139.96 -0.56 0.00	131.06 -0.52 -0.38	118.64 -0.12 -1.76	132.56 -0.40 0.00	135.37 -0.68 0.00	142.57 -0.86 0.00	167.75 -1.35 0.00	190.54 -1.34 0.00	180.58 -1.27 0.00	159.73 -1.13 0.00	151.46 -0.91 0.00	145.41 -1.17 0.00	118.39 -0.46 -3.30	118.40 -0.35 -2.96	115.34 -0.56 -3.26	119.35 -0.23 -3.48	117.15 -0.45 -4.84	123.12 -0.23 -7.44	131.36 0.25 -7.79	122.15 -0.12 -7.07	123.26 -0.59 -4.92	116.42 -0.56 -4.34	114.01 -0.78 -3.48	114.63 -1.01 -3.56

HAMLTNNY_34_KV_TB 80303	139.67 -0.84 0.00	130.81 -0.79 -0.40	118.49 -0.35 -1.85	132.29 -0.66 0.00	134.96 -1.09 0.00	142.43 -1.00 0.00	167.59 -1.52 0.00	189.96 -1.92 0.00	179.85 -2.00 0.00	159.25 -1.61 0.00	150.85 -1.52 0.00	144.67 -1.91 0.00	118.02 -1.04 -3.51	118.01 -0.93 -3.15	114.88 -1.24 -3.47	118.99 -0.81 -3.71	116.79 -1.13 -5.15	123.01 -0.81 -7.92	131.37 -0.25 -8.29	122.03 -0.69 -7.52	122.98 -1.19 -5.23	116.13 -1.13 -4.62	113.79 -1.22 -3.71	114.41 -1.46 -3.79
HAMPSHIRE___PAPER_HYD 323593	140.66 0.14 0.00	130.90 -0.39 -0.10	116.98 -0.47 -0.44	133.49 0.53 0.00	137.01 0.96 0.00	144.01 0.58 0.00	172.15 3.05 0.00	196.10 4.22 0.00	186.21 4.36 0.00	162.63 1.77 0.00	154.35 1.98 0.00	148.63 2.05 0.00	117.20 0.92 -0.73	117.60 1.16 -0.65	115.73 2.37 -0.72	118.72 1.85 -0.77	116.09 2.25 -1.07	118.95 1.40 -1.65	125.92 0.87 -1.72	118.15 1.39 -1.56	122.05 2.02 -1.09	115.74 2.13 -0.96	114.08 2.01 -0.77	114.89 2.02 -0.79
HARDSCRABBLE_WT_PWR 323673	146.42 5.90 0.00	136.71 5.51 0.00	121.91 4.91 0.00	138.54 5.58 0.00	141.63 5.58 0.00	149.32 5.88 0.00	175.19 6.08 0.00	198.78 6.90 0.00	188.39 6.54 0.00	166.97 6.11 0.00	158.31 5.94 0.00	152.15 5.57 0.00	119.71 4.15 0.00	119.73 3.94 0.00	116.14 3.50 0.00	119.47 3.37 0.00	115.81 3.05 0.00	118.92 3.01 0.00	126.41 3.08 0.00	117.85 2.65 0.00	121.44 2.50 0.00	115.23 2.59 0.00	113.87 2.56 0.00	114.44 2.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	149.09 8.57 0.00	142.37 8.27 -2.91	137.95 7.60 -13.35	141.07 8.11 0.00	144.21 8.16 0.00	151.90 8.46 0.00	177.73 8.62 0.00	202.24 10.36 0.00	192.40 10.55 0.00	171.63 10.78 0.00	162.43 10.06 0.00	156.69 10.11 0.00	148.54 8.44 -24.55	146.43 8.57 -22.07	145.10 8.11 -24.34	150.46 8.36 -26.00	157.10 8.23 -36.10	180.10 8.69 -55.50	191.19 9.74 -58.12	176.58 8.64 -52.74	164.43 8.80 -36.69	153.12 8.11 -32.36	145.33 8.01 -26.01	145.83 7.17 -26.58
HARSNRAD_115KV_TB1 81005	131.95 -8.57 0.00	123.73 -8.00 -0.53	113.47 -5.97 -2.43	125.91 -7.05 0.00	127.48 -8.57 0.00	134.54 -8.89 0.00	155.58 -13.53 0.00	171.92 -19.96 0.00	163.30 -18.55 0.00	144.29 -16.57 0.00	136.99 -15.39 0.00	130.45 -16.12 0.00	107.81 -12.25 -4.51	107.90 -11.93 -4.04	102.33 -12.50 -2.20	108.03 -12.42 -4.35	103.31 -12.63 -3.18	108.07 -12.63 -4.79	120.90 -13.07 -10.65	108.61 -12.90 -6.32	108.49 -13.68 -3.23	103.95 -11.60 -2.91	102.96 -10.69 -2.34	105.96 -10.98 -4.87
HARZA MOOSE___RIVER 24016	145.72 5.20 0.00	135.90 4.59 -0.11	121.61 4.09 -0.52	137.74 4.79 0.00	140.95 4.90 0.00	148.74 5.31 0.00	176.38 7.27 0.00	201.47 9.59 0.00	190.76 8.91 0.00	168.10 7.24 0.00	158.78 6.40 0.00	152.59 6.01 0.00	121.06 4.62 -0.89	121.33 4.75 -0.79	118.59 5.07 -0.88	122.37 5.34 -0.94	119.59 5.53 -1.30	123.71 5.80 -2.00	131.58 6.17 -2.09	122.62 5.53 -1.90	125.73 5.47 -1.32	118.76 4.96 -1.17	117.03 4.79 -0.94	117.41 4.37 -0.96
HDSNBRDG_115KV_BRDG_TB1 355580	138.27 -2.25 0.00	129.45 -2.10 -0.35	117.09 -1.52 -1.62	130.96 -1.99 0.00	133.60 -2.45 0.00	140.99 -2.44 0.00	165.73 -3.38 0.00	187.47 -4.41 0.00	177.67 -4.18 0.00	157.32 -3.54 0.00	149.18 -3.20 0.00	143.21 -3.37 0.00	116.31 -2.20 -2.95	116.35 -2.08 -2.65	113.20 -2.37 -2.92	117.13 -2.09 -3.12	114.73 -2.37 -4.33	120.48 -2.09 -6.66	128.57 -1.73 -6.97	119.57 -1.96 -6.33	120.84 -2.50 -4.40	114.27 -2.25 -3.88	111.98 -2.45 -3.12	112.69 -2.58 -3.19
HELLGATE_13_KV_LD 55870	151.49 10.96 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.34 10.37 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.92 9.81 0.00	203.78 11.90 0.00	194.58 12.73 0.00	182.21 13.51 -7.84	171.00 12.80 -5.82	171.14 13.05 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.04 -51.20	185.14 10.20 -59.03	196.49 11.35 -61.82	181.43 10.14 -56.10	168.55 10.59 -39.02	163.06 10.03 -40.39	157.24 10.24 -35.70	150.27 9.30 -28.89
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	151.49 10.96 -0.01	144.93 10.63 -3.10	140.80 9.59 -14.20	143.34 10.37 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.92 9.81 0.00	203.78 11.90 0.00	194.58 12.73 0.00	182.21 13.51 -7.84	171.00 12.80 -5.82	171.14 13.05 -11.52	168.87 10.63 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.04 -51.20	185.14 10.20 -59.03	196.49 11.35 -61.82	181.43 10.14 -56.10	168.55 10.59 -39.02	163.06 10.03 -40.39	157.24 10.24 -35.70	150.27 9.30 -28.89
HEMPSTEAD____ 23647	152.46 11.94 0.00	145.58 11.28 -3.09	142.89 10.41 -15.49	144.39 11.44 0.00	147.34 11.29 0.00	153.77 10.33 0.00	179.60 10.49 0.00	204.93 13.05 0.00	195.67 13.81 0.00	175.02 14.16 0.00	166.24 13.86 0.00	160.79 14.21 0.00	154.09 11.67 -26.87	152.49 11.82 -24.89	152.49 11.15 -28.69	156.74 11.61 -29.04	162.21 11.06 -38.38	195.72 11.59 -68.22	208.99 12.83 -72.85	193.35 11.52 -66.64	169.61 11.66 -39.01	157.76 10.71 -34.41	151.14 11.02 -28.81	150.21 9.87 -28.26
HEWLETT_69_KV_BK3 55828	155.69 15.18 0.00	148.72 14.43 -3.09	145.59 13.10 -15.49	147.18 14.23 0.00	150.06 14.01 0.00	158.06 14.63 0.00	185.00 15.90 0.00	209.92 18.04 0.00	200.77 18.91 0.00	180.16 19.30 0.00	170.66 18.29 0.00	164.90 18.32 0.00	157.21 14.79 -26.87	155.61 14.94 -24.88	155.53 14.19 -28.69	159.88 14.74 -29.04	165.25 14.10 -38.38	198.97 14.84 -68.22	212.57 16.40 -72.85	196.69 14.86 -66.64	173.05 15.11 -39.01	160.80 13.74 -34.41	154.03 13.91 -28.81	153.00 12.66 -28.26
HICKLING___1 23621	141.64 1.12 0.00	130.98 -1.05 -0.83	120.56 -0.23 -3.80	134.55 1.60 0.00	136.87 0.82 0.00	144.72 1.29 0.00	169.45 0.34 0.00	190.15 -1.73 0.00	180.03 -1.82 0.00	159.25 -1.61 0.00	150.70 -1.68 0.00	143.94 -2.64 0.00	119.11 -3.47 -7.03	118.73 -3.36 -6.30	108.88 -3.72 0.04	118.89 -3.37 -6.16	109.28 -3.38 0.10	112.58 -3.13 0.21	137.58 -2.34 -16.60	117.05 -2.88 -4.74	115.50 -3.33 0.11	109.30 -3.27 0.07	107.69 -3.56 0.05	116.08 -3.59 -7.59
HICKLING___2 23622	141.64 1.12 0.00	130.98 -1.05 -0.83	120.56 -0.23 -3.80	134.55 1.60 0.00	136.87 0.82 0.00	144.72 1.29 0.00	169.45 0.34 0.00	190.15 -1.73 0.00	180.03 -1.82 0.00	159.25 -1.61 0.00	150.70 -1.68 0.00	143.94 -2.64 0.00	119.11 -3.47 -7.03	118.73 -3.36 -6.30	108.88 -3.72 0.04	118.89 -3.37 -6.16	109.28 -3.38 0.10	112.58 -3.13 0.21	137.58 -2.34 -16.60	117.05 -2.88 -4.74	115.50 -3.33 0.11	109.30 -3.27 0.07	107.69 -3.56 0.05	116.08 -3.59 -7.59
HIGH FALLS___HY 23754	150.49 9.98 0.00	144.00 9.71 -3.09	140.31 9.13 -14.19	142.53 9.57 0.00	145.71 9.66 0.00	153.47 10.04 0.00	180.10 10.99 0.00	204.74 12.86 0.00	194.58 12.73 0.00	173.40 12.55 0.00	163.96 11.58 0.00	158.01 11.43 0.00	151.12 9.48 -26.09	148.85 9.61 -23.45	147.75 9.24 -25.87	153.48 9.75 -27.63	160.93 9.81 -38.36	185.43 10.55 -58.97	196.67 11.59 -61.76	181.49 10.25 -56.04	168.51 10.59 -38.98	156.83 9.80 -34.39	148.51 9.57 -27.64	148.84 8.52 -28.24
HIGH_RIVER___SOLAR 323847	148.24 7.72 0.00	142.71 7.47 -4.04	142.17 6.67 -18.51	140.80 7.84 0.00	143.94 7.89 0.00	151.60 8.17 0.00	178.23 9.13 0.00	202.04 10.16 0.00	190.76 8.91 0.00	168.58 7.72 0.00	159.54 7.16 0.00	153.32 6.75 0.00	155.52 6.00 -33.96	152.36 5.90 -30.67	152.10 5.63 -33.83	158.49 6.26 -36.13	169.35 6.42 -50.16	200.10 7.07 -77.11	211.85 7.77 -80.76	195.39 6.91 -73.28	176.93 7.02 -50.97	164.14 6.53 -44.97	153.56 6.12 -36.14	154.72 5.71 -36.93

HILLBURN___GT 23639	148.95 8.43 0.00	142.28 8.14 -2.95	137.90 7.38 -13.53	140.93 7.98 0.00	144.07 8.02 0.00	151.32 7.88 0.00	177.06 7.95 0.00	201.85 9.97 0.00	192.03 10.18 0.00	171.31 10.45 0.00	162.43 10.05 0.00	156.84 10.26 0.00	148.99 8.55 -24.89	146.85 8.69 -22.37	145.54 8.22 -24.68	150.92 8.47 -26.36	157.48 8.12 -36.59	180.74 8.58 -56.25	191.86 9.63 -58.91	177.18 8.52 -53.46	164.80 8.68 -37.18	153.56 8.11 -32.80	145.68 8.02 -26.36	146.20 7.18 -26.94
HILLSIDE_115KV_TB1 80332	139.81 -0.70 0.00	129.30 -2.76 -0.86	119.05 -1.87 -3.93	132.82 -0.13 0.00	135.10 -0.95 0.00	142.86 -0.57 0.00	167.08 -2.03 0.00	187.66 -4.22 0.00	177.67 -4.18 0.00	157.32 -3.54 0.00	148.87 -3.50 0.00	142.47 -4.10 0.00	118.08 -4.74 -7.26	117.67 -4.63 -6.51	108.41 -4.84 -0.61	117.93 -4.64 -6.48	109.01 -4.62 -0.87	112.80 -4.40 -1.29	136.65 -3.82 -17.15	116.79 -4.26 -5.86	115.18 -4.64 -0.88	108.93 -4.51 -0.79	107.28 -4.67 -0.65	115.10 -4.82 -7.84
HISHELDN_WT_PWR 323625	137.01 -3.51 0.00	126.96 -4.85 -0.61	116.41 -3.40 -2.81	130.70 -2.26 0.00	132.10 -3.95 0.00	141.13 -2.30 0.00	163.03 -6.08 0.00	180.37 -11.51 0.00	170.75 -11.10 0.00	152.33 -8.53 0.00	142.93 -9.45 0.00	136.31 -10.26 0.00	111.74 -9.01 -5.20	111.42 -9.03 -4.67	104.83 -9.69 -1.87	111.48 -9.52 -4.90	105.83 -9.70 -2.76	110.51 -9.62 -4.22	126.12 -9.49 -12.29	111.84 -9.68 -6.32	111.16 -10.59 -2.80	105.77 -9.35 -2.48	104.39 -8.91 -2.00	108.96 -8.74 -5.62
HOLTSVILLE_IC_1 23690	153.30 12.79 0.00	146.50 12.20 -3.09	143.96 11.47 -15.49	145.72 12.77 0.00	148.43 12.38 0.00	153.47 10.04 0.00	178.57 9.46 0.00	204.35 12.47 0.00	194.95 13.10 0.00	174.52 13.67 0.00	165.79 13.41 0.00	160.95 14.37 0.00	154.33 11.90 -26.87	152.83 12.15 -24.88	152.94 11.60 -28.69	157.09 11.96 -29.04	162.32 11.17 -38.38	195.96 11.83 -68.22	209.12 12.95 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.87 10.81 -34.41	152.84 11.47 -30.07	150.87 10.53 -28.26
HOLTSVILLE_IC_10 23699	154.14 13.63 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.53 13.57 0.00	149.24 13.19 0.00	154.33 10.90 0.00	179.60 10.49 0.00	205.51 13.63 0.00	196.05 14.19 0.00	175.49 14.64 0.00	166.70 14.32 0.00	161.97 15.39 0.00	155.13 12.71 -26.87	153.64 12.97 -24.88	153.73 12.39 -28.69	157.91 12.77 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	210.10 13.93 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.66 11.60 -34.41	153.73 12.24 -30.18	151.55 11.21 -28.26
HOLTSVILLE_IC_2 23691	153.30 12.79 0.00	146.50 12.20 -3.09	143.96 11.47 -15.49	145.72 12.77 0.00	148.43 12.38 0.00	153.47 10.04 0.00	178.57 9.46 0.00	204.35 12.47 0.00	194.95 13.10 0.00	174.52 13.67 0.00	165.79 13.41 0.00	160.95 14.37 0.00	154.33 11.90 -26.87	152.83 12.15 -24.88	152.94 11.60 -28.69	157.09 11.96 -29.04	162.32 11.17 -38.38	195.96 11.83 -68.22	209.12 12.95 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.87 10.81 -34.41	152.84 11.47 -30.07	150.87 10.53 -28.26
HOLTSVILLE_IC_3 23692	153.30 12.79 0.00	146.50 12.20 -3.09	143.96 11.47 -15.49	145.72 12.77 0.00	148.43 12.38 0.00	153.47 10.04 0.00	178.57 9.46 0.00	204.35 12.47 0.00	194.95 13.10 0.00	174.52 13.67 0.00	165.79 13.41 0.00	160.95 14.37 0.00	154.33 11.90 -26.87	152.83 12.15 -24.88	152.94 11.60 -28.69	157.09 11.96 -29.04	162.32 11.17 -38.38	195.96 11.83 -68.22	209.12 12.95 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.87 10.81 -34.41	152.84 11.47 -30.07	150.87 10.53 -28.26
HOLTSVILLE_IC_4 23693	153.30 12.79 0.00	146.50 12.20 -3.09	143.96 11.47 -15.49	145.72 12.77 0.00	148.43 12.38 0.00	153.47 10.04 0.00	178.57 9.46 0.00	204.35 12.47 0.00	194.95 13.10 0.00	174.52 13.67 0.00	165.79 13.41 0.00	160.95 14.37 0.00	154.33 11.90 -26.87	152.83 12.15 -24.88	152.94 11.60 -28.69	157.09 11.96 -29.04	162.32 11.17 -38.38	195.96 11.83 -68.22	209.12 12.95 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.87 10.81 -34.41	152.84 11.47 -30.07	150.87 10.53 -28.26
HOLTSVILLE_IC_5 23694	153.30 12.79 0.00	146.50 12.20 -3.09	143.96 11.47 -15.49	145.72 12.77 0.00	148.43 12.38 0.00	153.47 10.04 0.00	178.57 9.46 0.00	204.35 12.47 0.00	194.95 13.10 0.00	174.52 13.67 0.00	165.79 13.41 0.00	160.95 14.37 0.00	154.33 11.90 -26.87	152.83 12.15 -24.88	152.94 11.60 -28.69	157.09 11.96 -29.04	162.32 11.17 -38.38	195.96 11.83 -68.22	209.12 12.95 -72.85	193.46 11.63 -66.64	169.73 11.78 -39.01	157.87 10.81 -34.41	152.84 11.47 -30.07	150.87 10.53 -28.26
HOLTSVILLE_IC_6 23695	154.14 13.63 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.53 13.57 0.00	149.24 13.19 0.00	154.33 10.90 0.00	179.60 10.49 0.00	205.51 13.63 0.00	196.05 14.19 0.00	175.49 14.64 0.00	166.70 14.32 0.00	161.97 15.39 0.00	155.13 12.71 -26.87	153.64 12.97 -24.88	153.73 12.39 -28.69	157.91 12.77 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	210.10 13.93 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.66 11.60 -34.41	153.73 12.24 -30.18	151.55 11.21 -28.26
HOLTSVILLE_IC_7 23696	154.14 13.63 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.53 13.57 0.00	149.24 13.19 0.00	154.33 10.90 0.00	179.60 10.49 0.00	205.51 13.63 0.00	196.05 14.19 0.00	175.49 14.64 0.00	166.70 14.32 0.00	161.97 15.39 0.00	155.13 12.71 -26.87	153.64 12.97 -24.88	153.73 12.39 -28.69	157.91 12.77 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	210.10 13.93 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.66 11.60 -34.41	153.73 12.24 -30.18	151.55 11.21 -28.26
HOLTSVILLE_IC_8 23697	154.14 13.63 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.53 13.57 0.00	149.24 13.19 0.00	154.33 10.90 0.00	179.60 10.49 0.00	205.51 13.63 0.00	196.05 14.19 0.00	175.49 14.64 0.00	166.70 14.32 0.00	161.97 15.39 0.00	155.13 12.71 -26.87	153.64 12.97 -24.88	153.73 12.39 -28.69	157.91 12.77 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	210.10 13.93 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.66 11.60 -34.41	153.73 12.24 -30.18	151.55 11.21 -28.26
HOLTSVILLE_IC_9 23698	154.14 13.63 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.53 13.57 0.00	149.24 13.19 0.00	154.33 10.90 0.00	179.60 10.49 0.00	205.51 13.63 0.00	196.05 14.19 0.00	175.49 14.64 0.00	166.70 14.32 0.00	161.97 15.39 0.00	155.13 12.71 -26.87	153.64 12.97 -24.88	153.73 12.39 -28.69	157.91 12.77 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	210.10 13.93 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.66 11.60 -34.41	153.73 12.24 -30.18	151.55 11.21 -28.26
HOMER_HL_115KV_TB2 355744	140.94 0.42 0.00	124.23 -7.61 -0.64	114.19 -5.73 -2.93	134.42 1.46 0.00	136.19 0.14 0.00	143.86 0.43 0.00	167.25 -1.86 0.00	186.32 -5.56 0.00	176.58 -5.27 0.00	156.51 -4.34 0.00	147.96 -4.42 0.00	141.30 -5.28 0.00	110.23 -10.75 -5.42	110.00 -10.65 -4.86	103.68 -10.93 -1.97	109.95 -11.26 -5.11	105.63 -10.04 -2.90	109.68 -10.66 -4.43	125.52 -10.61 -12.80	110.97 -10.83 -6.61	111.42 -10.47 -2.94	104.77 -10.48 -2.61	102.83 -10.57 -2.10	107.29 -10.65 -5.85
HOWARD_WT_PWR 323690	142.07 1.55 0.00	131.12 -0.78 -0.70	120.45 0.23 -3.22	135.22 2.26 0.00	137.27 1.22 0.00	146.73 3.30 0.00	171.30 2.19 0.00	190.55 -1.33 0.00	180.03 -1.82 0.00	159.56 -1.29 0.00	149.79 -2.59 0.00	142.63 -3.95 0.00	116.89 -4.63 -5.96	116.38 -4.75 -5.35	106.25 -5.40 0.99	116.05 -5.11 -5.05	105.85 -5.41 1.50	107.65 -5.91 2.35	132.11 -5.30 -14.09	111.82 -6.00 -2.62	110.39 -7.02 1.53	104.78 -6.54 1.33	103.35 -6.90 1.06	111.12 -7.40 -6.44

HQ_GEN_CEDARS 23644	135.04 -5.48 0.00	125.69 -5.51 0.00	111.97 -5.03 0.00	129.37 -3.59 0.00	133.87 -2.18 0.00	141.14 -2.29 0.00	169.78 0.68 0.00	191.30 -0.58 0.00	182.40 0.55 0.00	158.60 -2.25 0.00	150.40 -1.98 0.00	144.67 -1.91 0.00	112.43 -3.12 0.00	112.31 -3.47 0.00	111.07 -1.58 0.00	113.20 -2.90 0.00	110.74 -2.03 0.00	112.09 -3.83 0.00	117.77 -5.55 0.00	111.97 -3.23 0.00	116.92 -2.02 0.00	110.84 -1.80 0.00	109.52 -1.78 0.00	110.85 -1.23 0.00
HQ_GEN_CEDARS_PROXY 323590	135.03 -5.48 0.00	125.69 -5.51 0.00	111.97 -5.03 0.00	129.37 -3.58 0.00	133.87 -2.18 0.00	141.13 -2.30 0.00	169.79 0.68 0.00	191.31 -0.57 0.00	182.40 0.55 0.00	158.60 -2.25 0.00	150.39 -1.99 0.00	144.67 -1.91 0.00	111.97 -3.58 0.00	111.97 -3.82 0.00	111.06 -1.58 0.00	111.97 -2.90 1.23	111.97 -2.03 -1.23	111.97 -3.94 0.00	117.78 -5.55 0.00	111.97 -3.22 0.00	116.92 -2.02 0.00	110.73 -1.92 0.00	109.52 -1.79 0.00	110.85 -1.23 0.00
HQ_GEN_IMPORT 323601	137.43 -3.09 0.00	127.92 -3.27 0.00	113.84 -3.15 0.00	129.64 -3.32 0.00	133.19 -2.86 0.00	140.57 -2.87 0.00	167.42 -1.69 0.00	190.15 -1.73 0.00	180.03 -1.82 0.00	158.12 -2.74 0.00	149.79 -2.59 0.00	144.09 -2.49 0.00	112.90 -2.65 0.00	113.13 -2.66 0.00	110.39 -2.25 0.00	112.31 -2.55 1.23	111.74 -2.25 -1.23	113.25 -2.66 0.00	120.00 -3.32 0.00	112.55 -2.64 0.00	116.56 -2.38 0.00	110.39 -2.25 0.00	109.08 -2.23 0.00	110.40 -1.68 0.00
HQ_GEN_WHEEL 23651	137.43 -3.09 0.00	127.92 -3.27 0.00	113.84 -3.15 0.00	129.64 -3.32 0.00	133.19 -2.86 0.00	140.57 -2.87 0.00	167.42 -1.69 0.00	190.15 -1.73 0.00	180.03 -1.82 0.00	158.12 -2.74 0.00	149.79 -2.59 0.00	144.09 -2.49 0.00	112.90 -2.65 0.00	113.13 -2.66 0.00	110.39 -2.25 0.00	112.31 -2.55 1.23	111.74 -2.25 -1.23	113.25 -2.66 0.00	120.00 -3.32 0.00	112.55 -2.64 0.00	116.56 -2.38 0.00	110.39 -2.25 0.00	109.08 -2.23 0.00	110.40 -1.68 0.00
HUDSON AVE_GT_3 23810	150.92 10.40 0.00	144.26 9.97 -3.09	140.20 9.01 -14.20	142.66 9.71 0.00	145.71 9.66 0.00	153.62 10.18 0.00	178.92 9.81 0.00	203.97 12.09 0.00	194.58 12.73 0.00	173.89 13.03 0.00	164.72 12.34 0.00	159.18 12.61 0.00	151.95 10.28 -26.11	149.68 10.42 -23.47	148.45 9.91 -25.89	153.97 10.22 -27.66	160.86 9.70 -38.39	185.14 10.20 -59.02	196.36 11.22 -61.81	181.31 10.02 -56.09	168.31 10.35 -39.02	156.75 9.69 -34.42	148.76 9.79 -27.66	149.20 8.85 -28.27
HUDSON AVE_GT_4 23540	150.92 10.40 0.00	144.26 9.97 -3.09	140.20 9.01 -14.20	142.66 9.71 0.00	145.71 9.66 0.00	153.62 10.18 0.00	178.92 9.81 0.00	203.97 12.09 0.00	194.58 12.73 0.00	173.89 13.03 0.00	164.72 12.34 0.00	159.18 12.61 0.00	151.95 10.28 -26.11	149.68 10.42 -23.47	148.45 9.91 -25.89	153.97 10.22 -27.66	160.86 9.70 -38.39	185.14 10.20 -59.02	196.36 11.22 -61.81	181.31 10.02 -56.09	168.31 10.35 -39.02	156.75 9.69 -34.42	148.76 9.79 -27.66	149.20 8.85 -28.27
HUDSON AVE_GT_5 23657	150.92 10.40 0.00	144.26 9.97 -3.09	140.20 9.01 -14.20	142.66 9.71 0.00	145.71 9.66 0.00	153.62 10.18 0.00	178.92 9.81 0.00	203.97 12.09 0.00	194.58 12.73 0.00	173.89 13.03 0.00	164.72 12.34 0.00	159.18 12.61 0.00	151.95 10.28 -26.11	149.68 10.42 -23.47	148.45 9.91 -25.89	153.97 10.22 -27.66	160.86 9.70 -38.39	185.14 10.20 -59.02	196.36 11.22 -61.81	181.31 10.02 -56.09	168.31 10.35 -39.02	156.75 9.69 -34.42	148.76 9.79 -27.66	149.20 8.85 -28.27
HUDSON_AVE_10 24168	150.49 9.98 0.00	144.00 9.71 -3.09	139.97 8.77 -14.20	142.26 9.31 0.00	145.44 9.39 0.00	153.19 9.75 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	173.24 12.39 0.00	163.96 11.58 0.00	158.60 12.02 0.00	151.72 10.05 -26.11	149.45 10.19 -23.47	148.22 9.69 -25.89	153.62 9.87 -27.66	160.41 9.25 -38.39	184.90 9.97 -59.02	196.24 11.10 -61.81	181.20 9.91 -56.09	168.07 10.11 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	148.98 8.63 -28.27
HUDSON___115KV_TB 4 355613	150.07 9.56 0.00	142.37 7.48 -3.70	140.74 6.79 -16.96	142.00 9.04 0.00	144.89 8.84 0.00	152.47 9.04 0.00	178.07 8.96 0.00	201.86 9.98 0.00	190.76 8.91 0.00	169.06 8.20 0.00	160.00 7.62 0.00	153.91 7.33 0.00	152.12 5.43 -31.13	149.11 5.33 -28.00	148.82 5.29 -30.88	154.19 5.11 -32.98	163.52 4.96 -45.79	191.53 5.22 -70.40	202.84 5.80 -73.72	187.17 5.07 -66.90	170.59 5.11 -46.54	158.43 4.73 -41.05	149.08 4.79 -32.99	151.40 5.60 -33.72
HUNTER MOUNT___DRP 323613	151.06 10.54 0.00	142.15 7.35 -3.61	140.34 6.79 -16.56	142.80 9.84 0.00	145.84 9.80 0.00	153.33 9.90 0.00	179.76 10.65 0.00	203.39 11.51 0.00	192.04 10.18 0.00	169.86 9.01 0.00	160.76 8.38 0.00	154.35 7.77 0.00	151.16 5.20 -30.41	148.34 5.21 -27.35	147.99 5.18 -30.16	153.42 5.11 -32.22	162.57 5.07 -44.73	190.24 5.56 -68.76	201.38 6.04 -72.01	185.73 5.18 -65.35	169.75 5.35 -45.45	157.70 4.96 -40.10	148.32 4.79 -32.23	150.62 5.60 -32.93
HUNTINGTON_RES_REC 323705	152.45 11.94 0.00	145.96 11.67 -3.09	143.48 10.99 -15.49	145.05 12.10 0.00	147.75 11.70 0.00	152.90 9.46 0.00	178.23 9.13 0.00	203.78 11.90 0.00	194.39 12.54 0.00	174.05 13.19 0.00	165.18 12.80 0.00	160.21 13.63 0.00	153.75 11.33 -26.87	152.25 11.58 -24.88	152.38 11.05 -28.69	156.52 11.38 -29.04	161.87 10.72 -38.38	195.50 11.37 -68.22	208.75 12.59 -72.85	193.13 11.30 -66.64	169.37 11.42 -39.01	157.41 10.36 -34.41	150.66 11.47 -27.89	150.21 9.87 -28.26
HUNTLEY___63 23557	134.48 -6.04 0.00	125.58 -6.17 -0.55	115.18 -4.33 -2.51	128.17 -4.79 0.00	129.79 -6.26 0.00	136.84 -6.60 0.00	157.61 -11.50 0.00	174.42 -17.46 0.00	165.67 -16.18 0.00	146.54 -14.32 0.00	139.12 -13.26 0.00	132.51 -14.07 0.00	109.10 -11.09 -4.64	109.19 -10.77 -4.17	103.46 -11.38 -2.19	109.31 -11.26 -4.47	104.16 -11.84 -3.24	108.94 -11.94 -4.97	122.46 -11.84 -10.97	109.85 -11.75 -6.41	109.50 -12.73 -3.29	104.40 -11.15 -2.91	103.40 -10.24 -2.34	107.23 -9.86 -5.02
HUNTLEY___64 23558	134.48 -6.04 0.00	125.58 -6.17 -0.55	115.18 -4.33 -2.51	128.17 -4.79 0.00	129.79 -6.26 0.00	136.84 -6.60 0.00	157.61 -11.50 0.00	174.42 -17.46 0.00	165.67 -16.18 0.00	146.54 -14.32 0.00	139.12 -13.26 0.00	132.51 -14.07 0.00	109.10 -11.09 -4.64	109.19 -10.77 -4.17	103.46 -11.38 -2.19	109.31 -11.26 -4.47	104.16 -11.84 -3.24	108.94 -11.94 -4.97	122.46 -11.84 -10.97	109.85 -11.75 -6.41	109.50 -12.73 -3.29	104.40 -11.15 -2.91	103.40 -10.24 -2.34	107.23 -9.86 -5.02
HUNTLEY___65 23559	134.48 -6.04 0.00	125.58 -6.17 -0.55	115.18 -4.33 -2.51	128.17 -4.79 0.00	129.79 -6.26 0.00	136.84 -6.60 0.00	157.61 -11.50 0.00	174.42 -17.46 0.00	165.67 -16.18 0.00	146.54 -14.32 0.00	139.12 -13.26 0.00	132.51 -14.07 0.00	109.10 -11.09 -4.64	109.19 -10.77 -4.17	103.46 -11.38 -2.19	109.31 -11.26 -4.47	104.16 -11.84 -3.24	108.94 -11.94 -4.97	122.46 -11.84 -10.97	109.85 -11.75 -6.41	109.50 -12.73 -3.29	104.40 -11.15 -2.91	103.40 -10.24 -2.34	107.23 -9.86 -5.02
HUNTLEY___66 23560	134.48 -6.04 0.00	125.58 -6.17 -0.55	115.18 -4.33 -2.51	128.17 -4.79 0.00	129.79 -6.26 0.00	136.84 -6.60 0.00	157.61 -11.50 0.00	174.42 -17.46 0.00	165.67 -16.18 0.00	146.54 -14.32 0.00	139.12 -13.26 0.00	132.51 -14.07 0.00	109.10 -11.09 -4.64	109.19 -10.77 -4.17	103.46 -11.38 -2.19	109.31 -11.26 -4.47	104.16 -11.84 -3.24	108.94 -11.94 -4.97	122.46 -11.84 -10.97	109.85 -11.75 -6.41	109.50 -12.73 -3.29	104.40 -11.15 -2.91	103.40 -10.24 -2.34	107.23 -9.86 -5.02

HUNTLEY___67 23561	134.62 -5.90 0.00	125.59 -6.17 -0.56	115.10 -4.45 -2.55	128.44 -4.52 0.00	130.20 -5.85 0.00	137.27 -6.17 0.00	158.79 -10.32 0.00	175.76 -16.12 0.00	166.76 -15.09 0.00	147.51 -13.35 0.00	140.03 -12.34 0.00	133.39 -13.19 0.00	109.65 -10.63 -4.72	109.72 -10.31 -4.24	103.78 -11.04 -2.17	109.72 -10.91 -4.54	104.36 -11.62 -3.21	109.23 -11.59 -4.91	123.14 -11.35 -11.16	110.23 -11.40 -6.44	109.71 -12.49 -3.26	104.60 -10.93 -2.88	103.50 -10.13 -2.32	107.54 -9.64 -5.10
HUNTLEY___68 23562	134.62 -5.90 0.00	125.59 -6.17 -0.56	115.10 -4.45 -2.55	128.44 -4.52 0.00	130.20 -5.85 0.00	137.27 -6.17 0.00	158.79 -10.32 0.00	175.76 -16.12 0.00	166.76 -15.09 0.00	147.51 -13.35 0.00	140.03 -12.34 0.00	133.39 -13.19 0.00	109.65 -10.63 -4.72	109.72 -10.31 -4.24	103.78 -11.04 -2.17	109.72 -10.91 -4.54	104.36 -11.62 -3.21	109.23 -11.59 -4.91	123.14 -11.35 -11.16	110.23 -11.40 -6.44	109.71 -12.49 -3.26	104.60 -10.93 -2.88	103.50 -10.13 -2.32	107.54 -9.64 -5.10
HYLAND___LFGE 323620	145.43 4.92 0.00	136.26 4.46 -0.60	124.53 4.80 -2.73	138.54 5.58 0.00	140.00 3.95 0.00	150.03 6.60 0.00	176.21 7.10 0.00	184.78 -7.10 0.00	174.94 -6.91 0.00	154.25 -6.60 0.00	144.30 -8.08 0.00	137.05 -9.53 0.00	114.60 -6.01 -5.06	114.30 -6.03 -4.54	107.23 -6.65 -1.24	121.23 0.47 -4.66	115.14 0.57 -1.81	120.87 2.20 -2.76	138.72 3.45 -11.95	122.78 2.30 -5.28	121.85 1.07 -1.84	115.29 1.01 -1.63	113.62 1.00 -1.32	118.10 0.56 -5.46
INDECK___CORINTH 23802	153.02 12.50 0.00	146.92 11.81 -3.91	145.32 10.41 -17.91	145.45 12.49 0.00	148.56 12.51 0.00	158.07 14.64 0.00	186.53 17.42 0.00	211.83 19.95 0.00	200.41 18.56 0.00	177.43 16.57 0.00	167.15 14.78 0.00	160.21 13.63 0.00	159.17 10.75 -32.87	155.78 10.43 -29.57	155.40 10.14 -32.62	161.85 10.91 -34.84	172.19 11.06 -48.36	201.97 11.70 -74.36	213.90 12.71 -77.87	197.27 11.41 -70.66	179.63 11.53 -49.15	166.82 10.81 -43.36	156.28 10.13 -34.85	157.56 9.87 -35.61
INDECK___ILION 23567	144.73 4.22 0.00	135.13 3.94 0.00	120.62 3.63 0.00	136.95 3.99 0.00	140.13 4.08 0.00	147.74 4.30 0.00	173.50 4.40 0.00	196.87 4.99 0.00	186.58 4.73 0.00	165.36 4.50 0.00	156.64 4.27 0.00	150.68 4.10 0.00	118.79 3.24 0.00	118.80 3.01 0.00	115.46 2.82 0.00	119.00 2.90 0.00	115.47 2.71 0.00	118.58 2.67 0.00	126.28 2.96 0.00	117.73 2.53 0.00	121.32 2.38 0.00	115.01 2.37 0.00	113.64 2.34 0.00	114.21 2.13 0.00
INDECK___OLEAN 23982	140.94 0.42 0.00	124.22 -7.61 -0.64	114.20 -5.73 -2.93	134.42 1.47 0.00	135.91 -0.14 0.00	144.72 1.29 0.00	167.58 -1.52 0.00	186.31 -5.57 0.00	176.57 -5.28 0.00	157.32 -3.54 0.00	147.95 -4.42 0.00	141.31 -5.27 0.00	110.34 -10.63 -5.42	110.00 -10.65 -4.86	103.80 -10.81 -1.97	109.95 -11.26 -5.11	105.63 -10.04 -2.90	109.80 -10.55 -4.43	125.52 -10.61 -12.80	110.85 -10.95 -6.61	110.94 -10.94 -2.94	104.66 -10.59 -2.61	102.83 -10.58 -2.10	107.39 -10.54 -5.85
INDECK___OSWEGO 23783	142.63 2.11 0.00	133.36 1.84 -0.32	120.47 1.99 -1.49	135.08 2.12 0.00	137.69 1.64 0.00	143.29 -0.14 0.00	168.60 -0.51 0.00	194.19 2.31 0.00	183.86 2.00 0.00	162.63 1.77 0.00	153.90 1.52 0.00	148.04 1.47 0.00	121.82 3.70 -2.57	121.91 3.82 -2.31	118.79 3.60 -2.55	122.99 4.17 -2.72	120.49 3.94 -3.77	126.12 4.40 -5.80	134.46 5.06 -6.08	124.97 4.26 -5.51	126.47 3.69 -3.84	119.52 3.50 -3.38	117.14 3.11 -2.72	117.54 2.69 -2.78
INDECK___YERKES 23781	134.34 -6.18 0.00	125.58 -6.16 -0.55	115.18 -4.33 -2.51	128.18 -4.78 0.00	129.12 -6.93 0.00	138.13 -5.30 0.00	158.28 -10.83 0.00	174.42 -17.46 0.00	165.67 -16.19 0.00	148.31 -12.55 0.00	139.12 -13.26 0.00	132.65 -13.93 0.00	109.33 -10.87 -4.64	109.30 -10.65 -4.17	103.46 -11.37 -2.19	109.20 -11.37 -4.47	104.05 -11.96 -3.24	108.94 -11.94 -4.97	122.33 -11.96 -10.97	109.74 -11.86 -6.41	109.38 -12.85 -3.29	104.39 -11.15 -2.91	103.40 -10.24 -2.34	107.23 -9.86 -5.02
INDIAN POINT_GT_1 24139	149.23 8.71 0.00	142.79 8.53 -3.06	138.77 7.72 -14.05	141.20 8.24 0.00	144.21 8.16 0.00	152.04 8.61 0.00	177.56 8.46 0.00	202.05 10.17 0.00	192.40 10.55 0.00	171.96 11.10 0.00	162.89 10.51 0.00	157.28 10.70 0.00	150.18 8.78 -25.85	147.94 8.92 -23.23	146.72 8.45 -25.63	152.18 8.71 -27.37	159.23 8.46 -38.00	183.14 8.81 -58.42	194.37 9.87 -61.18	179.47 8.75 -55.52	166.48 8.92 -38.62	155.05 8.34 -34.07	147.03 8.35 -27.38	147.46 7.40 -27.98
INDIAN POINT_GT_2 23659	149.23 8.71 0.00	142.79 8.53 -3.06	138.77 7.72 -14.05	141.20 8.24 0.00	144.21 8.16 0.00	152.04 8.61 0.00	177.56 8.46 0.00	202.05 10.17 0.00	192.40 10.55 0.00	171.96 11.10 0.00	162.89 10.51 0.00	157.28 10.70 0.00	150.18 8.78 -25.85	147.94 8.92 -23.23	146.72 8.45 -25.63	152.18 8.71 -27.37	159.23 8.46 -38.00	183.14 8.81 -58.42	194.37 9.87 -61.18	179.47 8.75 -55.52	166.48 8.92 -38.62	155.05 8.34 -34.07	147.03 8.35 -27.38	147.46 7.40 -27.98
INDIAN POINT_GT_3 24019	149.23 8.71 0.00	142.79 8.53 -3.06	138.77 7.72 -14.05	141.20 8.24 0.00	144.21 8.16 0.00	152.04 8.61 0.00	177.56 8.46 0.00	202.05 10.17 0.00	192.40 10.55 0.00	171.96 11.10 0.00	162.89 10.51 0.00	157.28 10.70 0.00	150.18 8.78 -25.85	147.94 8.92 -23.23	146.72 8.45 -25.63	152.18 8.71 -27.37	159.23 8.46 -38.00	183.14 8.81 -58.42	194.37 9.87 -61.18	179.47 8.75 -55.52	166.48 8.92 -38.62	155.05 8.34 -34.07	147.03 8.35 -27.38	147.46 7.40 -27.98
INDIAN POINT___2 23530	149.09 8.57 0.00	142.49 8.27 -3.02	138.35 7.49 -13.86	141.07 8.11 0.00	144.21 8.16 0.00	151.46 8.03 0.00	176.89 7.78 0.00	201.85 9.97 0.00	192.03 10.18 0.00	171.31 10.45 0.00	162.59 10.21 0.00	156.99 10.41 0.00	149.61 8.55 -25.50	147.40 8.69 -22.92	146.15 8.22 -25.28	151.58 8.47 -27.01	158.49 8.23 -37.49	182.13 8.58 -57.64	193.31 9.63 -60.36	178.50 8.52 -54.78	165.72 8.68 -38.10	154.37 8.11 -33.61	146.44 8.12 -27.01	146.97 7.28 -27.61
INDIAN POINT___3 23531	149.09 8.57 0.00	142.66 8.40 -3.07	138.66 7.60 -14.06	141.07 8.11 0.00	144.08 8.03 0.00	151.90 8.46 0.00	177.39 8.29 0.00	201.86 9.98 0.00	192.22 10.37 0.00	171.79 10.94 0.00	162.59 10.21 0.00	156.99 10.41 0.00	150.09 8.67 -25.87	147.84 8.80 -23.25	146.62 8.34 -25.65	152.08 8.59 -27.39	159.03 8.23 -38.03	182.95 8.58 -58.46	194.17 9.62 -61.22	179.39 8.64 -55.56	166.39 8.80 -38.65	154.96 8.22 -34.09	146.94 8.24 -27.40	147.36 7.29 -28.00
INGHAM_C_115KV_TB7 356103	147.40 6.89 0.00	137.63 6.43 0.00	122.85 5.85 0.00	139.61 6.65 0.00	142.72 6.67 0.00	150.46 7.03 0.00	176.38 7.27 0.00	200.13 8.25 0.00	189.49 7.64 0.00	168.10 7.24 0.00	159.39 7.01 0.00	153.17 6.60 0.00	120.52 4.97 0.00	120.54 4.75 0.00	116.92 4.28 0.00	120.39 4.30 0.00	116.71 3.95 0.00	119.74 3.83 0.00	127.39 4.07 0.00	118.65 3.46 0.00	122.27 3.33 0.00	116.13 3.49 0.00	114.75 3.45 0.00	115.44 3.36 0.00
IP CORINTH___1 23988	153.02 12.51 0.00	146.91 11.81 -3.91	145.32 10.41 -17.91	145.46 12.50 0.00	148.57 12.52 0.00	158.21 14.77 0.00	186.53 17.42 0.00	211.84 19.96 0.00	200.40 18.55 0.00	177.42 16.57 0.00	167.16 14.78 0.00	160.21 13.63 0.00	159.17 10.75 -32.87	155.78 10.42 -29.57	155.40 10.14 -32.62	161.85 10.91 -34.84	172.18 11.05 -48.36	201.97 11.71 -74.36	213.89 12.70 -77.87	197.26 11.40 -70.66	179.63 11.54 -49.15	166.82 10.81 -43.36	156.28 10.13 -34.85	157.55 9.86 -35.61

IP__TICONDEROGA 23804	158.50 17.99 0.00	151.89 16.79 -3.90	149.63 14.74 -17.89	150.77 17.82 0.00	154.01 17.96 0.00	163.94 20.51 0.00	193.97 24.86 0.00	220.47 28.59 0.00	208.04 26.19 0.00	183.86 23.00 0.00	173.25 20.88 0.00	165.78 19.20 0.00	163.30 14.91 -32.84	159.80 14.87 -29.54	159.31 14.08 -32.59	166.35 15.44 -34.81	176.88 15.79 -48.32	206.89 16.69 -74.29	219.37 18.25 -77.80	202.04 16.24 -70.60	184.46 16.41 -49.11	170.95 14.98 -43.32	160.03 13.91 -34.82	161.33 13.67 -35.58
ISLIP_RES_REC 323679	154.99 14.48 0.00	147.94 13.64 -3.09	145.24 12.75 -15.49	147.32 14.36 0.00	149.93 13.88 0.00	155.20 11.76 0.00	180.61 11.51 0.00	206.86 14.98 0.00	197.30 15.45 0.00	176.63 15.77 0.00	167.76 15.38 0.00	162.99 16.41 0.00	155.94 13.51 -26.87	154.44 13.77 -24.88	154.51 13.17 -28.69	158.83 13.69 -29.04	163.89 12.74 -38.38	197.57 13.44 -68.22	211.09 14.92 -72.85	195.08 13.24 -66.64	171.27 13.32 -39.01	159.33 12.28 -34.41	154.15 12.79 -30.06	152.22 11.87 -28.26
JAMAICA__27_KV_LOAD 355505	151.62 11.10 0.00	145.18 10.89 -3.09	140.79 9.59 -14.20	143.20 10.24 0.00	146.39 10.34 0.00	154.05 10.61 0.00	179.93 10.82 0.00	205.12 13.24 0.00	195.67 13.82 0.00	173.40 12.55 0.00	164.11 11.73 0.00	159.18 12.61 0.00	152.64 10.98 -26.11	150.49 11.23 -23.47	149.12 10.59 -25.89	154.55 10.80 -27.66	160.75 9.59 -38.39	186.18 11.24 -59.02	197.59 12.46 -61.81	182.46 11.17 -56.09	169.38 11.42 -39.02	157.76 10.70 -34.42	149.54 10.57 -27.66	149.99 9.64 -28.27
JANIS__SOLAR 323808	149.52 9.00 0.00	139.55 7.47 -0.88	128.06 7.02 -4.04	141.47 8.52 0.00	144.21 8.16 0.00	153.19 9.76 0.00	181.12 12.01 0.00	204.74 12.86 0.00	193.50 11.65 0.00	170.67 9.81 0.00	160.30 7.92 0.00	153.76 7.18 0.00	128.37 5.32 -7.50	127.71 5.22 -6.71	131.39 4.73 -14.01	130.89 5.69 -9.10	139.33 5.75 -20.82	154.68 6.72 -32.05	149.00 8.01 -17.67	147.78 6.79 -25.79	146.28 6.18 -21.16	136.81 5.52 -18.65	131.17 4.89 -14.98	124.65 4.49 -8.08
JARVIS____ 23743	142.34 1.82 0.00	133.03 1.84 0.00	118.63 1.64 0.00	134.82 1.86 0.00	137.81 1.76 0.00	145.16 1.73 0.00	170.80 1.69 0.00	193.80 1.92 0.00	183.67 1.82 0.00	162.79 1.94 0.00	154.21 1.84 0.00	148.48 1.90 0.00	117.17 1.62 0.00	117.41 1.62 0.00	114.10 1.46 0.00	117.72 1.62 0.00	114.23 1.46 0.00	117.53 1.62 0.00	125.18 1.85 0.00	116.81 1.61 0.00	120.48 1.54 0.00	114.10 1.46 0.00	112.75 1.44 0.00	113.31 1.24 0.00
JENNISON__1 23625	150.92 10.40 0.00	141.10 8.79 -1.11	130.29 8.19 -5.10	142.80 9.84 0.00	145.71 9.66 0.00	154.19 10.76 0.00	181.96 12.85 0.00	206.08 14.20 0.00	195.13 13.28 0.00	172.28 11.42 0.00	162.43 10.06 0.00	155.96 9.38 0.00	131.60 6.59 -9.46	130.61 6.37 -8.45	129.29 5.97 -10.68	132.80 6.50 -10.20	134.93 6.31 -15.84	147.58 7.30 -24.37	153.96 8.39 -22.25	144.42 7.03 -22.20	141.70 6.66 -16.10	132.81 5.97 -14.20	128.17 5.45 -11.41	127.19 4.93 -10.18
JENNISON__2 23626	150.92 10.40 0.00	141.10 8.79 -1.11	130.29 8.19 -5.10	142.80 9.84 0.00	145.71 9.66 0.00	154.19 10.76 0.00	181.96 12.85 0.00	206.08 14.20 0.00	195.13 13.28 0.00	172.28 11.42 0.00	162.43 10.06 0.00	155.96 9.38 0.00	131.60 6.59 -9.46	130.61 6.37 -8.45	129.29 5.97 -10.68	132.80 6.50 -10.20	134.93 6.31 -15.84	147.58 7.30 -24.37	153.96 8.39 -22.25	144.42 7.03 -22.20	141.70 6.66 -16.10	132.81 5.97 -14.20	128.17 5.45 -11.41	127.19 4.93 -10.18
JERICHO_RISE_WT_PWR 323719	137.01 -3.51 0.00	127.66 -3.54 0.00	113.60 -3.40 0.00	129.77 -3.19 0.00	133.74 -2.31 0.00	141.56 -1.87 0.00	169.62 0.51 0.00	191.69 -0.19 0.00	182.95 1.10 0.00	160.38 -0.48 0.00	152.07 -0.30 0.00	146.14 -0.44 0.00	114.28 -1.27 0.00	114.28 -1.51 0.00	111.52 -1.13 0.00	114.47 -1.63 0.00	111.42 -1.35 0.00	113.71 -2.21 0.00	119.87 -3.45 0.00	111.85 -3.34 0.00	115.73 -3.21 0.00	109.37 -3.27 0.00	108.19 -3.12 0.00	109.61 -2.47 0.00
KATONAH__115KV_46KV_TB4 355592	150.92 10.40 0.00	144.56 10.23 -3.13	140.49 9.13 -14.37	143.06 10.10 0.00	145.98 9.93 0.00	154.05 10.61 0.00	180.27 11.16 0.00	204.93 13.05 0.00	195.13 13.28 0.00	174.53 13.67 0.00	165.02 12.65 0.00	159.18 12.61 0.00	152.39 10.40 -26.43	150.09 10.54 -23.76	148.88 10.03 -26.21	154.54 10.45 -28.00	161.78 10.15 -38.86	186.21 10.55 -59.75	197.49 11.59 -62.57	182.35 10.37 -56.78	169.14 10.70 -39.50	157.40 9.91 -34.84	149.21 9.91 -28.00	149.55 8.85 -28.62
KCE_NY_1 323755	150.77 10.25 0.00	144.94 9.84 -3.89	143.64 8.78 -17.87	143.20 10.24 0.00	146.38 10.33 0.00	154.20 10.76 0.00	181.12 12.01 0.00	205.70 13.82 0.00	194.58 12.73 0.00	172.59 11.74 0.00	163.49 11.12 0.00	157.14 10.56 0.00	156.85 8.43 -32.87	153.70 8.34 -29.57	153.37 8.11 -32.62	159.65 8.71 -34.84	169.81 8.68 -48.36	199.42 9.15 -74.35	211.17 9.98 -77.87	194.85 8.99 -70.66	177.25 9.16 -49.15	164.56 8.56 -43.36	154.27 8.12 -34.85	155.53 7.84 -35.61
KCE_NY_6_ESR 323823	137.29 -3.23 0.00	126.52 -5.25 -0.58	116.02 -3.63 -2.65	130.97 -1.99 0.00	132.24 -3.81 0.00	141.29 -2.15 0.00	162.85 -6.25 0.00	179.98 -11.90 0.00	170.75 -11.10 0.00	152.66 -8.20 0.00	143.24 -9.14 0.00	136.61 -9.97 0.00	110.98 -9.47 -4.90	110.92 -9.27 -4.40	104.88 -9.91 -2.16	110.92 -9.87 -4.69	105.69 -10.26 -3.18	110.47 -10.32 -4.87	124.79 -10.11 -11.58	111.47 -10.25 -6.53	110.99 -11.18 -3.23	105.59 -9.91 -2.86	104.37 -9.24 -2.30	108.40 -8.97 -5.29
KEDC PORT_JEFF_GT2 24210	153.59 13.07 0.00	146.89 12.60 -3.09	144.42 11.94 -15.49	146.25 13.29 0.00	148.70 12.65 0.00	153.62 10.18 0.00	178.40 9.29 0.00	204.17 12.29 0.00	194.77 12.91 0.00	174.37 13.51 0.00	165.63 13.25 0.00	161.09 14.51 0.00	154.55 12.13 -26.87	153.18 12.51 -24.88	153.27 11.93 -28.69	157.32 12.19 -29.04	162.32 11.17 -38.38	195.96 11.83 -68.22	209.24 13.07 -72.85	193.59 11.76 -66.64	169.73 11.78 -39.01	158.10 11.05 -34.41	153.44 11.79 -30.35	151.10 10.76 -28.26
KEDC PORT_JEFF_GT3 24211	153.59 13.07 0.00	146.89 12.60 -3.09	144.42 11.94 -15.49	146.25 13.29 0.00	148.70 12.65 0.00	153.62 10.18 0.00	178.40 9.29 0.00	204.17 12.29 0.00	194.77 12.91 0.00	174.37 13.51 0.00	165.63 13.25 0.00	161.09 14.51 0.00	154.55 12.13 -26.87	153.18 12.51 -24.88	153.27 11.93 -28.69	157.32 12.19 -29.04	162.32 11.17 -38.38	195.96 11.83 -68.22	209.24 13.07 -72.85	193.59 11.76 -66.64	169.73 11.78 -39.01	158.10 11.05 -34.41	153.44 11.79 -30.35	151.10 10.76 -28.26
KEDC_GLWD_GT4 24219	152.89 12.37 0.00	146.10 11.81 -3.09	143.24 10.76 -15.49	144.93 11.97 0.00	147.75 11.70 0.00	154.33 10.90 0.00	180.27 11.16 0.00	205.88 14.00 0.00	196.58 14.72 0.00	175.97 15.12 0.00	167.01 14.63 0.00	161.38 14.80 0.00	154.67 12.24 -26.87	152.94 12.27 -24.89	153.05 11.71 -28.69	157.21 12.07 -29.04	162.66 11.51 -38.38	196.19 12.05 -68.22	209.49 13.32 -72.85	193.81 11.98 -66.64	170.20 12.25 -39.01	158.21 11.15 -34.41	151.58 11.47 -28.81	150.54 10.20 -28.26
KEDC_GLWD_GT5 24220	152.89 12.37 0.00	146.10 11.81 -3.09	143.24 10.76 -15.49	144.93 11.97 0.00	147.75 11.70 0.00	154.33 10.90 0.00	180.27 11.16 0.00	205.88 14.00 0.00	196.58 14.72 0.00	175.97 15.12 0.00	167.01 14.63 0.00	161.38 14.80 0.00	154.67 12.24 -26.87	152.94 12.27 -24.89	153.05 11.71 -28.69	157.21 12.07 -29.04	162.66 11.51 -38.38	196.19 12.05 -68.22	209.49 13.32 -72.85	193.81 11.98 -66.64	170.20 12.25 -39.01	158.21 11.15 -34.41	151.58 11.47 -28.81	150.54 10.20 -28.26

KENSICO____ 23655	149.65 9.13 0.00	143.21 8.92 -3.09	139.24 8.07 -14.17	141.73 8.78 0.00	144.76 8.71 0.00	152.47 9.04 0.00	178.07 8.96 0.00	202.63 10.75 0.00	193.13 11.27 0.00	172.60 11.74 0.00	163.50 11.12 0.00	157.87 11.29 0.00	150.86 9.24 -26.06	148.59 9.38 -23.42	147.49 9.01 -25.84	152.98 9.29 -27.60	159.99 8.91 -38.31	184.09 9.27 -58.90	195.24 10.24 -61.68	180.39 9.22 -55.98	167.27 9.40 -38.94	155.78 8.79 -34.35	147.70 8.79 -27.60	148.13 7.85 -28.21
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	150.63 10.12 0.00	143.74 9.58 -2.97	139.62 9.01 -13.61	142.66 9.71 0.00	145.71 9.66 0.00	153.47 10.04 0.00	180.10 10.99 0.00	204.74 12.86 0.00	194.40 12.55 0.00	173.24 12.39 0.00	163.65 11.28 0.00	157.72 11.14 0.00	149.72 9.13 -25.04	147.56 9.26 -22.51	146.37 8.90 -24.83	152.02 9.40 -26.52	159.05 9.47 -36.81	182.59 10.08 -56.60	193.82 11.22 -59.27	178.89 9.91 -53.79	166.58 10.23 -37.41	155.11 9.46 -33.01	147.07 9.24 -26.52	147.48 8.29 -27.11
KIAC_JFK_GT1 23816	150.07 9.56 0.00	144.26 9.97 -3.09	140.09 8.89 -14.20	142.26 9.31 0.00	145.57 9.52 0.00	152.61 9.18 0.00	178.07 8.96 0.00	203.20 11.32 0.00	193.86 12.00 0.00	171.63 10.78 0.00	162.59 10.21 0.00	157.57 10.99 0.00	151.49 9.82 -26.11	149.22 9.96 -23.47	148.00 9.46 -25.89	153.39 9.64 -27.66	159.50 8.34 -38.39	184.90 9.97 -59.02	196.24 11.10 -61.81	181.20 9.91 -56.09	168.19 10.23 -39.02	156.53 9.46 -34.42	148.43 9.46 -27.66	148.87 8.52 -28.27
KIAC_JFK_GT2 23817	150.07 9.56 0.00	144.26 9.97 -3.09	140.09 8.89 -14.20	142.26 9.31 0.00	145.57 9.52 0.00	152.61 9.18 0.00	178.07 8.96 0.00	203.20 11.32 0.00	193.86 12.00 0.00	171.63 10.78 0.00	162.59 10.21 0.00	157.57 10.99 0.00	151.49 9.82 -26.11	149.22 9.96 -23.47	148.00 9.46 -25.89	153.39 9.64 -27.66	159.50 8.34 -38.39	184.90 9.97 -59.02	196.24 11.10 -61.81	181.20 9.91 -56.09	168.19 10.23 -39.02	156.53 9.46 -34.42	148.43 9.46 -27.66	148.87 8.52 -28.27
KIAC_JFK____ 323774	150.21 9.69 0.00	144.26 9.97 -3.09	140.08 8.89 -14.20	142.40 9.44 0.00	145.71 9.66 0.00	152.33 8.90 0.00	177.90 8.79 0.00	203.20 11.32 0.00	193.85 12.00 0.00	171.31 10.45 0.00	162.59 10.21 0.00	157.58 11.00 0.00	151.48 9.82 -26.11	149.33 10.07 -23.47	148.00 9.46 -25.89	153.38 9.63 -27.66	159.50 8.34 -38.39	184.91 9.97 -59.02	196.24 11.10 -61.81	181.20 9.91 -56.09	168.19 10.23 -39.02	156.53 9.46 -34.42	148.42 9.46 -27.66	148.86 8.51 -28.27
KINTIGH____ 23543	133.07 -7.45 0.00	126.57 -5.12 -0.49	115.50 -3.74 -2.25	126.97 -5.98 0.00	128.84 -7.21 0.00	135.83 -7.60 0.00	157.61 -11.50 0.00	174.80 -17.08 0.00	166.03 -15.82 0.00	146.86 -13.99 0.00	139.43 -12.95 0.00	132.95 -13.63 0.00	111.06 -8.67 -4.17	111.07 -9.24 -3.74	105.65 -8.82 -2.24	111.34 -10.15 -4.06	105.93 -9.74 -3.31	111.25 -9.25 -5.08	123.92 -9.33 -9.85	112.02 -10.82 -6.16	111.48 -9.24 -3.37	106.38 -8.57 -2.98	105.13 -8.57 -2.40	108.62 -7.96 -4.50
KNTFSRNC_46_KV_46KV_LOAD 80397	139.39 -1.12 0.00	129.89 -1.31 0.00	115.59 -1.40 0.00	132.16 -0.80 0.00	136.05 0.00 0.00	144.29 0.86 0.00	173.00 3.89 0.00	194.57 2.69 0.00	186.22 4.36 0.00	163.11 2.25 0.00	154.82 2.44 0.00	148.63 2.05 0.00	116.36 0.81 0.00	116.37 0.58 0.00	113.32 0.68 0.00	116.45 0.35 0.00	113.33 0.56 0.00	115.80 -0.12 0.00	122.21 -1.11 0.00	113.81 -1.38 0.00	117.51 -1.43 0.00	111.07 -1.58 0.00	109.86 -1.45 0.00	111.18 -0.90 0.00
LACHUTE__HYDRO 323717	158.51 17.99 0.00	151.90 16.80 -3.90	149.51 14.62 -17.89	150.78 17.82 0.00	154.01 17.96 0.00	163.94 20.51 0.00	193.98 24.87 0.00	220.48 28.60 0.00	208.05 26.19 0.00	183.86 23.00 0.00	173.25 20.88 0.00	165.78 19.20 0.00	163.30 14.91 -32.84	159.80 14.47 -29.54	159.31 14.08 -32.59	166.35 15.44 -34.81	176.87 15.79 -48.32	206.89 16.70 -74.29	219.37 18.25 -77.80	202.04 16.25 -70.60	184.47 16.42 -49.11	170.95 14.98 -43.32	160.03 13.91 -34.82	161.33 13.67 -35.58
LAWRNCV_115KV_TB1 80681	135.74 -4.78 0.00	126.21 -4.99 0.00	112.43 -4.56 0.00	129.63 -3.32 0.00	133.74 -2.31 0.00	140.56 -2.87 0.00	168.94 -0.17 0.00	190.54 -1.34 0.00	181.49 -0.36 0.00	157.80 -3.06 0.00	149.94 -2.44 0.00	144.53 -2.05 0.00	112.66 -2.89 0.00	112.89 -2.89 0.00	111.52 -1.13 0.00	113.78 -2.32 0.00	111.08 -1.69 0.00	112.20 -3.71 0.00	118.02 -5.30 0.00	111.97 -3.23 0.00	117.04 -1.90 0.00	111.18 -1.46 0.00	109.86 -1.45 0.00	111.18 -0.90 0.00
LEDERLE____ 23769	149.37 8.85 0.00	142.71 8.53 -2.98	138.51 7.84 -13.67	141.33 8.38 0.00	144.35 8.30 0.00	152.04 8.61 0.00	177.90 8.79 0.00	202.43 10.55 0.00	192.76 10.91 0.00	172.12 11.26 0.00	162.89 10.51 0.00	157.28 10.70 0.00	149.60 8.90 -25.15	147.42 9.03 -22.60	146.13 8.56 -24.93	151.55 8.82 -26.63	158.31 8.57 -36.97	181.67 8.93 -56.84	192.83 9.99 -59.52	178.19 8.99 -54.01	165.67 9.16 -37.57	154.23 8.45 -33.14	146.40 8.46 -26.64	146.81 7.51 -27.22
LIGHTHSE_115KV_TB6 355974	142.77 2.25 0.00	133.45 1.97 -0.29	120.31 1.99 -1.32	135.08 2.13 0.00	137.95 1.90 0.00	144.58 1.15 0.00	170.63 1.52 0.00	201.28 9.40 0.00	190.40 8.55 0.00	167.45 6.60 0.00	158.78 6.40 0.00	152.88 6.30 0.00	123.76 6.12 -2.09	124.03 6.37 -1.87	121.24 6.53 -2.06	125.62 7.31 -2.20	123.16 7.33 -3.06	128.26 7.65 -4.70	136.51 8.26 -4.92	126.81 7.14 -4.47	128.71 6.66 -3.11	121.81 6.42 -2.74	119.52 6.01 -2.20	119.71 5.38 -2.25
LINDEN COGEN____ 23786	89.12 9.42 60.81	71.72 9.05 68.52	82.37 8.19 42.81	78.35 8.77 63.38	79.56 8.84 65.33	79.92 8.75 72.26	67.57 8.28 109.83	58.40 10.74 144.22	58.40 11.28 134.73	71.57 11.59 100.87	58.40 11.28 105.25	58.40 11.58 99.76	109.74 9.25 15.06	105.69 9.37 19.47	103.64 8.90 17.90	106.81 9.17 18.46	117.12 8.68 4.33	150.36 9.05 -25.40	159.17 10.11 -25.73	156.90 8.99 -32.71	156.90 9.16 -28.80	154.00 8.67 -32.68	115.84 8.79 4.26	148.19 7.84 -28.27
LINDHRST_69_KV_BK1 356055	153.16 12.65 0.00	147.02 12.73 -3.09	144.30 11.82 -15.49	145.46 12.50 0.00	148.16 12.11 0.00	155.91 12.48 0.00	182.13 13.02 0.00	206.27 14.39 0.00	197.13 15.28 0.00	176.94 16.09 0.00	167.62 15.24 0.00	162.26 15.68 0.00	155.25 12.83 -26.87	153.64 12.97 -24.88	153.73 12.39 -28.69	158.02 12.89 -29.04	163.44 12.29 -38.38	197.23 13.10 -68.22	210.60 14.43 -72.85	194.73 12.90 -66.64	171.03 13.08 -39.01	158.88 11.83 -34.41	152.36 12.13 -28.93	151.44 11.10 -28.26
LIPA_MISC_IPP 23656	152.88 12.37 0.00	146.89 12.60 -3.09	144.30 11.82 -15.49	145.32 12.37 0.00	148.02 11.97 0.00	155.48 12.05 0.00	181.62 12.51 0.00	204.74 12.86 0.00	195.67 13.82 0.00	175.66 14.80 0.00	166.40 14.02 0.00	161.68 15.10 0.00	154.90 12.48 -26.87	153.41 12.74 -24.88	153.50 12.17 -28.69	157.79 12.65 -29.04	162.88 11.73 -38.38	196.77 12.63 -68.22	210.11 13.94 -72.85	194.16 12.33 -66.64	170.32 12.37 -39.01	158.43 11.38 -34.41	153.31 11.91 -30.09	151.32 10.98 -28.26
LISF__SOLAR 323691	154.14 13.63 0.00	147.28 12.99 -3.09	144.54 12.05 -15.49	146.53 13.57 0.00	149.24 13.19 0.00	154.33 10.90 0.00	179.60 10.49 0.00	205.51 13.63 0.00	196.22 14.36 0.00	175.49 14.64 0.00	166.70 14.32 0.00	161.97 15.39 0.00	155.13 12.71 -26.87	153.64 12.97 -24.88	153.73 12.39 -28.69	158.02 12.89 -29.04	163.10 11.95 -38.38	196.88 12.75 -68.22	210.22 14.05 -72.85	194.39 12.56 -66.64	170.55 12.60 -39.01	158.66 11.60 -34.41	153.66 12.24 -30.11	151.55 11.21 -28.26

LITTLE FALLS___HYD 24013	147.40 6.89 0.00	137.63 6.43 0.00	122.85 5.85 0.00	139.61 6.65 0.00	142.72 6.67 0.00	150.46 7.03 0.00	176.38 7.27 0.00	200.13 8.25 0.00	189.49 7.64 0.00	168.10 7.24 0.00	159.39 7.01 0.00	153.17 6.60 0.00	120.52 4.97 0.00	120.54 4.75 0.00	116.92 4.28 0.00	120.39 4.30 0.00	116.71 3.95 0.00	119.74 3.83 0.00	127.39 4.07 0.00	118.65 3.46 0.00	122.27 3.33 0.00	116.13 3.49 0.00	114.75 3.45 0.00	115.44 3.36 0.00
LITTLRIV_115KV_TB1 356100	137.57 -2.95 0.00	127.84 -3.41 -0.05	113.95 -3.28 -0.23	131.10 -1.86 0.00	135.37 -0.68 0.00	142.43 -1.00 0.00	171.31 2.20 0.00	193.42 1.54 0.00	184.04 2.18 0.00	159.89 -0.97 0.00	151.62 -0.76 0.00	145.99 -0.59 0.00	113.82 -1.73 0.00	114.17 -1.62 0.00	112.75 0.11 0.00	115.05 -1.04 0.00	112.43 -0.34 0.00	113.82 -2.09 0.00	119.75 -3.58 0.00	113.47 -1.73 0.00	118.58 -0.36 0.00	112.42 -0.23 0.00	111.19 -0.11 0.00	112.53 0.45 0.00
LI_NEWBRDGE___DRP 323616	150.78 10.26 0.00	144.66 10.36 -3.09	142.08 9.59 -15.49	143.06 10.10 0.00	145.84 9.80 0.00	153.33 9.90 0.00	179.09 9.98 0.00	203.20 11.32 0.00	194.04 12.18 0.00	174.05 13.19 0.00	164.87 12.49 0.00	159.48 12.90 0.00	153.05 10.63 -26.87	151.44 10.77 -24.88	151.59 10.25 -28.69	155.70 10.56 -29.04	161.30 10.15 -38.38	194.68 10.55 -68.22	207.89 11.72 -72.85	192.32 10.48 -66.64	168.65 10.70 -39.01	156.85 9.80 -34.41	150.36 10.24 -28.81	149.42 9.08 -28.26
LOCKPORT_115KV_TB60_63_64 80432	132.37 -8.15 0.00	124.25 -7.48 -0.53	113.80 -5.62 -2.42	126.31 -6.65 0.00	127.89 -8.16 0.00	134.97 -8.46 0.00	156.09 -13.02 0.00	172.50 -19.38 0.00	163.85 -18.00 0.00	144.93 -15.92 0.00	137.60 -14.78 0.00	131.04 -15.54 0.00	108.25 -11.79 -4.48	108.23 -11.58 -4.02	102.68 -12.17 -2.20	108.35 -12.07 -4.33	103.97 -12.07 -3.27	109.00 -11.94 -5.03	121.20 -12.70 -10.58	109.06 -12.44 -6.31	109.18 -13.08 -3.32	104.64 -10.93 -2.92	103.64 -10.02 -2.35	106.38 -10.54 -4.84
LOCKPORT___CC1 323769	131.94 -8.58 0.00	123.72 -8.01 -0.53	113.47 -5.96 -2.43	125.91 -7.05 0.00	127.07 -8.98 0.00	135.97 -7.46 0.00	156.25 -12.86 0.00	171.92 -19.96 0.00	163.30 -18.55 0.00	146.06 -14.80 0.00	136.99 -15.38 0.00	130.61 -15.97 0.00	108.04 -12.02 -4.51	108.02 -11.81 -4.04	102.33 -12.51 -2.20	108.03 -12.42 -4.35	103.32 -12.63 -3.18	108.18 -12.52 -4.79	120.90 -13.08 -10.65	108.61 -12.90 -6.32	108.37 -13.80 -3.23	104.06 -11.49 -2.91	103.07 -10.58 -2.34	106.08 -10.87 -4.87
LOCKPORT___CC2 323770	131.94 -8.58 0.00	123.72 -8.01 -0.53	113.47 -5.96 -2.43	125.91 -7.05 0.00	127.07 -8.98 0.00	135.97 -7.46 0.00	156.25 -12.86 0.00	171.92 -19.96 0.00	163.30 -18.55 0.00	146.06 -14.80 0.00	136.99 -15.38 0.00	130.61 -15.97 0.00	108.04 -12.02 -4.51	108.02 -11.81 -4.04	102.33 -12.51 -2.20	108.03 -12.42 -4.35	103.32 -12.63 -3.18	108.18 -12.52 -4.79	120.90 -13.08 -10.65	108.61 -12.90 -6.32	108.37 -13.80 -3.23	104.06 -11.49 -2.91	103.07 -10.58 -2.34	106.08 -10.87 -4.87
LOCKPORT___CC3 323771	131.94 -8.58 0.00	123.72 -8.01 -0.53	113.47 -5.96 -2.43	125.91 -7.05 0.00	127.07 -8.98 0.00	135.97 -7.46 0.00	156.25 -12.86 0.00	171.92 -19.96 0.00	163.30 -18.55 0.00	146.06 -14.80 0.00	136.99 -15.38 0.00	130.61 -15.97 0.00	108.04 -12.02 -4.51	108.02 -11.81 -4.04	102.33 -12.51 -2.20	108.03 -12.42 -4.35	103.32 -12.63 -3.18	108.18 -12.52 -4.79	120.90 -13.08 -10.65	108.61 -12.90 -6.32	108.37 -13.80 -3.23	104.06 -11.49 -2.91	103.07 -10.58 -2.34	106.08 -10.87 -4.87
LONG_LAKE_PHOENIX 24014	141.50 0.98 0.00	132.31 0.79 -0.33	119.56 1.05 -1.51	133.89 0.93 0.00	136.59 0.54 0.00	143.15 -0.29 0.00	168.60 -0.51 0.00	192.65 0.77 0.00	182.40 0.55 0.00	161.18 0.32 0.00	152.83 0.46 0.00	146.87 0.29 0.00	119.73 1.50 -2.68	119.81 1.62 -2.40	116.75 1.46 -2.65	120.90 1.97 -2.83	118.39 1.69 -3.93	124.03 2.09 -6.04	132.36 2.71 -6.32	123.01 2.07 -5.74	124.48 1.55 -3.99	117.63 1.46 -3.52	115.25 1.11 -2.83	115.75 0.78 -2.89
LOVETT___3 23632	148.67 8.15 0.00	142.19 8.00 -2.99	137.97 7.25 -13.72	140.80 7.84 0.00	143.80 7.75 0.00	151.47 8.03 0.00	177.06 7.95 0.00	201.47 9.59 0.00	191.86 10.00 0.00	171.47 10.62 0.00	162.28 9.90 0.00	156.69 10.11 0.00	149.11 8.32 -25.24	146.93 8.45 -22.69	145.66 8.00 -25.02	151.07 8.24 -26.73	157.88 8.01 -37.10	181.30 8.35 -57.04	192.43 9.37 -59.74	177.81 8.41 -54.21	165.21 8.56 -37.71	153.79 7.88 -33.27	145.94 7.90 -26.73	146.46 7.06 -27.32
LOVETT___4 23642	148.67 8.15 0.00	142.19 8.00 -2.99	137.97 7.25 -13.72	140.80 7.84 0.00	143.80 7.75 0.00	151.47 8.03 0.00	177.06 7.95 0.00	201.47 9.59 0.00	191.86 10.00 0.00	171.47 10.62 0.00	162.28 9.90 0.00	156.69 10.11 0.00	149.11 8.32 -25.24	146.93 8.45 -22.69	145.66 8.00 -25.02	151.07 8.24 -26.73	157.88 8.01 -37.10	181.30 8.35 -57.04	192.43 9.37 -59.74	177.81 8.41 -54.21	165.21 8.56 -37.71	153.79 7.88 -33.27	145.94 7.90 -26.73	146.46 7.06 -27.32
LOVETT___5 23593	148.67 8.15 0.00	142.19 8.00 -2.99	137.97 7.25 -13.72	140.80 7.84 0.00	143.80 7.75 0.00	151.47 8.03 0.00	177.06 7.95 0.00	201.47 9.59 0.00	191.86 10.00 0.00	171.47 10.62 0.00	162.28 9.90 0.00	156.69 10.11 0.00	149.11 8.32 -25.24	146.93 8.45 -22.69	145.66 8.00 -25.02	151.07 8.24 -26.73	157.88 8.01 -37.10	181.30 8.35 -57.04	192.43 9.37 -59.74	177.81 8.41 -54.21	165.21 8.56 -37.71	153.79 7.88 -33.27	145.94 7.90 -26.73	146.46 7.06 -27.32
LOWER RAQUET___HYD 24057	135.88 -4.63 0.00	126.53 -4.72 -0.05	112.79 -4.45 -0.24	129.77 -3.19 0.00	133.87 -2.18 0.00	140.41 -3.02 0.00	168.77 -0.34 0.00	190.34 -1.54 0.00	181.31 -0.54 0.00	157.47 -3.39 0.00	149.79 -2.59 0.00	144.38 -2.19 0.00	112.55 -3.01 0.00	112.90 -2.89 0.00	111.74 -0.91 0.00	114.01 -2.09 0.00	111.19 -1.58 0.00	112.32 -3.59 0.00	118.15 -5.17 0.00	111.97 -3.22 0.00	117.16 -1.78 0.00	111.30 -1.35 0.00	109.97 -1.33 0.00	111.30 -0.78 0.00
LOWER___HUDSON 24059	148.24 7.72 0.00	142.63 7.61 -3.83	141.47 6.90 -17.57	140.93 7.98 0.00	143.94 7.89 0.00	151.46 8.03 0.00	177.56 8.45 0.00	201.85 9.97 0.00	191.12 9.27 0.00	169.70 8.84 0.00	160.75 8.38 0.00	154.78 8.20 0.00	154.65 6.82 -32.28	151.54 6.71 -29.04	151.20 6.53 -32.03	157.27 6.97 -34.21	167.14 6.88 -47.49	196.00 7.07 -73.02	207.56 7.77 -76.47	191.73 7.14 -69.39	174.46 7.26 -48.27	161.98 6.76 -42.58	152.09 6.57 -34.22	153.21 6.16 -34.97
LOWVILLE_115KV_TB2 356335	145.72 5.20 0.00	135.78 4.46 -0.13	121.44 3.86 -0.58	137.74 4.79 0.00	141.08 5.03 0.00	148.74 5.31 0.00	176.89 7.78 0.00	202.63 10.75 0.00	191.86 10.00 0.00	168.42 7.56 0.00	159.23 6.86 0.00	153.03 6.45 0.00	121.37 4.85 -0.96	121.75 5.09 -0.86	119.23 5.63 -0.95	123.04 5.92 -1.02	120.38 6.20 -1.41	124.46 6.38 -2.18	132.38 6.78 -2.28	123.48 6.22 -2.07	126.44 6.07 -1.44	119.54 5.63 -1.27	117.67 5.34 -1.02	118.05 4.93 -1.04
LUTHERFT_115KV_GLOB_FND_222 355753	150.78 10.26 0.00	144.80 9.71 -3.89	143.52 8.66 -17.87	143.20 10.24 0.00	146.25 10.20 0.00	154.05 10.61 0.00	181.11 12.01 0.00	205.50 13.62 0.00	194.58 12.73 0.00	172.44 11.58 0.00	163.35 10.97 0.00	156.99 10.41 0.00	156.74 8.32 -32.87	153.58 8.22 -29.57	153.26 8.00 -32.62	159.53 8.59 -34.84	169.70 8.57 -48.36	199.31 9.04 -74.35	211.06 9.87 -77.87	194.84 8.99 -70.66	177.13 9.04 -49.15	164.45 8.45 -43.36	154.16 8.01 -34.85	155.42 7.73 -35.61

LUTHERNY_35_KV_BK2 355980	150.78 10.26 0.00	144.93 9.84 -3.89	143.64 8.77 -17.87	143.33 10.37 0.00	146.39 10.34 0.00	154.19 10.76 0.00	181.28 12.18 0.00	205.70 13.82 0.00	194.58 12.73 0.00	172.60 11.74 0.00	163.50 11.12 0.00	157.13 10.55 0.00	156.85 8.44 -32.87	153.69 8.34 -29.57	153.37 8.11 -32.62	159.64 8.71 -34.84	169.81 8.68 -48.36	199.42 9.16 -74.35	211.18 9.99 -77.87	194.84 8.99 -70.66	177.25 9.16 -49.15	164.56 8.56 -43.36	154.28 8.13 -34.85	155.53 7.85 -35.61
LWR___OSWEGATCHIE_HYD 23850	140.66 0.14 0.00	130.90 -0.39 -0.10	116.97 -0.47 -0.44	133.49 0.53 0.00	137.00 0.95 0.00	144.01 0.57 0.00	172.15 3.04 0.00	196.10 4.22 0.00	186.22 4.36 0.00	162.63 1.77 0.00	154.36 1.98 0.00	148.63 2.05 0.00	117.32 1.04 -0.73	117.72 1.27 -0.65	115.73 2.37 -0.72	118.73 1.86 -0.77	116.09 2.26 -1.07	118.95 1.39 -1.65	125.91 0.86 -1.72	118.14 1.38 -1.56	122.05 2.02 -1.09	115.74 2.14 -0.96	114.08 2.00 -0.77	114.88 2.02 -0.79
LYONS_FALL_HYD 23570	145.72 5.20 0.00	135.90 4.59 -0.11	121.61 4.09 -0.52	137.74 4.78 0.00	140.94 4.89 0.00	148.88 5.45 0.00	176.54 7.43 0.00	201.47 9.59 0.00	190.76 8.91 0.00	168.10 7.25 0.00	158.78 6.40 0.00	152.59 6.01 0.00	121.07 4.63 -0.89	121.33 4.75 -0.79	118.59 5.07 -0.88	122.38 5.34 -0.94	119.59 5.52 -1.30	123.70 5.79 -2.00	131.58 6.16 -2.09	122.62 5.53 -1.90	125.74 5.47 -1.32	118.76 4.95 -1.17	117.02 4.78 -0.94	117.40 4.37 -0.96
MADISON___COUNTY_LFGE 323628	146.56 6.04 0.00	136.67 5.25 -0.22	122.92 4.91 -1.01	138.67 5.72 0.00	141.63 5.58 0.00	149.74 6.31 0.00	176.89 7.78 0.00	200.71 8.83 0.00	190.04 8.18 0.00	167.93 7.08 0.00	158.78 6.40 0.00	152.44 5.86 0.00	121.90 4.51 -1.84	121.95 4.52 -1.65	118.97 4.51 -1.82	123.03 4.99 -1.94	120.20 4.74 -2.70	125.27 5.22 -4.15	133.59 5.92 -4.34	124.20 5.07 -3.94	126.44 4.76 -2.74	119.34 4.28 -2.42	117.25 4.01 -1.94	117.76 3.70 -1.99
MALONE___115KV_TB1 356076	139.11 -1.41 0.00	129.62 -1.57 0.00	115.24 -1.75 0.00	132.16 -0.80 0.00	136.05 0.00 0.00	144.01 0.57 0.00	173.00 3.89 0.00	195.33 3.45 0.00	186.22 4.36 0.00	162.63 1.77 0.00	154.51 2.13 0.00	148.34 1.76 0.00	116.02 0.46 0.00	116.14 0.35 0.00	113.32 0.68 0.00	116.21 0.12 0.00	113.22 0.45 0.00	115.45 -0.46 0.00	121.72 -1.60 0.00	113.81 -1.38 0.00	117.87 -1.07 0.00	111.52 -1.13 0.00	110.19 -1.11 0.00	111.52 -0.56 0.00
MAPLEWOD_115KV_TB3 80458	147.68 7.17 0.00	141.57 6.56 -3.81	140.32 5.85 -17.47	139.87 6.91 0.00	142.72 6.67 0.00	150.17 6.74 0.00	175.87 6.76 0.00	201.28 9.40 0.00	190.76 8.91 0.00	169.70 8.85 0.00	160.91 8.53 0.00	154.93 8.35 0.00	154.45 6.93 -31.96	151.48 6.95 -28.75	151.00 6.65 -31.71	156.70 6.73 -33.87	166.10 6.31 -47.02	193.88 5.68 -72.29	205.07 6.04 -75.70	189.54 5.64 -68.70	172.44 5.71 -47.79	160.21 5.41 -42.16	150.64 5.45 -33.88	151.97 5.27 -34.62
MAPLE_RIDGE_WT_1 323574	139.11 -1.41 0.00	129.76 -1.44 0.00	115.60 -1.40 0.00	131.63 -1.33 0.00	134.96 -1.09 0.00	142.44 -1.00 0.00	168.77 -0.34 0.00	191.50 -0.38 0.00	181.49 -0.36 0.00	159.90 -0.96 0.00	151.47 -0.91 0.00	145.70 -0.87 0.00	114.51 -1.04 0.00	114.74 -1.04 0.00	111.86 -0.78 0.00	115.05 -1.05 0.00	111.86 -0.91 0.00	114.64 -1.27 0.00	121.60 -1.73 0.00	113.69 -1.50 0.00	117.63 -1.31 0.00	111.17 -1.47 0.00	109.85 -1.45 0.00	110.85 -1.23 0.00
MAPLE_RIDGE_WT_2 323611	139.11 -1.41 0.00	129.76 -1.44 0.00	115.60 -1.40 0.00	131.63 -1.33 0.00	134.96 -1.09 0.00	142.44 -1.00 0.00	168.77 -0.34 0.00	191.50 -0.38 0.00	181.49 -0.36 0.00	159.90 -0.96 0.00	151.47 -0.91 0.00	145.70 -0.87 0.00	114.51 -1.04 0.00	114.74 -1.04 0.00	111.86 -0.78 0.00	115.05 -1.05 0.00	111.86 -0.91 0.00	114.64 -1.27 0.00	121.60 -1.73 0.00	113.69 -1.50 0.00	117.63 -1.31 0.00	111.17 -1.47 0.00	109.85 -1.45 0.00	110.85 -1.23 0.00
MARBLE_RIVER_WT_PWR 323696	137.29 -3.23 0.00	127.92 -3.27 0.00	113.84 -3.15 0.00	130.16 -2.80 0.00	134.01 -2.04 0.00	141.86 -1.57 0.00	169.96 0.85 0.00	191.69 -0.19 0.00	183.14 1.28 0.00	160.54 -0.32 0.00	152.23 -0.15 0.00	146.43 -0.15 0.00	114.51 -1.04 0.00	114.52 -1.27 0.00	111.74 -0.91 0.00	114.58 -1.51 0.00	111.64 -1.13 0.00	113.94 -1.97 0.00	120.12 -3.21 0.00	112.09 -3.10 0.00	115.97 -2.97 0.00	109.61 -3.04 0.00	108.41 -2.89 0.00	109.84 -2.24 0.00
MARSHVLE_115KV_TB1 80742	150.63 10.12 0.00	145.15 9.58 -4.37	145.47 8.42 -20.05	143.06 10.10 0.00	146.25 10.20 0.00	154.62 11.19 0.00	182.13 13.02 0.00	206.27 14.39 0.00	194.58 12.73 0.00	170.99 10.13 0.00	160.91 8.53 0.00	154.79 8.21 0.00	161.34 7.74 -38.05	156.28 7.29 -33.20	156.25 6.98 -36.62	163.34 8.13 -39.12	175.42 8.34 -54.30	208.79 9.39 -83.49	221.24 10.48 -87.43	203.75 9.22 -79.34	183.29 9.16 -55.19	169.89 8.56 -48.69	158.22 7.79 -39.13	159.24 7.17 -39.99
MARSH_HILL_WT_PWR 323713	141.92 1.41 0.00	130.98 -0.91 -0.69	120.30 0.12 -3.18	135.08 2.12 0.00	137.13 1.08 0.00	146.45 3.02 0.00	171.14 2.04 0.00	190.34 -1.54 0.00	179.68 -2.17 0.00	159.41 -1.45 0.00	149.64 -2.74 0.00	142.63 -3.95 0.00	116.82 -4.63 -5.89	116.43 -4.64 -5.28	106.76 -5.40 0.48	116.07 -5.11 -5.08	106.72 -5.30 0.75	108.93 -5.79 1.19	132.17 -5.06 -13.91	112.75 -5.76 -3.31	111.41 -6.77 0.76	105.57 -6.42 0.65	104.11 -6.68 0.52	111.26 -7.18 -6.36
MCINTYRE_115KV_TB2 80467	138.27 -2.25 0.00	128.44 -2.76 0.00	114.19 -2.81 0.00	131.63 -1.33 0.00	136.05 0.00 0.00	143.43 0.00 0.00	173.00 3.89 0.00	195.14 3.26 0.00	185.49 3.64 0.00	161.02 0.16 0.00	152.53 0.15 0.00	146.73 0.15 0.00	114.05 -1.50 0.00	114.17 -1.62 0.00	112.98 0.34 0.00	115.28 -0.81 0.00	112.88 0.11 0.00	114.64 -1.28 0.00	120.49 -2.84 0.00	114.16 -1.04 0.00	119.18 0.24 0.00	112.98 0.34 0.00	111.53 0.22 0.00	112.86 0.78 0.00
MECO_____69_KV_BK1 80468	153.87 13.35 0.00	147.87 12.46 -4.21	147.29 11.00 -19.29	146.12 13.16 0.00	149.38 13.33 0.00	157.78 14.34 0.00	186.36 17.25 0.00	210.88 19.00 0.00	198.77 16.91 0.00	175.01 14.16 0.00	165.02 12.65 0.00	158.45 11.87 0.00	162.15 10.05 -36.55	157.47 9.73 -31.95	157.35 9.46 -35.25	164.42 10.68 -37.65	176.08 11.05 -52.26	208.31 12.05 -80.35	220.79 13.32 -84.14	203.53 11.98 -76.36	184.07 12.01 -53.11	170.54 11.04 -46.86	159.20 10.24 -37.65	160.20 9.64 -38.48
MENANDS___115KV_TB5 355628	147.12 6.60 0.00	140.90 5.90 -3.80	139.82 5.38 -17.44	139.21 6.25 0.00	142.04 5.99 0.00	149.46 6.02 0.00	174.86 5.75 0.00	199.17 7.29 0.00	188.76 6.91 0.00	167.93 7.08 0.00	159.23 6.86 0.00	153.47 6.89 0.00	153.35 5.78 -32.02	150.37 5.79 -28.79	149.92 5.52 -31.76	155.36 5.34 -33.93	164.71 4.85 -47.10	193.07 4.75 -72.41	204.21 5.06 -75.83	188.73 4.72 -68.81	171.56 4.76 -47.86	159.49 4.62 -42.23	149.91 4.67 -33.93	151.46 4.71 -34.68
MG INDUSTRY___DRP 24185	146.98 6.46 0.00	140.70 5.77 -3.73	139.24 5.15 -17.09	139.21 6.25 0.00	142.04 5.99 0.00	149.46 6.02 0.00	174.86 5.75 0.00	198.40 6.52 0.00	187.67 5.82 0.00	166.65 5.79 0.00	158.02 5.64 0.00	152.15 5.57 0.00	151.46 4.51 -31.40	148.54 4.52 -28.23	148.18 4.39 -31.14	153.66 4.30 -33.26	162.89 3.95 -46.18	190.96 4.06 -70.99	202.11 4.44 -74.34	186.69 4.03 -67.46	170.03 4.16 -46.93	158.10 4.06 -41.40	148.69 4.12 -33.27	150.45 4.37 -34.00

MID___OSWEGATCHIE_HYD 23849	140.66 0.14 0.00	130.90 -0.39 -0.10	116.97 -0.47 -0.44	133.49 0.53 0.00	137.00 0.95 0.00	144.01 0.57 0.00	172.15 3.04 0.00	196.10 4.22 0.00	186.22 4.36 0.00	162.63 1.77 0.00	154.36 1.98 0.00	148.63 2.05 0.00	117.32 1.04 -0.73	117.72 1.27 -0.65	115.73 2.37 -0.72	118.73 1.86 -0.77	116.09 2.26 -1.07	118.95 1.39 -1.65	125.91 0.86 -1.72	118.14 1.38 -1.56	122.05 2.02 -1.09	115.74 2.14 -0.96	114.08 2.00 -0.77	114.88 2.02 -0.79
MID___RAQUETTE_HYD 23851	135.88 -4.64 0.00	126.53 -4.72 -0.05	112.79 -4.45 -0.24	129.77 -3.19 0.00	133.87 -2.18 0.00	140.42 -3.01 0.00	168.77 -0.34 0.00	190.35 -1.54 0.00	181.31 -0.55 0.00	157.64 -3.22 0.00	149.79 -2.59 0.00	144.38 -2.20 0.00	112.90 -2.66 0.00	113.13 -2.66 0.00	111.74 -0.90 0.00	114.01 -2.09 0.00	111.19 -1.58 0.00	112.32 -3.59 0.00	118.14 -5.18 0.00	111.97 -3.23 0.00	117.16 -1.78 0.00	111.29 -1.35 0.00	110.08 -1.22 0.00	111.29 -0.78 0.00
MILLIKEN___1 23584	143.61 3.09 0.00	134.37 2.49 -0.68	122.67 2.57 -3.10	136.15 3.19 0.00	138.77 2.72 0.00	146.73 3.30 0.00	172.83 3.72 0.00	195.72 3.84 0.00	185.31 3.46 0.00	163.75 2.90 0.00	154.82 2.44 0.00	148.48 1.91 0.00	122.82 1.50 -5.76	122.46 1.51 -5.17	127.52 1.24 -13.64	125.48 1.86 -7.53	134.73 1.69 -20.27	149.33 2.20 -31.21	140.02 3.08 -13.61	141.68 2.42 -24.07	141.44 1.90 -20.60	132.48 1.69 -18.15	127.22 1.34 -14.58	119.31 1.01 -6.22
MILLIKEN___2 23585	143.61 3.09 0.00	134.37 2.49 -0.68	122.67 2.57 -3.10	136.15 3.19 0.00	138.77 2.72 0.00	146.73 3.30 0.00	172.83 3.72 0.00	195.72 3.84 0.00	185.31 3.46 0.00	163.75 2.90 0.00	154.82 2.44 0.00	148.48 1.91 0.00	122.82 1.50 -5.76	122.46 1.51 -5.17	127.52 1.24 -13.64	125.48 1.86 -7.53	134.73 1.69 -20.27	149.33 2.20 -31.21	140.02 3.08 -13.61	141.68 2.42 -24.07	141.44 1.90 -20.60	132.48 1.69 -18.15	127.22 1.34 -14.58	119.31 1.01 -6.22
MILLIKEN___DIESEL 23629	143.61 3.09 0.00	134.37 2.49 -0.68	122.67 2.57 -3.10	136.15 3.19 0.00	138.77 2.72 0.00	146.73 3.30 0.00	172.83 3.72 0.00	195.72 3.84 0.00	185.31 3.46 0.00	163.75 2.90 0.00	154.82 2.44 0.00	148.48 1.91 0.00	122.82 1.50 -5.76	122.46 1.51 -5.17	127.52 1.24 -13.64	125.48 1.86 -7.53	134.73 1.69 -20.27	149.33 2.20 -31.21	140.02 3.08 -13.61	141.68 2.42 -24.07	141.44 1.90 -20.60	132.48 1.69 -18.15	127.22 1.34 -14.58	119.31 1.01 -6.22
MILLSEAT___LFGE 323607	135.46 -5.05 0.00	127.25 -4.46 -0.51	116.43 -2.92 -2.36	129.24 -3.72 0.00	130.34 -5.71 0.00	139.57 -3.87 0.00	161.50 -7.61 0.00	178.26 -13.62 0.00	169.48 -12.37 0.00	151.21 -9.65 0.00	142.01 -10.37 0.00	135.29 -11.28 0.00	111.72 -8.20 -4.36	111.71 -7.99 -3.91	105.95 -8.90 -2.21	111.74 -8.59 -4.23	107.25 -8.80 -3.28	112.84 -8.12 -5.05	125.12 -8.51 -10.31	112.68 -8.76 -6.25	112.76 -9.52 -3.34	107.81 -7.77 -2.94	106.66 -7.01 -2.36	109.28 -7.51 -4.71
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	149.37 8.85 0.00	142.93 8.66 -3.08	138.95 7.84 -14.11	141.47 8.51 0.00	144.48 8.44 0.00	152.18 8.75 0.00	177.73 8.62 0.00	202.24 10.36 0.00	192.58 10.73 0.00	172.28 11.42 0.00	163.04 10.67 0.00	157.43 10.85 0.00	150.41 8.90 -25.96	148.15 9.03 -23.33	147.05 8.67 -25.74	152.53 8.94 -27.49	159.50 8.57 -38.17	183.51 8.93 -58.68	194.76 9.99 -61.45	179.83 8.87 -55.76	166.77 9.04 -38.79	155.31 8.45 -34.22	147.37 8.57 -27.50	147.80 7.62 -28.10
MILLWOOD_13_KV_LOAD 356217	149.65 9.13 0.00	143.20 8.92 -3.08	139.18 8.07 -14.11	141.73 8.78 0.00	144.76 8.71 0.00	152.47 9.04 0.00	178.24 9.13 0.00	202.82 10.94 0.00	193.13 11.27 0.00	172.76 11.90 0.00	163.50 11.12 0.00	157.87 11.29 0.00	150.76 9.24 -25.96	148.50 9.38 -23.33	147.28 8.90 -25.74	152.88 9.29 -27.49	159.84 8.91 -38.17	183.86 9.27 -58.68	195.13 10.36 -61.45	180.17 9.22 -55.76	167.12 9.40 -38.79	155.65 8.79 -34.22	147.60 8.79 -27.50	148.03 7.85 -28.10
MODEL_CITY_ENERGY 24167	131.39 -9.13 0.00	123.33 -8.40 -0.54	113.02 -6.43 -2.45	125.38 -7.57 0.00	126.52 -9.53 0.00	135.26 -8.17 0.00	155.57 -13.53 0.00	170.97 -20.91 0.00	162.40 -19.46 0.00	145.41 -15.44 0.00	136.22 -16.16 0.00	129.86 -16.71 0.00	107.50 -12.59 -4.54	107.48 -12.39 -4.08	101.89 -12.95 -2.20	107.48 -13.00 -4.39	103.28 -12.74 -3.26	108.29 -12.63 -5.01	120.36 -13.69 -10.73	107.95 -13.59 -6.35	108.34 -13.92 -3.31	104.19 -11.37 -2.92	103.19 -10.47 -2.35	105.67 -11.32 -4.91
MODERN_LFGE___ 323580	131.39 -9.13 0.00	123.33 -8.40 -0.54	113.02 -6.43 -2.45	125.38 -7.57 0.00	126.52 -9.53 0.00	135.26 -8.17 0.00	155.57 -13.53 0.00	170.97 -20.91 0.00	162.40 -19.46 0.00	145.41 -15.44 0.00	136.22 -16.16 0.00	129.86 -16.71 0.00	107.50 -12.59 -4.54	107.48 -12.39 -4.08	101.89 -12.95 -2.20	107.48 -13.00 -4.39	103.28 -12.74 -3.26	108.29 -12.63 -5.01	120.36 -13.69 -10.73	107.95 -13.59 -6.35	108.34 -13.92 -3.31	104.19 -11.37 -2.92	103.19 -10.47 -2.35	105.67 -11.32 -4.91
MOHAWK_PAPER___DRP 24187	147.68 7.17 0.00	141.57 6.56 -3.81	140.32 5.85 -17.47	139.87 6.91 0.00	142.72 6.67 0.00	150.17 6.74 0.00	175.87 6.76 0.00	201.28 9.40 0.00	190.76 8.91 0.00	169.70 8.85 0.00	160.91 8.53 0.00	154.93 8.35 0.00	154.45 6.93 -31.96	151.48 6.95 -28.75	151.00 6.65 -31.71	156.70 6.73 -33.87	166.10 6.31 -47.02	193.88 6.04 -72.29	205.07 5.68 -75.70	189.54 5.64 -68.70	172.44 5.71 -47.79	160.21 5.41 -42.16	150.64 5.45 -33.88	151.97 5.27 -34.62
MOHICAN___35_KV_115KV_LD 80490	153.44 12.93 0.00	147.30 12.20 -3.90	145.64 10.76 -17.88	145.72 12.76 0.00	148.97 12.92 0.00	158.06 14.63 0.00	186.36 17.25 0.00	211.64 19.76 0.00	200.22 18.37 0.00	177.26 16.41 0.00	167.31 14.93 0.00	160.36 13.78 0.00	159.24 10.86 -32.82	155.85 10.54 -29.53	155.46 10.25 -32.57	162.03 11.15 -34.79	172.34 11.28 -48.30	201.98 11.82 -74.25	214.03 12.95 -77.76	197.39 11.63 -70.56	179.80 11.78 -49.08	166.87 10.93 -43.30	156.34 10.24 -34.80	157.61 9.97 -35.56
MONGAUP___HYD 23641	149.79 9.27 0.00	142.55 8.52 -2.83	138.04 8.07 -12.98	141.59 8.64 0.00	144.76 8.71 0.00	151.32 7.88 0.00	175.53 6.42 0.00	199.56 7.68 0.00	189.13 7.28 0.00	168.10 7.25 0.00	161.06 8.68 0.00	154.93 8.35 0.00	146.36 6.93 -23.88	144.43 7.18 -21.46	143.19 6.87 -23.67	148.70 7.32 -25.29	155.42 7.56 -35.10	176.71 6.84 -53.96	187.49 7.65 -56.51	173.16 6.68 -51.29	161.51 6.90 -35.67	151.78 7.66 -31.47	144.05 7.46 -25.29	145.43 7.51 -25.85
MONTAUK___DIESEL 23721	158.64 18.13 0.00	151.87 17.58 -3.09	148.86 16.38 -15.49	150.64 17.68 0.00	153.46 17.41 0.00	161.36 17.93 0.00	189.06 19.95 0.00	212.99 21.11 0.00	203.68 21.82 0.00	182.73 21.88 0.00	172.95 20.57 0.00	167.69 21.11 0.00	159.52 17.10 -26.87	157.92 17.25 -24.88	158.01 16.67 -28.69	162.55 17.41 -29.04	167.61 16.46 -38.38	201.87 17.73 -68.22	215.78 19.61 -72.85	199.23 17.39 -66.64	175.43 17.48 -39.01	163.05 16.00 -34.41	157.77 16.36 -30.10	155.58 15.24 -28.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	142.48 1.97 0.00	130.23 -1.57 -0.61	119.54 -0.23 -2.78	136.02 3.06 0.00	137.68 1.63 0.00	145.58 2.15 0.00	169.11 0.00 0.00	188.81 -3.07 0.00	178.94 -2.91 0.00	158.44 -2.41 0.00	150.09 -2.29 0.00	142.91 -3.66 0.00	115.03 -5.14 -5.14	114.73 -5.66 -4.61	108.43 -6.31 -2.10	114.72 -6.27 -4.89	109.32 -6.54 -3.09	113.81 -6.84 -4.74	129.42 -6.04 -12.14	115.23 -6.57 -6.61	114.95 -7.14 -3.14	108.55 -6.87 -2.78	106.86 -6.68 -2.24	111.47 -6.16 -5.55

MORRIS_RIDGE___SOLAR 323848	139.11 -1.41 0.00	128.60 -3.27 -0.67	118.10 -1.99 -3.09	132.43 -0.53 0.00	134.14 -1.90 0.00	143.15 -0.29 0.00	166.23 -2.88 0.00	184.39 -7.49 0.00	174.39 -7.46 0.00	154.91 -5.95 0.00	145.52 -6.85 0.00	138.81 -7.77 0.00	114.00 -7.28 -5.72	113.63 -7.29 -5.13	106.38 -7.77 -1.51	113.96 -7.43 -5.30	107.54 -7.45 -2.21	111.99 -7.30 -3.38	130.06 -6.78 -13.52	114.08 -7.25 -6.14	113.10 -8.09 -2.25	107.43 -7.21 -2.00	105.79 -7.13 -1.61	111.09 -7.18 -6.18
MORTIMER_115KV_TB3 55949	136.30 -4.22 0.00	129.15 -2.49 -0.45	117.42 -1.64 -2.06	129.77 -3.19 0.00	131.70 -4.35 0.00	139.13 -4.30 0.00	162.85 -6.26 0.00	181.90 -9.98 0.00	172.94 -8.91 0.00	152.81 -8.04 0.00	145.06 -7.31 0.00	138.52 -8.06 0.00	114.86 -4.51 -3.82	114.81 -4.40 -3.42	109.73 -5.18 -2.27	115.21 -4.64 -3.76	110.37 -5.75 -3.35	116.07 -4.98 -5.15	127.90 -4.44 -9.02	116.42 -4.72 -5.95	116.28 -6.07 -3.41	110.36 -5.29 -3.01	108.94 -4.79 -2.42	111.61 -4.60 -4.12
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	150.49 9.98 0.00	144.00 9.71 -3.10	139.97 8.77 -14.20	142.40 9.44 0.00	145.44 9.39 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	173.56 12.71 0.00	164.42 12.04 0.00	158.74 12.17 0.00	151.72 10.05 -26.12	149.45 10.19 -23.48	148.22 9.69 -25.90	153.62 9.87 -27.66	160.64 9.47 -38.40	184.80 9.85 -59.03	196.00 10.85 -61.82	181.09 9.79 -56.10	167.95 9.99 -39.02	156.42 9.35 -34.43	148.54 9.57 -27.67	148.98 8.63 -28.27
MUNSVILLE_WIND_PWR 323609	156.67 16.15 0.00	145.97 13.77 -1.00	134.33 12.75 -4.57	147.98 15.02 0.00	151.01 14.97 0.00	160.64 17.20 0.00	190.42 21.31 0.00	215.67 23.79 0.00	203.67 21.81 0.00	179.51 18.65 0.00	168.22 15.85 0.00	161.38 14.80 0.00	134.78 10.75 -8.48	133.67 10.30 -7.58	134.90 9.91 -12.34	136.43 10.67 -9.65	141.69 10.60 -18.32	156.16 12.05 -28.19	157.10 13.81 -19.97	151.05 11.87 -23.99	148.74 11.18 -18.62	139.08 10.02 -16.42	133.72 9.23 -13.19	129.72 8.51 -9.13
N SALMON___HYD 24042	139.11 -1.41 0.00	129.63 -1.57 0.00	115.36 -1.64 0.00	132.16 -0.79 0.00	136.05 0.00 0.00	144.01 0.58 0.00	173.00 3.89 0.00	195.34 3.46 0.00	186.21 4.36 0.00	162.63 1.77 0.00	154.51 2.13 0.00	148.34 1.77 0.00	115.78 0.23 0.00	115.90 0.12 0.00	113.32 0.68 0.00	116.21 0.12 0.00	113.22 0.45 0.00	115.45 -0.46 0.00	121.72 -1.61 0.00	113.82 -1.38 0.00	117.87 -1.07 0.00	111.52 -1.13 0.00	110.19 -1.11 0.00	111.52 -0.56 0.00
N.AKRON__115KV_KNAPP 355671	135.18 -5.34 0.00	126.99 -4.72 -0.52	116.21 -3.16 -2.37	128.97 -3.99 0.00	130.61 -5.44 0.00	137.98 -5.45 0.00	160.31 -8.79 0.00	177.68 -14.20 0.00	168.94 -12.91 0.00	149.11 -11.74 0.00	141.56 -10.82 0.00	134.71 -11.87 0.00	111.28 -8.67 -4.39	111.27 -8.45 -3.94	105.73 -9.12 -2.21	111.41 -8.94 -4.25	106.91 -9.13 -3.28	112.26 -8.69 -5.04	124.69 -9.00 -10.37	112.47 -8.99 -6.26	112.40 -9.87 -3.33	107.47 -8.11 -2.93	106.32 -7.35 -2.36	108.97 -7.85 -4.74
N.BELMOR_69_KV_BK1 55787	152.32 11.80 0.00	145.97 11.68 -3.09	143.25 10.76 -15.49	144.39 11.43 0.00	147.21 11.16 0.00	154.91 11.47 0.00	181.11 12.01 0.00	205.12 13.24 0.00	196.04 14.18 0.00	175.82 14.96 0.00	166.55 14.17 0.00	161.09 14.51 0.00	154.32 11.90 -26.87	152.71 12.04 -24.88	152.82 11.49 -28.69	156.98 11.84 -29.04	162.54 11.39 -38.38	196.07 11.94 -68.22	209.49 13.32 -72.85	193.81 11.98 -66.64	170.08 12.13 -39.01	158.09 11.04 -34.41	151.58 11.46 -28.81	150.54 10.20 -28.26
N.E_GEN_SANDY PD 24062	148.10 7.58 0.00	142.30 7.61 -3.50	140.05 7.02 -16.03	140.80 7.84 0.00	143.80 7.75 0.00	151.03 7.60 0.00	176.72 7.62 0.00	201.09 9.21 0.00	190.58 8.73 0.00	169.54 8.68 0.00	160.60 8.22 0.00	154.93 8.35 0.00	151.97 6.93 -29.48	149.36 7.06 -26.51	148.64 6.76 -29.24	153.30 7.20 -30.00	164.46 7.11 -44.59	189.87 7.31 -66.66	201.14 8.01 -69.80	185.92 7.38 -63.35	170.50 7.50 -44.06	158.50 6.99 -38.87	149.45 6.90 -31.24	150.39 6.39 -31.92
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	148.95 8.43 0.00	142.32 8.13 -2.99	138.18 7.49 -13.69	140.93 7.98 0.00	143.94 7.89 0.00	151.61 8.18 0.00	177.22 8.12 0.00	201.67 9.79 0.00	192.04 10.18 0.00	171.63 10.78 0.00	162.43 10.06 0.00	156.84 10.26 0.00	149.30 8.55 -25.19	147.12 8.68 -22.64	145.84 8.22 -24.98	151.25 8.48 -26.68	158.04 8.23 -37.04	181.43 8.58 -56.94	192.57 9.62 -59.63	177.95 8.64 -54.11	165.26 8.68 -37.64	153.96 8.11 -33.21	146.11 8.13 -26.68	146.52 7.17 -27.27
N.QUEENS_27_KV_LOAD 356247	151.35 10.82 -0.01	145.19 10.89 -3.10	141.03 9.83 -14.20	143.87 10.90 -0.01	146.94 10.88 -0.01	154.77 11.33 -0.01	178.24 9.13 0.00	203.39 11.51 0.00	194.22 12.37 0.00	174.68 13.83 0.01	165.17 12.80 0.01	160.07 13.49 -0.01	152.66 10.98 -26.13	150.39 11.12 -23.49	149.14 10.59 -25.91	154.68 10.91 -27.67	161.54 10.37 -38.40	185.02 10.08 -59.03	196.36 11.22 -61.82	181.31 10.02 -56.10	168.43 10.47 -39.02	157.09 10.03 -34.42	149.55 10.57 -27.67	149.55 9.19 -28.28
N.TROY___115KV_TB1 355778	148.39 7.87 0.00	142.64 7.61 -3.83	141.47 6.90 -17.57	140.93 7.98 0.00	143.94 7.89 0.00	151.47 8.03 0.00	177.56 8.46 0.00	202.05 10.17 0.00	191.13 9.27 0.00	169.86 9.01 0.00	160.76 8.38 0.00	154.79 8.21 0.00	154.65 6.82 -32.28	151.54 6.72 -29.04	151.21 6.53 -32.03	157.28 6.97 -34.21	167.14 6.88 -47.49	196.00 7.07 -73.02	207.56 7.77 -76.47	191.73 7.14 -69.39	174.46 7.26 -48.27	161.98 6.76 -42.58	152.09 6.57 -34.22	153.21 6.16 -34.97
NARROWS_GT1_1 24228	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT1_2 24229	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT1_3 24230	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT1_4 24231	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02

NARROWS_GT1_5 24232	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT1_6 24233	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT1_7 24234	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT1_8 24235	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_1 24236	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_2 24237	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_3 24238	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_4 24239	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_5 24240	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_6 24241	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_7 24242	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NARROWS_GT2_8 24243	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	151.06 10.54 0.00	142.15 7.35 -3.61	140.34 6.79 -16.56	142.80 9.84 0.00	145.84 9.80 0.00	153.33 9.90 0.00	179.76 10.65 0.00	203.39 11.51 0.00	192.04 10.18 0.00	169.86 9.01 0.00	160.76 8.38 0.00	154.35 7.77 0.00	151.16 5.20 -30.41	148.34 5.21 -27.35	147.99 5.18 -30.16	153.42 5.11 -32.22	162.57 5.07 -44.73	190.24 5.56 -68.76	201.38 6.04 -72.01	185.73 5.18 -65.35	169.75 5.35 -45.45	157.70 4.96 -40.10	148.32 4.79 -32.23	150.62 5.60 -32.93
NCHELSEA_115KV_TR2 355582	150.35 9.84 0.00	143.74 9.45 -3.10	139.86 8.66 -14.20	142.53 9.57 0.00	145.44 9.39 0.00	153.19 9.75 0.00	179.42 10.32 0.00	203.97 12.09 0.00	193.86 12.00 0.00	173.08 12.23 0.00	163.65 11.28 0.00	157.87 11.29 0.00	151.04 9.36 -26.12	148.76 9.49 -23.48	147.56 9.01 -25.90	153.05 9.29 -27.67	160.42 9.25 -38.41	184.69 9.74 -59.05	195.89 10.73 -61.84	180.87 9.56 -56.11	167.72 9.75 -39.03	156.20 9.12 -34.43	147.99 9.02 -27.67	148.54 8.18 -28.28
NEG CAPITAL___MECHNVIL 23645	150.77 10.25 0.00	144.92 9.84 -3.88	143.55 8.78 -17.77	143.33 10.38 0.00	146.38 10.33 0.00	154.20 10.76 0.00	181.29 12.18 0.00	205.70 13.82 0.00	194.77 12.91 0.00	172.59 11.74 0.00	163.65 11.28 0.00	157.27 10.69 0.00	156.91 8.67 -32.69	153.76 8.57 -29.41	153.30 8.22 -32.44	159.56 8.82 -34.65	169.77 8.91 -48.10	199.13 9.28 -73.94	210.87 10.11 -77.44	194.68 9.22 -70.27	177.10 9.28 -48.88	164.32 8.56 -43.12	154.19 8.24 -34.65	155.34 7.84 -35.41

NEG CENTRAL_HIGH_ACRES 23767	134.75 -5.77 0.00	127.43 -4.20 -0.44	115.84 -3.15 -2.00	128.18 -4.78 0.00	129.93 -6.12 0.00	138.41 -5.02 0.00	161.84 -7.27 0.00	181.14 -10.74 0.00	172.03 -9.82 0.00	152.98 -7.88 0.00	144.45 -7.93 0.00	138.07 -8.51 0.00	114.19 -5.08 -3.72	114.15 -4.98 -3.33	109.48 -5.74 -2.58	114.49 -5.34 -3.73	110.27 -6.31 -3.82	116.09 -5.68 -5.86	126.93 -5.17 -8.78	116.13 -5.41 -6.34	116.28 -6.54 -3.88	110.20 -5.86 -3.42	108.49 -5.56 -2.75	110.60 -5.49 -4.02
NEG CENTRAL___DRP 24199	139.67 -0.84 0.00	130.49 -1.18 -0.47	118.56 -0.58 -2.15	132.43 -0.53 0.00	134.96 -1.09 0.00	142.72 -0.72 0.00	167.75 -1.35 0.00	189.58 -2.30 0.00	179.49 -2.36 0.00	158.60 -2.25 0.00	150.24 -2.13 0.00	143.79 -2.79 0.00	117.62 -1.96 -4.04	117.44 -1.97 -3.62	112.66 -2.25 -2.27	118.19 -1.86 -3.95	113.99 -2.14 -3.36	119.45 -1.62 -5.16	131.87 -0.99 -9.53	119.93 -1.38 -6.11	120.22 -2.14 -3.42	113.63 -2.03 -3.02	111.40 -2.34 -2.43	113.97 -2.47 -4.36
NEG CENTRAL___INDECK 23768	143.33 2.81 0.00	134.28 2.49 -0.60	122.77 3.04 -2.73	136.41 3.45 0.00	138.09 2.04 0.00	147.73 4.30 0.00	173.00 3.89 0.00	186.71 -5.17 0.00	176.95 -4.90 0.00	156.67 -4.18 0.00	147.04 -5.34 0.00	139.99 -6.59 0.00	116.46 -4.16 -5.06	116.17 -4.16 -4.54	109.03 -4.84 -1.23	119.96 -0.81 -4.67	113.33 -1.24 -1.80	118.55 -0.12 -2.75	136.27 0.98 -11.96	120.47 0.00 -5.28	119.58 -1.19 -1.83	113.36 -0.91 -1.63	111.72 -0.89 -1.31	116.32 -1.23 -5.47
NEG CENTRAL___SENECA 23627	139.81 -0.70 0.00	130.40 -1.31 -0.51	118.88 -0.47 -2.35	132.69 -0.27 0.00	135.10 -0.95 0.00	143.00 -0.43 0.00	168.09 -1.01 0.00	189.39 -2.49 0.00	179.31 -2.55 0.00	158.28 -2.57 0.00	149.94 -2.44 0.00	143.35 -3.22 0.00	117.39 -2.54 -4.38	117.17 -2.55 -3.93	110.91 -2.82 -1.09	117.82 -2.32 -4.04	111.66 -2.71 -1.60	116.14 -2.20 -2.43	132.31 -1.36 -10.34	117.95 -1.84 -4.60	117.83 -2.74 -1.62	111.49 -2.59 -1.44	109.57 -2.89 -1.16	113.78 -3.03 -4.73
NEG CENTRAL___STATE_STREET 24147	140.52 0.00 0.00	131.52 -0.13 -0.46	119.33 0.23 -2.10	133.09 0.13 0.00	135.64 -0.41 0.00	143.43 0.00 0.00	168.77 -0.34 0.00	191.30 -0.58 0.00	181.31 -0.55 0.00	160.21 -0.64 0.00	151.77 -0.61 0.00	145.41 -1.17 0.00	118.94 -0.58 -3.96	118.88 -0.46 -3.55	116.70 -0.79 -4.84	120.10 -0.35 -4.35	119.39 -0.56 -7.19	126.85 -0.12 -11.06	133.17 0.49 -9.36	125.05 0.00 -9.86	125.77 -0.48 -7.31	118.52 -0.56 -6.44	115.70 -0.78 -5.18	115.24 -1.12 -4.28
NEG MILLWOOD___DRP 24198	151.20 10.68 0.00	144.69 10.36 -3.13	140.69 9.36 -14.34	143.33 10.37 0.00	146.25 10.20 0.00	154.33 10.90 0.00	180.78 11.67 0.00	205.31 13.43 0.00	195.31 13.46 0.00	174.69 13.83 0.00	165.18 12.80 0.00	159.18 12.61 0.00	152.32 10.40 -26.37	150.03 10.54 -23.70	148.81 10.03 -26.15	154.47 10.45 -27.93	161.80 10.26 -38.77	186.18 10.66 -59.61	197.58 11.84 -62.42	182.32 10.48 -56.65	169.28 10.94 -39.40	157.43 10.03 -34.76	149.14 9.91 -27.93	149.59 8.97 -28.55
NEG NORTH_FLCN_SEA 23793	138.55 -1.97 0.00	129.10 -2.10 0.00	114.89 -2.11 0.00	131.23 -1.73 0.00	135.23 -0.82 0.00	143.29 -0.14 0.00	171.64 2.54 0.00	192.46 0.58 0.00	184.94 3.09 0.00	162.14 1.29 0.00	153.75 1.37 0.00	147.75 1.17 0.00	115.67 0.12 0.00	115.67 -0.12 0.00	112.64 0.00 0.00	115.63 -0.46 0.00	112.54 -0.23 0.00	114.98 -0.93 0.00	121.23 -2.10 0.00	113.01 -2.19 0.00	116.80 -2.14 0.00	110.39 -2.25 0.00	109.19 -2.11 0.00	110.51 -1.57 0.00
NEG NORTH_KES_CHATEGAY 23792	137.43 -3.09 0.00	128.05 -3.15 0.00	113.96 -3.04 0.00	130.17 -2.79 0.00	134.14 -1.90 0.00	142.00 -1.43 0.00	170.29 1.18 0.00	192.26 0.38 0.00	183.49 1.64 0.00	160.86 0.00 0.00	152.53 0.15 0.00	146.58 0.00 0.00	114.63 -0.92 0.00	114.63 -1.16 0.00	111.85 -0.79 0.00	114.82 -1.28 0.00	111.75 -1.01 0.00	114.17 -1.74 0.00	120.24 -3.08 0.00	112.31 -2.88 0.00	116.09 -2.85 0.00	109.71 -2.93 0.00	108.52 -2.78 0.00	109.95 -2.13 0.00
NEG NORTH___ALICE_FALLS 23915	139.39 -1.12 0.00	129.89 -1.31 0.00	115.59 -1.40 0.00	132.16 -0.80 0.00	136.05 0.00 0.00	144.29 0.86 0.00	173.00 3.89 0.00	194.57 2.69 0.00	186.22 4.36 0.00	163.11 2.25 0.00	154.82 2.44 0.00	148.63 2.05 0.00	116.36 0.81 0.00	116.37 0.58 0.00	113.32 0.68 0.00	116.45 0.35 0.00	113.33 0.56 0.00	115.80 -0.12 0.00	122.21 -1.11 0.00	113.81 -1.38 0.00	117.51 -1.43 0.00	111.07 -1.58 0.00	109.86 -1.45 0.00	111.18 -0.90 0.00
NEG NORTH___LWR_SARANAC 23913	139.39 -1.12 0.00	129.89 -1.31 0.00	115.59 -1.40 0.00	132.16 -0.80 0.00	136.05 0.00 0.00	144.29 0.86 0.00	173.00 3.89 0.00	194.57 2.69 0.00	186.22 4.36 0.00	163.11 2.25 0.00	154.82 2.44 0.00	148.63 2.05 0.00	116.36 0.81 0.00	116.37 0.58 0.00	113.32 0.68 0.00	116.45 0.35 0.00	113.33 0.56 0.00	115.80 -0.12 0.00	122.21 -1.11 0.00	113.81 -1.38 0.00	117.51 -1.43 0.00	111.07 -1.58 0.00	109.86 -1.45 0.00	111.18 -0.90 0.00
NEG NORTH___PLATTSBURG 23628	139.39 -1.13 0.00	129.89 -1.31 0.00	115.60 -1.40 0.00	132.16 -0.79 0.00	136.05 0.00 0.00	144.30 0.87 0.00	173.00 3.89 0.00	194.57 2.68 0.00	186.21 4.36 0.00	163.11 2.25 0.00	154.81 2.43 0.00	148.63 2.05 0.00	116.25 0.70 0.00	116.25 0.47 0.00	113.32 0.68 0.00	116.45 0.35 0.00	113.33 0.57 0.00	115.80 -0.12 0.00	122.21 -1.11 0.00	113.82 -1.38 0.00	117.52 -1.42 0.00	111.06 -1.58 0.00	109.85 -1.45 0.00	111.18 -0.90 0.00
NEG WEST_LEA_LOCKPORT 23791	131.95 -8.57 0.00	123.73 -8.00 -0.53	113.47 -5.97 -2.43	125.91 -7.05 0.00	127.48 -8.57 0.00	134.54 -8.89 0.00	155.58 -13.53 0.00	171.92 -19.96 0.00	163.30 -18.55 0.00	144.29 -16.57 0.00	136.99 -15.39 0.00	130.45 -16.12 0.00	107.81 -12.25 -4.51	107.90 -11.93 -4.04	102.33 -12.50 -2.20	108.03 -12.42 -4.35	103.31 -12.63 -3.18	108.07 -12.63 -4.79	120.90 -13.07 -10.65	108.61 -12.90 -6.32	108.49 -13.68 -3.23	103.95 -11.60 -2.91	102.96 -10.69 -2.34	105.96 -10.98 -4.87
NEG WEST___LANCASTER 23811	140.24 -0.28 0.00	122.88 -8.92 -0.61	112.87 -6.90 -2.78	133.62 0.66 0.00	135.51 -0.54 0.00	143.00 -0.43 0.00	165.89 -3.21 0.00	184.59 -7.29 0.00	175.12 -6.73 0.00	155.07 -5.79 0.00	146.89 -5.49 0.00	140.13 -6.45 0.00	108.56 -12.13 -5.14	108.47 -11.93 -4.61	102.80 -12.05 -2.21	108.59 -12.42 -4.91	104.87 -11.16 -3.26	108.97 -11.94 -5.00	123.01 -12.46 -12.15	109.53 -12.44 -6.78	110.48 -11.78 -3.31	104.09 -11.49 -2.93	102.31 -11.35 -2.36	105.98 -11.66 -5.55
NEG_PENN_ALLEGHNY 23528	142.21 1.69 0.00	132.89 0.66 -1.04	122.80 1.05 -4.75	134.95 2.00 0.00	137.55 1.50 0.00	145.44 2.01 0.00	170.63 1.52 0.00	192.46 0.58 0.00	182.40 0.55 0.00	161.83 0.97 0.00	152.99 0.61 0.00	146.73 0.15 0.00	123.99 -0.35 -8.78	123.43 -0.23 -7.87	119.50 -0.56 -7.41	124.80 -0.35 -9.05	123.30 -0.45 -10.99	132.68 -0.12 -16.88	144.43 0.37 -20.74	132.14 0.00 -16.94	129.75 -0.36 -11.17	122.16 -0.34 -9.85	118.67 -0.55 -7.92	120.78 -0.78 -9.48
NEG___GEN_MONROE 24207	137.00 -3.51 0.00	129.68 -1.97 -0.45	117.90 -1.17 -2.07	130.43 -2.53 0.00	132.24 -3.81 0.00	139.85 -3.59 0.00	163.02 -6.09 0.00	181.52 -10.36 0.00	172.76 -9.09 0.00	152.49 -8.36 0.00	144.45 -7.92 0.00	137.64 -8.94 0.00	113.97 -5.43 -3.85	114.03 -5.21 -3.45	108.93 -5.97 -2.26	114.43 -5.46 -3.79	109.69 -6.43 -3.35	115.26 -5.80 -5.14	127.23 -5.18 -9.09	115.63 -5.53 -5.97	115.44 -6.90 -3.40	109.68 -5.97 -3.00	108.27 -5.45 -2.42	111.19 -5.04 -4.16

NEPA__ENERGY 23901	138.41 -2.11 0.00	126.82 -4.99 -0.61	116.41 -3.39 -2.80	131.89 -1.06 0.00	133.74 -2.31 0.00	141.28 -2.15 0.00	164.03 -5.07 0.00	182.86 -9.02 0.00	173.49 -8.37 0.00	153.46 -7.40 0.00	145.37 -7.01 0.00	138.66 -7.92 0.00	112.28 -8.44 -5.17	112.09 -8.34 -4.63	106.09 -8.79 -2.24	112.21 -8.82 -4.94	107.27 -8.80 -3.30	112.16 -8.81 -5.06	127.27 -8.26 -12.20	113.39 -8.64 -6.83	113.02 -9.28 -3.35	107.05 -8.56 -2.97	105.35 -8.35 -2.39	109.70 -7.96 -5.58
NEVERSINK__HYD 23608	150.08 9.56 0.00	142.93 8.93 -2.81	138.20 8.31 -12.89	142.00 9.05 0.00	145.17 9.12 0.00	152.62 9.19 0.00	179.25 10.15 0.00	203.78 11.90 0.00	193.50 11.65 0.00	172.11 11.26 0.00	162.74 10.37 0.00	156.84 10.26 0.00	147.70 8.43 -23.71	145.67 8.57 -21.31	144.27 8.11 -23.51	149.80 8.59 -25.11	156.20 8.57 -34.86	178.79 9.28 -53.60	189.68 10.23 -56.13	175.23 9.10 -50.94	163.65 9.28 -35.43	152.46 8.56 -31.26	144.88 8.46 -25.12	145.37 7.63 -25.67
NEWKRMKL_115KV_TB1 55635	146.98 6.46 0.00	140.38 5.38 -3.80	139.24 4.80 -17.44	138.81 5.85 0.00	141.63 5.58 0.00	148.88 5.45 0.00	174.35 5.24 0.00	197.83 5.95 0.00	187.67 5.82 0.00	166.81 5.95 0.00	158.32 5.94 0.00	152.59 6.01 0.00	152.55 4.97 -32.03	149.58 4.98 -28.81	149.26 4.84 -31.78	154.34 4.30 -33.94	163.50 3.61 -47.12	191.95 3.59 -72.44	203.01 3.82 -75.86	187.50 3.46 -68.84	170.40 3.57 -47.89	158.38 3.49 -42.25	148.93 3.67 -33.95	150.81 4.03 -34.70
NEWTON__FALLS_HYD 23847	140.66 0.14 0.00	130.90 -0.39 -0.10	116.97 -0.47 -0.44	133.49 0.53 0.00	137.00 0.95 0.00	144.01 0.57 0.00	172.15 3.04 0.00	196.10 4.22 0.00	186.22 4.36 0.00	162.63 1.77 0.00	154.36 1.98 0.00	148.63 2.05 0.00	117.32 1.04 -0.73	117.72 1.27 -0.65	115.73 2.37 -0.72	118.73 1.86 -0.77	116.09 2.26 -1.07	118.95 1.39 -1.65	125.91 0.86 -1.72	118.14 1.38 -1.56	122.05 2.02 -1.09	115.74 2.14 -0.96	114.08 2.00 -0.77	114.88 2.02 -0.79
NGRID_A1_DSASP 323792	132.51 -8.00 0.00	124.91 -6.83 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.21 -8.84 0.00	135.97 -7.46 0.00	154.90 -14.20 0.00	170.00 -21.88 0.00	161.49 -20.36 0.00	144.77 -16.08 0.00	135.62 -16.76 0.00	129.28 -17.30 0.00	107.53 -12.59 -4.57	107.50 -12.39 -4.10	101.79 -13.06 -2.21	107.51 -13.00 -4.41	101.93 -14.10 -3.26	106.88 -14.03 -5.00	120.18 -13.94 -10.79	107.86 -13.71 -6.38	107.15 -15.11 -3.31	102.51 -13.06 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
NGRID_A2_DSASP 323793	132.51 -8.00 0.00	124.91 -6.83 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.21 -8.84 0.00	135.97 -7.46 0.00	154.90 -14.20 0.00	170.00 -21.88 0.00	161.49 -20.36 0.00	144.77 -16.08 0.00	135.62 -16.76 0.00	129.28 -17.30 0.00	107.53 -12.59 -4.57	107.50 -12.39 -4.10	101.79 -13.06 -2.21	107.51 -13.00 -4.41	101.93 -14.10 -3.26	106.88 -14.03 -5.00	120.18 -13.94 -10.79	107.86 -13.71 -6.38	107.15 -15.11 -3.31	102.51 -13.06 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
NGRID_A4_DSASP 323807	132.51 -8.00 0.00	124.91 -6.83 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.21 -8.84 0.00	135.97 -7.46 0.00	154.90 -14.20 0.00	170.00 -21.88 0.00	161.49 -20.36 0.00	144.77 -16.08 0.00	135.62 -16.76 0.00	129.28 -17.30 0.00	107.53 -12.59 -4.57	107.50 -12.39 -4.10	101.79 -13.06 -2.21	107.51 -13.00 -4.41	101.93 -14.10 -3.26	106.88 -14.03 -5.00	120.18 -13.94 -10.79	107.86 -13.71 -6.38	107.15 -15.11 -3.31	102.51 -13.06 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
NIAGARA_115E_LBMP 323715	130.68 -9.84 0.00	122.81 -8.93 -0.54	112.57 -6.90 -2.47	124.71 -8.24 0.00	125.98 -10.07 0.00	134.68 -8.75 0.00	154.73 -14.37 0.00	170.00 -21.88 0.00	161.49 -20.36 0.00	144.62 -16.24 0.00	135.46 -16.92 0.00	129.13 -17.45 0.00	106.95 -13.18 -4.58	106.93 -12.97 -4.10	101.32 -13.52 -2.20	106.93 -13.58 -4.41	102.94 -13.08 -3.26	107.81 -13.10 -5.00	119.70 -14.43 -10.81	107.40 -14.17 -6.37	107.85 -14.40 -3.31	103.96 -11.60 -2.92	102.97 -10.69 -2.35	105.25 -11.77 -4.94
NIAGARA_115W_LBMP 323714	132.36 -8.15 0.00	124.78 -6.96 -0.54	114.32 -5.15 -2.47	126.04 -6.92 0.00	127.07 -8.98 0.00	135.83 -7.61 0.00	154.73 -14.37 0.00	169.82 -22.06 0.00	161.30 -20.55 0.00	144.45 -16.41 0.00	135.46 -16.92 0.00	129.13 -17.45 0.00	107.29 -12.83 -4.56	107.37 -12.51 -4.09	101.67 -13.18 -2.21	107.26 -13.24 -4.40	101.71 -14.32 -3.26	106.77 -14.15 -5.00	120.04 -14.06 -10.78	107.63 -13.94 -6.38	107.03 -15.23 -3.32	102.28 -13.29 -2.93	101.42 -12.24 -2.36	105.91 -11.10 -4.93
NIAGARA_230_LBMP 323716	132.36 -8.15 0.00	124.51 -7.22 -0.53	114.05 -5.38 -2.44	126.31 -6.64 0.00	127.48 -8.57 0.00	136.27 -7.17 0.00	156.60 -12.51 0.00	172.12 -19.76 0.00	163.49 -18.36 0.00	146.38 -14.48 0.00	137.29 -15.09 0.00	130.90 -15.68 0.00	108.51 -11.55 -4.51	108.60 -11.23 -4.05	102.81 -12.05 -2.22	108.62 -11.84 -4.36	103.08 -12.96 -3.28	108.18 -12.75 -5.02	121.40 -12.58 -10.66	109.00 -12.55 -6.36	108.35 -13.92 -3.33	103.65 -11.94 -2.95	102.65 -11.02 -2.37	106.64 -10.31 -4.87
NIAGARA__115KV_198_GIBSON 55903	132.37 -8.15 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.04 -6.91 0.00	127.75 -8.30 0.00	134.40 -9.04 0.00	153.89 -15.22 0.00	169.81 -22.07 0.00	161.30 -20.55 0.00	142.52 -18.34 0.00	135.46 -16.91 0.00	128.99 -17.59 0.00	107.17 -12.94 -4.56	107.26 -12.62 -4.09	101.67 -13.18 -2.21	107.27 -13.24 -4.40	101.71 -14.32 -3.26	106.66 -14.26 -5.00	120.04 -14.06 -10.78	107.86 -13.71 -6.38	106.91 -15.34 -3.32	102.28 -13.29 -2.93	101.31 -12.35 -2.36	105.91 -11.10 -4.93
NIAGARA____ 23760	132.36 -8.15 0.00	124.52 -7.22 -0.54	114.09 -5.38 -2.47	126.31 -6.64 0.00	127.48 -8.57 0.00	136.27 -7.17 0.00	156.60 -12.51 0.00	172.12 -19.76 0.00	163.49 -18.36 0.00	146.38 -14.48 0.00	137.29 -15.09 0.00	130.90 -15.68 0.00	108.55 -11.55 -4.55	108.64 -11.23 -4.08	102.80 -12.05 -2.21	108.65 -11.84 -4.39	103.07 -12.96 -3.27	108.17 -12.75 -5.01	121.47 -12.58 -10.73	109.01 -12.55 -6.37	108.35 -13.92 -3.32	103.64 -11.94 -2.94	102.65 -11.02 -2.37	106.71 -10.31 -4.94
NINE_MILE_1 23575	135.46 -5.05 0.00	126.99 -4.46 -0.25	114.29 -3.86 -1.15	128.30 -4.66 0.00	131.02 -5.03 0.00	138.41 -5.02 0.00	162.68 -6.43 0.00	183.83 -8.05 0.00	174.39 -7.46 0.00	154.58 -6.28 0.00	146.28 -6.10 0.00	140.43 -6.15 0.00	113.29 -4.39 -2.12	113.41 -4.28 -1.91	110.24 -4.51 -2.10	113.93 -4.41 -2.25	111.37 -4.51 -3.12	116.30 -4.40 -4.79	124.02 -4.32 -5.02	115.49 -4.26 -4.55	117.35 -4.76 -3.17	111.04 -4.39 -2.79	109.21 -4.34 -2.25	109.89 -4.49 -2.30
NINE_MILE_2 23744	135.46 -5.05 0.00	126.99 -4.46 -0.25	114.28 -3.86 -1.14	128.30 -4.66 0.00	131.02 -5.03 0.00	138.41 -5.02 0.00	162.68 -6.43 0.00	184.00 -7.88 0.00	174.39 -7.46 0.00	154.58 -6.28 0.00	146.28 -6.10 0.00	140.56 -6.02 0.00	113.28 -4.39 -2.12	113.41 -4.28 -1.90	110.34 -4.39 -2.10	113.93 -4.41 -2.24	111.36 -4.51 -3.11	116.29 -4.40 -4.78	124.01 -4.32 -5.01	115.48 -4.26 -4.54	117.34 -4.76 -3.16	111.03 -4.39 -2.79	109.20 -4.34 -2.24	109.88 -4.49 -2.29
NM_CAPITAL__DRP 24208	146.98 6.46 0.00	140.63 5.64 -3.79	139.54 5.15 -17.39	138.94 5.98 0.00	141.76 5.71 0.00	149.17 5.74 0.00	174.52 5.41 0.00	198.40 6.52 0.00	188.04 6.18 0.00	167.29 6.43 0.00	158.78 6.40 0.00	152.88 6.30 0.00	152.84 5.32 -31.97	149.86 5.33 -28.75	149.54 5.18 -31.71	154.73 4.76 -33.87	163.96 4.17 -47.02	192.38 4.17 -72.30	203.47 4.44 -75.71	187.93 4.03 -68.71	170.77 4.04 -47.79	158.86 4.06 -42.16	149.30 4.12 -33.88	151.07 4.37 -34.63

NM_CENTRAL___DRP 24181	138.55 -1.97 0.00	129.83 -1.71 -0.34	117.28 -1.29 -1.57	131.23 -1.73 0.00	133.87 -2.18 0.00	141.28 -2.15 0.00	166.23 -2.87 0.00	188.04 -3.84 0.00	178.40 -3.46 0.00	157.80 -3.06 0.00	149.63 -2.74 0.00	143.65 -2.93 0.00	116.55 -1.85 -2.85	116.60 -1.74 -2.55	113.54 -1.91 -2.82	117.36 -1.74 -3.01	115.02 -1.92 -4.17	120.59 -1.74 -6.42	128.69 -1.36 -6.72	119.68 -1.61 -6.10	121.04 -2.14 -4.24	114.36 -2.03 -3.74	112.20 -2.11 -3.01	112.80 -2.35 -3.07
NM_FRONTIER___DRP 24179	132.37 -8.15 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.04 -6.91 0.00	127.75 -8.30 0.00	134.40 -9.04 0.00	153.89 -15.22 0.00	169.81 -22.07 0.00	161.30 -20.55 0.00	142.52 -18.34 0.00	135.46 -16.91 0.00	128.99 -17.59 0.00	107.17 -12.94 -4.56	107.26 -12.62 -4.09	101.67 -13.18 -2.21	107.27 -13.24 -4.40	101.71 -14.32 -3.26	106.66 -14.26 -5.00	120.04 -14.06 -10.78	107.86 -13.71 -6.38	106.91 -15.34 -3.32	102.28 -13.29 -2.93	101.31 -12.35 -2.36	105.91 -11.10 -4.93
NM_ST_REGIS___HYD 24053	136.72 -3.79 0.00	127.26 -3.94 0.00	113.25 -3.74 0.00	130.43 -2.53 0.00	134.42 -1.63 0.00	141.43 -2.01 0.00	169.95 0.85 0.00	191.69 -0.19 0.00	182.58 0.73 0.00	158.93 -1.93 0.00	151.16 -1.22 0.00	145.55 -1.03 0.00	113.70 -1.85 0.00	113.94 -1.85 0.00	112.19 -0.45 0.00	114.59 -1.51 0.00	111.75 -1.01 0.00	113.13 -2.78 0.00	119.01 -4.32 0.00	112.43 -2.76 0.00	117.39 -1.55 0.00	111.29 -1.35 0.00	110.08 -1.22 0.00	111.29 -0.78 0.00
NORTHPORT___1 23551	151.19 10.67 0.00	145.05 10.76 -3.09	142.55 10.06 -15.49	144.25 11.29 0.00	146.79 10.75 0.00	151.89 8.46 0.00	177.22 8.12 0.00	202.62 10.74 0.00	192.95 11.09 0.00	172.59 11.74 0.00	163.95 11.58 0.00	159.03 12.45 0.00	152.83 10.40 -26.87	151.21 10.54 -24.88	151.36 10.02 -28.69	155.59 10.45 -29.04	160.96 9.81 -38.38	194.45 10.31 -68.22	207.39 11.22 -72.85	191.97 10.14 -66.64	168.42 10.47 -39.01	156.52 9.46 -34.41	149.46 9.35 -28.81	149.31 8.97 -28.26
NORTHPORT___2 23552	151.19 10.67 0.00	145.05 10.76 -3.09	142.55 10.06 -15.49	144.25 11.29 0.00	146.79 10.75 0.00	151.89 8.46 0.00	177.22 8.12 0.00	202.62 10.74 0.00	192.95 11.09 0.00	172.59 11.74 0.00	163.95 11.58 0.00	159.03 12.45 0.00	152.83 10.40 -26.87	151.21 10.54 -24.88	151.36 10.02 -28.69	155.59 10.45 -29.04	160.96 9.81 -38.38	194.45 10.31 -68.22	207.39 11.22 -72.85	191.97 10.14 -66.64	168.42 10.47 -39.01	156.52 9.46 -34.41	149.32 9.35 -28.67	149.31 8.97 -28.26
NORTHPORT___3 23553	150.92 10.40 0.00	144.79 10.50 -3.09	142.42 9.94 -15.49	143.72 10.76 0.00	146.53 10.48 0.00	151.60 8.17 0.00	176.89 7.78 0.00	202.04 10.16 0.00	192.76 10.91 0.00	172.59 11.74 0.00	163.81 11.43 0.00	158.60 12.02 0.00	152.47 10.05 -26.87	150.97 10.30 -24.88	151.13 9.79 -28.69	155.12 9.99 -29.04	160.62 9.47 -38.38	194.10 9.97 -68.22	207.27 11.10 -72.85	191.74 9.91 -66.64	168.05 10.10 -39.01	156.17 9.12 -34.41	150.80 10.79 -28.70	149.09 8.75 -28.26
NORTHPORT___4 23650	150.92 10.40 0.00	144.79 10.50 -3.09	142.42 9.94 -15.49	143.72 10.76 0.00	146.53 10.48 0.00	151.60 8.17 0.00	176.89 7.78 0.00	202.04 10.16 0.00	192.76 10.91 0.00	172.59 11.74 0.00	163.81 11.43 0.00	158.60 12.02 0.00	152.47 10.05 -26.87	150.97 10.30 -24.88	151.13 9.79 -28.69	155.12 9.99 -29.04	160.62 9.47 -38.38	194.10 9.97 -68.22	207.27 11.10 -72.85	191.74 9.91 -66.64	168.05 10.10 -39.01	156.17 9.12 -34.41	150.80 10.79 -28.70	149.09 8.75 -28.26
NORTHPORT___IC 23718	150.21 9.70 0.00	145.05 10.76 -3.09	142.55 10.06 -15.49	143.33 10.37 0.00	145.84 9.80 0.00	153.04 9.61 0.00	178.75 9.64 0.00	202.05 10.17 0.00	192.95 11.09 0.00	173.24 12.39 0.00	163.96 11.58 0.00	159.04 12.46 0.00	152.82 10.40 -26.87	151.21 10.54 -24.88	151.36 10.03 -28.69	155.58 10.45 -29.04	160.96 9.81 -38.38	194.57 10.43 -68.22	207.64 11.47 -72.85	191.97 10.14 -66.64	168.41 10.47 -39.01	156.52 9.46 -34.41	149.32 9.35 -28.67	149.31 8.97 -28.26
NORTH___COUNTRY_ESR 323785	137.01 -3.51 0.00	127.66 -3.54 0.00	113.60 -3.40 0.00	129.77 -3.19 0.00	133.74 -2.31 0.00	141.56 -1.87 0.00	169.62 0.51 0.00	191.69 -0.19 0.00	182.95 1.10 0.00	160.38 -0.48 0.00	152.07 -0.30 0.00	146.14 -0.44 0.00	114.28 -1.27 0.00	114.28 -1.51 0.00	111.52 -1.13 0.00	114.47 -1.63 0.00	111.42 -1.35 0.00	113.71 -2.21 0.00	119.87 -3.45 0.00	111.85 -3.34 0.00	115.73 -3.21 0.00	109.37 -3.27 0.00	108.19 -3.12 0.00	109.61 -2.47 0.00
NPX_GEN_1385_PROXY 323591	150.64 10.12 0.00	145.05 10.76 -3.09	142.08 9.60 -15.49	144.52 11.56 0.00	146.94 10.89 0.00	152.18 8.75 0.00	178.23 9.13 0.00	203.39 11.51 0.00	192.40 10.54 0.00	171.47 10.61 0.00	163.36 10.98 0.00	158.45 11.87 0.00	152.36 9.94 -26.87	150.86 10.19 -24.88	151.02 9.69 -28.69	154.00 10.10 -27.81	161.73 9.35 -39.61	194.34 10.20 -68.22	205.91 9.74 -72.85	191.16 9.33 -66.64	168.66 10.71 -39.01	156.29 9.24 -34.41	148.86 8.79 -28.77	149.09 8.75 -28.26
NPX_GEN_CSC 323557	154.30 13.78 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.53 13.57 0.00	149.24 13.19 0.00	154.48 11.05 0.00	179.77 10.66 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	166.86 14.48 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.84 12.50 -28.69	156.90 13.00 -27.81	164.45 12.07 -39.61	197.00 12.86 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.77 11.71 -34.41	153.75 12.35 -30.10	151.66 11.32 -28.26
NSINS_S___GLNS_FALLS 23858	153.44 12.93 0.00	147.30 12.20 -3.90	145.66 10.76 -17.89	145.72 12.76 0.00	148.97 12.92 0.00	158.21 14.77 0.00	186.53 17.42 0.00	212.03 20.15 0.00	200.40 18.55 0.00	177.59 16.73 0.00	167.46 15.09 0.00	160.50 13.92 0.00	159.37 10.98 -32.84	155.98 10.65 -29.54	155.59 10.36 -32.59	162.05 11.15 -34.81	172.37 11.28 -48.32	202.14 11.94 -74.29	214.20 13.07 -77.80	197.43 11.63 -70.60	179.82 11.78 -49.11	166.89 10.93 -43.32	156.36 10.24 -34.82	157.75 10.09 -35.58
NUCOR_STEEL___DRP 24197	140.66 0.14 0.00	131.64 0.00 -0.44	119.38 0.35 -2.03	133.22 0.27 0.00	135.78 -0.27 0.00	143.43 0.00 0.00	168.60 -0.51 0.00	191.11 -0.77 0.00	180.94 -0.91 0.00	160.05 -0.80 0.00	151.62 -0.76 0.00	145.26 -1.32 0.00	118.81 -0.58 -3.83	118.76 -0.46 -3.44	116.71 -0.79 -4.85	119.99 -0.35 -4.24	119.29 -0.68 -7.20	126.76 -0.23 -11.08	132.87 0.49 -9.05	124.97 0.00 -9.78	125.78 -0.48 -7.32	118.64 -0.45 -6.45	115.82 -0.67 -5.18	115.32 -0.90 -4.14
NUMBER_THREE_WT_PWR 323818	145.57 5.05 0.00	135.65 4.32 -0.13	121.32 3.74 -0.58	137.61 4.65 0.00	140.81 4.76 0.00	148.59 5.16 0.00	176.72 7.62 0.00	202.43 10.55 0.00	191.67 9.81 0.00	168.42 7.56 0.00	159.07 6.70 0.00	152.88 6.30 0.00	121.27 4.74 -0.97	121.75 5.09 -0.87	119.23 5.63 -0.96	122.93 5.80 -1.03	120.28 6.09 -1.43	124.36 6.25 -2.19	132.28 6.65 -2.30	123.38 6.10 -2.08	126.45 6.06 -1.45	119.44 5.52 -1.28	117.56 5.23 -1.03	117.94 4.82 -1.05
NYISO_LBMP_REFERENCE 24008	140.52 0.00 0.00	131.20 0.00 0.00	117.00 0.00 0.00	132.96 0.00 0.00	136.05 0.00 0.00	143.43 0.00 0.00	169.11 0.00 0.00	191.88 0.00 0.00	181.85 0.00 0.00	160.86 0.00 0.00	152.38 0.00 0.00	146.58 0.00 0.00	115.55 0.00 0.00	115.79 0.00 0.00	112.64 0.00 0.00	116.10 0.00 0.00	112.77 0.00 0.00	115.91 0.00 0.00	123.32 0.00 0.00	115.19 0.00 0.00	118.94 0.00 0.00	112.64 0.00 0.00	111.30 0.00 0.00	112.08 0.00 0.00

NYPA_BRENTWD____GT 24164	153.72 13.20 0.00	147.01 12.72 -3.09	144.30 11.81 -15.49	146.25 13.29 0.00	148.98 12.93 0.00	154.33 10.90 0.00	180.09 10.99 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	167.01 14.63 0.00	161.82 15.24 0.00	155.02 12.60 -26.87	153.52 12.85 -24.88	153.62 12.28 -28.69	157.79 12.66 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	209.98 13.81 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.55 11.50 -34.41	152.07 11.68 -29.09	151.21 10.87 -28.26
NYPA_GOWANUS____GT5 24156	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NYPA_GOWANUS____GT6 24157	249.84 11.52 -97.80	228.46 10.88 -86.38	212.59 9.71 -85.89	218.90 10.50 -75.44	220.94 10.62 -74.27	229.57 10.76 -75.37	280.08 10.15 -100.83	321.11 13.05 -116.18	314.33 13.65 -118.83	286.83 14.16 -111.81	275.86 13.56 -109.93	275.98 13.77 -115.63	269.57 11.21 -142.82	267.32 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.42 10.72 -253.93	393.02 11.02 -266.09	497.61 12.09 -362.19	374.53 10.83 -248.51	374.32 11.42 -243.96	368.47 10.71 -245.12	206.33 10.69 -84.34	166.97 9.87 -45.02
NYPA_HARLEM__RVR__GT1 24160	151.20 10.67 -0.01	144.92 10.62 -3.10	140.80 9.60 -14.20	143.73 10.76 -0.01	146.80 10.75 -0.01	154.05 10.61 -0.01	177.72 8.62 0.01	203.00 11.12 0.01	193.84 12.00 0.01	173.72 12.87 0.01	164.71 12.34 0.01	159.47 12.90 0.01	152.29 10.62 -26.11	150.03 10.77 -23.47	148.67 10.14 -25.89	154.20 10.45 -27.65	161.19 10.03 -38.39	184.78 9.85 -59.02	195.99 10.86 -61.81	180.96 9.68 -56.09	168.18 10.23 -39.01	156.75 9.69 -34.42	149.10 10.13 -27.67	149.21 8.85 -28.28
NYPA_HARLEM__RVR__GT2 24161	151.20 10.67 -0.01	144.92 10.62 -3.10	140.80 9.60 -14.20	143.73 10.76 -0.01	146.80 10.75 -0.01	154.05 10.61 -0.01	177.72 8.62 0.01	203.00 11.12 0.01	193.84 12.00 0.01	173.72 12.87 0.01	164.71 12.34 0.01	159.47 12.90 0.01	152.29 10.62 -26.11	150.03 10.77 -23.47	148.67 10.14 -25.89	154.20 10.45 -27.65	161.19 10.03 -38.39	184.78 9.85 -59.02	195.99 10.86 -61.81	180.96 9.68 -56.09	168.18 10.23 -39.01	156.75 9.69 -34.42	149.10 10.13 -27.67	149.21 8.85 -28.28
NYPA_KENT____GT 24152	207.77 11.25 -56.01	192.61 10.62 -50.79	181.85 9.60 -55.26	186.54 10.38 -43.20	189.06 10.48 -42.53	197.06 10.47 -43.17	236.65 9.80 -57.74	270.88 12.47 -66.53	263.17 13.27 -68.05	242.44 13.67 -67.92	231.32 13.11 -65.84	231.84 13.34 -71.93	227.70 10.98 -101.16	225.42 11.12 -98.52	224.06 10.48 -100.94	230.66 10.80 -103.77	291.31 10.37 -168.17	304.17 10.66 -177.60	368.87 11.72 -233.83	291.96 10.48 -166.28	286.26 10.36 -156.38	281.04 10.46 -158.04	185.87 10.46 -64.10	159.89 9.64 -38.17
NYPA_POUCH1____GT 24155	249.14 10.82 -97.80	227.82 10.24 -86.38	212.02 9.13 -85.89	218.23 9.84 -75.44	220.38 10.07 -74.27	228.84 10.04 -75.37	279.40 9.46 -100.83	320.35 12.29 -116.18	313.59 12.91 -118.83	286.01 13.34 -111.81	275.25 12.94 -109.93	275.41 13.20 -115.63	269.12 10.75 -142.82	266.84 10.88 -140.17	265.59 10.36 -142.59	272.80 10.67 -146.03	376.96 10.26 -253.93	392.55 10.55 -266.09	497.24 11.72 -362.19	374.19 10.48 -248.51	373.84 10.94 -243.96	368.12 10.36 -245.12	205.99 10.35 -84.34	166.52 9.42 -45.02
NYPA_VERNON____GT2 24162	165.83 11.10 -14.22	157.03 10.62 -15.21	151.09 9.47 -24.62	154.30 10.38 -10.97	157.33 10.48 -10.80	164.86 10.47 -10.96	193.39 9.63 -14.65	221.05 12.29 -16.88	212.03 12.91 -17.27	198.39 13.51 -24.02	187.07 12.94 -21.75	188.00 13.20 -28.23	185.81 10.75 -59.51	183.53 10.88 -56.87	182.28 10.36 -59.28	188.28 10.67 -61.51	205.33 10.15 -82.41	215.46 10.44 -89.12	240.26 11.47 -105.46	209.50 10.25 -84.06	198.45 10.71 -68.80	193.74 10.14 -70.96	165.41 10.23 -43.87	152.81 9.42 -31.32
NYPA_VERNON____GT3 24163	165.83 11.10 -14.22	157.03 10.62 -15.21	151.09 9.47 -24.62	154.30 10.38 -10.97	157.33 10.48 -10.80	164.86 10.47 -10.96	193.39 9.63 -14.65	221.05 12.29 -16.88	212.03 12.91 -17.27	198.39 13.51 -24.02	187.07 12.94 -21.75	188.00 13.20 -28.23	185.81 10.75 -59.51	183.53 10.88 -56.87	182.28 10.36 -59.28	188.28 10.67 -61.51	205.33 10.15 -82.41	215.46 10.44 -89.12	240.26 11.47 -105.46	209.50 10.25 -84.06	198.45 10.71 -68.80	193.74 10.14 -70.96	165.41 10.23 -43.87	152.81 9.42 -31.32
NYPA__ASTORIA_CC1 323568	151.62 11.10 -0.01	144.92 10.62 -3.10	140.67 9.47 -14.20	143.34 10.38 -0.01	146.53 10.48 -0.01	153.91 10.47 -0.01	178.57 9.46 0.00	203.98 12.10 0.00	194.58 12.73 0.00	181.89 13.19 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.86 10.62 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.03 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.54 10.58 -39.02	163.06 10.02 -40.39	157.13 10.13 -35.70	150.26 9.30 -28.89
NYPA__ASTORIA_CC2 323569	151.62 11.10 -0.01	144.92 10.62 -3.10	140.67 9.47 -14.20	143.34 10.38 -0.01	146.53 10.48 -0.01	153.91 10.47 -0.01	178.57 9.46 0.00	203.98 12.10 0.00	194.58 12.73 0.00	181.89 13.19 -7.84	171.00 12.80 -5.82	171.00 12.90 -11.52	168.86 10.62 -42.69	166.60 10.77 -40.05	165.36 10.25 -42.46	171.00 10.45 -44.45	174.00 10.03 -51.20	185.14 10.20 -59.03	196.36 11.22 -61.82	181.43 10.14 -56.10	168.54 10.58 -39.02	163.06 10.02 -40.39	157.13 10.13 -35.70	150.26 9.30 -28.89
NYPA__HOLTSVILL 23794	153.30 12.79 0.00	146.50 12.20 -3.09	143.96 11.47 -15.49	145.72 12.77 0.00	148.43 12.38 0.00	153.47 10.04 0.00	178.57 9.46 0.00	204.35 12.47 0.00	194.95 13.10 0.00	174.37 13.51 0.00	165.63 13.25 0.00	160.95 14.37 0.00	154.33 11.90 -26.87	152.83 12.15 -24.88	152.94 11.60 -28.69	157.09 11.96 -29.04	162.32 11.17 -38.38	195.84 11.70 -68.22	209.12 12.95 -72.85	193.46 11.63 -66.64	169.61 11.66 -39.01	157.87 10.81 -34.41	152.84 11.47 -30.07	150.87 10.53 -28.26
NYPA__HELLGATE_GT1 24158	151.20 10.67 -0.01	144.92 10.62 -3.10	140.80 9.60 -14.20	143.73 10.76 -0.01	146.80 10.75 -0.01	154.05 10.61 -0.01	177.72 8.62 0.01	203.00 11.12 0.01	193.84 12.00 0.01	173.72 12.87 0.01	164.71 12.34 0.01	159.50 12.90 -0.02	152.32 10.62 -26.14	150.06 10.77 -23.50	148.71 10.14 -25.92	154.24 10.45 -27.69	161.21 10.03 -38.41	184.78 9.85 -59.02	195.99 10.86 -61.81	180.96 9.68 -56.09	168.18 10.23 -39.01	156.75 9.69 -34.42	149.10 10.13 -27.67	149.21 8.85 -28.28
NYPA__HELLGATE_GT2 24159	151.20 10.67 -0.01	144.92 10.62 -3.10	140.80 9.60 -14.20	143.73 10.76 -0.01	146.80 10.75 -0.01	154.05 10.61 -0.01	177.72 8.62 0.01	203.00 11.12 0.01	193.84 12.00 0.01	173.72 12.87 0.01	164.71 12.34 0.01	159.50 12.90 -0.02	152.32 10.62 -26.14	150.06 10.77 -23.50	148.71 10.14 -25.92	154.24 10.45 -27.69	161.21 10.03 -38.41	184.78 9.85 -59.02	195.99 10.86 -61.81	180.96 9.68 -56.09	168.18 10.23 -39.01	156.75 9.69 -34.42	149.10 10.13 -27.67	149.21 8.85 -28.28
NYS_BARGE__HYD 23848	132.36 -8.15 0.00	124.25 -7.47 -0.53	113.80 -5.61 -2.42	126.31 -6.64 0.00	127.48 -8.57 0.00	136.41 -7.03 0.00	156.93 -12.18 0.00	172.51 -19.37 0.00	164.04 -17.81 0.00	146.70 -14.16 0.00	137.60 -14.78 0.00	131.19 -15.39 0.00	108.37 -11.67 -4.48	108.34 -11.47 -4.02	102.68 -12.17 -2.20	108.35 -12.08 -4.33	103.97 -12.06 -3.27	109.00 -11.94 -5.03	121.20 -12.70 -10.58	108.95 -12.55 -6.31	109.06 -13.21 -3.32	104.64 -10.92 -2.92	103.64 -10.02 -2.35	106.38 -10.54 -4.84

OAK ORCHARD___HYD 24046	136.31 -4.21 0.00	129.15 -2.50 -0.45	117.42 -1.64 -2.06	129.64 -3.32 0.00	131.42 -4.63 0.00	139.99 -3.44 0.00	163.36 -5.75 0.00	181.89 -9.99 0.00	172.95 -8.91 0.00	153.94 -6.91 0.00	145.07 -7.31 0.00	138.66 -7.92 0.00	114.98 -4.39 -3.82	114.93 -4.28 -3.42	109.73 -5.18 -2.27	115.21 -4.65 -3.76	110.37 -5.75 -3.35	116.08 -4.98 -5.15	127.90 -4.43 -9.02	116.42 -4.73 -5.95	116.29 -6.06 -3.41	110.47 -5.18 -3.01	108.94 -4.78 -2.42	111.60 -4.60 -4.12
OAKDALE___35_KV_LOAD 356122	141.78 1.26 0.00	132.62 0.39 -1.03	122.42 0.70 -4.72	134.55 1.60 0.00	137.27 1.22 0.00	144.72 1.29 0.00	169.78 0.68 0.00	191.69 -0.19 0.00	181.67 -0.18 0.00	161.02 0.16 0.00	152.53 0.15 0.00	146.29 -0.29 0.00	123.48 -0.81 -8.73	122.92 -0.69 -7.83	118.77 -0.90 -7.03	124.33 -0.70 -8.93	122.40 -0.79 -10.42	131.34 -0.58 -16.01	143.93 0.00 -20.61	131.07 -0.46 -16.34	128.81 -0.71 -10.59	121.31 -0.68 -9.34	117.93 -0.89 -7.51	120.38 -1.12 -9.43
OCC_CHEM___DRP 24175	132.51 -8.01 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.89 -8.16 0.00	134.54 -8.89 0.00	154.23 -14.88 0.00	170.01 -21.87 0.00	161.49 -20.37 0.00	142.84 -18.02 0.00	135.62 -16.76 0.00	129.14 -17.44 0.00	107.30 -12.83 -4.57	107.38 -12.51 -4.10	101.78 -13.07 -2.21	107.50 -13.00 -4.41	101.82 -14.21 -3.26	106.77 -14.14 -5.00	120.18 -13.94 -10.79	107.98 -13.59 -6.38	107.15 -15.11 -3.31	102.39 -13.18 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
OH_GEN_PROXY 24063	132.51 -8.00 0.00	124.52 -7.22 -0.53	114.06 -5.38 -2.44	126.31 -6.64 0.00	127.61 -8.44 0.00	136.41 -7.03 0.00	156.77 -12.34 0.00	172.51 -19.37 0.00	163.85 -18.01 0.00	146.70 -14.16 0.00	137.60 -14.78 0.00	131.19 -15.39 0.00	108.76 -11.32 -4.52	108.84 -11.00 -4.06	103.06 -11.83 -2.25	107.64 -11.61 -3.15	104.68 -12.63 -4.55	108.59 -12.40 -5.08	121.80 -12.21 -10.69	109.51 -12.09 -6.41	108.75 -13.56 -3.37	103.91 -11.72 -2.98	102.80 -10.90 -2.40	106.77 -10.20 -4.89
OLIN_CORP_DRP 24177	131.10 -9.41 0.00	123.21 -8.53 -0.54	112.93 -6.55 -2.49	125.11 -7.84 0.00	126.80 -9.25 0.00	133.68 -9.75 0.00	154.40 -14.71 0.00	170.39 -21.49 0.00	161.85 -20.00 0.00	143.16 -17.69 0.00	135.92 -16.46 0.00	129.43 -17.15 0.00	107.10 -13.06 -4.60	107.18 -12.74 -4.13	101.66 -13.18 -2.20	107.30 -13.24 -4.44	103.05 -12.97 -3.25	107.92 -12.98 -4.99	120.14 -14.06 -10.87	107.88 -13.71 -6.39	108.09 -14.15 -3.31	103.96 -11.60 -2.92	102.97 -10.69 -2.35	105.51 -11.54 -4.97
OLIN_CORP_DSASP 323712	132.51 -8.00 0.00	124.91 -6.83 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.21 -8.84 0.00	135.97 -7.46 0.00	154.90 -14.20 0.00	170.00 -21.88 0.00	161.49 -20.36 0.00	144.77 -16.08 0.00	135.62 -16.76 0.00	129.28 -17.30 0.00	107.53 -12.59 -4.57	107.50 -12.39 -4.10	101.79 -13.06 -2.21	107.51 -13.00 -4.41	101.93 -14.10 -3.26	106.88 -14.03 -5.00	120.18 -13.94 -10.79	107.86 -13.71 -6.38	107.15 -15.11 -3.31	102.51 -13.06 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
ONEIDA_HERK_LFGE 323681	145.86 5.34 0.00	135.89 4.59 -0.10	121.67 4.21 -0.47	137.88 4.92 0.00	140.94 4.89 0.00	148.88 5.45 0.00	176.21 7.10 0.00	200.71 8.83 0.00	190.22 8.37 0.00	167.77 6.91 0.00	158.63 6.25 0.00	152.45 5.87 0.00	120.87 4.50 -0.81	121.15 4.64 -0.73	118.18 4.73 -0.80	121.94 4.99 -0.86	119.04 5.08 -1.19	123.19 5.45 -1.83	131.16 5.92 -1.92	122.24 5.30 -1.74	125.26 5.11 -1.21	118.44 4.73 -1.07	116.62 4.46 -0.86	117.10 4.15 -0.88
ONEIDA___115KV_TB4 55905	146.56 6.04 0.00	136.67 5.25 -0.22	122.92 4.91 -1.01	138.67 5.72 0.00	141.63 5.58 0.00	149.74 6.31 0.00	176.89 7.78 0.00	200.71 8.83 0.00	190.04 8.18 0.00	167.93 7.08 0.00	158.78 6.40 0.00	152.44 5.86 0.00	121.90 4.51 -1.84	121.95 4.52 -1.65	118.97 4.51 -1.82	123.03 4.99 -1.94	120.20 4.74 -2.70	125.27 5.22 -4.15	133.59 5.92 -4.34	124.20 5.07 -3.94	126.44 4.76 -2.74	119.34 4.28 -2.42	117.25 4.01 -1.94	117.76 3.70 -1.99
ONONDAGA_REF_OCCRA 23987	139.53 -0.98 0.00	130.68 -0.92 -0.40	118.27 -0.58 -1.86	132.16 -0.80 0.00	134.82 -1.22 0.00	142.29 -1.15 0.00	167.42 -1.69 0.00	189.77 -2.11 0.00	179.85 -2.00 0.00	159.09 -1.77 0.00	150.85 -1.52 0.00	144.67 -1.91 0.00	117.94 -1.04 -3.42	117.82 -1.04 -3.07	115.54 -1.24 -4.13	118.92 -0.93 -3.75	117.77 -1.13 -6.13	124.42 -0.93 -9.43	131.04 -0.37 -8.08	122.83 -0.81 -8.44	123.98 -1.19 -6.23	117.01 -1.13 -5.50	114.38 -1.34 -4.42	114.21 -1.57 -3.70
ONONDAGA___COGEN 23986	139.96 -0.56 0.00	131.06 -0.52 -0.38	118.64 -0.12 -1.76	132.56 -0.40 0.00	135.37 -0.68 0.00	142.57 -0.86 0.00	167.75 -1.35 0.00	190.54 -1.34 0.00	180.58 -1.27 0.00	159.73 -1.13 0.00	151.46 -0.91 0.00	145.41 -1.17 0.00	118.39 -0.46 -3.30	118.40 -0.35 -2.96	115.34 -0.56 -3.26	119.35 -0.23 -3.48	117.15 -0.45 -4.84	123.12 -0.23 -7.44	131.36 0.25 -7.79	122.15 -0.12 -7.07	123.26 -0.59 -4.92	116.42 -0.56 -4.34	114.01 -0.78 -3.48	114.63 -1.01 -3.56
ONTARIO___LFGE 23819	139.82 -0.70 0.00	130.40 -1.31 -0.51	118.88 -0.47 -2.35	132.69 -0.27 0.00	134.96 -1.09 0.00	143.58 0.14 0.00	168.60 -0.51 0.00	189.38 -2.50 0.00	179.31 -2.55 0.00	158.93 -1.92 0.00	149.93 -2.44 0.00	143.35 -3.23 0.00	117.50 -2.43 -4.38	117.40 -2.31 -3.93	110.92 -2.81 -1.09	117.82 -2.32 -4.04	111.66 -2.71 -1.60	116.14 -2.21 -2.43	132.31 -1.35 -10.34	117.94 -1.85 -4.60	117.83 -2.73 -1.62	111.50 -2.59 -1.44	109.57 -2.89 -1.16	113.79 -3.02 -4.73
ORANGEVILLE_WT_PWR 323706	137.56 -2.96 0.00	127.37 -4.46 -0.63	116.97 -2.92 -2.89	131.10 -1.86 0.00	132.65 -3.40 0.00	141.72 -1.71 0.00	163.86 -5.24 0.00	181.52 -10.36 0.00	171.67 -10.18 0.00	152.98 -7.88 0.00	143.54 -8.84 0.00	137.05 -9.53 0.00	112.24 -8.67 -5.35	112.02 -8.57 -4.80	105.18 -9.23 -1.77	112.06 -9.06 -5.02	106.24 -9.13 -2.60	110.73 -9.16 -3.98	127.09 -8.88 -12.64	112.36 -9.10 -6.27	111.59 -9.99 -2.64	106.08 -8.90 -2.34	104.62 -8.57 -1.89	109.45 -8.41 -5.78
ORANGEVILLE___ESR 323794	137.56 -2.96 0.00	127.37 -4.46 -0.63	116.97 -2.92 -2.89	131.10 -1.86 0.00	132.65 -3.40 0.00	141.72 -1.71 0.00	163.86 -5.24 0.00	181.52 -10.36 0.00	171.67 -10.18 0.00	152.98 -7.88 0.00	143.54 -8.84 0.00	137.05 -9.53 0.00	112.24 -8.67 -5.35	112.02 -8.57 -4.80	105.18 -9.23 -1.77	112.06 -9.06 -5.02	106.24 -9.13 -2.60	110.73 -9.16 -3.98	127.09 -8.88 -12.64	112.36 -9.10 -6.27	111.59 -9.99 -2.64	106.08 -8.90 -2.34	104.62 -8.57 -1.89	109.45 -8.41 -5.78
OSWEGATCHIE___HYD 24044	140.66 0.14 0.00	130.90 -0.39 -0.10	116.98 -0.47 -0.44	133.49 0.53 0.00	137.01 0.96 0.00	144.01 0.58 0.00	172.15 3.05 0.00	196.10 4.22 0.00	186.21 4.36 0.00	162.63 1.77 0.00	154.35 1.98 0.00	148.63 2.05 0.00	117.20 0.92 -0.73	117.60 1.16 -0.65	115.73 2.37 -0.72	118.72 1.85 -0.77	116.09 2.25 -1.07	118.95 1.40 -1.65	125.92 0.87 -1.72	118.15 1.39 -1.56	122.05 2.02 -1.09	115.74 2.13 -0.96	114.08 2.01 -0.77	114.89 2.02 -0.79
OSWEGO___5 23606	136.58 -3.93 0.00	127.94 -3.54 -0.28	115.35 -2.92 -1.28	129.50 -3.46 0.00	132.10 -3.95 0.00	139.57 -3.87 0.00	164.04 -5.07 0.00	185.36 -6.52 0.00	175.86 -6.00 0.00	155.87 -4.99 0.00	147.50 -4.88 0.00	141.59 -4.98 0.00	114.45 -3.46 -2.37	114.44 -3.47 -2.12	111.37 -3.61 -2.34	115.12 -3.48 -2.50	112.62 -3.61 -3.47	117.77 -3.47 -5.34	125.59 -3.32 -5.59	116.92 -3.34 -5.07	118.66 -3.81 -3.53	112.26 -3.49 -3.11	110.24 -3.57 -2.50	110.94 -3.70 -2.56

OSWEGO___6 23613	136.58 -3.93 0.00	127.94 -3.54 -0.28	115.35 -2.92 -1.28	129.50 -3.46 0.00	132.10 -3.95 0.00	139.57 -3.87 0.00	164.04 -5.07 0.00	185.36 -6.52 0.00	175.86 -6.00 0.00	155.87 -4.99 0.00	147.50 -4.88 0.00	141.59 -4.98 0.00	114.45 -3.46 -2.37	114.44 -3.47 -2.12	111.37 -3.61 -2.34	115.12 -3.48 -2.50	112.62 -3.61 -3.47	117.77 -3.47 -5.34	125.59 -3.32 -5.59	116.92 -3.34 -5.07	118.66 -3.81 -3.53	112.26 -3.49 -3.11	110.24 -3.57 -2.50	110.94 -3.70 -2.56
OUTOKUMPU-AB___DRP 24206	134.48 -6.04 0.00	125.58 -6.17 -0.55	115.18 -4.33 -2.51	128.17 -4.79 0.00	129.79 -6.26 0.00	136.84 -6.60 0.00	157.61 -11.50 0.00	174.42 -17.46 0.00	165.67 -16.18 0.00	146.54 -14.32 0.00	139.12 -13.26 0.00	132.51 -14.07 0.00	109.10 -11.09 -4.64	109.19 -10.77 -4.17	103.46 -11.38 -2.19	109.31 -11.26 -4.47	104.16 -11.84 -3.24	108.94 -11.94 -4.97	122.46 -11.84 -10.97	109.85 -11.75 -6.41	109.50 -12.73 -3.29	104.40 -11.15 -2.91	103.40 -10.24 -2.34	107.23 -9.86 -5.02
OXBOW___BTM 323836	132.79 -7.73 0.00	124.65 -7.09 -0.54	114.22 -5.26 -2.49	126.58 -6.38 0.00	127.61 -8.44 0.00	136.41 -7.03 0.00	155.92 -13.19 0.00	171.54 -20.34 0.00	162.94 -18.92 0.00	145.90 -14.95 0.00	136.83 -15.54 0.00	130.45 -16.12 0.00	108.03 -12.13 -4.61	108.00 -11.92 -4.13	102.23 -12.61 -2.20	108.00 -12.54 -4.44	102.59 -13.42 -3.25	107.57 -13.33 -4.98	120.89 -13.32 -10.88	108.34 -13.24 -6.39	107.85 -14.40 -3.30	103.05 -12.51 -2.92	102.07 -11.58 -2.35	106.30 -10.76 -4.98
OXBOW____ 24026	132.79 -7.73 0.00	124.66 -7.08 -0.54	114.22 -5.26 -2.49	126.58 -6.38 0.00	128.29 -7.75 0.00	134.97 -8.46 0.00	155.24 -13.87 0.00	171.54 -20.34 0.00	162.94 -18.91 0.00	144.13 -16.73 0.00	136.83 -15.54 0.00	130.31 -16.27 0.00	107.80 -12.36 -4.61	107.88 -12.04 -4.13	102.23 -12.62 -2.20	108.00 -12.54 -4.44	102.60 -13.42 -3.25	107.45 -13.45 -4.98	120.89 -13.32 -10.88	108.46 -13.13 -6.39	107.85 -14.39 -3.30	102.94 -12.62 -2.92	101.97 -11.69 -2.35	106.18 -10.87 -4.98
OXY_CHEM_DSASP 323612	132.51 -8.01 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.89 -8.16 0.00	134.54 -8.89 0.00	154.23 -14.88 0.00	170.01 -21.87 0.00	161.49 -20.37 0.00	142.84 -18.02 0.00	135.62 -16.76 0.00	129.14 -17.44 0.00	107.30 -12.83 -4.57	107.38 -12.51 -4.10	101.78 -13.07 -2.21	107.50 -13.00 -4.41	101.82 -14.21 -3.26	106.77 -14.14 -5.00	120.18 -13.94 -10.79	107.98 -13.59 -6.38	107.15 -15.11 -3.31	102.39 -13.18 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
OZONE_PARK_ESR 323760	151.90 11.38 0.00	145.18 10.89 -3.09	140.90 9.71 -14.20	143.46 10.50 0.00	146.66 10.61 0.00	154.48 11.04 0.00	180.10 10.99 0.00	205.31 13.43 0.00	195.86 14.00 0.00	175.17 14.32 0.00	165.79 13.41 0.00	160.21 13.63 0.00	152.76 11.09 -26.11	150.49 11.23 -23.47	149.24 10.70 -25.89	154.78 11.03 -27.66	161.76 10.60 -38.39	186.06 11.13 -59.02	197.35 12.21 -61.81	182.35 11.06 -56.09	169.26 11.30 -39.02	157.65 10.59 -34.42	149.54 10.57 -27.66	150.10 9.75 -28.27
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	132.51 -8.01 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.89 -8.16 0.00	134.54 -8.89 0.00	154.23 -14.88 0.00	170.01 -21.87 0.00	161.49 -20.37 0.00	142.84 -18.02 0.00	135.62 -16.76 0.00	129.14 -17.44 0.00	107.30 -12.83 -4.57	107.38 -12.51 -4.10	101.78 -13.07 -2.21	107.50 -13.00 -4.41	101.82 -14.21 -3.26	106.77 -14.14 -5.00	120.18 -13.94 -10.79	107.98 -13.59 -6.38	107.15 -15.11 -3.31	102.39 -13.18 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
PACKARD__115KV_DUPONT_184 80571	132.51 -8.01 0.00	124.78 -6.95 -0.54	114.32 -5.15 -2.47	126.18 -6.78 0.00	127.89 -8.16 0.00	134.54 -8.89 0.00	154.23 -14.88 0.00	170.01 -21.87 0.00	161.49 -20.37 0.00	142.84 -18.02 0.00	135.62 -16.76 0.00	129.14 -17.44 0.00	107.30 -12.83 -4.57	107.38 -12.51 -4.10	101.78 -13.07 -2.21	107.50 -13.00 -4.41	101.82 -14.21 -3.26	106.77 -14.14 -5.00	120.18 -13.94 -10.79	107.98 -13.59 -6.38	107.15 -15.11 -3.31	102.39 -13.18 -2.93	101.53 -12.13 -2.36	106.03 -10.98 -4.94
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	151.06 10.54 -0.01	144.80 10.50 -3.10	140.68 9.48 -14.20	143.47 10.50 -0.01	146.40 10.34 -0.01	154.20 10.76 -0.01	178.07 8.96 0.00	203.01 11.13 0.00	193.67 11.82 0.00	173.72 12.87 0.01	164.41 12.04 0.01	158.88 12.31 0.01	151.71 10.05 -26.11	149.44 10.19 -23.47	148.22 9.69 -25.89	153.73 9.98 -27.65	160.63 9.47 -38.39	184.68 9.74 -59.03	195.87 10.73 -61.82	180.85 9.56 -56.10	168.07 10.11 -39.02	156.53 9.46 -34.42	148.66 9.68 -27.67	149.10 8.74 -28.28
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	152.33 11.80 -0.01	145.85 11.55 -3.10	141.73 10.53 -14.20	144.53 11.57 -0.01	147.62 11.56 -0.01	155.35 11.90 -0.01	179.42 10.32 0.00	204.54 12.66 0.00	195.13 13.28 0.00	174.84 13.99 0.01	165.47 13.10 0.01	159.76 13.19 0.01	152.41 10.75 -26.11	150.14 10.88 -23.47	148.89 10.36 -25.89	154.43 10.68 -27.65	161.30 10.15 -38.39	185.37 10.43 -59.03	196.73 11.59 -61.82	181.66 10.37 -56.10	168.90 10.94 -39.02	157.31 10.25 -34.42	149.44 10.46 -27.67	150.00 9.64 -28.28
PATROON__115KV_TB1 80586	147.26 6.74 0.00	140.78 5.77 -3.81	139.64 5.15 -17.49	139.07 6.12 0.00	141.90 5.85 0.00	149.31 5.88 0.00	174.86 5.75 0.00	198.40 6.52 0.00	188.22 6.36 0.00	167.29 6.43 0.00	158.78 6.40 0.00	153.03 6.45 0.00	153.00 5.32 -32.13	150.02 5.33 -28.90	149.71 5.18 -31.88	154.79 4.64 -34.05	164.10 4.06 -47.27	192.65 4.06 -72.68	203.75 4.32 -76.11	188.18 3.92 -69.07	170.91 3.93 -48.04	158.86 3.83 -42.38	149.37 4.01 -34.06	151.26 4.37 -34.81
PATTRSNVILLE__SOLAR 323815	147.82 7.30 0.00	142.29 7.08 -4.01	141.70 6.31 -18.39	140.27 7.31 0.00	143.39 7.34 0.00	151.03 7.60 0.00	177.56 8.45 0.00	201.28 9.40 0.00	190.22 8.37 0.00	168.42 7.56 0.00	159.39 7.01 0.00	153.32 6.75 0.00	155.10 5.78 -33.77	151.93 5.67 -30.47	151.77 5.52 -33.61	158.03 6.03 -35.90	168.68 6.09 -49.83	199.13 6.60 -76.61	210.83 7.27 -80.23	194.56 6.56 -72.81	176.12 6.54 -50.64	163.40 6.08 -44.68	152.99 5.78 -35.90	154.26 5.49 -36.69
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	139.39 -1.12 0.00	124.44 -7.35 -0.59	114.32 -5.38 -2.70	132.96 0.00 0.00	134.69 -1.36 0.00	142.14 -1.29 0.00	164.71 -4.40 0.00	183.25 -8.63 0.00	173.85 -8.00 0.00	153.94 -6.92 0.00	145.83 -6.55 0.00	139.10 -7.48 0.00	109.69 -10.86 -5.00	109.50 -10.77 -4.48	103.79 -11.04 -2.19	109.62 -11.26 -4.78	105.51 -10.49 -3.23	109.85 -11.01 -4.95	123.91 -11.22 -11.81	110.55 -11.29 -6.65	111.04 -11.18 -3.29	104.96 -10.59 -2.90	103.40 -10.24 -2.34	107.17 -10.31 -5.40
PAWLING_115_KV_BK3_REV_LBMP_H 345028	151.20 10.68 0.00	144.69 10.36 -3.13	140.69 9.36 -14.34	143.33 10.37 0.00	146.25 10.20 0.00	154.33 10.90 0.00	180.78 11.67 0.00	205.31 13.43 0.00	195.31 13.46 0.00	174.69 13.83 0.00	165.18 12.80 0.00	159.18 12.61 0.00	152.32 10.40 -26.37	150.03 10.54 -23.70	148.81 10.03 -26.15	154.47 10.45 -27.93	161.80 10.26 -38.77	186.18 10.66 -59.61	197.58 11.84 -62.42	182.32 10.48 -56.65	169.28 10.94 -39.40	157.43 10.03 -34.76	149.14 9.91 -27.93	149.59 8.97 -28.55
PEEKSKILL____ 23653	149.23 8.72 0.00	142.78 8.52 -3.06	138.77 7.72 -14.05	141.34 8.38 0.00	144.35 8.30 0.00	151.75 8.32 0.00	177.22 8.12 0.00	202.04 10.16 0.00	192.40 10.54 0.00	171.64 10.78 0.00	162.88 10.51 0.00	157.27 10.69 0.00	150.18 8.78 -25.85	147.94 8.92 -23.23	146.72 8.45 -25.63	152.29 8.82 -27.37	159.23 8.46 -38.00	183.14 8.80 -58.42	194.38 9.87 -61.18	179.47 8.75 -55.52	166.49 8.92 -38.62	155.05 8.34 -34.07	147.04 8.35 -27.38	147.46 7.40 -27.98

PGE MADISON___WINDPWR 24146	156.67 16.15 0.00	145.97 13.77 -1.00	134.33 12.75 -4.57	147.98 15.02 0.00	151.01 14.97 0.00	160.64 17.20 0.00	190.42 21.31 0.00	215.67 23.79 0.00	203.67 21.81 0.00	179.51 18.65 0.00	168.22 15.85 0.00	161.38 14.80 0.00	134.78 10.75 -8.48	133.67 10.30 -7.58	134.90 9.91 -12.34	136.43 10.67 -9.65	141.69 10.60 -18.32	156.16 12.05 -28.19	157.10 13.81 -19.97	151.05 11.87 -23.99	148.74 11.18 -18.62	139.08 10.02 -16.42	133.72 9.23 -13.19	129.72 8.51 -9.13
PIERCEFIELD___HYD 23852	135.88 -4.64 0.00	126.53 -4.72 -0.05	112.79 -4.45 -0.24	129.77 -3.19 0.00	133.87 -2.18 0.00	140.42 -3.01 0.00	168.77 -0.34 0.00	190.35 -1.54 0.00	181.31 -0.55 0.00	157.64 -3.22 0.00	149.79 -2.59 0.00	144.38 -2.20 0.00	112.90 -2.66 0.00	113.13 -2.66 0.00	111.74 -0.90 0.00	114.01 -2.09 0.00	111.19 -1.58 0.00	112.32 -3.59 0.00	118.14 -5.18 0.00	111.97 -3.23 0.00	117.16 -1.78 0.00	111.29 -1.35 0.00	110.08 -1.22 0.00	111.29 -0.78 0.00
PINELAWN_CC_1 323563	153.02 12.50 0.00	146.23 11.94 -3.09	143.60 11.12 -15.49	145.32 12.37 0.00	148.15 12.10 0.00	154.05 10.61 0.00	179.94 10.83 0.00	205.51 13.63 0.00	196.05 14.19 0.00	175.49 14.64 0.00	166.55 14.17 0.00	161.24 14.66 0.00	154.55 12.13 -26.87	152.94 12.27 -24.88	153.05 11.71 -28.69	157.32 12.19 -29.04	162.77 11.62 -38.38	196.30 12.17 -68.22	209.61 13.44 -72.85	193.93 12.09 -66.64	170.20 12.25 -39.01	158.21 11.15 -34.41	151.78 11.58 -28.90	150.77 10.43 -28.26
PJM_GEN_HTP_PROXY 323702	150.50 9.98 0.00	143.87 9.57 -3.09	139.73 8.54 -14.19	142.26 9.30 0.00	145.43 9.38 0.00	152.75 9.32 0.00	178.06 8.96 0.00	203.39 11.51 0.00	193.85 12.00 0.00	173.08 12.22 0.00	164.27 11.89 0.00	158.60 12.02 0.00	151.60 9.94 -26.11	149.33 10.07 -23.47	148.10 9.57 -25.89	152.28 9.75 -26.42	161.74 9.35 -39.62	184.67 9.74 -59.02	195.99 10.86 -61.81	180.96 9.68 -56.09	167.82 9.87 -39.01	156.30 9.24 -34.42	148.32 9.35 -27.66	148.86 8.51 -28.27
PJM_GEN_KEystone 24065	120.00 1.82 22.34	107.30 0.66 24.56	105.13 1.05 12.92	102.56 2.12 32.52	104.45 1.50 33.10	110.76 1.86 34.53	147.57 0.00 21.54	172.76 -1.33 17.79	157.68 -0.72 23.45	128.13 0.65 33.37	125.46 0.15 27.07	119.25 0.00 27.33	113.07 -0.46 2.02	105.70 -0.35 9.74	104.30 -0.78 7.56	105.60 -0.69 9.81	121.00 -0.78 -9.02	146.48 -0.58 -31.15	159.35 0.00 -36.02	145.84 -0.57 -31.22	139.55 -0.83 -21.44	131.40 -0.67 -19.43	119.50 -0.55 -8.75	117.00 -0.90 -5.82
PJM_GEN_NEPTUNE_PROXY 323594	151.19 10.67 0.00	144.65 10.36 -3.09	141.36 9.47 -14.89	143.46 10.50 0.00	146.26 10.21 0.00	152.47 9.04 0.00	178.06 8.96 0.00	203.20 11.32 0.00	193.85 12.00 0.00	173.56 12.70 0.00	164.71 12.34 0.00	159.32 12.75 0.00	152.70 10.62 -26.52	150.79 10.77 -24.23	150.29 10.25 -27.40	153.83 10.56 -27.17	162.41 10.03 -39.61	190.45 10.55 -63.99	202.68 11.59 -67.77	187.46 10.48 -61.79	168.53 10.58 -39.01	156.74 9.69 -34.41	149.71 10.13 -28.28	149.31 8.97 -28.26
PJM_GEN_VFT_PROXY 323633	89.12 9.42 60.81	71.72 9.05 68.52	82.37 8.19 42.81	78.35 8.77 63.38	79.56 8.84 65.33	79.92 8.75 72.26	67.57 8.28 109.83	58.40 10.74 144.22	58.40 11.28 134.73	71.57 11.59 100.87	58.40 11.28 105.25	58.40 11.58 99.76	109.74 9.25 15.06	105.69 9.37 19.47	103.64 8.90 17.90	105.58 9.17 19.69	118.35 8.68 3.10	150.36 9.05 -25.40	159.17 10.11 -25.73	156.90 8.99 -32.71	156.90 9.16 -28.80	154.00 8.67 -32.68	115.84 8.79 4.26	148.19 7.84 -28.27
PLATSBURG_115KV_PMLD1 355749	138.69 -1.83 0.00	129.23 -1.97 0.00	115.01 -1.99 0.00	131.49 -1.46 0.00	135.37 -0.68 0.00	143.43 0.00 0.00	171.81 2.71 0.00	193.03 1.15 0.00	185.13 3.27 0.00	162.30 1.45 0.00	153.90 1.52 0.00	147.90 1.32 0.00	115.78 0.23 0.00	115.79 0.00 0.00	112.75 0.11 0.00	115.75 -0.35 0.00	112.65 -0.11 0.00	115.10 -0.81 0.00	121.35 -1.97 0.00	113.24 -1.96 0.00	116.92 -2.02 0.00	110.50 -2.14 0.00	109.30 -2.00 0.00	110.73 -1.34 0.00
PLEASANTVLY___LBMP 24000	148.67 8.15 0.00	142.43 8.00 -3.23	139.16 7.37 -14.79	140.93 7.98 0.00	143.94 7.89 0.00	151.61 8.18 0.00	177.06 7.95 0.00	201.47 9.59 0.00	191.67 9.82 0.00	171.15 10.29 0.00	161.98 9.60 0.00	156.25 9.67 0.00	150.85 8.09 -27.21	148.35 8.11 -24.46	147.40 7.77 -26.98	153.04 8.13 -28.82	160.56 7.78 -40.01	185.53 8.11 -61.51	196.74 9.00 -64.41	181.71 8.06 -58.45	167.81 8.21 -40.66	156.17 7.66 -35.87	147.92 7.79 -28.83	148.49 6.95 -29.46
PLSNTVLE_13_KV_13.8KVDIST 80602	149.79 9.27 0.00	143.37 9.05 -3.12	139.49 8.19 -14.30	141.87 8.91 0.00	144.76 8.71 0.00	152.61 9.18 0.00	178.24 9.13 0.00	202.82 10.94 0.00	193.31 11.46 0.00	172.76 11.90 0.00	163.50 11.12 0.00	158.01 11.43 0.00	151.22 9.36 -26.30	148.93 9.49 -23.64	147.73 9.01 -26.08	153.24 9.29 -27.86	160.35 8.91 -38.67	184.64 9.27 -59.46	195.95 10.36 -62.26	181.03 9.33 -56.50	167.76 9.52 -39.30	156.10 8.79 -34.67	148.07 8.90 -27.86	148.40 7.85 -28.48
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	149.79 9.27 0.00	143.37 9.05 -3.12	139.49 8.19 -14.30	141.87 8.91 0.00	144.76 8.71 0.00	152.61 9.18 0.00	178.24 9.13 0.00	202.82 10.94 0.00	193.31 11.46 0.00	172.76 11.90 0.00	163.50 11.12 0.00	158.01 11.43 0.00	151.22 9.36 -26.30	148.93 9.49 -23.64	147.73 9.01 -26.08	153.24 9.29 -27.86	160.35 8.91 -38.67	184.64 9.27 -59.46	195.95 10.36 -62.26	181.03 9.33 -56.50	167.76 9.52 -39.30	156.10 8.79 -34.67	148.07 8.90 -27.86	148.40 7.85 -28.48
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	150.35 9.84 0.00	143.78 9.45 -3.14	140.06 8.66 -14.41	142.40 9.44 0.00	145.44 9.39 0.00	153.19 9.75 0.00	179.42 10.32 0.00	203.97 12.09 0.00	193.67 11.82 0.00	172.76 11.90 0.00	163.50 11.12 0.00	157.57 10.99 0.00	151.18 9.13 -26.50	148.87 9.26 -23.82	147.82 8.90 -26.27	153.33 9.17 -28.06	160.86 9.13 -38.96	185.43 9.62 -59.90	196.66 10.61 -62.73	181.56 9.45 -56.92	168.29 9.75 -39.59	156.58 9.01 -34.93	148.28 8.90 -28.07	148.83 8.07 -28.69
POLETTI___ 23519	150.92 10.40 0.00	144.26 9.97 -3.09	140.20 9.01 -14.20	142.66 9.71 0.00	145.71 9.66 0.00	153.47 10.04 0.00	178.05 8.96 0.02	202.99 11.13 0.02	193.48 11.64 0.02	173.06 12.23 0.02	163.94 11.58 0.02	158.45 11.87 0.00	151.49 9.82 -26.11	149.22 9.96 -23.47	148.00 9.46 -25.89	153.39 9.64 -27.66	160.29 9.13 -38.39	184.42 9.50 -59.01	195.73 10.61 -61.80	180.72 9.45 -56.08	167.58 9.63 -39.00	156.30 9.24 -34.42	148.65 9.68 -27.66	149.20 8.85 -28.27
POMONA___ESR 323819	149.09 8.57 0.00	142.32 8.14 -2.99	138.19 7.49 -13.69	141.07 8.11 0.00	144.07 8.02 0.00	151.46 8.03 0.00	177.06 7.95 0.00	201.85 9.97 0.00	192.03 10.18 0.00	171.31 10.45 0.00	162.43 10.05 0.00	156.84 10.26 0.00	149.30 8.55 -25.19	147.12 8.69 -22.64	145.84 8.22 -24.98	151.25 8.47 -26.68	158.03 8.23 -37.04	181.43 8.58 -56.94	192.58 9.63 -59.63	177.83 8.52 -54.11	165.26 8.68 -37.64	153.96 8.11 -33.21	146.11 8.12 -26.68	146.53 7.18 -27.27
PORT_JEFF_3 23555	153.17 12.65 0.00	146.62 12.33 -3.09	144.18 11.70 -15.49	146.12 13.17 0.00	148.43 12.38 0.00	153.19 9.76 0.00	177.73 8.62 0.00	203.39 11.51 0.00	194.23 12.37 0.00	173.73 12.87 0.00	165.02 12.64 0.00	160.65 14.07 0.00	154.21 11.79 -26.87	152.94 12.27 -24.88	152.94 11.60 -28.69	156.86 11.72 -29.04	161.87 10.72 -38.38	195.50 11.37 -68.22	208.75 12.59 -72.85	193.00 11.17 -66.64	169.25 11.31 -39.01	157.64 10.59 -34.41	152.94 11.47 -30.17	150.87 10.53 -28.26

PORT_JEFF_4 23616	153.17 12.65 0.00	146.62 12.33 -3.09	144.18 11.70 -15.49	146.12 13.17 0.00	148.43 12.38 0.00	153.19 9.76 0.00	177.73 8.62 0.00	203.39 11.51 0.00	194.23 12.37 0.00	173.73 12.87 0.00	165.02 12.64 0.00	160.65 14.07 0.00	154.21 11.79 -26.87	152.94 12.27 -24.88	152.94 11.60 -28.69	156.86 11.72 -29.04	161.87 10.72 -38.38	195.50 11.37 -68.22	208.75 12.59 -72.85	193.00 11.17 -66.64	169.25 11.31 -39.01	157.64 10.59 -34.41	152.94 11.47 -30.17	150.87 10.53 -28.26
PORT_JEFF_IC 23713	152.46 11.94 0.00	146.89 12.60 -3.09	144.42 11.93 -15.49	145.19 12.23 0.00	147.75 11.70 0.00	155.05 11.62 0.00	180.44 11.33 0.00	203.78 11.90 0.00	194.76 12.91 0.00	174.85 13.99 0.00	165.63 13.26 0.00	161.09 14.51 0.00	154.55 12.13 -26.87	153.18 12.51 -24.88	153.28 11.94 -28.69	157.32 12.19 -29.04	162.31 11.16 -38.38	196.07 11.94 -68.22	209.37 13.20 -72.85	193.58 11.75 -66.64	169.72 11.78 -39.01	158.09 11.04 -34.41	153.45 11.80 -30.35	151.10 10.76 -28.26
PPL PILGRIM_ST_GT1 24216	153.72 13.20 0.00	147.01 12.72 -3.09	144.30 11.81 -15.49	146.25 13.29 0.00	148.98 12.93 0.00	154.33 10.90 0.00	180.09 10.99 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	167.01 14.63 0.00	161.82 15.24 0.00	155.02 12.60 -26.87	153.52 12.85 -24.88	153.62 12.28 -28.69	157.79 12.66 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	209.98 13.81 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.55 11.50 -34.41	152.07 11.68 -29.09	151.21 10.87 -28.26
PPL PILGRIM_ST_GT2 24217	153.72 13.20 0.00	147.01 12.72 -3.09	144.30 11.81 -15.49	146.25 13.29 0.00	148.98 12.93 0.00	154.33 10.90 0.00	180.09 10.99 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	167.01 14.63 0.00	161.82 15.24 0.00	155.02 12.60 -26.87	153.52 12.85 -24.88	153.62 12.28 -28.69	157.79 12.66 -29.04	163.10 11.95 -38.38	196.77 12.64 -68.22	209.98 13.81 -72.85	194.28 12.44 -66.64	170.55 12.60 -39.01	158.55 11.50 -34.41	152.07 11.68 -29.09	151.21 10.87 -28.26
PPL_SHRM_GT3 24213	154.43 13.91 0.00	147.41 13.12 -3.09	144.77 12.28 -15.49	146.65 13.70 0.00	149.39 13.34 0.00	154.48 11.05 0.00	179.94 10.83 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	166.86 14.48 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.95 12.61 -28.69	158.25 13.12 -29.04	163.33 12.18 -38.38	197.11 12.98 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.82 12.35 -30.16	151.78 11.44 -28.26
PPL_SHRM_GT4 24214	154.43 13.91 0.00	147.41 13.12 -3.09	144.77 12.28 -15.49	146.65 13.70 0.00	149.39 13.34 0.00	154.48 11.05 0.00	179.94 10.83 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	166.86 14.48 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.95 12.61 -28.69	158.25 13.12 -29.04	163.33 12.18 -38.38	197.11 12.98 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.82 12.35 -30.16	151.78 11.44 -28.26
PROJECT___ORANGE 1 24174	138.55 -1.97 0.00	129.84 -1.71 -0.35	117.29 -1.29 -1.58	131.36 -1.60 0.00	134.01 -2.04 0.00	141.28 -2.15 0.00	166.23 -2.87 0.00	188.04 -3.84 0.00	178.22 -3.64 0.00	157.80 -3.06 0.00	149.63 -2.74 0.00	143.65 -2.93 0.00	116.59 -1.85 -2.88	116.64 -1.74 -2.59	113.47 -2.03 -2.85	117.40 -1.74 -3.05	114.97 -2.03 -4.23	120.68 -1.74 -6.50	128.78 -1.36 -6.81	119.76 -1.61 -6.18	121.10 -2.14 -4.30	114.41 -2.03 -3.79	112.24 -2.11 -3.05	112.84 -2.35 -3.11
PROJECT___ORANGE 2 24166	138.55 -1.97 0.00	129.84 -1.71 -0.35	117.29 -1.29 -1.58	131.36 -1.60 0.00	134.01 -2.04 0.00	141.28 -2.15 0.00	166.23 -2.87 0.00	188.04 -3.84 0.00	178.22 -3.64 0.00	157.80 -3.06 0.00	149.63 -2.74 0.00	143.65 -2.93 0.00	116.59 -1.85 -2.88	116.64 -1.74 -2.59	113.47 -2.03 -2.85	117.40 -1.74 -3.05	114.97 -2.03 -4.23	120.68 -1.74 -6.50	128.78 -1.36 -6.81	119.76 -1.61 -6.18	121.10 -2.14 -4.30	114.41 -2.03 -3.79	112.24 -2.11 -3.05	112.84 -2.35 -3.11
PUCKETT___SOLAR 323809	145.72 5.20 0.00	136.07 3.81 -1.06	125.72 3.86 -4.86	138.01 5.05 0.00	140.68 4.63 0.00	149.02 5.59 0.00	175.19 6.08 0.00	197.83 5.95 0.00	187.13 5.28 0.00	165.68 4.82 0.00	156.33 3.96 0.00	149.95 3.37 0.00	126.64 2.08 -9.00	125.93 2.09 -8.06	123.33 1.80 -8.89	127.79 2.20 -9.50	128.09 2.14 -13.18	138.96 2.78 -20.27	148.13 3.58 -21.23	137.22 2.76 -19.26	134.72 2.38 -13.40	126.60 2.13 -11.82	122.58 1.78 -9.50	123.24 1.45 -9.71
PYRITES___HYD 24023	138.13 -2.39 0.00	128.36 -2.89 -0.05	114.42 -2.81 -0.23	131.76 -1.20 0.00	136.05 0.00 0.00	143.29 -0.14 0.00	172.66 3.55 0.00	194.76 2.88 0.00	185.31 3.46 0.00	160.86 0.00 0.00	152.53 0.15 0.00	146.87 0.29 0.00	114.40 -1.16 0.00	114.63 -1.16 0.00	113.32 0.68 0.00	115.63 -0.46 0.00	112.99 0.23 0.00	114.52 -1.39 0.00	120.49 -2.84 0.00	114.16 -1.04 0.00	119.18 0.24 0.00	112.98 0.34 0.00	111.75 0.45 0.00	113.09 1.01 0.00
QUAKERRD_115KV_BK1 80622	133.77 -6.74 0.00	126.65 -4.99 -0.43	115.13 -3.86 -1.99	127.37 -5.58 0.00	129.38 -6.67 0.00	136.69 -6.74 0.00	160.15 -8.96 0.00	179.60 -12.28 0.00	170.76 -11.09 0.00	150.72 -10.13 0.00	143.23 -9.14 0.00	136.90 -9.67 0.00	113.25 -6.01 -3.71	113.21 -5.91 -3.32	108.43 -6.53 -2.32	113.62 -6.15 -3.67	109.10 -7.10 -3.43	114.69 -6.49 -5.27	126.03 -6.04 -8.75	114.93 -6.22 -5.96	114.94 -7.49 -3.49	108.97 -6.76 -3.08	107.44 -6.34 -2.48	109.80 -6.28 -4.00
QUENSBRY_115KV_TB8 356137	153.73 13.21 0.00	147.57 12.46 -3.90	145.90 11.00 -17.90	146.12 13.16 0.00	149.38 13.33 0.00	158.92 15.49 0.00	187.37 18.26 0.00	212.99 21.11 0.00	201.31 19.46 0.00	178.39 17.53 0.00	168.07 15.69 0.00	161.09 14.51 0.00	159.85 11.44 -32.85	156.46 11.12 -29.56	155.95 10.70 -32.60	162.53 11.61 -34.82	172.84 11.73 -48.34	202.64 12.40 -74.33	214.73 13.57 -77.84	197.92 12.10 -70.63	180.32 12.25 -49.13	167.36 11.38 -43.34	156.71 10.57 -34.83	157.99 10.31 -35.60
RAMAPO___LBMP 323565	148.39 7.87 0.00	141.78 7.61 -2.98	137.67 7.02 -13.65	140.40 7.45 0.00	143.40 7.35 0.00	151.18 7.75 0.00	176.55 7.44 0.00	200.90 9.02 0.00	191.31 9.46 0.00	170.99 10.13 0.00	161.82 9.45 0.00	156.25 9.67 0.00	148.64 7.97 -25.11	146.46 8.11 -22.57	145.20 7.66 -24.90	150.70 8.01 -26.59	157.35 7.67 -36.92	180.67 8.00 -56.76	191.76 9.00 -59.44	177.20 8.06 -53.94	164.67 8.21 -37.52	153.29 7.55 -33.10	145.47 7.57 -26.60	145.99 6.72 -27.18
RANKINE____ 23646	137.29 -3.23 0.00	126.40 -5.38 -0.58	115.90 -3.74 -2.65	130.96 -1.99 0.00	132.65 -3.40 0.00	139.85 -3.59 0.00	162.01 -7.10 0.00	179.79 -12.09 0.00	170.58 -11.27 0.00	150.88 -9.97 0.00	143.08 -9.30 0.00	136.46 -10.11 0.00	110.86 -9.59 -4.90	110.81 -9.38 -4.40	104.77 -10.03 -2.16	110.80 -9.98 -4.69	105.69 -10.26 -3.18	110.35 -10.43 -4.87	124.66 -10.24 -11.58	111.36 -10.37 -6.53	111.11 -11.06 -3.23	105.59 -9.91 -2.86	104.26 -9.35 -2.30	108.41 -8.97 -5.29
RAVENSWOOD_GT2_1 24244	150.63 10.12 0.00	144.13 9.84 -3.10	139.97 8.77 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	173.56 12.71 0.00	164.42 12.04 0.00	158.89 12.31 0.00	151.72 10.05 -26.12	149.45 10.19 -23.47	148.22 9.69 -25.89	153.62 9.87 -27.66	160.63 9.47 -38.40	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	168.07 10.11 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	148.98 8.63 -28.27

RAVENSWOOD_GT2_2 24245	150.63 10.12 0.00	144.13 9.84 -3.10	139.97 8.77 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	173.56 12.71 0.00	164.42 12.04 0.00	158.89 12.31 0.00	151.72 10.05 -26.12	149.45 10.19 -23.47	148.22 9.69 -25.89	153.62 9.87 -27.66	160.63 9.47 -38.40	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	168.07 10.11 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	148.98 8.63 -28.27
RAVENSWOOD_GT2_3 24246	150.78 10.26 0.00	144.13 9.84 -3.10	140.09 8.89 -14.20	142.53 9.57 0.00	145.57 9.52 0.00	153.47 10.04 0.00	178.75 9.64 0.00	203.58 11.70 0.00	194.22 12.37 0.00	173.89 13.03 0.00	164.57 12.19 0.00	159.04 12.46 0.00	151.84 10.17 -26.12	149.57 10.31 -23.47	148.34 9.80 -25.89	153.86 10.10 -27.66	160.75 9.59 -38.40	184.91 9.97 -59.03	196.12 10.98 -61.82	181.20 9.91 -56.10	168.07 10.11 -39.02	156.64 9.57 -34.42	148.65 9.68 -27.66	149.09 8.74 -28.27
RAVENSWOOD_GT2_4 24247	150.78 10.26 0.00	144.13 9.84 -3.10	140.09 8.89 -14.20	142.53 9.57 0.00	145.57 9.52 0.00	153.47 10.04 0.00	178.75 9.64 0.00	203.58 11.70 0.00	194.22 12.37 0.00	173.89 13.03 0.00	164.57 12.19 0.00	159.04 12.46 0.00	151.84 10.17 -26.12	149.57 10.31 -23.47	148.34 9.80 -25.89	153.86 10.10 -27.66	160.75 9.59 -38.40	184.91 9.97 -59.03	196.12 10.98 -61.82	181.20 9.91 -56.10	168.07 10.11 -39.02	156.64 9.57 -34.42	148.65 9.68 -27.66	149.09 8.74 -28.27
RAVENSWOOD_GT3_1 24248	150.63 10.12 0.00	144.13 9.84 -3.10	139.97 8.77 -14.20	142.53 9.57 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	173.56 12.71 0.00	164.42 12.04 0.00	158.89 12.31 0.00	151.72 10.05 -26.12	149.45 10.19 -23.47	148.22 9.69 -25.89	153.74 9.98 -27.66	160.63 9.47 -38.40	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	168.07 10.11 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	149.09 8.74 -28.27
RAVENSWOOD_GT3_2 24249	150.63 10.12 0.00	144.13 9.84 -3.10	139.97 8.77 -14.20	142.53 9.57 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	173.56 12.71 0.00	164.42 12.04 0.00	158.89 12.31 0.00	151.72 10.05 -26.12	149.45 10.19 -23.47	148.22 9.69 -25.89	153.74 9.98 -27.66	160.63 9.47 -38.40	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	168.07 10.11 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	149.09 8.74 -28.27
RAVENSWOOD_GT3_3 24250	150.78 10.26 0.00	144.26 9.97 -3.10	140.20 9.01 -14.20	142.66 9.71 0.00	145.71 9.66 0.00	153.47 10.04 0.00	178.92 9.81 0.00	203.78 11.90 0.00	194.40 12.55 0.00	173.89 13.03 0.00	164.57 12.19 0.00	159.04 12.46 0.00	151.95 10.28 -26.12	149.68 10.42 -23.47	148.45 9.91 -25.89	153.86 10.10 -27.66	160.86 9.70 -38.40	185.02 10.08 -59.03	196.24 11.10 -61.82	181.31 10.02 -56.10	168.19 10.23 -39.02	156.64 9.57 -34.42	148.65 9.68 -27.66	149.20 8.85 -28.27
RAVENSWOOD_GT3_4 24251	150.78 10.26 0.00	144.26 9.97 -3.10	140.20 9.01 -14.20	142.66 9.71 0.00	145.71 9.66 0.00	153.47 10.04 0.00	178.92 9.81 0.00	203.78 11.90 0.00	194.40 12.55 0.00	173.89 13.03 0.00	164.57 12.19 0.00	159.04 12.46 0.00	151.95 10.28 -26.12	149.68 10.42 -23.47	148.45 9.91 -25.89	153.86 10.10 -27.66	160.86 9.70 -38.40	185.02 10.08 -59.03	196.24 11.10 -61.82	181.31 10.02 -56.10	168.19 10.23 -39.02	156.64 9.57 -34.42	148.65 9.68 -27.66	149.20 8.85 -28.27
RAVENSWOOD_GT_1 23729	165.70 10.96 -14.22	157.03 10.63 -15.21	151.10 9.48 -24.62	154.16 10.24 -10.97	157.19 10.34 -10.80	165.15 10.76 -10.96	193.74 9.98 -14.65	221.04 12.28 -16.88	212.03 12.91 -17.27	198.71 13.83 -24.02	187.08 12.95 -21.75	188.00 13.19 -28.23	185.81 10.75 -59.51	183.54 10.88 -56.87	182.29 10.36 -59.28	188.29 10.68 -61.51	205.33 10.15 -82.41	215.46 10.43 -89.12	240.26 11.47 -105.46	209.50 10.25 -84.06	198.45 10.70 -68.80	193.74 10.14 -70.96	165.41 10.24 -43.87	152.81 9.41 -31.32
RAVENSWOOD_GT_10 24258	150.63 10.12 0.00	144.13 9.84 -3.09	139.97 8.77 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	172.87 12.87 0.85	163.78 12.04 0.63	157.64 12.31 1.25	149.92 10.05 -24.31	147.65 10.19 -21.67	146.42 9.69 -24.09	151.91 9.98 -25.83	159.35 9.59 -37.00	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	167.95 9.99 -39.02	155.88 9.46 -33.77	147.67 9.57 -26.79	149.02 8.74 -28.20
RAVENSWOOD_GT_11 24259	150.63 10.12 0.00	144.13 9.84 -3.09	139.97 8.77 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	172.87 12.87 0.85	163.78 12.04 0.63	157.64 12.31 1.25	149.92 10.05 -24.31	147.65 10.19 -21.67	146.42 9.69 -24.09	151.91 9.98 -25.83	159.35 9.59 -37.00	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	167.95 9.99 -39.02	155.88 9.46 -33.77	147.67 9.57 -26.79	149.02 8.74 -28.20
RAVENSWOOD_GT_4 24252	161.09 9.98 -10.60	153.03 9.71 -12.12	147.62 8.66 -21.97	150.44 9.31 -8.17	153.48 9.39 -8.05	161.35 9.75 -8.17	189.51 9.47 -10.93	215.99 11.51 -12.60	206.92 12.18 -12.89	179.54 12.55 -6.13	171.74 11.89 -7.47	162.48 12.17 -3.74	151.60 9.94 -26.11	149.33 10.07 -23.47	148.10 9.57 -25.89	153.51 9.75 -27.66	174.11 9.36 -51.98	207.25 9.85 -81.48	228.56 10.85 -94.39	201.83 9.68 -76.96	190.17 9.99 -61.24	174.59 9.24 -52.71	148.43 9.46 -27.67	150.21 8.52 -29.62
RAVENSWOOD_GT_5 24254	161.09 9.98 -10.60	153.03 9.71 -12.12	147.62 8.66 -21.97	150.44 9.31 -8.17	153.48 9.39 -8.05	161.35 9.75 -8.17	189.51 9.47 -10.93	215.99 11.51 -12.60	206.92 12.18 -12.89	179.54 12.55 -6.13	171.74 11.89 -7.47	162.48 12.17 -3.74	151.60 9.94 -26.11	149.33 10.07 -23.47	148.10 9.57 -25.89	153.51 9.75 -27.66	174.11 9.36 -51.98	207.25 9.85 -81.48	228.56 10.85 -94.39	201.83 9.68 -76.96	190.17 9.99 -61.24	174.59 9.24 -52.71	148.43 9.46 -27.67	150.21 8.52 -29.62
RAVENSWOOD_GT_6 24253	161.09 9.98 -10.60	153.03 9.71 -12.12	147.62 8.66 -21.97	150.44 9.31 -8.17	153.48 9.39 -8.05	161.35 9.75 -8.17	189.51 9.47 -10.93	215.99 11.51 -12.60	206.92 12.18 -12.89	179.54 12.55 -6.13	171.74 11.89 -7.47	162.48 12.17 -3.74	151.60 9.94 -26.11	149.33 10.07 -23.47	148.10 9.57 -25.89	153.51 9.75 -27.66	174.11 9.36 -51.98	207.25 9.85 -81.48	228.56 10.85 -94.39	201.83 9.68 -76.96	190.17 9.99 -61.24	174.59 9.24 -52.71	148.43 9.46 -27.67	150.21 8.52 -29.62
RAVENSWOOD_GT_7 24255	161.09 9.98 -10.60	153.03 9.71 -12.12	147.62 8.66 -21.97	150.44 9.31 -8.17	153.48 9.39 -8.05	161.35 9.75 -8.17	189.51 9.47 -10.93	215.99 11.51 -12.60	206.92 12.18 -12.89	179.54 12.55 -6.13	171.74 11.89 -7.47	162.48 12.17 -3.74	151.60 9.94 -26.11	149.33 10.07 -23.47	148.10 9.57 -25.89	153.51 9.75 -27.66	174.11 9.36 -51.98	207.25 9.85 -81.48	228.56 10.85 -94.39	201.83 9.68 -76.96	190.17 9.99 -61.24	174.59 9.24 -52.71	148.43 9.46 -27.67	150.21 8.52 -29.62
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	150.63 10.12 0.00	144.13 9.84 -3.09	139.97 8.77 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	172.87 12.87 0.85	163.78 12.04 0.63	157.64 12.31 1.25	149.92 10.05 -24.31	147.65 10.19 -21.67	146.42 9.69 -24.09	151.91 9.98 -25.83	159.35 9.59 -37.00	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	167.95 9.99 -39.02	155.88 9.46 -33.77	147.67 9.57 -26.79	149.02 8.74 -28.20

RAVENSWOOD_GT_9 24257	150.63 10.12 0.00	144.13 9.84 -3.09	139.97 8.77 -14.20	142.40 9.44 0.00	145.57 9.52 0.00	153.33 9.90 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.04 12.18 0.00	172.87 12.87 0.85	163.78 12.04 0.63	157.64 12.31 1.25	149.92 10.05 -24.31	147.65 10.19 -21.67	146.42 9.69 -24.09	151.91 9.98 -25.83	159.35 9.59 -37.00	184.79 9.85 -59.03	196.12 10.98 -61.82	181.08 9.79 -56.10	167.95 9.99 -39.02	155.88 9.46 -33.77	147.67 9.57 -26.79	149.02 8.74 -28.20
RAVENSWOOD___1 23533	151.62 11.10 -0.01	144.80 10.50 -3.10	140.67 9.47 -14.20	143.34 10.38 -0.01	146.39 10.33 -0.01	153.91 10.47 -0.01	178.74 9.63 0.00	204.17 12.29 0.00	194.77 12.91 0.00	182.05 13.34 -7.85	171.01 12.80 -5.83	171.15 13.04 -11.53	168.88 10.62 -42.71	166.62 10.77 -40.07	165.38 10.25 -42.49	171.13 10.56 -44.47	174.14 10.15 -51.22	185.25 10.31 -59.03	196.48 11.34 -61.82	181.54 10.25 -56.10	168.67 10.71 -39.02	163.06 10.02 -40.40	157.14 10.13 -35.71	150.26 9.30 -28.89
RAVENSWOOD___2 23534	151.49 10.97 -0.01	144.80 10.50 -3.10	140.67 9.47 -14.20	143.34 10.38 -0.01	146.39 10.33 -0.01	153.77 10.33 -0.01	178.74 9.63 0.00	203.98 12.10 0.00	194.77 12.91 0.00	182.02 13.34 -7.82	170.99 12.80 -5.81	171.11 13.04 -11.49	168.82 10.62 -42.65	166.56 10.77 -40.00	165.32 10.25 -42.42	171.07 10.56 -44.41	173.97 10.03 -51.17	185.25 10.31 -59.03	196.48 11.34 -61.82	181.43 10.14 -56.10	168.67 10.71 -39.02	163.04 10.02 -40.38	157.11 10.13 -35.68	150.26 9.30 -28.88
RAVENSWOOD___3 23535	150.77 10.25 0.00	144.14 9.84 -3.10	140.08 8.89 -14.20	142.54 9.58 0.00	145.71 9.66 0.00	153.04 9.61 0.00	178.40 9.29 0.00	203.59 11.71 0.00	194.04 12.19 0.00	173.41 12.55 0.00	164.41 12.03 0.00	158.89 12.31 0.00	151.84 10.17 -26.12	149.56 10.30 -23.47	148.22 9.69 -25.89	153.74 9.99 -27.66	160.74 9.58 -38.40	184.79 9.85 -59.03	196.11 10.97 -61.82	181.08 9.79 -56.10	168.06 10.10 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	149.10 8.75 -28.27
RAVENSWOOD___4 23820	137.52 10.97 13.96	132.91 10.50 8.79	130.33 9.36 -3.96	132.43 10.24 10.77	135.78 10.33 10.60	143.01 10.33 10.76	164.17 9.46 14.40	187.38 12.10 16.59	177.61 12.73 16.97	165.97 13.19 8.08	155.34 12.80 9.84	154.56 12.90 4.92	152.30 10.62 -26.12	150.04 10.77 -23.48	148.69 10.14 -25.90	154.20 10.45 -27.65	143.30 10.03 -20.50	155.68 10.31 -29.45	153.58 11.34 -18.91	153.95 10.14 -28.61	139.27 10.58 -9.75	133.00 10.02 -10.34	149.09 10.13 -27.66	147.77 9.19 -26.50
RCPI_TRUST___DRP 24196	150.49 9.98 0.00	144.00 9.71 -3.09	139.97 8.77 -14.19	142.40 9.44 0.00	145.44 9.39 0.00	153.19 9.75 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.22 12.37 0.00	173.73 12.87 0.00	164.42 12.04 0.00	158.89 12.31 0.00	151.83 10.17 -26.11	149.56 10.31 -23.47	148.33 9.80 -25.89	153.74 9.98 -27.65	160.74 9.59 -38.39	184.90 9.97 -59.02	196.11 10.98 -61.81	181.08 9.79 -56.09	168.06 10.11 -39.01	156.52 9.46 -34.42	148.54 9.57 -27.66	148.98 8.63 -28.27
RED___ROCHESTER 323720	137.29 -3.23 0.00	130.08 -1.57 -0.45	118.23 -0.81 -2.05	130.57 -2.39 0.00	132.24 -3.81 0.00	140.86 -2.58 0.00	164.37 -4.73 0.00	183.06 -8.82 0.00	174.22 -7.63 0.00	155.22 -5.63 0.00	146.28 -6.10 0.00	139.84 -6.74 0.00	115.89 -3.46 -3.80	115.95 -3.24 -3.41	110.74 -4.17 -2.26	116.12 -3.72 -3.74	111.27 -4.85 -3.35	117.10 -3.94 -5.14	129.09 -3.21 -8.97	117.44 -3.69 -5.93	117.35 -4.99 -3.40	111.36 -4.28 -3.00	109.82 -3.90 -2.41	112.37 -3.81 -4.10
REGAN___SOLAR 323812	152.89 12.37 0.00	147.05 11.67 -4.18	146.34 10.17 -19.17	145.18 12.22 0.00	148.43 12.38 0.00	156.77 13.34 0.00	184.84 15.73 0.00	209.34 17.46 0.00	197.49 15.64 0.00	173.88 13.02 0.00	164.11 11.73 0.00	157.71 11.13 0.00	161.23 9.48 -36.20	156.69 9.15 -31.76	156.57 8.90 -35.03	163.38 9.86 -37.42	174.97 10.26 -51.95	206.90 11.13 -79.86	219.29 12.33 -83.63	202.15 11.06 -75.90	182.91 11.18 -52.79	169.46 10.25 -46.57	158.19 9.46 -37.43	159.30 8.97 -38.25
RENSSELAER___COGEN 23796	146.42 5.90 0.00	140.09 5.11 -3.78	138.88 4.56 -17.33	138.41 5.45 0.00	141.22 5.17 0.00	148.45 5.02 0.00	173.68 4.57 0.00	196.86 4.98 0.00	186.57 4.72 0.00	165.68 4.82 0.00	157.40 5.02 0.00	151.57 4.99 0.00	151.62 4.28 -31.79	148.54 4.16 -28.59	148.35 4.17 -31.54	153.26 3.48 -33.69	162.46 2.93 -46.76	190.70 2.90 -71.89	201.81 3.20 -75.29	186.40 2.88 -68.32	169.31 2.85 -47.52	157.38 2.82 -41.93	148.11 3.11 -33.69	150.10 3.59 -34.43
REPUBLIC_115KV_BARTNBRK 55605	159.63 19.11 0.00	152.81 17.71 -3.90	150.45 15.56 -17.89	151.70 18.75 0.00	155.10 19.05 0.00	165.09 21.66 0.00	195.32 26.21 0.00	222.20 30.32 0.00	209.86 28.01 0.00	185.31 24.45 0.00	174.62 22.25 0.00	167.10 20.52 0.00	164.22 15.83 -32.84	160.73 15.40 -29.54	160.21 14.98 -32.59	167.27 16.37 -34.81	177.89 16.80 -48.32	207.93 17.73 -74.29	220.48 19.36 -77.80	203.07 17.28 -70.60	185.41 17.37 -49.11	171.73 15.77 -43.32	160.70 14.58 -34.82	162.00 14.35 -35.58
REVERE_CPPR_DRP 24186	148.53 8.01 0.00	138.48 7.08 -0.20	124.34 6.43 -0.90	140.40 7.45 0.00	143.53 7.48 0.00	151.75 8.32 0.00	179.59 10.48 0.00	203.97 12.09 0.00	193.31 11.46 0.00	170.51 9.65 0.00	161.22 8.84 0.00	154.79 8.21 0.00	123.43 6.24 -1.63	123.50 6.25 -1.46	120.56 6.31 -1.61	124.67 6.85 -1.72	121.81 6.65 -2.39	126.90 7.30 -3.68	135.32 8.14 -3.86	125.72 7.03 -3.50	128.15 6.78 -2.43	120.98 6.20 -2.15	118.82 5.79 -1.73	119.22 5.38 -1.76
REYNOLDS_115KV_TB3 80639	146.98 6.46 0.00	140.89 5.90 -3.78	139.73 5.38 -17.35	139.21 6.25 0.00	142.17 6.12 0.00	149.46 6.02 0.00	174.86 5.75 0.00	199.56 7.68 0.00	188.95 7.09 0.00	168.26 7.40 0.00	159.54 7.16 0.00	153.76 7.18 0.00	153.31 5.89 -31.86	150.46 6.02 -28.65	149.99 5.74 -31.61	155.78 5.92 -33.76	165.16 5.53 -46.87	193.41 5.45 -72.05	204.58 5.80 -75.46	189.08 5.41 -68.48	172.04 5.47 -47.63	159.96 5.29 -42.02	150.41 5.34 -33.77	151.63 5.04 -34.51
RIVERBAY____ 323610	152.33 11.80 -0.01	145.85 11.55 -3.10	141.73 10.53 -14.20	144.53 11.57 -0.01	147.62 11.56 -0.01	155.35 11.90 -0.01	179.42 10.32 0.00	204.54 12.66 0.00	195.13 13.28 0.00	174.84 13.99 0.01	165.47 13.10 0.01	159.76 13.19 0.01	152.41 10.75 -26.11	150.14 10.88 -23.47	148.89 10.36 -25.89	154.43 10.68 -27.65	161.30 10.15 -38.39	185.37 10.43 -59.03	196.73 11.59 -61.82	181.66 10.37 -56.10	168.90 10.94 -39.02	157.31 10.25 -34.42	149.44 10.46 -27.67	150.00 9.64 -28.28
RIVERSDE_115KV_TB3 55908	146.98 6.46 0.00	140.63 5.64 -3.79	139.54 5.15 -17.39	138.94 5.98 0.00	141.76 5.71 0.00	149.17 5.74 0.00	174.52 5.41 0.00	198.40 6.52 0.00	188.04 6.18 0.00	167.29 6.43 0.00	158.78 6.40 0.00	152.88 6.30 0.00	152.84 5.32 -31.97	149.86 5.33 -28.75	149.54 5.18 -31.71	154.73 4.76 -33.87	163.96 4.17 -47.02	192.38 4.17 -72.30	203.47 4.44 -75.71	187.93 4.03 -68.71	170.77 4.04 -47.79	158.86 4.06 -42.16	149.30 4.12 -33.88	151.07 4.37 -34.63
ROARING___BROOK_WT_PWR 323790	139.11 -1.41 0.00	129.76 -1.44 0.00	115.60 -1.40 0.00	131.63 -1.33 0.00	134.96 -1.09 0.00	142.44 -1.00 0.00	168.77 -0.34 0.00	191.50 -0.38 0.00	181.49 -0.36 0.00	159.90 -0.96 0.00	151.47 -0.91 0.00	145.70 -0.87 0.00	114.51 -1.04 0.00	114.74 -1.04 0.00	111.86 -0.78 0.00	115.05 -1.05 0.00	111.86 -0.91 0.00	114.64 -1.27 0.00	121.60 -1.73 0.00	113.69 -1.50 0.00	117.63 -1.31 0.00	111.17 -1.47 0.00	109.85 -1.45 0.00	110.85 -1.23 0.00

ROCHESRG_115KV_T4 355643	135.74 -4.78 0.00	128.62 -3.02 -0.44	116.93 -2.11 -2.04	129.10 -3.86 0.00	131.15 -4.90 0.00	138.56 -4.88 0.00	162.01 -7.10 0.00	180.94 -10.94 0.00	172.03 -9.82 0.00	152.01 -8.85 0.00	144.30 -8.08 0.00	137.78 -8.79 0.00	114.24 -5.08 -3.78	114.20 -4.98 -3.39	109.27 -5.63 -2.26	114.60 -5.22 -3.72	109.80 -6.31 -3.34	115.36 -5.68 -5.13	127.18 -5.06 -8.92	115.70 -5.41 -5.91	115.68 -6.66 -3.40	109.90 -5.74 -3.00	108.38 -5.34 -2.41	111.11 -5.04 -4.08
ROCHESTER_9_IC 23652	136.58 -3.93 0.00	129.41 -2.23 -0.45	117.64 -1.40 -2.05	129.90 -3.06 0.00	131.97 -4.08 0.00	139.42 -4.02 0.00	163.02 -6.09 0.00	182.09 -9.79 0.00	173.31 -8.55 0.00	153.14 -7.72 0.00	145.37 -7.01 0.00	138.96 -7.62 0.00	115.08 -4.28 -3.80	115.14 -4.05 -3.41	110.06 -4.84 -2.26	115.43 -4.41 -3.74	110.59 -5.53 -3.35	116.29 -4.75 -5.13	128.23 -4.07 -8.97	116.63 -4.49 -5.93	116.51 -5.83 -3.40	110.58 -5.07 -3.00	109.16 -4.56 -2.41	111.81 -4.37 -4.10
ROCKVIEW_13_KV_LD 356306	150.35 9.84 0.00	143.87 9.58 -3.10	139.85 8.66 -14.20	142.26 9.31 0.00	145.30 9.25 0.00	153.19 9.75 0.00	178.92 9.81 0.00	203.78 11.90 0.00	194.22 12.37 0.00	173.73 12.87 0.00	164.57 12.19 0.00	159.04 12.46 0.00	151.84 10.17 -26.11	149.57 10.31 -23.47	148.34 9.80 -25.89	153.85 10.10 -27.66	160.86 9.70 -38.39	184.91 9.97 -59.03	196.24 11.10 -61.81	181.31 10.02 -56.10	168.19 10.23 -39.02	156.53 9.46 -34.42	148.54 9.57 -27.66	148.87 8.52 -28.27
ROME____115KV_TB2 80656	148.53 8.01 0.00	138.48 7.08 -0.20	124.34 6.43 -0.90	140.40 7.45 0.00	143.53 7.48 0.00	151.75 8.32 0.00	179.59 10.48 0.00	203.97 12.09 0.00	193.31 11.46 0.00	170.51 9.65 0.00	161.22 8.84 0.00	154.79 8.21 0.00	123.43 6.24 -1.63	123.50 6.25 -1.46	120.56 6.31 -1.61	124.67 6.85 -1.72	121.81 6.65 -2.39	126.90 7.30 -3.68	135.32 8.14 -3.86	125.72 7.03 -3.50	128.15 6.78 -2.43	120.98 6.20 -2.15	118.82 5.79 -1.73	119.22 5.38 -1.76
ROSETON___1 23587	148.38 7.86 0.00	142.03 7.74 -3.09	138.21 7.02 -14.19	140.67 7.71 0.00	143.66 7.61 0.00	151.03 7.60 0.00	176.54 7.43 0.00	201.09 9.21 0.00	191.30 9.45 0.00	170.51 9.65 0.00	161.67 9.30 0.00	155.97 9.39 0.00	149.52 7.86 -26.10	147.13 7.88 -23.46	146.07 7.55 -25.88	151.52 7.78 -27.64	158.70 7.56 -38.38	182.80 7.89 -59.00	193.87 8.76 -61.79	179.10 7.84 -56.07	165.91 7.97 -39.00	154.48 7.43 -34.41	146.41 7.46 -27.65	147.06 6.72 -28.26
ROSETON___2 23588	148.38 7.86 0.00	142.03 7.74 -3.09	138.21 7.02 -14.19	140.67 7.71 0.00	143.66 7.61 0.00	151.03 7.60 0.00	176.54 7.43 0.00	201.09 9.21 0.00	191.30 9.45 0.00	170.51 9.65 0.00	161.67 9.30 0.00	155.97 9.39 0.00	149.52 7.86 -26.10	147.13 7.88 -23.46	146.07 7.55 -25.88	151.52 7.78 -27.64	158.70 7.56 -38.38	182.80 7.89 -59.00	193.87 8.76 -61.79	179.10 7.84 -56.07	165.91 7.97 -39.00	154.48 7.43 -34.41	146.41 7.46 -27.65	147.06 6.72 -28.26
ROTTDAM_115KV_TB3 80664	146.56 6.04 0.00	141.05 5.90 -3.94	140.47 5.38 -18.09	139.21 6.25 0.00	142.17 6.12 0.00	149.74 6.31 0.00	175.87 6.76 0.00	199.17 7.29 0.00	188.76 6.91 0.00	167.45 6.60 0.00	158.62 6.25 0.00	152.59 6.01 0.00	153.83 4.97 -33.31	150.74 4.98 -29.97	150.43 4.73 -33.06	156.52 5.11 -35.31	166.86 5.07 -49.02	196.72 5.45 -75.36	208.17 5.92 -78.92	192.23 5.41 -71.62	174.23 5.47 -49.82	161.77 5.18 -43.95	151.63 5.01 -35.32	152.77 4.60 -36.10
RUSSELL___1 23602	137.29 -3.23 0.00	130.07 -1.57 -0.45	118.23 -0.82 -2.05	130.70 -2.26 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	163.87 -5.24 0.00	183.05 -8.83 0.00	174.22 -7.64 0.00	153.94 -6.92 0.00	146.28 -6.10 0.00	139.69 -6.89 0.00	115.89 -3.47 -3.80	115.84 -3.36 -3.41	110.74 -4.17 -2.26	116.13 -3.72 -3.74	111.26 -4.85 -3.35	117.11 -3.94 -5.14	129.09 -3.21 -8.97	117.44 -3.69 -5.93	117.23 -5.11 -3.40	111.25 -4.39 -3.00	109.82 -3.90 -2.41	112.37 -3.81 -4.10
RUSSELL___2 23532	137.29 -3.23 0.00	130.07 -1.57 -0.45	118.23 -0.82 -2.05	130.70 -2.26 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	163.87 -5.24 0.00	183.05 -8.83 0.00	174.22 -7.64 0.00	153.94 -6.92 0.00	146.28 -6.10 0.00	139.69 -6.89 0.00	115.89 -3.47 -3.80	115.84 -3.36 -3.41	110.74 -4.17 -2.26	116.13 -3.72 -3.74	111.26 -4.85 -3.35	117.11 -3.94 -5.14	129.09 -3.21 -8.97	117.44 -3.69 -5.93	117.23 -5.11 -3.40	111.25 -4.39 -3.00	109.82 -3.90 -2.41	112.37 -3.81 -4.10
RUSSELL___3 23549	137.29 -3.23 0.00	130.07 -1.57 -0.45	118.23 -0.82 -2.05	130.70 -2.26 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	163.87 -5.24 0.00	183.05 -8.83 0.00	174.22 -7.64 0.00	153.94 -6.92 0.00	146.28 -6.10 0.00	139.69 -6.89 0.00	115.89 -3.47 -3.80	115.84 -3.36 -3.41	110.74 -4.17 -2.26	116.13 -3.72 -3.74	111.26 -4.85 -3.35	117.11 -3.94 -5.14	129.09 -3.21 -8.97	117.44 -3.69 -5.93	117.23 -5.11 -3.40	111.25 -4.39 -3.00	109.82 -3.90 -2.41	112.37 -3.81 -4.10
RUSSELL___4 23556	137.29 -3.23 0.00	130.07 -1.57 -0.45	118.23 -0.82 -2.05	130.70 -2.26 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	163.87 -5.24 0.00	183.05 -8.83 0.00	174.22 -7.64 0.00	153.94 -6.92 0.00	146.28 -6.10 0.00	139.69 -6.89 0.00	115.89 -3.47 -3.80	115.84 -3.36 -3.41	110.74 -4.17 -2.26	116.13 -3.72 -3.74	111.26 -4.85 -3.35	117.11 -3.94 -5.14	129.09 -3.21 -8.97	117.44 -3.69 -5.93	117.23 -5.11 -3.40	111.25 -4.39 -3.00	109.82 -3.90 -2.41	112.37 -3.81 -4.10
RUSSELL___STATION 23914	137.29 -3.23 0.00	130.07 -1.57 -0.45	118.23 -0.82 -2.05	130.70 -2.26 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	163.87 -5.24 0.00	183.05 -8.83 0.00	174.22 -7.64 0.00	153.94 -6.92 0.00	146.28 -6.10 0.00	139.69 -6.89 0.00	115.89 -3.47 -3.80	115.84 -3.36 -3.41	110.74 -4.17 -2.26	116.13 -3.72 -3.74	111.26 -4.85 -3.35	117.11 -3.94 -5.14	129.09 -3.21 -8.97	117.44 -3.69 -5.93	117.23 -5.11 -3.40	111.25 -4.39 -3.00	109.82 -3.90 -2.41	112.37 -3.81 -4.10
S SALMON___HYD 24043	142.76 2.24 0.00	133.46 1.97 -0.29	120.30 1.99 -1.32	135.08 2.12 0.00	137.81 1.76 0.00	144.87 1.43 0.00	170.80 1.69 0.00	201.28 9.40 0.00	190.40 8.55 0.00	167.61 6.75 0.00	158.78 6.40 0.00	152.88 6.30 0.00	123.87 6.24 -2.09	124.14 6.48 -1.87	121.24 6.53 -2.06	125.62 7.32 -2.20	123.15 7.33 -3.06	128.26 7.65 -4.70	136.39 8.14 -4.92	126.81 7.14 -4.47	128.71 6.66 -3.11	121.80 6.42 -2.74	119.51 6.01 -2.20	119.82 5.49 -2.25
S.PERRY__115KV_TB1 80734	143.33 2.81 0.00	134.29 2.49 -0.60	122.77 3.04 -2.73	136.41 3.46 0.00	138.36 2.31 0.00	146.73 3.30 0.00	172.32 3.21 0.00	186.70 -5.18 0.00	176.94 -4.91 0.00	155.55 -5.31 0.00	147.04 -5.33 0.00	139.98 -6.60 0.00	116.34 -4.28 -5.06	116.05 -4.28 -4.54	109.03 -4.84 -1.23	119.95 -0.81 -4.67	113.33 -1.24 -1.80	118.54 -0.12 -2.75	136.27 0.99 -11.96	120.47 0.00 -5.28	119.58 -1.19 -1.83	113.26 -1.01 -1.63	111.73 -0.89 -1.31	116.32 -1.23 -5.47
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	135.04 -5.48 0.00	125.85 -5.90 -0.56	115.45 -4.09 -2.55	128.84 -4.12 0.00	130.47 -5.58 0.00	137.70 -5.74 0.00	159.13 -9.98 0.00	176.15 -15.73 0.00	167.31 -14.55 0.00	147.99 -12.87 0.00	140.34 -12.04 0.00	133.83 -12.75 0.00	109.99 -10.28 -4.72	110.07 -9.96 -4.23	104.12 -10.70 -2.17	110.07 -10.56 -4.54	104.70 -11.28 -3.21	109.58 -11.24 -4.91	123.50 -10.98 -11.15	110.57 -11.06 -6.43	110.07 -12.13 -3.26	104.94 -10.59 -2.88	103.72 -9.91 -2.32	107.88 -9.30 -5.10

SAWYER___23_KV_LOAD 55526	135.04 -5.48 0.00	125.85 -5.90 -0.56	115.45 -4.09 -2.55	128.84 -4.12 0.00	130.47 -5.58 0.00	137.70 -5.74 0.00	159.13 -9.98 0.00	176.15 -15.73 0.00	167.31 -14.55 0.00	147.99 -12.87 0.00	140.34 -12.04 0.00	133.83 -12.75 0.00	109.99 -10.28 -4.72	110.07 -9.96 -4.23	104.12 -10.70 -2.17	110.07 -10.56 -4.54	104.70 -11.28 -3.21	109.58 -11.24 -4.91	123.50 -10.98 -11.15	110.57 -11.06 -6.43	110.07 -12.13 -3.26	104.94 -10.59 -2.88	103.72 -9.91 -2.32	107.88 -9.30 -5.10
SELKIRK___I 23801	146.98 6.47 0.00	140.69 5.77 -3.73	139.23 5.14 -17.09	139.21 6.25 0.00	142.18 6.13 0.00	149.32 5.88 0.00	174.86 5.75 0.00	198.20 6.32 0.00	187.67 5.82 0.00	166.48 5.63 0.00	158.02 5.64 0.00	152.15 5.57 0.00	151.45 4.50 -31.40	148.53 4.51 -28.23	148.17 4.39 -31.14	153.66 4.30 -33.26	163.00 4.05 -46.18	190.96 4.05 -70.99	202.10 4.43 -74.34	186.69 4.03 -67.46	170.03 4.16 -46.93	158.09 4.05 -41.40	148.69 4.12 -33.27	150.44 4.37 -34.00
SELKIRK___II 23799	146.14 5.63 0.00	140.07 5.11 -3.76	138.81 4.56 -17.26	138.41 5.45 0.00	141.35 5.30 0.00	148.45 5.02 0.00	173.84 4.73 0.00	197.25 5.37 0.00	187.13 5.28 0.00	166.16 5.30 0.00	157.71 5.33 0.00	151.85 5.27 0.00	151.64 4.39 -31.69	148.69 4.40 -28.50	148.36 4.28 -31.44	153.62 3.95 -33.58	162.99 3.61 -46.61	191.17 3.60 -71.66	202.32 3.95 -75.05	186.88 3.57 -68.11	169.88 3.56 -47.37	157.93 3.50 -41.79	148.56 3.67 -33.59	150.21 3.81 -34.32
SENECA OSWGO___HYD 24041	141.51 0.99 0.00	132.32 0.79 -0.33	119.56 1.05 -1.51	133.89 0.94 0.00	136.46 0.41 0.00	143.43 0.00 0.00	168.77 -0.34 0.00	192.65 0.77 0.00	182.40 0.55 0.00	161.50 0.65 0.00	152.84 0.46 0.00	146.87 0.29 0.00	119.85 1.62 -2.68	119.93 1.74 -2.40	116.75 1.46 -2.65	120.90 1.97 -2.83	118.39 1.69 -3.93	124.04 2.09 -6.04	132.36 2.71 -6.32	123.12 2.18 -5.74	124.47 1.54 -3.99	117.74 1.58 -3.52	115.25 1.11 -2.83	115.76 0.79 -2.89
SENECA___115KV_TB3 355854	137.57 -2.95 0.00	126.66 -5.12 -0.58	116.14 -3.51 -2.65	131.23 -1.73 0.00	132.92 -3.13 0.00	140.13 -3.30 0.00	162.34 -6.76 0.00	180.18 -11.70 0.00	170.94 -10.91 0.00	151.21 -9.65 0.00	143.39 -8.99 0.00	136.76 -9.82 0.00	111.09 -9.36 -4.90	111.04 -9.15 -4.40	105.00 -9.80 -2.16	111.04 -9.75 -4.69	105.91 -3.18 -3.18	110.59 -4.87 -4.87	124.91 -9.99 -11.58	111.59 -10.14 -6.53	111.35 -10.82 -3.23	105.81 -9.69 -2.86	104.48 -9.13 -2.30	108.63 -8.74 -5.29
SENECA___ENERGY 23797	138.69 -1.83 0.00	129.83 -1.84 -0.46	117.84 -1.28 -2.13	131.50 -1.46 0.00	134.01 -2.04 0.00	142.28 -1.15 0.00	167.09 -2.02 0.00	188.43 -3.45 0.00	178.39 -3.46 0.00	158.12 -2.74 0.00	149.33 -3.05 0.00	142.92 -3.66 0.00	117.12 -2.43 -4.00	116.94 -2.44 -3.59	113.25 -2.81 -3.42	117.79 -2.44 -4.13	115.13 -2.71 -5.07	121.50 -2.21 -7.80	131.17 -1.61 -9.45	120.91 -2.07 -7.79	121.24 -2.86 -5.16	114.49 -2.70 -4.55	112.07 -2.89 -3.66	113.38 -3.02 -4.32
SHOEMAKER___GT 23640	147.54 7.02 0.00	140.85 6.82 -2.83	136.29 6.31 -12.98	139.73 6.78 0.00	142.85 6.80 0.00	150.03 6.60 0.00	175.70 6.59 0.00	199.94 8.06 0.00	189.85 7.99 0.00	169.06 8.20 0.00	160.30 7.92 0.00	154.49 7.91 0.00	146.01 6.58 -23.88	143.96 6.71 -21.46	142.73 6.42 -23.67	148.11 6.73 -25.29	154.41 6.54 -35.10	176.71 6.84 -53.96	187.49 7.65 -56.51	173.27 6.79 -51.29	161.51 6.90 -35.67	150.64 6.53 -31.47	143.05 6.45 -25.29	143.75 5.82 -25.85
SHOEMAKR_138KV_BK 111 55601	147.40 6.89 0.00	140.70 6.69 -2.81	136.21 6.32 -12.89	139.61 6.65 0.00	142.72 6.67 0.00	150.17 6.74 0.00	175.87 6.76 0.00	199.75 7.87 0.00	189.85 8.00 0.00	169.38 8.53 0.00	160.30 7.92 0.00	154.64 8.06 0.00	145.86 6.59 -23.72	143.82 6.72 -21.32	142.58 6.42 -23.51	147.95 6.73 -25.12	154.17 6.54 -34.87	176.35 6.84 -53.60	187.11 7.65 -56.14	172.93 6.80 -50.94	161.27 6.90 -35.43	150.44 6.53 -31.26	142.88 6.46 -25.12	143.47 5.72 -25.67
SHOREHAM_IC_1 23715	154.43 13.91 0.00	147.41 13.12 -3.09	144.77 12.28 -15.49	146.65 13.70 0.00	149.39 13.34 0.00	154.48 11.05 0.00	179.94 10.83 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	166.86 14.48 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.95 12.61 -28.69	158.25 13.12 -29.04	163.33 12.18 -38.38	197.11 12.98 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.82 12.35 -30.16	151.78 11.44 -28.26
SHOREHAM_IC_2 23716	154.43 13.91 0.00	147.41 13.12 -3.09	144.77 12.28 -15.49	146.65 13.70 0.00	149.39 13.34 0.00	154.48 11.05 0.00	179.94 10.83 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	166.86 14.48 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.95 12.61 -28.69	158.25 13.12 -29.04	163.33 12.18 -38.38	197.11 12.98 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.82 12.35 -30.16	151.78 11.44 -28.26
SISSONVILLE____ 23735	135.88 -4.64 0.00	126.53 -4.72 -0.05	112.79 -4.45 -0.24	129.77 -3.19 0.00	133.87 -2.18 0.00	140.42 -3.01 0.00	168.77 -0.34 0.00	190.35 -1.54 0.00	181.31 -0.55 0.00	157.64 -3.22 0.00	149.79 -2.59 0.00	144.38 -2.20 0.00	112.90 -2.66 0.00	113.13 -2.66 0.00	111.74 -0.90 0.00	114.01 -2.09 0.00	111.19 -1.58 0.00	112.32 -3.59 0.00	118.14 -5.18 0.00	111.97 -3.23 0.00	117.16 -1.78 0.00	111.29 -1.35 0.00	110.08 -1.22 0.00	111.29 -0.78 0.00
SITHE_IND_GS1 24169	135.32 -5.20 0.00	126.86 -4.60 -0.25	114.18 -3.98 -1.16	128.18 -4.78 0.00	130.88 -5.17 0.00	138.28 -5.16 0.00	162.51 -6.60 0.00	183.63 -8.25 0.00	174.22 -7.63 0.00	154.42 -6.44 0.00	146.12 -6.25 0.00	140.28 -6.30 0.00	113.20 -4.51 -2.15	113.32 -4.40 -1.93	110.15 -4.62 -2.13	113.84 -4.53 -2.27	111.29 -4.63 -3.15	116.24 -4.52 -4.85	123.97 -4.43 -5.08	115.43 -4.38 -4.61	117.26 -4.88 -3.21	110.96 -4.51 -2.83	109.12 -4.46 -2.27	109.80 -4.60 -2.32
SITHE_IND_GS2 24170	135.32 -5.20 0.00	126.86 -4.60 -0.25	114.18 -3.98 -1.16	128.18 -4.78 0.00	130.88 -5.17 0.00	138.28 -5.16 0.00	162.51 -6.60 0.00	183.63 -8.25 0.00	174.22 -7.63 0.00	154.42 -6.44 0.00	146.12 -6.25 0.00	140.28 -6.30 0.00	113.20 -4.51 -2.15	113.32 -4.40 -1.93	110.15 -4.62 -2.13	113.84 -4.53 -2.27	111.29 -4.63 -3.15	116.24 -4.52 -4.85	123.97 -4.43 -5.08	115.43 -4.38 -4.61	117.26 -4.88 -3.21	110.96 -4.51 -2.83	109.12 -4.46 -2.27	109.80 -4.60 -2.32
SITHE_IND_GS3 24171	135.32 -5.20 0.00	126.86 -4.60 -0.25	114.18 -3.98 -1.16	128.18 -4.78 0.00	130.88 -5.17 0.00	138.28 -5.16 0.00	162.51 -6.60 0.00	183.63 -8.25 0.00	174.22 -7.63 0.00	154.42 -6.44 0.00	146.12 -6.25 0.00	140.28 -6.30 0.00	113.20 -4.51 -2.15	113.32 -4.40 -1.93	110.15 -4.62 -2.13	113.84 -4.53 -2.27	111.29 -4.63 -3.15	116.24 -4.52 -4.85	123.97 -4.43 -5.08	115.43 -4.38 -4.61	117.26 -4.88 -3.21	110.96 -4.51 -2.83	109.12 -4.46 -2.27	109.80 -4.60 -2.32
SITHE_IND_GS4 24172	135.32 -5.20 0.00	126.86 -4.60 -0.25	114.18 -3.98 -1.16	128.18 -4.78 0.00	130.88 -5.17 0.00	138.28 -5.16 0.00	162.51 -6.60 0.00	183.63 -8.25 0.00	174.22 -7.63 0.00	154.42 -6.44 0.00	146.12 -6.25 0.00	140.28 -6.30 0.00	113.20 -4.51 -2.15	113.32 -4.40 -1.93	110.15 -4.62 -2.13	113.84 -4.53 -2.27	111.29 -4.63 -3.15	116.24 -4.52 -4.85	123.97 -4.43 -5.08	115.43 -4.38 -4.61	117.26 -4.88 -3.21	110.96 -4.51 -2.83	109.12 -4.46 -2.27	109.80 -4.60 -2.32

SITHE___BATAVIA 24024	136.86 -3.65 0.00	128.81 -2.89 -0.50	117.67 -1.64 -2.31	130.70 -2.26 0.00	131.83 -4.22 0.00	141.13 -2.30 0.00	163.53 -5.58 0.00	180.95 -10.93 0.00	172.21 -9.64 0.00	153.46 -7.40 0.00	144.15 -8.23 0.00	137.19 -9.38 0.00	113.36 -6.47 -4.27	113.37 -6.25 -3.83	107.65 -7.21 -2.22	113.51 -6.74 -4.15	108.96 -7.10 -3.29	114.60 -6.38 -5.06	126.88 -6.54 -10.09	114.60 -6.80 -6.20	114.56 -7.73 -3.35	109.40 -6.20 -2.95	108.23 -5.45 -2.37	110.64 -6.05 -4.62
SITHE___INDEPEND 23800	135.32 -5.20 0.00	126.86 -4.59 -0.25	114.18 -3.98 -1.16	128.17 -4.79 0.00	130.88 -5.17 0.00	138.13 -5.31 0.00	162.34 -6.76 0.00	183.63 -8.25 0.00	174.22 -7.64 0.00	154.10 -6.76 0.00	146.13 -6.25 0.00	140.28 -6.30 0.00	113.20 -4.51 -2.15	113.20 -4.52 -1.93	110.15 -4.62 -2.13	113.84 -4.53 -2.27	111.30 -4.62 -3.15	116.24 -4.52 -4.85	123.96 -4.44 -5.08	115.43 -4.38 -4.61	117.27 -4.88 -3.21	110.96 -4.51 -2.83	109.13 -4.45 -2.27	109.81 -4.60 -2.32
SITHE___MASSENA 23902	136.02 -4.50 0.00	126.60 -4.60 0.00	112.67 -4.33 0.00	129.64 -3.32 0.00	133.87 -2.18 0.00	141.29 -2.15 0.00	169.45 0.34 0.00	191.50 -0.38 0.00	182.22 0.36 0.00	158.76 -2.10 0.00	150.56 -1.82 0.00	144.83 -1.75 0.00	112.55 -3.01 0.00	112.55 -3.24 0.00	111.06 -1.58 0.00	113.43 -2.67 0.00	110.85 -1.92 0.00	112.55 -3.37 0.00	118.64 -4.69 0.00	112.32 -2.88 0.00	117.03 -1.91 0.00	110.73 -1.92 0.00	109.52 -1.79 0.00	110.85 -1.23 0.00
SITHE___OGDNSBRG 24021	137.99 -2.53 0.00	128.18 -3.02 0.00	114.07 -2.92 0.00	131.49 -1.46 0.00	135.78 -0.27 0.00	143.15 -0.29 0.00	172.49 3.38 0.00	194.76 2.88 0.00	185.13 3.27 0.00	160.86 0.00 0.00	152.38 0.00 0.00	146.43 -0.15 0.00	113.94 -1.62 0.00	114.05 -1.74 0.00	112.75 0.11 0.00	115.05 -1.04 0.00	112.65 -0.11 0.00	114.40 -1.51 0.00	120.36 -2.96 0.00	114.04 -1.15 0.00	118.94 0.00 0.00	112.64 0.00 0.00	111.30 0.00 0.00	112.64 0.56 0.00
SITHE___STERLING 23777	146.56 6.04 0.00	136.67 5.25 -0.22	122.92 4.91 -1.01	138.67 5.71 0.00	141.63 5.58 0.00	149.89 6.46 0.00	176.89 7.78 0.00	200.71 8.83 0.00	190.04 8.19 0.00	168.10 7.25 0.00	158.78 6.40 0.00	152.45 5.87 0.00	121.89 4.50 -1.84	122.07 4.64 -1.65	118.97 4.51 -1.82	123.03 4.99 -1.94	120.20 4.74 -2.70	125.28 5.22 -4.15	133.59 5.92 -4.34	124.20 5.06 -3.94	126.44 4.76 -2.74	119.34 4.28 -2.42	117.25 4.00 -1.94	117.76 3.69 -1.99
SLEIGHT__34_KV_TB1 80719	137.43 -3.09 0.00	129.54 -2.10 -0.44	117.71 -1.29 -2.00	130.56 -2.39 0.00	132.78 -3.27 0.00	140.42 -3.01 0.00	164.88 -4.23 0.00	185.55 -6.33 0.00	176.22 -5.64 0.00	155.71 -5.15 0.00	147.81 -4.57 0.00	141.30 -5.28 0.00	116.40 -2.89 -3.73	116.36 -2.78 -3.35	112.15 -3.38 -2.89	116.99 -2.90 -3.80	113.21 -3.83 -4.28	119.24 -3.25 -6.57	129.68 -2.47 -8.82	119.13 -2.88 -6.81	119.24 -4.04 -4.35	112.99 -3.49 -3.84	110.94 -3.45 -3.08	112.64 -3.47 -4.03
SOUTH CAIRO___GT 23612	153.16 12.65 0.00	143.86 9.05 -3.61	142.10 8.54 -16.56	144.66 11.70 0.00	147.75 11.70 0.00	155.34 11.90 0.00	182.30 13.19 0.00	206.27 14.39 0.00	194.58 12.73 0.00	171.79 10.94 0.00	162.28 9.90 0.00	155.81 9.23 0.00	152.44 6.47 -30.41	149.50 6.37 -27.35	149.23 6.42 -30.16	154.70 6.39 -32.22	164.15 6.65 -44.73	191.98 7.30 -68.76	203.35 8.02 -72.01	187.34 6.80 -65.35	171.41 7.02 -45.45	159.16 6.42 -40.10	149.76 6.23 -32.23	152.07 7.06 -32.93
SOUTH HAMPTN___IC 23720	156.53 16.01 0.00	149.24 14.95 -3.09	146.40 13.92 -15.49	148.64 15.68 0.00	151.28 15.23 0.00	156.77 13.34 0.00	182.46 13.36 0.00	208.95 17.07 0.00	199.31 17.46 0.00	178.39 17.54 0.00	169.44 17.06 0.00	164.31 17.73 0.00	156.98 14.56 -26.87	155.50 14.82 -24.88	155.53 14.19 -28.69	159.88 14.75 -29.04	165.02 13.87 -38.38	198.86 14.72 -68.22	212.45 16.28 -72.85	196.46 14.63 -66.64	172.57 14.63 -39.01	160.57 13.51 -34.41	155.32 13.91 -30.10	153.22 12.88 -28.26
SOUTHDOW_115KV_TB1 355954	144.17 3.65 0.00	130.77 -1.05 -0.62	120.18 0.35 -2.83	137.61 4.65 0.00	139.31 3.27 0.00	147.31 3.87 0.00	171.31 2.20 0.00	191.30 -0.58 0.00	181.31 -0.55 0.00	160.70 -0.16 0.00	152.07 -0.30 0.00	144.97 -1.61 0.00	115.94 -4.85 -5.24	115.62 -4.86 -4.70	109.29 -5.41 -2.05	115.61 -5.46 -4.97	110.27 -5.53 -3.03	114.63 -5.91 -4.63	130.64 -5.06 -12.37	116.16 -5.64 -6.61	115.95 -6.07 -3.07	109.39 -5.97 -2.72	107.71 -5.79 -2.19	112.35 -5.38 -5.66
SOUTHOLD_69_KV_BK 2 55809	158.36 17.85 0.00	151.74 17.45 -3.09	148.63 16.15 -15.49	150.37 17.42 0.00	153.06 17.01 0.00	161.08 17.64 0.00	188.72 19.62 0.00	212.60 20.72 0.00	203.31 21.46 0.00	182.41 21.55 0.00	172.64 20.27 0.00	167.39 20.81 0.00	159.29 16.87 -26.87	157.81 17.13 -24.88	157.78 16.45 -28.69	162.32 17.18 -29.04	167.39 16.24 -38.38	201.75 17.62 -68.22	215.53 19.36 -72.85	199.11 17.28 -66.64	175.19 17.25 -39.01	162.94 15.88 -34.41	157.54 16.14 -30.10	155.36 15.02 -28.26
SOUTHOLD___IC 23719	159.35 18.84 0.00	151.61 17.32 -3.09	148.64 16.15 -15.49	151.17 18.22 0.00	154.01 17.96 0.00	159.64 16.20 0.00	186.18 17.07 0.00	213.18 21.30 0.00	203.30 21.45 0.00	181.92 21.07 0.00	172.65 20.27 0.00	167.38 20.81 0.00	159.29 16.87 -26.87	157.81 17.13 -24.88	157.78 16.45 -28.69	162.31 17.18 -29.04	167.39 16.24 -38.38	201.41 17.27 -68.22	215.40 19.23 -72.85	199.11 17.27 -66.64	175.19 17.24 -39.01	162.94 15.89 -34.41	157.54 16.13 -30.10	155.36 15.02 -28.26
SOUTH_FORK_WT_PWR 323839	159.62 19.11 0.00	152.00 17.70 -3.09	148.86 16.38 -15.49	151.57 18.61 0.00	154.29 18.24 0.00	159.92 16.49 0.00	186.53 17.42 0.00	213.56 21.68 0.00	203.67 21.81 0.00	182.25 21.40 0.00	172.94 20.56 0.00	167.69 21.11 0.00	159.52 17.10 -26.87	158.04 17.36 -24.88	158.00 16.67 -28.69	162.54 17.41 -29.04	167.61 16.46 -38.38	201.64 17.50 -68.22	215.65 19.48 -72.85	199.34 17.50 -66.64	175.44 17.49 -39.01	163.16 16.11 -34.41	157.77 16.37 -30.10	155.70 15.36 -28.26
SPIERFLS_115KV_TB 1 80737	153.02 12.51 0.00	146.91 11.81 -3.91	145.32 10.41 -17.91	145.46 12.50 0.00	148.57 12.52 0.00	158.21 14.77 0.00	186.53 17.42 0.00	211.84 19.96 0.00	200.40 18.55 0.00	177.42 16.57 0.00	167.16 14.78 0.00	160.21 13.63 0.00	159.17 10.75 -32.87	155.78 10.42 -29.57	155.40 10.14 -32.62	161.85 10.91 -34.84	172.18 11.05 -48.36	201.97 11.71 -74.36	213.89 12.70 -77.87	197.26 11.40 -70.66	179.63 11.54 -49.15	166.82 10.81 -43.36	156.28 10.13 -34.85	157.55 9.86 -35.61
ST LAWRENCE____ 23600	136.58 -3.93 0.00	127.13 -4.07 0.00	113.14 -3.86 0.00	129.10 -3.86 0.00	132.78 -3.27 0.00	140.14 -3.29 0.00	167.25 -1.86 0.00	189.77 -2.11 0.00	180.03 -1.82 0.00	157.80 -3.06 0.00	149.48 -2.90 0.00	143.79 -2.79 0.00	112.55 -3.01 0.00	112.67 -3.12 0.00	110.16 -2.48 0.00	113.08 -3.02 0.00	110.29 -2.48 0.00	112.79 -3.12 0.00	119.26 -4.07 0.00	111.97 -3.22 0.00	116.08 -2.86 0.00	109.94 -2.70 0.00	108.63 -2.67 0.00	109.95 -2.13 0.00
STATE_CA_115KV_115_LB 55624	147.26 6.74 0.00	140.79 5.77 -3.82	139.65 5.15 -17.51	139.07 6.12 0.00	141.90 5.85 0.00	149.31 5.88 0.00	174.86 5.75 0.00	198.40 6.52 0.00	188.22 6.36 0.00	167.29 6.43 0.00	158.78 6.40 0.00	153.03 6.45 0.00	153.03 5.32 -32.16	150.04 5.33 -28.92	149.73 5.18 -31.90	154.82 4.64 -34.08	164.13 4.06 -47.31	192.70 4.06 -72.73	203.81 4.32 -76.17	188.23 3.92 -69.12	170.94 3.93 -48.08	158.89 3.83 -42.41	149.40 4.01 -34.08	151.28 4.37 -34.83

STATE_ST_34_KV_LOAD 55959	140.52 0.00 0.00	131.52 -0.13 -0.46	119.33 0.23 -2.10	133.09 0.13 0.00	135.64 -0.41 0.00	143.43 0.00 0.00	168.77 -0.34 0.00	191.30 -0.58 0.00	181.31 -0.55 0.00	160.21 -0.64 0.00	151.77 -0.61 0.00	145.41 -1.17 0.00	118.94 -0.58 -3.96	118.88 -0.46 -3.55	116.70 -0.79 -4.84	120.10 -0.35 -4.35	119.39 -0.56 -7.19	126.85 -0.12 -11.06	133.17 0.49 -9.36	125.05 0.00 -9.86	125.77 -0.48 -7.31	118.52 -0.56 -6.44	115.70 -0.78 -5.18	115.24 -1.12 -4.28
STATION_5_MISC_HYD 23604	136.44 -4.08 0.00	129.41 -2.23 -0.45	117.65 -1.40 -2.05	129.90 -3.05 0.00	131.69 -4.36 0.00	140.28 -3.16 0.00	163.53 -5.58 0.00	182.10 -9.78 0.00	173.31 -8.54 0.00	154.25 -6.60 0.00	145.37 -7.01 0.00	138.95 -7.63 0.00	115.20 -4.16 -3.80	115.14 -4.06 -3.41	110.06 -4.84 -2.26	115.43 -4.41 -3.74	110.59 -5.52 -3.35	116.29 -4.76 -5.13	128.23 -4.07 -8.97	116.63 -4.49 -5.93	116.51 -5.83 -3.40	110.69 -4.95 -3.00	109.15 -4.57 -2.41	111.81 -4.37 -4.10
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	138.69 -1.83 0.00	130.73 -0.92 -0.45	118.81 -0.23 -2.04	131.89 -1.06 0.00	134.14 -1.90 0.00	141.86 -1.58 0.00	166.74 -2.37 0.00	187.27 -4.61 0.00	177.85 -4.00 0.00	157.00 -3.86 0.00	149.02 -3.35 0.00	142.47 -4.10 0.00	117.17 -2.20 -3.81	117.12 -2.08 -3.42	112.22 -2.70 -2.29	117.65 -2.21 -3.76	113.10 -3.04 -3.38	118.78 -2.32 -5.19	130.73 -1.60 -9.01	119.10 -2.07 -5.98	119.16 -3.21 -3.44	112.86 -2.82 -3.04	111.07 -2.67 -2.44	113.51 -2.69 -4.12
STA_56_34_KV_BUS2_REV_LBMP_B 345033	135.88 -4.64 0.00	128.62 -3.02 -0.44	116.92 -2.11 -2.03	129.23 -3.72 0.00	131.29 -4.76 0.00	138.70 -4.73 0.00	162.51 -6.60 0.00	181.71 -10.17 0.00	172.94 -8.91 0.00	152.65 -8.20 0.00	145.06 -7.31 0.00	138.66 -7.92 0.00	114.70 -4.62 -3.77	114.77 -4.40 -3.38	109.73 -5.18 -2.27	115.06 -4.76 -3.72	110.37 -5.75 -3.36	115.96 -5.10 -5.15	127.80 -4.44 -8.91	116.28 -4.84 -5.93	116.17 -6.18 -3.41	110.25 -5.41 -3.01	108.72 -5.01 -2.42	111.34 -4.82 -4.08
STA_56___34_KV_BUS2 355983	135.88 -4.64 0.00	128.62 -3.02 -0.44	116.92 -2.11 -2.03	129.23 -3.72 0.00	131.29 -4.76 0.00	138.70 -4.73 0.00	162.51 -6.60 0.00	181.71 -10.17 0.00	172.94 -8.91 0.00	152.65 -8.20 0.00	145.06 -7.31 0.00	138.66 -7.92 0.00	114.70 -4.62 -3.77	114.77 -4.40 -3.38	109.73 -5.18 -2.27	115.06 -4.76 -3.72	110.37 -5.75 -3.36	115.96 -5.10 -5.15	127.80 -4.44 -8.91	116.28 -4.84 -5.93	116.17 -6.18 -3.41	110.25 -5.41 -3.01	108.72 -5.01 -2.42	111.34 -4.82 -4.08
STA_67___115KV_BK2 355882	136.16 -4.36 0.00	129.02 -2.62 -0.45	117.41 -1.64 -2.05	129.63 -3.32 0.00	131.70 -4.35 0.00	138.99 -4.45 0.00	162.68 -6.43 0.00	181.71 -10.17 0.00	172.76 -9.09 0.00	152.65 -8.20 0.00	144.91 -7.47 0.00	138.52 -8.06 0.00	114.73 -4.62 -3.80	114.79 -4.40 -3.40	109.72 -5.18 -2.26	115.08 -4.76 -3.74	110.25 -5.86 -3.35	115.95 -5.10 -5.13	127.85 -4.44 -8.96	116.29 -4.84 -5.93	116.15 -6.18 -3.40	110.35 -5.29 -3.00	108.82 -4.90 -2.41	111.47 -4.71 -4.10
STA_7___115KV_9TRANS 80674	137.29 -3.23 0.00	130.07 -1.57 -0.45	118.23 -0.82 -2.05	130.70 -2.26 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	163.87 -5.24 0.00	183.05 -8.83 0.00	174.22 -7.64 0.00	153.94 -6.92 0.00	146.28 -6.10 0.00	139.69 -6.89 0.00	115.89 -3.47 -3.80	115.84 -3.36 -3.41	110.74 -4.17 -2.26	116.13 -3.72 -3.74	111.26 -4.85 -3.35	117.11 -3.94 -5.14	129.09 -3.21 -8.97	117.44 -3.69 -5.93	117.23 -5.11 -3.40	111.25 -4.39 -3.00	109.82 -3.90 -2.41	112.37 -3.81 -4.10
STA_82___115KV_TB1 80780	136.16 -4.36 0.00	129.15 -2.49 -0.45	117.41 -1.64 -2.06	129.63 -3.32 0.00	131.70 -4.35 0.00	139.13 -4.30 0.00	162.68 -6.43 0.00	181.71 -10.17 0.00	172.94 -8.91 0.00	152.65 -8.20 0.00	145.06 -7.31 0.00	138.52 -8.06 0.00	114.74 -4.62 -3.81	114.81 -4.40 -3.42	109.72 -5.18 -2.26	115.21 -4.64 -3.76	110.36 -5.75 -3.35	115.95 -5.10 -5.14	127.89 -4.44 -9.01	116.41 -4.72 -5.94	116.16 -6.18 -3.40	110.35 -5.29 -3.00	108.93 -4.79 -2.42	111.60 -4.60 -4.12
STEEL___WIND 323596	137.29 -3.23 0.00	126.52 -5.25 -0.58	116.02 -3.63 -2.65	130.97 -1.99 0.00	132.24 -3.81 0.00	141.29 -2.15 0.00	162.85 -6.25 0.00	179.98 -11.90 0.00	170.75 -11.10 0.00	152.66 -8.20 0.00	143.24 -9.14 0.00	136.61 -9.97 0.00	110.98 -9.47 -4.90	110.92 -9.27 -4.40	104.88 -9.91 -2.16	110.92 -9.87 -4.69	105.69 -10.26 -3.18	110.47 -10.32 -4.87	124.79 -10.11 -11.58	111.47 -10.25 -6.53	110.99 -11.18 -3.23	105.59 -9.91 -2.86	104.37 -9.24 -2.30	108.40 -8.97 -5.29
STEPHTWN_115KV_BK_2 55603	148.67 8.15 0.00	141.93 6.95 -3.78	140.53 6.20 -17.33	140.40 7.45 0.00	143.26 7.21 0.00	150.89 7.46 0.00	176.72 7.61 0.00	200.51 8.63 0.00	190.04 8.18 0.00	168.74 7.88 0.00	160.15 7.77 0.00	154.20 7.62 0.00	153.47 6.12 -31.79	150.40 6.02 -28.59	150.04 5.86 -31.54	155.24 5.46 -33.69	164.38 4.85 -46.76	192.90 5.10 -71.89	204.04 5.43 -75.29	188.36 4.84 -68.32	171.34 4.88 -47.52	159.19 4.62 -41.93	149.67 4.67 -33.69	151.78 5.27 -34.43
STEUBEN_REC_LFGE 323667	142.77 2.25 0.00	131.40 -0.52 -0.73	120.93 0.58 -3.34	135.88 2.93 0.00	138.09 2.04 0.00	146.45 3.01 0.00	171.64 2.54 0.00	191.69 -0.19 0.00	180.94 -0.91 0.00	159.41 -1.45 0.00	150.70 -1.68 0.00	143.50 -3.08 0.00	117.47 -4.28 -6.19	116.94 -4.40 -5.55	105.29 -4.84 2.51	116.55 -4.53 -4.98	104.15 -4.85 3.77	104.85 -5.22 5.85	133.50 -4.44 -14.62	110.54 -5.18 -0.53	109.04 -6.07 3.83	103.54 -5.74 3.35	102.39 -6.23 2.68	112.04 -6.72 -6.69
STILLWATER___SOLAR 323814	150.50 9.98 0.00	144.79 9.71 -3.89	143.36 8.54 -17.83	143.06 10.10 0.00	146.12 10.07 0.00	153.90 10.47 0.00	180.94 11.83 0.00	205.51 13.63 0.00	194.39 12.54 0.00	172.28 11.42 0.00	163.20 10.82 0.00	156.84 10.26 0.00	156.54 8.21 -32.78	153.38 8.10 -29.49	153.06 7.88 -32.53	159.32 8.47 -34.75	169.57 8.57 -48.24	199.00 8.93 -74.16	210.73 9.74 -77.66	194.54 8.87 -70.48	176.89 8.92 -49.02	164.22 8.34 -43.25	154.08 8.02 -34.75	155.22 7.63 -35.52
STONY___BROOK 24151	153.87 13.36 0.00	147.01 12.72 -3.09	144.54 12.05 -15.49	146.38 13.42 0.00	148.98 12.93 0.00	153.90 10.47 0.00	178.91 9.80 0.00	204.74 12.86 0.00	195.50 13.65 0.00	175.02 14.16 0.00	166.10 13.72 0.00	161.38 14.80 0.00	154.79 12.37 -26.87	153.41 12.74 -24.88	153.50 12.17 -28.69	157.56 12.43 -29.04	162.66 11.51 -38.38	196.41 12.28 -68.22	209.74 13.57 -72.85	193.93 12.09 -66.64	170.09 12.14 -39.01	158.32 11.26 -34.41	153.92 12.13 -30.48	151.33 10.99 -28.26
STURGEON_POOL_HYD 23609	149.23 8.71 0.00	142.11 7.74 -3.17	138.68 7.14 -14.54	141.47 8.51 0.00	144.48 8.44 0.00	152.04 8.61 0.00	177.90 8.79 0.00	202.43 10.55 0.00	192.40 10.55 0.00	171.63 10.78 0.00	162.43 10.06 0.00	156.69 10.11 0.00	150.15 7.86 -26.74	147.81 7.99 -24.04	146.70 7.55 -26.52	152.43 8.01 -28.32	159.98 7.89 -39.32	184.70 8.35 -60.44	195.87 9.25 -63.30	180.82 8.18 -57.44	167.34 8.44 -39.96	155.66 7.77 -35.25	147.31 7.68 -28.33	147.75 6.72 -28.95
ST_LAW_115_BK7_LBMP 345037	136.16 -4.36 0.00	126.74 -4.46 0.00	112.79 -4.21 0.00	128.83 -4.12 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	167.25 -1.86 0.00	189.77 -2.11 0.00	179.86 -2.00 0.00	157.47 -3.39 0.00	149.33 -3.05 0.00	143.49 -3.09 0.00	112.20 -3.35 0.00	112.32 -3.47 0.00	110.06 -2.59 0.00	112.85 -3.25 0.00	110.06 -2.71 0.00	112.44 -3.47 0.00	118.89 -4.43 0.00	111.74 -3.45 0.00	115.97 -2.97 0.00	109.83 -2.81 0.00	108.53 -2.78 0.00	109.95 -2.13 0.00

ST_LAW_115_BK8_LBMP 345038	136.16 -4.36 0.00	126.74 -4.46 0.00	112.79 -4.21 0.00	128.83 -4.12 0.00	132.65 -3.40 0.00	139.99 -3.44 0.00	167.25 -1.86 0.00	189.77 -2.11 0.00	179.86 -2.00 0.00	157.47 -3.39 0.00	149.33 -3.05 0.00	143.49 -3.09 0.00	112.20 -3.35 0.00	112.32 -3.47 0.00	110.06 -2.59 0.00	112.85 -3.25 0.00	110.06 -2.71 0.00	112.44 -3.47 0.00	118.89 -4.43 0.00	111.74 -3.45 0.00	115.97 -2.97 0.00	109.83 -2.81 0.00	108.53 -2.78 0.00	109.95 -2.13 0.00
ST_LAW_230_BK5_LBMP 345035	136.58 -3.93 0.00	127.13 -4.07 0.00	113.14 -3.86 0.00	129.10 -3.86 0.00	132.78 -3.27 0.00	140.14 -3.29 0.00	167.25 -1.86 0.00	189.77 -2.11 0.00	180.03 -1.82 0.00	157.80 -3.06 0.00	149.48 -2.90 0.00	143.79 -2.79 0.00	112.55 -3.01 0.00	112.67 -3.12 0.00	110.16 -2.48 0.00	113.08 -3.02 0.00	110.29 -2.48 0.00	112.79 -3.12 0.00	119.26 -4.07 0.00	111.97 -3.22 0.00	116.08 -2.86 0.00	109.94 -2.70 0.00	108.63 -2.67 0.00	109.95 -2.13 0.00
ST_LAW_230_BK6_LBMP 345036	136.58 -3.93 0.00	127.13 -4.07 0.00	113.14 -3.86 0.00	129.10 -3.86 0.00	132.78 -3.27 0.00	140.14 -3.29 0.00	167.25 -1.86 0.00	189.77 -2.11 0.00	180.03 -1.82 0.00	157.80 -3.06 0.00	149.48 -2.90 0.00	143.79 -2.79 0.00	112.55 -3.01 0.00	112.67 -3.12 0.00	110.16 -2.48 0.00	113.08 -3.02 0.00	110.29 -2.48 0.00	112.79 -3.12 0.00	119.26 -4.07 0.00	111.97 -3.22 0.00	116.08 -2.86 0.00	109.94 -2.70 0.00	108.63 -2.67 0.00	109.95 -2.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	148.11 7.59 0.00	141.44 7.35 -2.89	137.05 6.79 -13.27	140.27 7.31 0.00	143.26 7.21 0.00	150.89 7.46 0.00	176.55 7.44 0.00	200.71 8.83 0.00	190.95 9.09 0.00	170.35 9.49 0.00	161.22 8.84 0.00	155.67 9.09 0.00	147.47 7.51 -24.41	145.37 7.64 -21.94	144.05 7.21 -24.20	149.38 7.43 -25.85	155.98 7.33 -35.88	178.73 7.65 -55.17	189.73 8.63 -57.77	175.23 7.60 -52.43	163.14 7.73 -36.47	152.02 7.21 -32.17	144.28 7.12 -25.85	144.89 6.39 -26.42
SWANROAD_115KV_TB1 355699	131.10 -9.41 0.00	123.07 -8.66 -0.54	112.79 -6.67 -2.46	125.11 -7.84 0.00	126.80 -9.25 0.00	133.68 -9.75 0.00	154.40 -14.71 0.00	170.39 -21.49 0.00	161.85 -20.00 0.00	143.16 -17.69 0.00	135.92 -16.46 0.00	129.43 -17.15 0.00	107.05 -13.06 -4.55	107.13 -12.74 -4.08	101.55 -13.29 -2.20	107.14 -13.35 -4.39	103.17 -12.86 -3.26	108.05 -12.87 -5.01	120.01 -14.06 -10.75	107.84 -13.71 -6.36	108.22 -14.03 -3.31	104.07 -11.49 -2.92	103.08 -10.57 -2.35	105.45 -11.54 -4.92
SYNERGY___BIOGAS 323694	136.86 -3.65 0.00	128.81 -2.89 -0.50	117.67 -1.64 -2.31	130.70 -2.26 0.00	131.83 -4.22 0.00	141.13 -2.30 0.00	163.53 -5.58 0.00	180.95 -10.93 0.00	172.21 -9.64 0.00	153.46 -7.40 0.00	144.15 -8.23 0.00	137.19 -9.38 0.00	113.36 -6.47 -4.27	113.37 -6.25 -3.83	107.65 -7.21 -2.22	113.51 -6.74 -4.15	108.96 -7.10 -3.29	114.60 -6.38 -5.06	126.88 -6.54 -10.09	114.60 -6.80 -6.20	114.56 -7.73 -3.35	109.40 -6.20 -2.95	108.23 -5.45 -2.37	110.64 -6.05 -4.62
SYRACUSE___ENERGY_ST1 323597	139.96 -0.56 0.00	131.06 -0.52 -0.38	118.64 -0.12 -1.76	132.56 -0.40 0.00	135.37 -0.68 0.00	142.57 -0.86 0.00	167.75 -1.35 0.00	190.54 -1.34 0.00	180.58 -1.27 0.00	159.73 -1.13 0.00	151.46 -0.91 0.00	145.41 -1.17 0.00	118.39 -0.46 -3.30	118.40 -0.35 -2.96	115.34 -0.56 -3.26	119.35 -0.23 -3.48	117.15 -0.45 -4.84	123.12 -0.23 -7.44	131.36 0.25 -7.79	122.15 -0.12 -7.07	123.26 -0.59 -4.92	116.42 -0.56 -4.34	114.01 -0.78 -3.48	114.63 -1.01 -3.56
SYRACUSE___ENERGY_ST2 323598	139.96 -0.56 0.00	131.06 -0.52 -0.38	118.64 -0.12 -1.76	132.56 -0.40 0.00	135.37 -0.68 0.00	142.57 -0.86 0.00	167.75 -1.35 0.00	190.54 -1.34 0.00	180.58 -1.27 0.00	159.73 -1.13 0.00	151.46 -0.91 0.00	145.41 -1.17 0.00	118.39 -0.46 -3.30	118.40 -0.35 -2.96	115.34 -0.56 -3.26	119.35 -0.23 -3.48	117.15 -0.45 -4.84	123.12 -0.23 -7.44	131.36 0.25 -7.79	122.15 -0.12 -7.07	123.26 -0.59 -4.92	116.42 -0.56 -4.34	114.01 -0.78 -3.48	114.63 -1.01 -3.56
SYRACUSE___POWER 24017	139.39 -1.12 0.00	130.54 -1.05 -0.39	118.11 -0.70 -1.81	132.03 -0.93 0.00	134.69 -1.36 0.00	142.14 -1.29 0.00	167.25 -1.86 0.00	189.39 -2.49 0.00	179.49 -2.36 0.00	158.93 -1.93 0.00	150.55 -1.83 0.00	144.53 -2.05 0.00	117.73 -1.16 -3.34	117.62 -1.16 -2.99	115.22 -1.35 -3.93	118.69 -1.04 -3.64	117.35 -1.24 -5.82	123.83 -1.04 -8.96	130.59 -0.62 -7.88	122.35 -0.92 -8.07	123.43 -1.43 -5.92	116.62 -1.24 -5.22	114.05 -1.45 -4.19	114.00 -1.68 -3.61
TALLMAN___138KV_BK151 55660	148.67 8.15 0.00	142.17 8.00 -2.97	137.87 7.25 -13.62	140.80 7.84 0.00	143.80 7.75 0.00	151.47 8.03 0.00	177.06 7.95 0.00	201.47 9.59 0.00	191.86 10.00 0.00	171.47 10.62 0.00	162.28 9.90 0.00	156.69 10.11 0.00	148.93 8.32 -25.06	146.76 8.45 -22.52	145.59 8.11 -24.84	150.99 8.36 -26.53	157.61 8.01 -36.84	181.00 8.46 -56.63	192.13 9.50 -59.31	177.42 8.41 -53.82	164.94 8.56 -37.44	153.67 8.00 -33.03	145.75 7.90 -26.54	146.26 7.06 -27.12
TEALLAVE_115KV_TB7 355573	138.55 -1.97 0.00	129.83 -1.71 -0.34	117.28 -1.29 -1.57	131.23 -1.73 0.00	133.87 -2.18 0.00	141.28 -2.15 0.00	166.23 -2.87 0.00	188.04 -3.84 0.00	178.40 -3.46 0.00	157.80 -3.06 0.00	149.63 -2.74 0.00	143.65 -2.93 0.00	116.55 -1.85 -2.85	116.60 -1.74 -2.55	113.54 -1.91 -2.82	117.36 -1.74 -3.01	115.02 -1.92 -4.17	120.59 -1.74 -6.42	128.69 -1.36 -6.72	119.68 -1.61 -6.10	121.04 -2.14 -4.24	114.36 -2.03 -3.74	112.20 -2.11 -3.01	112.80 -2.35 -3.07
TELGRAPH_34_KV_EAST 80808	134.33 -6.18 0.00	126.20 -5.51 -0.52	115.50 -3.86 -2.37	128.17 -4.79 0.00	129.79 -6.26 0.00	136.98 -6.45 0.00	158.96 -10.15 0.00	176.15 -15.73 0.00	167.49 -14.37 0.00	147.83 -13.03 0.00	140.49 -11.89 0.00	133.68 -12.90 0.00	110.46 -9.48 -4.39	110.46 -9.26 -3.93	104.94 -9.91 -2.21	110.59 -9.75 -4.25	106.12 -9.92 -3.28	111.33 -9.62 -5.04	123.69 -9.99 -10.36	111.43 -10.02 -6.26	111.57 -10.70 -3.33	106.68 -8.90 -2.94	105.54 -8.13 -2.36	108.18 -8.63 -4.74
TEMPLE___115KV_TB 2 55572	138.55 -1.97 0.00	129.84 -1.71 -0.35	117.29 -1.29 -1.58	131.36 -1.60 0.00	134.01 -2.04 0.00	141.28 -2.15 0.00	166.23 -2.87 0.00	188.04 -3.84 0.00	178.22 -3.64 0.00	157.80 -3.06 0.00	149.63 -2.74 0.00	143.65 -2.93 0.00	116.59 -1.85 -2.88	116.64 -1.74 -2.59	113.47 -2.03 -2.85	117.40 -1.74 -3.05	114.97 -2.03 -4.23	120.68 -1.74 -6.50	128.78 -1.36 -6.81	119.76 -1.61 -6.18	121.10 -2.14 -4.30	114.41 -2.03 -3.79	112.24 -2.11 -3.05	112.84 -2.35 -3.11
TIANA____69_KV_BK 1 55817	154.85 14.33 0.00	148.72 14.43 -3.09	145.94 13.45 -15.49	147.18 14.23 0.00	149.79 13.74 0.00	157.63 14.20 0.00	184.33 15.22 0.00	207.61 15.73 0.00	198.58 16.73 0.00	178.23 17.37 0.00	168.68 16.30 0.00	163.73 17.15 0.00	156.52 14.10 -26.87	154.91 14.24 -24.88	155.08 13.74 -28.69	159.41 14.28 -29.04	164.57 13.42 -38.38	198.62 14.49 -68.22	212.08 15.91 -72.85	196.00 14.17 -66.64	172.10 14.15 -39.01	160.01 12.95 -34.41	154.87 13.47 -30.10	152.78 12.44 -28.26
TILDEN___115KV_TB1 80814	139.39 -1.12 0.00	130.54 -1.05 -0.39	118.11 -0.70 -1.81	132.03 -0.93 0.00	134.69 -1.36 0.00	142.14 -1.29 0.00	167.25 -1.86 0.00	189.39 -2.49 0.00	179.49 -2.36 0.00	158.93 -1.93 0.00	150.55 -1.83 0.00	144.53 -2.05 0.00	117.73 -1.16 -3.34	117.62 -1.16 -2.99	115.22 -1.35 -3.93	118.69 -1.04 -3.64	117.35 -1.24 -5.82	123.83 -1.04 -8.96	130.59 -0.62 -7.88	122.35 -0.92 -8.07	123.43 -1.43 -5.92	116.62 -1.24 -5.22	114.05 -1.45 -4.19	114.00 -1.68 -3.61

TRIGEN___CC 323695	151.48 10.96 0.00	145.18 10.89 -3.09	142.55 10.06 -15.49	143.59 10.64 0.00	146.39 10.34 0.00	154.19 10.76 0.00	180.10 10.99 0.00	204.35 12.47 0.00	195.13 13.28 0.00	175.01 14.16 0.00	165.79 13.41 0.00	160.36 13.78 0.00	153.63 11.21 -26.87	152.02 11.35 -24.88	152.15 10.81 -28.69	156.28 11.15 -29.04	161.86 10.71 -38.38	195.26 11.13 -68.22	208.50 12.33 -72.85	193.01 11.17 -66.64	169.25 11.30 -39.01	157.42 10.36 -34.41	150.80 10.69 -28.81	149.87 9.53 -28.26
TRINITY___115KV___4 BK 55933	146.70 6.18 0.00	140.36 5.38 -3.79	139.16 4.80 -17.36	138.67 5.72 0.00	141.49 5.44 0.00	148.74 5.31 0.00	174.18 5.07 0.00	198.02 6.14 0.00	187.67 5.82 0.00	166.81 5.95 0.00	158.32 5.94 0.00	152.59 6.01 0.00	152.41 4.97 -31.89	149.45 4.98 -28.68	149.12 4.84 -31.64	154.30 4.41 -33.79	163.51 3.83 -46.91	191.74 3.71 -72.12	202.92 4.07 -75.53	187.42 3.69 -68.54	170.30 3.69 -47.68	158.31 3.60 -42.06	148.89 3.78 -33.80	150.77 4.15 -34.54
UNION___PROCESSING_DRP 323587	136.30 -4.22 0.00	129.15 -2.49 -0.45	117.42 -1.64 -2.06	129.77 -3.19 0.00	131.70 -4.35 0.00	139.13 -4.30 0.00	162.85 -6.26 0.00	181.90 -9.98 0.00	172.94 -8.91 0.00	152.81 -8.04 0.00	145.06 -7.31 0.00	138.52 -8.06 0.00	114.86 -4.51 -3.82	114.81 -4.40 -3.42	109.73 -5.18 -2.27	115.21 -4.64 -3.76	110.37 -5.75 -3.35	116.07 -4.98 -5.15	127.90 -4.44 -9.02	116.42 -4.72 -5.95	116.28 -6.07 -3.41	110.36 -5.29 -3.01	108.94 -4.79 -2.42	111.61 -4.60 -4.12
UPPER HUDSON___HYD 24058	153.02 12.50 0.00	146.92 11.81 -3.91	145.32 10.41 -17.91	145.45 12.49 0.00	148.56 12.51 0.00	158.07 14.64 0.00	186.53 17.42 0.00	211.83 19.95 0.00	200.41 18.56 0.00	177.43 16.57 0.00	167.15 14.78 0.00	160.21 13.63 0.00	159.17 10.75 -32.87	155.78 10.43 -29.57	155.40 10.14 -32.62	161.85 10.91 -34.84	172.19 11.06 -48.36	201.97 11.70 -74.36	213.90 12.71 -77.87	197.27 11.41 -70.66	179.63 11.53 -49.15	166.82 10.81 -43.36	156.28 10.13 -34.85	157.56 9.87 -35.61
UPPER RAQUET___HYD 24056	135.88 -4.63 0.00	126.53 -4.72 -0.05	112.79 -4.45 -0.24	129.77 -3.19 0.00	133.87 -2.18 0.00	140.41 -3.02 0.00	168.77 -0.34 0.00	190.34 -1.54 0.00	181.31 -0.54 0.00	157.47 -3.39 0.00	149.79 -2.59 0.00	144.38 -2.19 0.00	112.55 -3.01 0.00	112.90 -2.89 0.00	111.74 -0.91 0.00	114.01 -2.09 0.00	111.19 -1.58 0.00	112.32 -3.59 0.00	118.15 -5.17 0.00	111.97 -3.22 0.00	117.16 -1.78 0.00	111.30 -1.35 0.00	109.97 -1.33 0.00	111.30 -0.78 0.00
VALLEY44_115KV_TB2 355964	140.38 -0.14 0.00	124.22 -7.61 -0.63	114.29 -5.62 -2.91	133.89 0.93 0.00	135.64 -0.41 0.00	143.29 -0.14 0.00	166.40 -2.71 0.00	185.36 -6.52 0.00	175.67 -6.18 0.00	155.71 -5.15 0.00	147.35 -5.03 0.00	140.72 -5.86 0.00	110.18 -10.75 -5.38	109.96 -10.65 -4.82	103.80 -10.93 -2.09	109.93 -11.26 -5.10	105.70 -10.15 -3.08	109.96 -10.66 -4.71	125.30 -10.73 -12.70	111.01 -10.94 -6.76	111.48 -10.59 -3.13	104.94 -10.48 -2.77	103.07 -10.46 -2.23	107.35 -10.54 -5.81
VALLEY___115KV_TB 1-4 80826	145.86 5.34 0.00	136.18 4.99 0.00	121.44 4.45 0.00	138.01 5.05 0.00	141.08 5.03 0.00	148.74 5.31 0.00	174.69 5.58 0.00	198.21 6.33 0.00	187.85 6.00 0.00	166.49 5.63 0.00	157.86 5.49 0.00	151.71 5.13 0.00	119.48 3.93 0.00	119.49 3.71 0.00	116.02 3.38 0.00	119.35 3.25 0.00	115.81 3.04 0.00	118.81 2.90 0.00	126.41 3.08 0.00	117.84 2.65 0.00	121.44 2.50 0.00	115.23 2.59 0.00	113.86 2.56 0.00	114.43 2.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	151.76 11.24 0.00	142.79 10.23 -1.36	132.59 9.36 -6.23	143.73 10.77 0.00	146.80 10.75 0.00	154.76 11.33 0.00	181.96 12.85 0.00	206.65 14.77 0.00	196.04 14.18 0.00	173.89 13.03 0.00	164.26 11.89 0.00	158.01 11.43 0.00	135.81 8.67 -11.59	134.67 8.57 -10.32	132.36 8.34 -11.38	137.07 8.82 -12.15	138.21 8.57 -16.87	151.12 9.27 -25.94	160.72 10.24 -27.16	149.06 9.22 -24.65	145.13 9.04 -17.15	136.33 8.56 -15.13	131.70 8.24 -12.16	132.23 7.73 -12.42
VISCHER___FERRY HYD 24020	148.24 7.72 0.00	142.63 7.61 -3.83	141.47 6.90 -17.57	140.93 7.98 0.00	143.94 7.89 0.00	151.46 8.03 0.00	177.56 8.45 0.00	201.85 9.97 0.00	191.12 9.27 0.00	169.70 8.84 0.00	160.75 8.38 0.00	154.78 8.20 0.00	154.65 6.82 -32.28	151.54 6.71 -29.04	151.20 6.53 -32.03	157.27 6.97 -34.21	167.14 6.88 -47.49	196.00 7.07 -73.02	207.56 7.77 -76.47	191.73 7.14 -69.39	174.46 7.26 -48.27	161.98 6.76 -42.58	152.09 6.57 -34.22	153.21 6.16 -34.97
V_A_10_SYNC_DSASP 323832	133.07 -7.45 0.00	126.57 -5.12 -0.49	115.50 -3.75 -2.25	126.98 -5.98 0.00	128.43 -7.62 0.00	137.13 -6.31 0.00	158.28 -10.83 0.00	174.80 -17.08 0.00	166.03 -15.82 0.00	148.31 -12.55 0.00	139.42 -12.95 0.00	133.10 -13.48 0.00	111.17 -8.55 -4.17	111.19 -8.34 -3.74	105.65 -9.23 -2.24	111.33 -8.83 -4.06	105.93 -10.15 -3.31	111.25 -9.74 -5.08	123.92 -9.25 -9.85	112.03 -9.33 -6.16	111.48 -10.82 -3.37	106.38 -9.23 -2.98	105.13 -8.57 -2.40	108.63 -7.95 -4.50
V_CMM_10_SYNC_DSASP 323787	136.86 -3.65 0.00	127.39 -3.81 0.00	113.25 -3.75 0.00	129.37 -3.58 0.00	133.19 -2.86 0.00	140.70 -2.73 0.00	168.10 -1.01 0.00	190.55 -1.33 0.00	180.59 -1.26 0.00	158.28 -2.58 0.00	149.93 -2.44 0.00	144.23 -2.35 0.00	112.78 -2.77 0.00	112.90 -2.89 0.00	110.50 -2.14 0.00	113.43 -2.67 0.00	110.51 -2.25 0.00	112.90 -3.01 0.00	119.37 -3.95 0.00	112.20 -3.00 0.00	116.44 -2.50 0.00	110.27 -2.37 0.00	108.96 -2.34 0.00	110.28 -1.80 0.00
V_CMP_10_SYNC_DSASP 323788	138.69 -1.83 0.00	129.23 -1.96 0.00	115.01 -1.99 0.00	131.50 -1.46 0.00	135.37 -0.68 0.00	143.43 0.00 0.00	171.81 2.70 0.00	193.04 1.16 0.00	185.13 3.28 0.00	162.30 1.44 0.00	153.90 1.52 0.00	147.89 1.32 0.00	115.67 0.12 0.00	115.67 -0.12 0.00	112.75 0.11 0.00	115.75 -0.35 0.00	112.65 -0.11 0.00	115.11 -0.81 0.00	121.35 -1.98 0.00	113.12 -2.07 0.00	116.92 -2.02 0.00	110.50 -2.14 0.00	109.30 -2.00 0.00	110.74 -1.34 0.00
V_D_10_SYNC_DSASP 323841	136.16 -4.36 0.00	126.74 -4.46 0.00	112.79 -4.21 0.00	129.64 -3.32 0.00	133.87 -2.18 0.00	141.29 -2.15 0.00	169.45 0.34 0.00	191.50 -0.38 0.00	182.04 0.18 0.00	158.76 -2.10 0.00	150.56 -1.82 0.00	144.83 -1.75 0.00	112.55 -3.01 0.00	112.55 -3.24 0.00	111.06 -1.58 0.00	113.54 -2.55 0.00	110.85 -1.92 0.00	112.67 -3.24 0.00	118.76 -4.56 0.00	112.32 -2.88 0.00	117.03 -1.91 0.00	110.73 -1.92 0.00	109.52 -1.79 0.00	110.85 -1.23 0.00
V_E_10_SYNC_DSASP 323830	156.67 16.15 0.00	145.97 13.77 -1.00	134.33 12.75 -4.57	147.98 15.02 0.00	151.01 14.97 0.00	160.64 17.20 0.00	190.42 21.31 0.00	215.67 23.79 0.00	203.67 21.81 0.00	179.51 18.65 0.00	168.22 15.85 0.00	161.38 14.80 0.00	134.78 10.75 -8.48	133.67 10.30 -7.58	134.90 9.91 -12.34	136.43 10.67 -9.65	141.69 10.60 -18.32	156.16 12.05 -28.19	157.10 13.81 -19.97	151.05 11.87 -23.99	148.74 11.18 -18.62	139.08 10.02 -16.42	133.72 9.23 -13.19	129.72 8.51 -9.13
V_F_30_NSYNC___DSASP 323816	150.64 10.12 0.00	144.80 9.71 -3.89	143.52 8.66 -17.87	143.20 10.24 0.00	146.26 10.21 0.00	154.05 10.61 0.00	181.12 12.01 0.00	205.51 13.63 0.00	194.58 12.73 0.00	172.44 11.59 0.00	163.35 10.98 0.00	156.99 10.41 0.00	156.85 8.43 -32.87	153.58 8.22 -29.57	153.26 8.00 -32.62	159.53 8.59 -34.84	169.70 8.57 -48.36	199.31 9.05 -74.35	211.06 9.87 -77.87	194.85 8.99 -70.66	177.13 9.04 -49.15	164.46 8.45 -43.36	154.17 8.02 -34.85	155.42 7.73 -35.61

V_F_30_SYNC_DSASP 323786	147.26 6.74 0.00	140.78 5.77 -3.81	139.64 5.15 -17.49	139.07 6.12 0.00	141.90 5.85 0.00	149.31 5.88 0.00	174.86 5.75 0.00	198.40 6.52 0.00	188.22 6.36 0.00	167.29 6.43 0.00	158.78 6.40 0.00	153.03 6.45 0.00	153.00 5.32 -32.13	150.02 5.33 -28.90	149.71 5.18 -31.88	154.79 4.64 -34.05	164.10 4.06 -47.27	192.65 4.06 -72.68	203.75 4.32 -76.11	188.18 3.92 -69.07	170.91 3.93 -48.04	158.86 3.83 -42.38	149.37 4.01 -34.06	151.26 4.37 -34.81
V_XM_10_SYNC_DSASP 323789	138.69 -1.83 0.00	129.23 -1.96 0.00	115.01 -1.99 0.00	131.50 -1.46 0.00	135.37 -0.68 0.00	143.43 0.00 0.00	171.81 2.70 0.00	193.04 1.16 0.00	185.13 3.28 0.00	162.30 1.44 0.00	153.90 1.52 0.00	147.89 1.32 0.00	115.67 0.12 0.00	115.67 -0.12 0.00	112.75 0.11 0.00	115.75 -0.35 0.00	112.65 -0.11 0.00	115.11 -0.81 0.00	121.35 -1.98 0.00	113.12 -2.07 0.00	116.92 -2.02 0.00	110.50 -2.14 0.00	109.30 -2.00 0.00	110.74 -1.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	149.23 8.71 0.00	142.58 8.40 -2.99	138.42 7.72 -13.70	141.20 8.24 0.00	144.21 8.16 0.00	152.04 8.61 0.00	177.73 8.62 0.00	202.24 10.36 0.00	192.58 10.73 0.00	172.12 11.26 0.00	162.89 10.51 0.00	157.28 10.70 0.00	149.53 8.78 -25.20	147.35 8.92 -22.65	146.07 8.45 -24.98	151.49 8.71 -26.69	158.27 8.46 -37.05	181.68 8.81 -56.96	192.96 9.99 -59.65	178.19 8.87 -54.13	165.63 9.04 -37.65	154.19 8.34 -33.21	146.34 8.35 -26.69	146.75 7.40 -27.28
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	150.49 9.98 0.00	144.00 9.71 -3.09	139.97 8.77 -14.19	142.40 9.44 0.00	145.44 9.39 0.00	153.19 9.75 0.00	178.58 9.47 0.00	203.58 11.70 0.00	194.22 12.37 0.00	173.73 12.87 0.00	164.42 12.04 0.00	158.89 12.31 0.00	151.83 10.17 -26.11	149.56 10.31 -23.47	148.33 9.80 -25.89	153.74 9.98 -27.65	160.74 9.59 -38.39	184.90 9.97 -59.02	196.11 10.98 -61.81	181.08 9.79 -56.09	168.06 10.11 -39.01	156.52 9.46 -34.42	148.54 9.57 -27.66	148.98 8.63 -28.27
W50THST__13_KV_LOAD 356117	151.06 10.54 0.00	144.40 10.10 -3.09	140.32 9.13 -14.19	142.80 9.84 0.00	145.84 9.80 0.00	153.76 10.33 0.00	179.42 10.32 0.00	204.54 12.66 0.00	195.13 13.28 0.00	174.53 13.67 0.00	165.33 12.95 0.00	159.77 13.19 0.00	152.53 10.86 -26.11	150.38 11.12 -23.47	149.01 10.48 -25.89	154.43 10.68 -27.65	161.31 10.15 -38.39	185.48 10.55 -59.02	196.73 11.59 -61.81	181.65 10.37 -56.09	168.54 10.59 -39.01	156.97 9.91 -34.42	148.98 10.02 -27.66	149.42 9.08 -28.27
WADING RIVER_IC_1 23522	154.30 13.78 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.65 13.70 0.00	149.24 13.19 0.00	154.48 11.05 0.00	179.94 10.83 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	167.01 14.63 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.95 12.61 -28.69	158.13 13.00 -29.04	163.33 12.18 -38.38	197.00 12.86 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.75 12.35 -30.10	151.66 11.32 -28.26
WADING RIVER_IC_2 23547	154.30 13.78 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.65 13.70 0.00	149.24 13.19 0.00	154.48 11.05 0.00	179.94 10.83 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	167.01 14.63 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.95 12.61 -28.69	158.13 13.00 -29.04	163.33 12.18 -38.38	197.00 12.86 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.75 12.35 -30.10	151.66 11.32 -28.26
WADING RIVER_IC_3 23601	154.30 13.78 0.00	147.28 12.99 -3.09	144.65 12.17 -15.49	146.65 13.70 0.00	149.24 13.19 0.00	154.48 11.05 0.00	179.94 10.83 0.00	205.88 14.00 0.00	196.41 14.55 0.00	175.82 14.96 0.00	167.01 14.63 0.00	162.11 15.53 0.00	155.25 12.82 -26.87	153.75 13.08 -24.88	153.95 12.61 -28.69	158.13 13.00 -29.04	163.33 12.18 -38.38	197.00 12.86 -68.22	210.47 14.30 -72.85	194.62 12.79 -66.64	170.80 12.85 -39.01	158.88 11.82 -34.41	153.75 12.35 -30.10	151.66 11.32 -28.26
WALDENNY_12_KV_BK2 80841	137.14 -3.37 0.00	126.65 -5.12 -0.57	116.12 -3.51 -2.63	130.83 -2.13 0.00	132.51 -3.54 0.00	139.70 -3.73 0.00	161.84 -7.27 0.00	179.60 -12.28 0.00	170.40 -11.46 0.00	150.72 -10.13 0.00	143.08 -9.30 0.00	136.32 -10.26 0.00	111.06 -9.36 -4.86	111.00 -9.15 -4.36	105.00 -9.80 -2.16	111.01 -9.75 -4.66	105.92 -10.04 -3.19	110.60 -10.20 -4.89	124.82 -9.99 -11.49	111.57 -10.14 -6.51	111.36 -10.82 -3.24	105.93 -9.57 -2.87	104.71 -8.90 -2.31	108.59 -8.74 -5.25
WALDEN__HYDRO 24148	149.09 8.57 0.00	142.46 8.27 -3.00	138.35 7.60 -13.75	141.20 8.24 0.00	144.21 8.16 0.00	151.90 8.46 0.00	177.73 8.62 0.00	202.05 10.17 0.00	192.22 10.37 0.00	171.47 10.62 0.00	162.28 9.90 0.00	156.55 9.97 0.00	149.05 8.20 -25.30	146.86 8.34 -22.74	145.61 7.88 -25.08	151.13 8.24 -26.79	158.08 8.12 -37.19	181.66 8.58 -57.18	192.70 9.50 -59.88	177.94 8.41 -54.34	165.42 8.68 -37.79	153.98 8.00 -33.34	146.00 7.90 -26.79	146.52 7.06 -27.38
WARRENSBURG____ 23737	153.02 12.50 0.00	146.92 11.81 -3.91	145.32 10.41 -17.91	145.45 12.49 0.00	148.56 12.51 0.00	158.07 14.64 0.00	186.53 17.42 0.00	211.83 19.95 0.00	200.41 18.56 0.00	177.43 16.57 0.00	167.15 14.78 0.00	160.21 13.63 0.00	159.17 10.75 -32.87	155.78 10.43 -29.57	155.40 10.14 -32.62	161.85 10.91 -34.84	172.19 11.06 -48.36	201.97 11.70 -74.36	213.90 12.71 -77.87	197.27 11.41 -70.66	179.63 11.53 -49.15	166.82 10.81 -43.36	156.28 10.13 -34.85	157.56 9.87 -35.61
WATERSIDE____6 8 9 23538	137.38 10.82 13.96	132.90 10.50 8.79	130.32 9.36 -3.96	132.43 10.24 10.77	135.65 10.20 10.60	143.29 10.61 10.76	164.51 9.81 14.40	187.37 12.09 16.59	177.61 12.73 16.97	166.29 13.51 8.08	155.33 12.80 9.84	154.70 13.05 4.92	152.19 10.52 -26.12	149.92 10.65 -23.48	148.68 10.14 -25.90	154.20 10.45 -27.65	143.30 10.04 -20.50	155.68 10.32 -29.45	153.58 11.35 -18.91	153.95 10.14 -28.61	139.27 10.59 -9.75	133.00 10.03 -10.34	149.09 10.13 -27.66	147.77 9.19 -26.50
WATKINRD_115KV_LN8_ILLION 55919	144.73 4.22 0.00	135.13 3.94 0.00	120.62 3.63 0.00	136.95 3.99 0.00	140.13 4.08 0.00	147.74 4.30 0.00	173.50 4.40 0.00	196.87 4.99 0.00	186.58 4.73 0.00	165.36 4.50 0.00	156.64 4.27 0.00	150.68 4.10 0.00	118.79 3.24 0.00	118.80 3.01 0.00	115.46 2.82 0.00	119.00 2.90 0.00	115.47 2.71 0.00	118.58 2.67 0.00	126.28 2.96 0.00	117.73 2.53 0.00	121.32 2.38 0.00	115.01 2.37 0.00	113.64 2.34 0.00	114.21 2.13 0.00
WATSON__69_KV_BK 1 55734	154.29 13.77 0.00	148.20 13.91 -3.09	145.35 12.87 -15.49	146.52 13.56 0.00	149.25 13.20 0.00	156.92 13.48 0.00	183.31 14.21 0.00	207.23 15.35 0.00	198.22 16.37 0.00	177.91 17.05 0.00	168.53 16.15 0.00	163.44 16.86 0.00	156.17 13.75 -26.87	154.68 14.01 -24.88	154.74 13.40 -28.69	159.07 13.93 -29.04	164.23 13.08 -38.38	198.16 14.03 -68.22	211.71 15.54 -72.85	195.66 13.82 -66.64	171.86 13.92 -39.01	159.78 12.73 -34.41	153.79 13.02 -29.46	152.33 11.99 -28.26
WDELAWARE__HYD 323627	149.79 9.27 0.00	142.54 8.52 -2.82	138.01 8.07 -12.95	141.73 8.77 0.00	144.89 8.84 0.00	152.33 8.90 0.00	178.91 9.80 0.00	203.39 11.51 0.00	193.13 11.28 0.00	171.80 10.94 0.00	162.43 10.05 0.00	156.55 9.97 0.00	147.58 8.21 -23.82	145.54 8.34 -21.41	144.14 7.88 -23.62	149.69 8.36 -25.23	156.13 8.34 -35.02	178.80 9.05 -53.84	189.69 9.98 -56.38	175.23 8.87 -51.17	163.57 9.04 -35.59	152.38 8.34 -31.40	144.77 8.24 -25.23	145.26 7.40 -25.79

WEST BABYLON___IC 23714	153.73 13.21 0.00	147.54 13.25 -3.09	144.77 12.28 -15.49	145.99 13.03 0.00	148.70 12.65 0.00	156.34 12.91 0.00	182.81 13.70 0.00	206.85 14.97 0.00	197.86 16.00 0.00	177.42 16.57 0.00	168.07 15.69 0.00	162.70 16.12 0.00	155.71 13.29 -26.87	154.10 13.43 -24.88	154.18 12.84 -28.69	158.49 13.35 -29.04	163.89 12.74 -38.38	197.69 13.56 -68.22	211.09 14.92 -72.85	195.20 13.36 -66.64	171.39 13.44 -39.01	159.33 12.28 -34.41	152.85 12.58 -28.97	151.88 11.54 -28.26
WEST CANADA___HYD 24049	142.34 1.82 0.00	133.03 1.84 0.00	118.63 1.64 0.00	134.82 1.86 0.00	137.81 1.76 0.00	145.16 1.73 0.00	170.80 1.69 0.00	193.80 1.92 0.00	183.67 1.82 0.00	162.79 1.94 0.00	154.21 1.84 0.00	148.48 1.90 0.00	117.17 1.62 0.00	117.41 1.62 0.00	114.10 1.46 0.00	117.72 1.62 0.00	114.23 1.46 0.00	117.53 1.62 0.00	125.18 1.85 0.00	116.81 1.61 0.00	120.48 1.54 0.00	114.10 1.46 0.00	112.75 1.44 0.00	113.31 1.24 0.00
WESTERN_NY_WIND 24143	136.72 -3.79 0.00	128.56 -3.15 -0.51	117.46 -1.87 -2.33	130.43 -2.53 0.00	131.97 -4.08 0.00	139.56 -3.87 0.00	162.51 -6.60 0.00	180.37 -11.51 0.00	171.67 -10.18 0.00	151.37 -9.49 0.00	143.69 -8.69 0.00	136.76 -9.82 0.00	112.94 -6.93 -4.32	112.94 -6.72 -3.87	107.43 -7.43 -2.22	113.21 -7.08 -4.19	108.61 -7.44 -3.29	114.24 -6.72 -5.06	126.74 -6.78 -10.20	114.39 -7.03 -6.22	114.31 -7.97 -3.34	109.05 -6.53 -2.94	107.89 -5.79 -2.37	110.47 -6.28 -4.66
WESTOVER___LESR 323668	142.20 1.69 0.00	132.75 0.52 -1.03	122.66 0.94 -4.73	134.82 1.86 0.00	137.55 1.50 0.00	145.15 1.72 0.00	170.12 1.01 0.00	192.07 0.19 0.00	182.04 0.18 0.00	161.34 0.48 0.00	152.68 0.30 0.00	146.43 -0.15 0.00	123.60 -0.69 -8.74	123.05 -0.58 -7.84	119.12 -0.79 -7.27	124.50 -0.58 -8.99	122.86 -0.68 -10.77	132.00 -0.46 -16.55	144.09 0.12 -20.64	131.55 -0.35 -16.70	129.29 -0.59 -10.95	121.74 -0.56 -9.66	118.29 -0.78 -7.77	120.51 -1.01 -9.44
WETHRSFD_WT_PWR 323626	137.71 -2.81 0.00	127.51 -4.33 -0.64	116.99 -2.92 -2.91	131.23 -1.73 0.00	132.78 -3.27 0.00	141.86 -1.57 0.00	164.20 -4.91 0.00	181.70 -10.18 0.00	172.03 -9.82 0.00	153.14 -7.72 0.00	143.85 -8.53 0.00	137.19 -9.38 0.00	112.40 -8.55 -5.39	112.18 -8.45 -4.84	105.26 -9.12 -1.74	112.21 -8.94 -5.05	106.30 -9.03 -2.56	110.90 -8.92 -3.91	127.42 -8.64 -12.74	112.46 -8.99 -6.25	111.67 -9.87 -2.60	106.16 -8.79 -2.31	104.70 -8.46 -1.86	109.49 -8.41 -5.82
WHAVSTOR_138KV_BK127 55557	148.67 8.15 0.00	142.19 8.00 -2.99	137.96 7.25 -13.71	140.80 7.84 0.00	143.80 7.75 0.00	151.47 8.03 0.00	177.06 7.95 0.00	201.47 9.59 0.00	191.86 10.00 0.00	171.31 10.46 0.00	162.28 9.90 0.00	156.69 10.11 0.00	149.10 8.32 -25.23	146.92 8.45 -22.68	145.65 8.00 -25.01	151.06 8.24 -26.72	157.86 8.01 -37.09	181.28 8.35 -57.02	192.41 9.37 -59.71	177.79 8.41 -54.19	165.20 8.56 -37.69	153.78 7.88 -33.25	145.93 7.90 -26.72	146.45 7.06 -27.31
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	148.67 8.15 0.00	142.19 8.00 -2.99	137.96 7.25 -13.71	140.80 7.84 0.00	143.80 7.75 0.00	151.47 8.03 0.00	177.06 7.95 0.00	201.47 9.59 0.00	191.86 10.00 0.00	171.31 10.46 0.00	162.28 9.90 0.00	156.69 10.11 0.00	149.10 8.32 -25.23	146.92 8.45 -22.68	145.65 8.00 -25.01	151.06 8.24 -26.72	157.86 8.01 -37.09	181.28 8.35 -57.02	192.41 9.37 -59.71	177.79 8.41 -54.19	165.20 8.56 -37.69	153.78 7.88 -33.25	145.93 7.90 -26.72	146.45 7.06 -27.31
WHITEHAL_115KV_TB1 80871	155.13 14.61 0.00	148.87 13.78 -3.90	146.94 12.05 -17.89	147.58 14.63 0.00	150.74 14.69 0.00	160.36 16.93 0.00	189.40 20.29 0.00	215.29 23.41 0.00	203.49 21.64 0.00	179.84 18.98 0.00	169.44 17.07 0.00	162.41 15.83 0.00	160.75 12.36 -32.84	157.26 11.93 -29.54	156.94 11.71 -32.59	163.68 12.77 -34.81	174.06 12.97 -48.32	203.99 13.79 -74.29	216.29 15.17 -77.80	199.27 13.48 -70.60	181.61 13.56 -49.11	168.36 12.39 -43.32	157.69 11.58 -34.82	158.98 11.32 -35.58
WHITEPLN_13_KV_LOAD 356215	150.92 10.40 0.00	144.52 10.23 -3.09	140.41 9.24 -14.17	142.93 9.97 0.00	145.84 9.80 0.00	153.76 10.33 0.00	179.76 10.65 0.00	204.93 13.05 0.00	195.31 13.46 0.00	174.85 13.99 0.00	165.63 13.26 0.00	159.92 13.34 0.00	152.47 10.86 -26.06	150.21 11.00 -23.42	148.96 10.48 -25.84	154.38 10.68 -27.60	161.45 10.37 -38.31	185.59 10.78 -58.90	196.97 11.96 -61.68	181.88 10.71 -55.98	168.82 10.94 -38.94	157.02 10.03 -34.35	149.04 10.13 -27.60	149.25 8.97 -28.21
WM_FLOYD_69_KV_BK2 356380	153.59 13.07 0.00	147.54 13.25 -3.09	144.77 12.28 -15.49	145.85 12.90 0.00	148.57 12.52 0.00	156.20 12.77 0.00	182.47 13.36 0.00	205.50 13.62 0.00	196.58 14.73 0.00	176.46 15.60 0.00	167.16 14.78 0.00	162.26 15.68 0.00	155.36 12.94 -26.87	153.87 13.20 -24.88	154.06 12.73 -28.69	158.37 13.24 -29.04	163.44 12.29 -38.38	197.35 13.21 -68.22	210.72 14.55 -72.85	194.73 12.90 -66.64	170.91 12.96 -39.01	158.88 11.83 -34.41	153.89 12.47 -30.12	151.77 11.43 -28.26
WOODARD___115KV_TB2 355635	138.55 -1.97 0.00	129.84 -1.71 -0.35	117.31 -1.29 -1.60	131.36 -1.60 0.00	134.01 -2.04 0.00	141.28 -2.15 0.00	166.06 -3.04 0.00	185.93 -5.95 0.00	176.22 -5.64 0.00	156.03 -4.83 0.00	147.96 -4.42 0.00	142.03 -4.54 0.00	115.31 -3.00 -2.76	115.25 -3.01 -2.48	112.22 -3.15 -2.73	116.00 -3.02 -2.92	113.66 -3.16 -4.05	119.12 -3.01 -6.23	128.61 -1.23 -6.52	119.61 -1.50 -5.92	121.03 -2.02 -4.12	114.47 -1.80 -3.63	112.22 -2.00 -2.92	112.93 -2.13 -2.98
YORK___WARBASSE 23770	249.70 11.38 -97.80	228.47 10.89 -86.38	212.60 9.71 -85.89	218.77 10.37 -75.44	220.79 10.48 -74.27	229.85 11.04 -75.37	280.42 10.48 -100.83	320.91 12.86 -116.18	314.32 13.64 -118.83	287.14 14.48 -111.81	275.87 13.56 -109.93	275.99 13.78 -115.63	269.58 11.21 -142.82	267.31 11.35 -140.17	266.05 10.81 -142.59	273.27 11.15 -146.03	377.41 10.71 -253.93	393.01 11.01 -266.09	497.60 12.09 -362.19	374.53 10.83 -248.51	374.20 11.30 -243.96	368.46 10.70 -245.12	206.33 10.69 -84.34	166.96 9.86 -45.02