

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/23/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
		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 24138		190.03	133.45	137.30	115.32	113.77	119.66	113.42	133.51	140.54	153.02	199.34	207.20	154.05	167.48	158.75	139.71	155.14	184.09	146.16	137.06	142.79	197.94	167.88	151.74
		13.94	10.52	11.12	9.28	9.07	9.64	9.38	10.91	11.88	12.50	16.41	10.25	11.54	7.62	13.00	12.42	13.28	13.24	11.88	11.92	8.24	17.27	11.17	8.82
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.83	-5.43	-6.44	-9.34	-80.08	-10.19	-68.79	0.01	-0.01	-8.81	-33.65	-9.66	-0.01	-47.79	-0.49	-40.31	-41.51
74TH STREET_GT_1 24260		190.03	133.44	137.27	115.32	113.76	119.63	113.42	133.45	140.42	152.88	199.04	207.14	153.94	167.41	158.64	139.58	154.99	184.05	146.14	136.96	142.76	197.93	167.81	151.69
		13.94	10.51	11.09	9.29	9.06	9.61	9.38	10.85	11.76	12.36	16.11	10.18	11.43	7.53	12.88	12.29	13.12	13.19	11.86	11.82	8.22	17.26	11.10	8.77
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.83	-5.43	-6.44	-9.35	-80.09	-10.20	-68.80	0.01	-0.01	-8.82	-33.66	-9.66	-0.01	-47.80	-0.49	-40.31	-41.51
74TH STREET_GT_2 24261		190.03	133.44	137.27	115.32	113.76	119.63	113.42	133.45	140.42	152.88	199.04	207.14	153.94	167.41	158.64	139.58	154.99	184.05	146.14	136.96	142.76	197.93	167.81	151.69
		13.94	10.51	11.09	9.29	9.06	9.61	9.38	10.85	11.76	12.36	16.11	10.18	11.43	7.53	12.88	12.29	13.12	13.19	11.86	11.82	8.22	17.26	11.10	8.77
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.83	-5.43	-6.44	-9.35	-80.09	-10.20	-68.80	0.01	-0.01	-8.82	-33.66	-9.66	-0.01	-47.80	-0.49	-40.31	-41.51
ADK HUDSON___FALLS 24011		189.67	132.55	136.01	114.22	112.87	118.93	113.12	177.70	173.70	205.23	250.88	234.23	155.05	189.65	155.36	136.59	154.58	146.00	146.48	134.74	154.54	193.65	176.22	161.05
		13.58	9.62	9.83	8.19	8.18	8.91	9.08	10.61	11.25	12.39	16.09	9.41	8.99	5.83	9.60	9.30	10.60	10.50	9.47	9.60	6.53	12.85	8.14	6.44
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-53.32	-39.22	-58.77	-61.20	-107.95	-13.75	-92.75	0.00	-0.01	-10.93	1.69	-12.39	-0.02	-61.27	-0.63	-51.67	-53.21
ADK RESOURCE___RCVRY 23798		190.91	133.42	136.86	114.87	113.54	119.72	113.92	179.16	175.13	206.96	253.21	235.56	156.26	190.47	156.40	137.75	155.92	147.27	147.52	135.83	155.32	195.06	177.22	161.72
		14.82	10.49	10.68	8.84	8.84	9.70	9.87	11.80	12.47	13.80	18.12	10.67	10.19	6.58	10.63	10.46	11.93	11.80	10.50	10.68	7.26	14.25	9.11	7.07
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-53.58	-39.42	-59.08	-61.51	-108.02	-13.76	-92.81	0.00	-0.01	-10.94	1.73	-12.39	-0.02	-61.31	-0.63	-51.71	-53.24
ADK S GLENS___FALLS 24028		189.67	132.55	136.01	114.22	112.87	118.93	113.12	177.70	173.70	205.23	250.88	234.23	155.05	189.65	155.36	136.59	154.58	146.00	146.48	134.74	154.54	193.65	176.22	161.05
		13.58	9.62	9.83	8.19	8.18	8.91	9.08	10.61	11.25	12.39	16.09	9.41	8.99	5.83	9.60	9.30	10.60	10.50	9.47	9.60	6.53	12.85	8.14	6.44
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-53.32	-39.22	-58.77	-61.20	-107.95	-13.75	-92.75	0.00	-0.01	-10.93	1.69	-12.39	-0.02	-61.27	-0.63	-51.67	-53.21
ADK_NYS___DAM 23527		186.85	130.51	133.98	112.63	110.97	116.40	110.48	160.14	159.19	184.11	228.89	227.19	152.58	185.68	154.49	135.77	153.45	148.04	145.20	134.00	151.91	192.86	174.01	159.30
		10.75	7.58	7.80	6.59	6.27	6.37	6.44	7.04	7.48	7.99	10.47	6.25	7.01	5.19	8.72	8.48	9.77	9.25	8.64	8.86	6.09	12.08	7.78	6.58
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.33	-28.48	-42.05	-44.84	-104.08	-13.25	-89.42	0.00	-0.01	-10.63	-1.60	-11.94	-0.02	-59.07	-0.61	-49.82	-51.30
AIR_PRODUCTS___DRP 24190		183.04	127.88	131.35	110.42	108.92	114.45	108.50	149.27	150.20	171.29	215.59	226.08	150.44	184.49	150.97	130.74	147.64	138.34	140.12	128.85	148.74	186.29	170.16	157.35
		6.95	4.95	5.16	4.38	4.22	4.43	4.45	4.73	5.13	5.53	7.22	4.34	4.77	3.31	5.21	3.45	3.99	3.51	3.49	3.71	2.57	5.51	3.64	4.33
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-30.77	-21.84	-31.68	-34.78	-104.88	-13.36	-90.11	0.00	-0.01	-10.60	2.36	-12.01	-0.02	-59.42	-0.61	-50.11	-51.60
AKWESSNE_115KV_BK 355683		174.45	121.64	124.68	104.88	103.49	108.61	102.37	111.92	121.45	132.54	171.45	114.34	128.98	90.24	145.31	126.07	131.38	136.18	123.26	123.63	85.76	178.32	115.24	100.75
		-1.65	-1.29	-1.50	-1.16	-1.21	-1.41	-1.68	-1.85	-1.78	-1.53	-2.13	-2.53	-3.33	-0.83	-0.45	-1.20	-1.67	-1.02	-1.36	-1.50	-0.99	-1.85	-1.17	-0.66
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833		185.16	129.27	132.80	111.62	110.20	115.83	109.78	144.59	146.94	165.44	210.01	224.80	150.98	183.11	152.20	132.86	149.86	143.45	142.43	131.30	149.36	189.64	171.24	157.47
		9.07	6.34	6.62	5.58	5.51	5.81	5.73	6.13	6.53	6.91	8.74	5.35	5.60	3.89	6.44	5.57	6.37	6.25	6.01	6.16	4.29	8.86	5.65	5.41
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-24.69	-17.18	-24.45	-27.68	-102.59	-13.06	-88.15	0.00	-0.01	-10.44	0.00	-11.79	-0.02	-58.32	-0.60	-49.18	-50.65
ALBANY_2_SOLAR 323834		185.10	129.21	132.75	111.57	110.14	115.76	109.73	144.52	146.87	165.38	209.92	224.79	150.88	183.09	152.14	132.81	149.80	143.39	142.38	131.28	149.31	189.53	171.20	157.44
		9.01	6.28	6.57	5.53	5.45	5.74	5.69	6.07	6.47	6.86	8.66	5.32	5.51	3.86	6.38	5.53	6.31	6.19	5.97	6.14	4.23	8.76	5.60	5.37
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-24.68	-17.17	-24.44	-27.67	-102.60	-13.07	-88.16	0.00	-0.01	-10.44	0.00	-11.79	-0.02	-58.33	-0.60	-49.19	-50.65
ALBANY___1 23571		183.04	127.88	131.35	110.42	108.92	114.45	108.50	149.27	150.20	171.29	215.59	226.08	150.44	184.49	150.97	130.74	147.64	138.34	140.12	128.85	148.74	186.29	170.16	157.35
		6.95	4.95	5.16	4.38	4.22	4.43	4.45	4.73	5.13	5.53	7.22	4.34	4.77	3.31	5.21	3.45	3.99	3.51	3.49	3.71	2.57	5.51	3.64	4.33
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-30.77	-21.84	-31.68	-34.78	-104.88	-13.36	-90.11	0.00	-0.01	-10.60	2.36	-12.01	-0.02	-59.42	-0.61	-50.11	-51.60

ALBANY___2 23572	183.04 6.95 0.00	127.88 4.95 0.00	131.35 5.16 0.00	110.42 4.38 0.00	108.92 4.22 0.00	114.45 4.43 0.00	108.50 4.45 0.00	149.27 4.73 -30.77	150.20 5.13 -21.84	171.29 5.53 -31.68	215.59 7.22 -34.78	226.08 4.34 -104.88	150.44 4.77 -13.36	184.49 3.31 -90.11	150.97 5.21 0.00	130.74 3.45 -0.01	147.64 3.99 -10.60	138.34 3.51 2.36	140.12 3.49 -12.01	128.85 3.71 -0.02	148.74 2.57 -59.42	186.29 5.51 -0.61	170.16 3.64 -50.11	157.35 4.33 -51.60
ALBANY___3 23573	183.04 6.95 0.00	127.88 4.95 0.00	131.35 5.16 0.00	110.42 4.38 0.00	108.92 4.22 0.00	114.45 4.43 0.00	108.50 4.45 0.00	149.27 4.73 -30.77	150.20 5.13 -21.84	171.29 5.53 -31.68	215.59 7.22 -34.78	226.08 4.34 -104.88	150.44 4.77 -13.36	184.49 3.31 -90.11	150.97 5.21 0.00	130.74 3.45 -0.01	147.64 3.99 -10.60	138.34 3.51 2.36	140.12 3.49 -12.01	128.85 3.71 -0.02	148.74 2.57 -59.42	186.29 5.51 -0.61	170.16 3.64 -50.11	157.35 4.33 -51.60
ALBANY___4 23574	183.04 6.95 0.00	127.88 4.95 0.00	131.35 5.16 0.00	110.42 4.38 0.00	108.92 4.22 0.00	114.45 4.43 0.00	108.50 4.45 0.00	149.27 4.73 -30.77	150.20 5.13 -21.84	171.29 5.53 -31.68	215.59 7.22 -34.78	226.08 4.34 -104.88	150.44 4.77 -13.36	184.49 3.31 -90.11	150.97 5.21 0.00	130.74 3.45 -0.01	147.64 3.99 -10.60	138.34 3.51 2.36	140.12 3.49 -12.01	128.85 3.71 -0.02	148.74 2.57 -59.42	186.29 5.51 -0.61	170.16 3.64 -50.11	157.35 4.33 -51.60
ALBANY___LFGE 323615	184.44 8.35 0.00	128.81 5.88 0.00	132.31 6.12 0.00	111.22 5.18 0.00	109.70 5.00 0.00	115.31 5.29 0.00	109.34 5.30 0.00	156.91 5.70 -37.43	156.37 6.16 -26.98	180.49 6.73 -39.69	225.03 8.85 -42.60	228.05 5.40 -105.79	151.73 5.95 -13.47	186.08 4.11 -90.89	152.33 6.57 0.00	132.25 4.97 -0.01	149.42 5.67 -10.70	140.42 5.29 2.08	141.85 5.11 -12.12	130.44 5.29 -0.02	150.33 3.65 -59.93	188.35 7.56 -0.62	171.90 4.94 -50.55	158.66 5.19 -52.05
ALCOA_PA_115KV_PL-6C 55860	175.80 -0.29 0.00	122.56 -0.37 0.00	125.59 -0.59 0.00	105.65 -0.39 0.00	104.25 -0.45 0.00	109.37 -0.65 0.00	102.99 -1.05 0.00	112.71 -1.06 0.00	122.24 -0.99 0.00	133.45 -0.63 0.00	172.64 -0.95 0.00	115.04 -1.83 0.00	129.80 -2.51 0.00	90.74 -0.33 0.00	145.93 0.17 0.00	126.62 -0.65 0.00	131.91 -1.14 0.00	136.76 -0.43 0.00	123.78 -0.85 0.00	124.13 -1.00 0.00	86.10 -0.65 0.00	179.31 -0.86 0.00	115.96 -0.45 0.00	101.45 0.04 0.00
ALCOA_RYNLDS___DRP 24188	175.80 -0.29 0.00	122.56 -0.37 0.00	125.59 -0.59 0.00	105.65 -0.39 0.00	104.25 -0.45 0.00	109.37 -0.65 0.00	102.99 -1.05 0.00	112.71 -1.06 0.00	122.24 -0.99 0.00	133.45 -0.63 0.00	172.64 -0.95 0.00	115.04 -1.83 0.00	129.80 -2.51 0.00	90.74 -0.33 0.00	145.93 0.17 0.00	126.62 -0.65 0.00	131.91 -1.14 0.00	136.76 -0.43 0.00	123.78 -0.85 0.00	124.13 -1.00 0.00	86.10 -0.65 0.00	179.31 -0.86 0.00	115.96 -0.45 0.00	101.45 0.04 0.00
ALCOA___DSASP 323711	175.80 -0.29 0.00	122.56 -0.37 0.00	125.60 -0.59 0.00	105.65 -0.39 0.00	104.25 -0.45 0.00	109.37 -0.65 0.00	102.99 -1.05 0.00	112.69 -1.08 0.00	122.24 -0.99 0.00	133.45 -0.62 0.00	172.62 -0.96 0.00	115.10 -1.77 0.00	129.76 -2.55 0.00	90.74 -0.33 0.00	145.93 0.17 0.00	126.64 -0.64 0.00	131.96 -1.08 0.00	136.75 -0.45 0.00	123.78 -0.84 0.00	124.13 -1.00 0.00	86.12 -0.63 0.00	179.32 -0.85 0.00	115.96 -0.45 0.00	101.45 0.04 0.00
ALLEGHENY___COGEN 23514	156.41 -19.68 0.00	108.64 -14.29 0.00	110.35 -15.83 0.00	94.24 -11.79 0.00	93.20 -11.49 0.00	97.83 -12.19 0.00	93.12 -10.93 0.00	158.72 -13.76 -58.71	138.34 -14.54 -29.66	117.55 -16.71 -0.19	152.32 -22.31 -1.05	116.63 -14.38 -14.14	117.38 -16.72 -1.79	92.59 -10.93 -12.45	125.66 -20.05 0.06	110.03 -17.24 0.00	114.16 -17.40 1.49	122.01 -16.71 -1.53	110.95 -15.37 -1.70	111.10 -14.03 0.00	92.32 -2.83 -8.41	170.39 -9.86 -0.09	117.00 -6.51 -7.09	103.66 -5.06 -7.30
ALTAMONT_115KV_TB 2 55880	182.46 6.37 0.00	127.51 4.58 0.00	130.97 4.79 0.00	110.06 4.02 0.00	108.60 3.90 0.00	114.15 4.13 0.00	108.16 4.11 0.00	144.12 4.47 -25.87	146.10 4.82 -18.06	165.00 5.15 -25.77	209.28 6.65 -29.05	225.62 3.95 -104.80	149.95 4.29 -13.35	184.07 2.95 -90.05	150.73 4.96 0.00	131.66 4.37 -0.01	148.51 4.91 -10.55	138.37 4.73 3.56	141.29 4.66 -12.02	129.94 4.80 -0.02	149.57 3.38 -59.44	187.67 6.89 -0.61	170.95 4.40 -50.13	157.05 4.01 -51.63
ALTONA_WT_PWR 323606	176.59 0.50 0.00	123.14 0.21 0.00	126.07 -0.11 0.00	106.12 0.09 0.00	104.85 0.15 0.00	109.76 -0.26 0.00	103.72 -0.32 0.00	113.90 0.13 0.00	123.59 0.36 0.00	135.02 0.94 0.00	174.68 1.09 0.00	116.25 -0.62 0.00	131.14 -1.18 0.00	91.87 0.80 0.00	147.99 2.22 0.00	128.65 1.37 0.00	133.59 0.54 0.00	138.08 0.88 0.00	125.08 0.46 0.00	125.33 0.20 0.00	87.05 0.30 0.00	180.78 0.61 0.00	115.96 -0.45 0.00	101.46 0.05 0.00
AMERICAN_REF_FUEL 24010	154.98 -21.11 0.00	107.29 -15.64 0.00	110.47 -15.72 0.00	92.89 -13.15 0.00	92.45 -12.25 0.00	96.84 -13.18 0.00	90.47 -13.57 0.00	84.88 -17.07 11.82	98.34 -18.77 6.12	113.17 -20.93 -0.02	145.26 -28.28 0.04	107.14 -18.91 -9.19	111.94 -21.62 -1.25	87.85 -14.26 -11.04	121.53 -24.04 0.20	106.38 -20.90 0.00	100.77 -22.83 9.44	117.75 -22.76 -3.31	120.27 -21.07 -16.73	117.29 -21.06 -13.22	77.54 -14.76 -5.56	135.71 -30.24 14.22	104.43 -18.33 -6.36	94.40 -13.55 -6.55
ARKWRIGHT___SUMMIT_WT_PWR 323751	164.11 -11.98 0.00	112.98 -9.95 0.00	116.01 -10.17 0.00	96.07 -9.96 0.00	96.91 -7.78 0.00	100.70 -9.32 0.00	94.63 -9.41 0.00	88.53 -12.88 12.36	102.18 -14.64 6.41	117.80 -16.32 -0.05	151.94 -22.02 -0.37	113.59 -14.73 -11.45	116.51 -17.30 -1.51	91.53 -11.86 -12.32	124.81 -20.76 0.19	109.18 -18.10 0.00	104.82 -19.47 8.75	119.88 -18.84 -1.52	105.42 -17.32 1.87	107.70 -17.43 0.00	78.58 -12.48 -4.31	144.86 -25.49 9.82	107.65 -15.85 -7.08	96.95 -11.75 -7.29
ARTHUR KILL_GT_1 23520	188.61 13.28 0.76	133.08 10.15 0.00	136.73 10.55 0.00	115.10 9.06 0.00	113.41 8.71 0.00	119.29 9.26 0.00	108.16 9.18 5.06	117.66 10.71 6.82	120.27 11.71 14.66	126.19 12.14 20.02	186.15 15.40 2.83	123.81 9.59 2.65	111.88 10.89 31.33	112.05 7.13 -13.85	110.62 12.25 47.39	111.19 11.98 28.07	109.44 12.86 36.46	128.58 12.91 21.53	111.94 11.75 24.42	110.28 11.70 26.55	110.34 8.09 -15.50	131.67 16.67 65.17	119.50 10.83 7.74	132.31 8.48 -22.42
ARTHUR_KILL_2 23512	188.01 12.67 0.76	132.65 9.72 0.00	136.31 10.12 0.00	114.77 8.73 0.00	113.08 8.38 0.00	118.92 8.90 0.00	107.78 8.80 5.06	117.24 10.29 6.82	119.81 11.24 14.66	125.73 11.67 20.02	185.58 14.82 2.83	123.46 9.24 2.65	111.47 10.48 31.33	111.78 6.86 -13.85	110.18 11.81 47.39	110.75 11.54 28.07	108.97 12.39 36.46	128.07 12.40 21.53	111.48 11.28 24.42	109.81 11.23 26.55	110.02 7.77 -15.50	130.99 15.99 65.17	119.11 10.44 7.74	131.98 8.14 -22.42
ARTHUR_KILL_3 23513	187.10 11.76 0.75	132.00 9.07 0.00	135.78 9.59 0.00	114.01 7.98 0.00	112.44 7.74 0.00	118.24 8.22 0.00	111.60 8.00 0.44	127.26 9.23 -4.26	121.10 9.85 11.98	129.35 10.33 15.06	188.39 13.53 -1.28	125.91 8.40 -0.63	116.07 9.41 25.66	116.06 6.13 -18.86	114.05 10.66 42.38	123.58 10.39 14.09	130.40 11.15 13.80	161.73 11.12 -13.42	116.47 9.92 18.07	111.10 9.95 23.98	117.12 6.92 -23.45	143.24 14.74 51.67	123.44 9.52 2.48	135.96 7.43 -27.13

ARTHUR_KILL_COGEN 323718	188.61 13.28 0.76	133.08 10.15 0.00	136.73 10.55 0.00	115.10 9.06 0.00	113.41 8.71 0.00	119.29 9.26 0.00	108.16 9.18 5.06	117.66 10.71 6.82	120.27 11.71 14.66	126.19 12.14 20.02	186.15 15.40 2.83	123.81 9.59 2.65	111.88 10.89 31.33	112.05 7.13 -13.85	110.62 12.25 47.39	111.19 11.98 28.07	109.44 12.86 36.46	128.58 12.91 21.53	111.94 11.75 24.42	110.28 11.70 26.55	110.34 8.09 -15.50	131.67 16.67 65.17	119.50 10.83 7.74	132.31 8.48 -22.42
ASHOKAN____ 23654	197.58 21.49 0.00	138.04 15.11 0.00	141.82 15.63 0.00	119.23 13.20 0.00	117.89 13.19 0.00	124.35 14.33 0.00	118.28 14.24 0.00	149.29 15.84 -19.69	153.96 17.27 -13.46	170.87 17.91 -18.89	217.72 22.21 -21.92	223.81 13.82 -93.13	158.91 14.74 -11.86	180.92 9.79 -80.06	162.79 17.03 0.00	143.62 16.33 -0.01	161.03 18.44 -9.54	168.72 20.12 -11.40	152.73 17.24 -10.87	142.48 17.34 -0.02	151.84 11.34 -53.75	204.53 23.80 -0.55	176.09 14.35 -45.33	159.88 11.79 -46.68
ASTORIA_EAST_ENERGY_CC1 323581	189.21 13.13 0.00	132.84 9.91 0.00	136.75 10.56 0.00	114.79 8.75 0.00	113.24 8.54 0.00	118.96 8.94 0.00	112.87 8.83 0.00	132.52 9.91 -8.83	139.49 10.82 -5.44	151.78 11.26 -6.45	197.51 14.59 -9.34	206.22 9.27 -80.09	153.04 10.52 -10.20	166.73 6.85 -68.80	157.65 11.90 0.01	138.93 11.65 -0.01	154.01 12.15 -8.82	183.14 12.29 -33.66	145.39 11.11 -9.66	135.78 10.64 -0.01	142.25 7.70 -47.80	197.14 16.48 -0.49	167.31 10.59 -40.31	151.25 8.33 -41.51
ASTORIA_EAST_ENERGY_CC2 323582	189.29 13.20 0.00	132.91 9.97 0.00	136.79 10.60 0.00	114.85 8.82 0.00	113.28 8.58 0.00	118.97 8.95 0.00	112.87 8.83 0.00	132.52 9.91 -8.83	139.49 10.82 -5.44	151.79 11.27 -6.45	197.58 14.65 -9.34	206.25 9.29 -80.09	153.07 10.56 -10.20	166.73 6.85 -68.80	157.69 11.93 0.01	138.94 11.66 -0.01	154.03 12.17 -8.82	183.18 12.32 -33.66	145.43 11.14 -9.66	135.78 10.64 -0.01	142.27 7.72 -47.80	197.24 16.57 -0.49	167.37 10.65 -40.31	151.30 8.37 -41.51
ASTORIA_GT2_1 24094	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT2_2 24095	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT2_3 24096	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT2_4 24097	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT3_1 24098	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT3_2 24099	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT3_3 24100	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT3_4 24101	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT4_1 24102	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT4_2 24103	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT4_3 24104	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51

ASTORIA_GT4_4 24105	189.29 13.20 0.00	132.90 9.97 0.00	136.78 10.60 0.00	114.86 8.82 0.00	113.29 8.59 0.00	119.01 8.99 0.00	112.89 8.85 0.00	132.67 10.06 -8.83	139.53 10.86 -5.44	151.87 11.35 -6.45	197.57 14.64 -9.35	206.27 9.31 -80.09	153.12 10.61 -10.20	166.77 6.90 -68.80	157.78 12.02 0.01	138.99 11.70 -0.01	153.99 12.13 -8.82	183.23 12.37 -33.66	145.43 11.15 -9.66	135.79 10.65 -0.01	142.31 7.76 -47.80	197.27 16.60 -0.49	167.37 10.65 -40.31	151.29 8.37 -41.51
ASTORIA_GT_1 23523	189.64 13.55 0.00	133.15 10.22 0.00	137.02 10.83 0.00	115.02 8.99 0.00	113.48 8.78 0.00	119.22 9.20 0.00	113.09 9.05 0.00	132.81 10.20 -8.83	139.78 11.12 -5.44	152.17 11.65 -6.45	198.02 15.09 -9.34	206.56 9.60 -80.09	153.42 10.91 -10.20	166.99 7.12 -68.80	158.08 12.32 0.01	139.29 12.00 -0.01	154.39 12.53 -8.82	183.56 12.70 -33.66	145.76 11.48 -9.66	136.13 10.99 -0.01	142.51 7.96 -47.80	197.60 16.93 -0.49	167.61 10.89 -40.31	151.49 8.57 -41.51
ASTORIA_GT_10 24110	189.26 13.18 0.00	132.93 10.00 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.28 8.58 0.00	119.20 9.18 0.00	113.06 9.01 0.00	134.17 10.52 -9.88	140.32 11.32 -5.76	152.31 11.79 -6.45	198.00 15.07 -9.35	206.44 9.48 -80.09	153.24 10.73 -10.20	166.89 7.01 -68.80	157.81 12.05 0.01	138.99 11.71 -0.01	154.17 12.31 -8.82	183.21 12.35 -33.66	145.48 11.20 -9.66	136.34 11.20 -0.01	142.38 7.83 -47.80	197.03 16.37 -0.49	167.48 10.76 -40.31	151.42 8.50 -41.51
ASTORIA_GT_11 24225	189.26 13.18 0.00	132.93 10.00 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.28 8.58 0.00	119.20 9.18 0.00	113.06 9.01 0.00	134.17 10.52 -9.88	140.32 11.32 -5.76	152.31 11.79 -6.45	198.00 15.07 -9.35	206.44 9.48 -80.09	153.24 10.73 -10.20	166.89 7.01 -68.80	157.81 12.05 0.01	138.99 11.71 -0.01	154.17 12.31 -8.82	183.21 12.35 -33.66	145.48 11.20 -9.66	136.34 11.20 -0.01	142.38 7.83 -47.80	197.03 16.37 -0.49	167.48 10.76 -40.31	151.42 8.50 -41.51
ASTORIA_GT_12 24226	189.26 13.18 0.00	132.93 10.00 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.28 8.58 0.00	119.20 9.18 0.00	113.06 9.01 0.00	134.17 10.52 -9.88	140.32 11.32 -5.76	152.31 11.79 -6.45	198.00 15.07 -9.35	206.44 9.48 -80.09	153.24 10.73 -10.20	166.89 7.01 -68.80	157.81 12.05 0.01	138.99 11.71 -0.01	154.17 12.31 -8.82	183.21 12.35 -33.66	145.48 11.20 -9.66	136.34 11.20 -0.01	142.38 7.83 -47.80	197.03 16.37 -0.49	167.48 10.76 -40.31	151.42 8.50 -41.51
ASTORIA_GT_13 24227	189.26 13.18 0.00	132.93 10.00 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.28 8.58 0.00	119.20 9.18 0.00	113.06 9.01 0.00	134.17 10.52 -9.88	140.32 11.32 -5.76	152.31 11.79 -6.45	198.00 15.07 -9.35	206.44 9.48 -80.09	153.24 10.73 -10.20	166.89 7.01 -68.80	157.81 12.05 0.01	138.99 11.71 -0.01	154.17 12.31 -8.82	183.21 12.35 -33.66	145.48 11.20 -9.66	136.34 11.20 -0.01	142.38 7.83 -47.80	197.03 16.37 -0.49	167.48 10.76 -40.31	151.42 8.50 -41.51
ASTORIA_GT_5 24106	189.64 13.55 0.00	133.15 10.22 0.00	137.02 10.84 0.00	115.03 8.99 0.00	113.48 8.78 0.00	119.22 9.20 0.00	113.11 9.06 0.00	132.93 10.32 -8.83	139.80 11.14 -5.44	152.19 11.67 -6.45	198.00 15.07 -9.35	206.57 9.62 -80.09	153.42 10.91 -10.20	166.99 7.12 -68.80	158.09 12.33 0.01	139.30 12.01 -0.01	154.31 12.44 -8.82	183.55 12.69 -33.66	145.74 11.46 -9.66	136.11 10.97 -0.01	142.50 7.95 -47.80	197.64 16.97 -0.49	167.60 10.88 -40.31	151.49 8.57 -41.51
ASTORIA_GT_7 24107	189.64 13.55 0.00	133.15 10.22 0.00	137.02 10.84 0.00	115.03 8.99 0.00	113.48 8.78 0.00	119.22 9.20 0.00	113.11 9.06 0.00	132.93 10.32 -8.83	139.80 11.14 -5.44	152.19 11.67 -6.45	198.00 15.07 -9.35	206.57 9.62 -80.09	153.42 10.91 -10.20	166.99 7.12 -68.80	158.09 12.33 0.01	139.30 12.01 -0.01	154.31 12.44 -8.82	183.55 12.69 -33.66	145.74 11.46 -9.66	136.11 10.97 -0.01	142.50 7.95 -47.80	197.64 16.97 -0.49	167.60 10.88 -40.31	151.49 8.57 -41.51
ASTORIA_GT_8 24108	189.64 13.55 0.00	133.15 10.22 0.00	137.02 10.84 0.00	115.03 8.99 0.00	113.48 8.78 0.00	119.22 9.20 0.00	113.11 9.06 0.00	132.93 10.32 -8.83	139.80 11.14 -5.44	152.19 11.67 -6.45	198.00 15.07 -9.35	206.57 9.62 -80.09	153.42 10.91 -10.20	166.99 7.12 -68.80	158.09 12.33 0.01	139.30 12.01 -0.01	154.31 12.44 -8.82	183.55 12.69 -33.66	145.74 11.46 -9.66	136.11 10.97 -0.01	142.50 7.95 -47.80	197.64 16.97 -0.49	167.60 10.88 -40.31	151.49 8.57 -41.51
ASTORIA___2 24149	189.29 13.20 0.00	132.91 9.97 0.00	136.79 10.60 0.00	114.85 8.82 0.00	113.29 8.59 0.00	119.00 8.98 0.00	112.88 8.84 0.00	132.55 9.95 -8.83	139.52 10.85 -5.44	151.85 11.33 -6.45	197.66 14.73 -9.34	206.27 9.31 -80.09	153.11 10.60 -10.20	166.78 6.90 -68.80	157.75 12.00 0.01	139.01 11.72 -0.01	154.09 12.23 -8.82	183.20 12.35 -33.66	145.47 11.18 -9.66	135.81 10.67 -0.01	142.30 7.76 -47.80	197.24 16.57 -0.49	167.37 10.65 -40.31	151.30 8.37 -41.51
ASTORIA___3 23516	189.27 13.18 0.00	132.93 9.99 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.24 8.55 0.00	119.12 9.10 0.00	113.00 8.96 0.00	134.04 10.39 -9.88	140.29 11.30 -5.76	152.25 11.73 -6.45	198.02 15.09 -9.35	206.45 9.49 -80.09	153.24 10.73 -10.20	166.89 7.01 -68.80	157.81 12.05 0.01	138.99 11.70 -0.01	154.21 12.34 -8.82	183.21 12.35 -33.66	145.51 11.22 -9.66	136.34 11.20 -0.01	142.39 7.84 -47.80	197.00 16.33 -0.49	167.47 10.75 -40.31	151.42 8.50 -41.51
ASTORIA___4 23517	189.26 13.18 0.00	132.93 10.00 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.26 8.57 0.00	119.11 9.09 0.00	113.00 8.96 0.00	134.12 10.46 -9.88	140.26 11.27 -5.76	152.29 11.77 -6.45	198.00 15.07 -9.35	206.44 9.48 -80.09	153.24 10.73 -10.20	166.89 7.01 -68.80	157.82 12.06 0.01	139.00 11.72 -0.01	154.17 12.31 -8.82	183.21 12.35 -33.66	145.48 11.20 -9.66	136.34 11.20 -0.01	142.38 7.83 -47.80	197.03 16.37 -0.49	167.48 10.76 -40.31	151.42 8.50 -41.51
ASTORIA___5 23518	189.27 13.18 0.00	132.93 9.99 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.24 8.55 0.00	119.12 9.10 0.00	113.00 8.96 0.00	134.04 10.39 -9.88	140.29 11.30 -5.76	152.26 11.74 -6.45	198.02 15.09 -9.35	206.45 9.49 -80.09	153.24 10.73 -10.20	166.89 7.01 -68.80	157.81 12.05 0.01	138.99 11.70 -0.01	154.21 12.34 -8.82	183.21 12.35 -33.66	145.51 11.22 -9.66	136.34 11.20 -0.01	142.39 7.84 -47.80	197.00 16.33 -0.49	167.47 10.75 -40.31	151.42 8.50 -41.51
AST_ENERGY_2_CC3 323677	188.14 12.05 0.00	132.25 9.31 0.00	136.11 9.92 0.00	114.34 8.30 0.00	112.79 8.10 0.00	118.54 8.52 0.00	112.34 8.29 0.00	132.30 9.69 -8.83	139.14 10.48 -5.43	151.34 10.82 -6.44	197.17 14.24 -9.35	205.84 8.89 -80.09	152.49 9.98 -10.20	166.36 6.49 -68.80	157.00 11.24 0.01	138.25 10.96 -0.01	153.54 11.67 -8.82	182.48 11.63 -33.65	144.82 10.54 -9.66	135.48 10.33 -0.01	141.74 7.19 -47.80	196.32 15.66 -0.49	166.84 10.12 -40.31	150.86 7.94 -41.51
AST_ENERGY_2_CC4 323678	188.14 12.05 0.00	132.25 9.31 0.00	136.11 9.92 0.00	114.34 8.30 0.00	112.79 8.10 0.00	118.54 8.52 0.00	112.34 8.29 0.00	132.30 9.69 -8.83	139.14 10.48 -5.43	151.34 10.82 -6.44	197.17 14.24 -9.35	205.84 8.89 -80.09	152.49 9.98 -10.20	166.36 6.49 -68.80	157.00 11.24 0.01	138.25 10.96 -0.01	153.54 11.67 -8.82	182.48 11.63 -33.65	144.82 10.54 -9.66	135.48 10.33 -0.01	141.74 7.19 -47.80	196.32 15.66 -0.49	166.84 10.12 -40.31	150.86 7.94 -41.51

ATHENS_STG_1 23668	183.36 7.27 0.00	128.32 5.39 0.00	131.87 5.69 0.00	110.83 4.79 0.00	109.33 4.63 0.00	114.91 4.89 0.00	108.84 4.80 0.00	127.39 5.29 -8.32	133.68 5.72 -4.73	145.25 6.01 -5.16	190.03 7.86 -8.59	214.62 4.66 -93.10	149.36 5.19 -11.85	174.57 3.48 -80.01	151.76 6.00 0.01	133.12 5.83 -0.01	150.10 6.36 -10.70	194.15 6.22 -50.73	141.34 5.85 -10.87	131.14 6.00 -0.02	144.76 4.24 -53.78	189.38 8.65 -0.55	167.33 5.57 -45.36	152.73 4.62 -46.71
ATHENS_STG_2 23670	183.36 7.27 0.00	128.32 5.39 0.00	131.87 5.69 0.00	110.83 4.79 0.00	109.33 4.63 0.00	114.91 4.89 0.00	108.84 4.80 0.00	127.39 5.29 -8.32	133.68 5.72 -4.73	145.25 6.01 -5.16	190.03 7.86 -8.59	214.62 4.66 -93.10	149.36 5.19 -11.85	174.57 3.48 -80.01	151.76 6.00 0.01	133.12 5.83 -0.01	150.10 6.36 -10.70	194.15 6.22 -50.73	141.34 5.85 -10.87	131.14 6.00 -0.02	144.76 4.24 -53.78	189.38 8.65 -0.55	167.33 5.57 -45.36	152.73 4.62 -46.71
ATHENS_STG_3 23677	183.36 7.27 0.00	128.32 5.39 0.00	131.87 5.69 0.00	110.83 4.79 0.00	109.33 4.63 0.00	114.91 4.89 0.00	108.84 4.80 0.00	127.39 5.29 -8.32	133.68 5.72 -4.73	145.25 6.01 -5.16	190.03 7.86 -8.59	214.62 4.66 -93.10	149.36 5.19 -11.85	174.57 3.48 -80.01	151.76 6.00 0.01	133.12 5.83 -0.01	150.10 6.36 -10.70	194.15 6.22 -50.73	141.34 5.85 -10.87	131.14 6.00 -0.02	144.76 4.24 -53.78	189.38 8.65 -0.55	167.33 5.57 -45.36	152.73 4.62 -46.71
AUBURN___LFGE 323710	176.53 0.44 0.00	122.60 -0.33 0.00	125.36 -0.82 0.00	105.38 -0.65 0.00	104.37 -0.32 0.00	109.87 -0.15 0.00	103.88 -0.16 0.00	114.62 0.01 -0.85	124.29 0.72 -0.34	134.77 0.53 -0.17	176.30 0.53 -2.19	131.94 0.16 -14.91	133.53 -0.43 -1.65	99.30 -0.86 -9.09	144.55 -1.21 0.00	126.53 -0.75 0.00	133.45 -0.70 -1.11	138.28 -0.01 -1.10	134.91 -0.02 -10.31	125.11 -0.02 0.00	102.73 -0.51 -16.49	204.17 -1.21 -25.21	121.12 -0.46 -5.16	106.16 -0.57 -5.32
BABYLON_RES_REC 323704	191.30 15.21 0.00	155.83 12.24 -20.66	147.86 13.08 -8.60	152.29 11.27 -34.99	151.73 11.02 -36.01	152.51 11.39 -31.09	151.61 10.72 -36.84	146.57 12.73 -20.07	166.11 13.30 -29.58	174.37 13.76 -26.54	205.27 16.75 -14.93	206.87 9.90 -80.10	154.33 11.82 -10.20	167.56 7.68 -68.81	162.72 14.17 -2.79	145.29 13.56 -4.45	156.58 14.71 -8.82	203.83 14.23 -52.40	190.41 13.56 -52.23	148.78 14.17 -9.48	146.70 9.44 -50.51	202.44 19.11 -3.16	172.00 11.74 -43.86	151.99 9.06 -41.52
BABYLON___69_KV_BK2 356345	193.71 17.63 0.00	157.04 13.88 -20.23	149.38 14.78 -8.42	153.01 12.72 -34.26	152.42 12.47 -35.26	153.41 12.94 -30.44	152.32 12.21 -36.07	148.05 14.45 -19.83	167.34 15.04 -29.08	175.81 15.61 -26.12	207.21 18.81 -14.81	208.15 11.18 -80.10	155.90 13.39 -10.20	168.70 8.82 -68.81	164.68 16.18 -2.73	147.05 15.42 -4.36	158.54 16.67 -8.82	205.47 16.26 -52.01	191.40 15.44 -51.34	150.67 16.26 -9.28	148.07 10.86 -50.45	205.32 22.05 -3.10	173.67 13.48 -43.79	153.35 10.43 -41.52
BALL_HILL_WT_PWR 323825	162.64 -13.45 0.00	112.29 -10.64 0.00	115.51 -10.67 0.00	96.40 -9.63 0.00	96.49 -8.21 0.00	100.71 -9.31 0.00	94.46 -9.59 0.00	84.25 -12.52 17.00	100.30 -14.16 8.76	118.29 -15.82 -0.03	152.49 -21.32 -0.22	113.33 -14.10 -10.57	117.47 -16.25 -1.41	92.00 -10.92 -11.85	126.68 -18.88 0.20	110.64 -16.64 0.00	105.71 -18.02 9.31	121.18 -17.48 -1.46	105.98 -16.14 2.50	109.05 -16.07 0.00	78.75 -11.35 -3.36	145.72 -23.07 11.38	109.14 -14.09 -6.82	98.11 -10.33 -7.02
BARON_WINDS___WT_PWR 323822	167.93 -8.16 0.00	115.96 -6.97 0.00	119.33 -6.85 0.00	99.72 -6.32 0.00	98.75 -5.95 0.00	103.33 -6.69 0.00	97.72 -6.33 0.00	14.09 -8.06 91.62	68.37 -8.58 46.29	126.26 -9.44 -1.62	164.32 -11.91 -2.64	128.36 -7.34 -18.84	126.29 -8.33 -2.31	101.25 -5.68 -15.86	135.49 -10.17 0.11	117.97 -9.31 0.00	119.56 -9.51 3.97	130.08 -9.08 -1.97	120.59 -8.16 -4.14	116.95 -8.18 0.00	94.20 -5.54 -12.99	174.87 -10.87 -5.56	118.77 -6.69 -9.06	105.44 -5.29 -9.33
BARRETT_IC_1 23704	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_10 23701	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_11 23702	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_12 23703	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_2 23705	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_3 23706	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_4 23707	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52

BARRETT_IC_5 23708	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_6 23709	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_7 23710	188.94 12.85 0.00	152.30 10.24 -19.13	145.10 10.95 -7.96	147.68 9.26 -32.39	146.99 8.96 -33.34	148.17 9.36 -28.78	147.00 8.85 -34.10	143.64 10.63 -19.23	162.22 11.21 -27.79	170.90 11.78 -25.05	202.53 14.43 -14.52	205.79 8.82 -80.10	152.95 10.43 -10.20	166.70 6.82 -68.81	160.55 12.21 -2.58	142.80 11.41 -4.12	154.47 12.60 -8.82	200.48 12.27 -51.01	185.02 11.33 -49.06	145.60 11.69 -8.78	144.95 7.89 -50.31	199.32 16.18 -2.96	170.02 10.02 -43.60	150.70 7.78 -41.52
BARRETT_IC_8 23711	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT_IC_9 23700	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT___1 23545	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BARRETT___2 23546	188.94 12.85 0.00	152.28 10.22 -19.13	145.11 10.97 -7.96	147.68 9.25 -32.39	146.98 8.95 -33.34	148.16 9.36 -28.78	147.00 8.85 -34.10	143.61 10.60 -19.23	162.22 11.21 -27.79	170.86 11.74 -25.05	202.63 14.53 -14.52	205.81 8.85 -80.10	152.95 10.44 -10.20	166.70 6.82 -68.81	160.53 12.19 -2.58	142.80 11.41 -4.12	154.53 12.67 -8.82	200.46 12.26 -51.01	185.04 11.35 -49.06	145.62 11.71 -8.78	144.96 7.91 -50.31	199.28 16.15 -2.96	170.02 10.02 -43.60	150.71 7.78 -41.52
BATAVIA__115KV_TB1 55881	164.75 -11.34 0.00	113.98 -8.95 0.00	117.26 -8.92 0.00	98.53 -7.50 0.00	97.95 -6.75 0.00	102.89 -7.14 0.00	96.77 -7.27 0.00	96.91 -9.69 7.17	109.11 -10.37 3.75	122.36 -11.81 -0.10	157.04 -16.27 0.28	114.11 -11.04 -8.29	120.72 -12.77 -1.17	92.84 -8.43 -10.20	131.42 -14.24 0.10	115.08 -12.20 -0.01	115.16 -13.10 4.79	130.92 -13.01 -6.74	164.76 -12.23 -52.38	150.11 -12.26 -37.24	88.63 -8.80 -10.68	144.17 -18.44 17.56	111.00 -11.24 -5.83	99.29 -8.12 -6.01
BAYONEEC___CTG1 323682	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG10 323750	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG2 323683	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG3 323684	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG4 323685	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG5 323686	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG6 323687	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02

BAYONEEC___CTG7 323688	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG8 323689	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BAYONEEC___CTG9 323749	187.79 12.38 0.68	132.47 9.54 0.00	136.34 10.15 0.00	114.51 8.48 0.00	112.95 8.25 0.00	118.77 8.75 0.00	112.03 8.38 0.40	128.18 9.72 -4.68	123.29 10.46 10.41	131.95 10.94 13.07	196.07 14.44 -8.04	197.59 9.04 -71.68	149.90 10.17 -7.42	161.72 6.64 -64.01	152.42 11.43 4.77	126.75 11.05 11.58	133.17 11.83 11.71	164.27 11.79 -15.28	126.95 10.60 8.26	118.25 10.61 17.48	126.37 7.41 -32.21	186.71 15.73 9.19	176.43 10.16 -49.86	152.41 7.97 -43.02
BEACON___LESR 323632	186.95 10.86 0.00	130.32 7.39 0.00	133.87 7.69 0.00	112.44 6.41 0.00	111.18 6.48 0.00	116.94 6.92 0.00	110.94 6.89 0.00	152.60 7.54 -31.29	153.71 8.24 -22.24	175.16 8.77 -32.31	220.47 6.96 -35.39	228.61 7.60 -104.79	153.26 5.24 -13.34	186.34 8.44 -90.03	154.20 4.77 0.00	133.98 6.69 -0.01	151.36 7.71 -10.60	142.71 7.58 2.08	143.70 7.08 -12.00	132.48 7.33 -0.02	151.16 5.06 -59.36	191.08 10.29 -0.61	173.16 6.70 -50.06	159.48 6.52 -51.55
BEAVER RIVER___HYD 24048	181.71 5.62 0.00	126.85 3.92 0.00	130.06 3.87 0.00	108.67 2.63 0.00	107.60 2.91 0.00	113.15 3.13 0.00	107.22 3.18 0.00	117.68 3.91 0.00	127.14 3.92 0.00	139.28 5.20 0.00	180.06 6.48 0.00	123.63 3.36 -3.40	135.82 3.08 -0.43	96.58 2.61 -2.89	149.66 3.89 0.00	128.66 1.39 0.00	133.74 0.39 -0.30	137.12 -0.08 0.00	124.91 -0.06 -0.35	124.60 -0.53 0.00	88.06 -0.42 -1.72	178.87 -1.32 -0.02	116.42 -1.44 -1.45	101.03 -1.87 -1.50
BEEBEE_GT_13 23619	166.45 -9.64 0.00	115.53 -7.40 0.00	118.78 -7.40 0.00	99.83 -6.21 0.00	99.01 -5.69 0.00	104.05 -5.97 0.00	98.08 -5.96 0.00	106.19 -7.69 -0.11	114.99 -8.29 -0.05	124.77 -9.33 -0.03	159.61 -8.51 1.40	114.45 -8.51 -6.09	123.47 -9.88 -1.03	93.51 -6.43 -8.87	134.90 -10.89 -0.02	117.83 -9.45 0.00	125.42 -10.04 -2.42	128.85 -10.07 -1.73	114.39 -9.48 0.75	120.14 -9.54 -4.55	77.04 -6.76 2.95	141.17 -14.23 24.77	112.59 -8.84 -5.01	99.78 -6.79 -5.16
BENSHRST_27_KV_BENSHRST_1 355998	199.21 15.31 -7.81	134.41 11.48 0.00	138.19 12.00 0.00	116.14 10.10 0.00	114.48 9.78 0.00	120.47 10.45 0.00	114.32 10.27 0.00	171.21 11.98 -45.45	317.37 12.97 -181.17	411.80 13.68 -264.05	278.72 17.52 -87.62	291.23 11.10 -163.27	253.48 12.56 -108.61	264.52 8.31 -165.14	264.24 14.08 -104.40	302.60 13.43 -161.89	407.33 14.26 -260.03	361.46 14.37 -209.89	339.19 13.05 -201.53	335.47 13.07 -197.28	324.42 9.07 -228.60	358.36 18.88 -159.31	241.36 12.26 -112.69	152.62 9.70 -41.51
BETHLEHEM___GRP 23843	183.04 6.95 0.00	127.88 4.95 0.00	131.35 5.16 0.00	110.42 4.38 0.00	108.92 4.22 0.00	114.45 4.43 0.00	108.50 4.45 0.00	149.27 4.73 -30.77	150.20 5.13 -21.84	171.29 5.53 -31.68	215.59 7.22 -34.78	226.08 4.34 -104.88	150.44 4.77 -13.36	184.49 3.31 -90.11	150.97 5.21 0.00	130.74 3.45 -0.01	147.64 3.99 -10.60	138.34 3.51 2.36	140.12 3.49 -12.01	128.85 3.71 -0.02	148.74 2.57 -59.42	186.29 5.51 -0.61	170.16 3.64 -50.11	157.35 4.33 -51.60
BETHLEHEM___GS1 323560	183.04 6.96 0.00	127.88 4.95 0.00	131.35 5.17 0.00	110.42 4.39 0.00	108.92 4.22 0.00	114.46 4.44 0.00	108.49 4.45 0.00	149.24 4.70 -30.77	150.20 5.12 -21.84	171.28 5.53 -31.68	215.61 7.24 -34.78	226.07 4.32 -104.88	150.44 4.77 -13.36	184.49 3.31 -90.11	150.96 5.19 0.00	130.73 3.45 -0.01	147.65 4.00 -10.60	138.34 3.51 2.36	140.12 3.48 -12.01	128.85 3.71 -0.02	148.74 2.57 -59.42	186.28 5.50 -0.61	170.17 3.65 -50.11	157.34 4.33 -51.60
BETHLEHEM___GS2 323561	183.04 6.96 0.00	127.88 4.95 0.00	131.35 5.17 0.00	110.42 4.39 0.00	108.92 4.22 0.00	114.46 4.44 0.00	108.49 4.45 0.00	149.24 4.70 -30.77	150.20 5.12 -21.84	171.28 5.53 -31.68	215.61 7.24 -34.78	226.07 4.32 -104.88	150.44 4.77 -13.36	184.49 3.31 -90.11	150.96 5.19 0.00	130.73 3.45 -0.01	147.65 4.00 -10.60	138.34 3.51 2.36	140.12 3.48 -12.01	128.85 3.71 -0.02	148.74 2.57 -59.42	186.28 5.50 -0.61	170.17 3.65 -50.11	157.34 4.33 -51.60
BETHLEHEM___GS3 323562	183.04 6.96 0.00	127.88 4.95 0.00	131.35 5.17 0.00	110.42 4.39 0.00	108.92 4.22 0.00	114.46 4.44 0.00	108.49 4.45 0.00	149.24 4.70 -30.77	150.20 5.12 -21.84	171.28 5.53 -31.68	215.61 7.24 -34.78	226.07 4.32 -104.88	150.44 4.77 -13.36	184.49 3.31 -90.11	150.96 5.19 0.00	130.73 3.45 -0.01	147.65 4.00 -10.60	138.34 3.51 2.36	140.12 3.48 -12.01	128.85 3.71 -0.02	148.74 2.57 -59.42	186.28 5.50 -0.61	170.17 3.65 -50.11	157.34 4.33 -51.60
BETHLEHEM___STEEL 23779	162.29 -13.80 0.00	112.13 -10.80 0.00	115.38 -10.80 0.00	96.78 -9.25 0.00	96.36 -8.34 0.00	100.86 -9.17 0.00	94.53 -9.51 0.00	85.49 -12.53 15.75	101.40 -13.70 8.13	118.69 -15.42 -0.03	153.09 -20.70 -0.21	113.72 -13.66 -10.52	118.04 -15.68 -1.41	92.55 -10.36 -11.84	127.67 -17.89 0.20	111.58 -15.69 0.00	107.23 -16.64 9.18	122.06 -16.60 -1.46	106.69 -15.32 2.61	109.89 -15.24 0.00	79.29 -10.68 -3.23	146.61 -21.89 11.67	110.02 -13.20 -6.81	98.84 -9.58 -7.01
BETHLHEM_115KV_TB1 79974	182.88 6.79 0.00	127.79 4.86 0.00	131.27 5.09 0.00	110.35 4.31 0.00	108.84 4.14 0.00	114.39 4.36 0.00	108.40 4.36 0.00	148.00 4.65 -29.58	149.19 5.03 -20.92	169.74 5.42 -30.25	214.08 7.11 -33.39	225.90 4.23 -104.81	150.33 4.67 -13.35	184.35 3.23 -90.05	150.91 5.14 0.00	130.94 3.65 -0.01	147.81 4.18 -10.58	138.42 3.79 2.56	140.38 3.75 -12.01	129.11 3.97 -0.02	148.90 2.76 -59.39	186.64 5.86 -0.61	170.34 3.84 -50.09	157.29 4.30 -51.58
BETHPAGE_CC_5 323564	190.23 14.14 0.00	156.27 11.43 -21.90	147.52 12.22 -9.11	153.64 10.52 -37.09	153.12 10.24 -38.18	153.53 10.55 -32.96	153.04 9.94 -39.06	146.29 11.77 -20.74	166.65 12.39 -31.03	174.79 12.97 -27.75	204.66 15.80 -15.27	206.48 9.51 -80.10	153.81 11.29 -10.20	167.21 7.33 -68.81	162.10 13.38 -2.95	144.63 12.64 -4.72	155.43 13.56 -8.82	203.78 13.06 -53.53	191.83 12.42 -54.79	148.22 13.04 -10.05	146.19 8.77 -50.67	201.31 17.82 -3.32	171.65 11.17 -44.07	151.53 8.60 -41.52
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	163.25 -12.84 0.00	112.81 -10.12 0.00	116.11 -10.08 0.00	97.36 -8.68 0.00	96.88 -7.82 0.00	101.45 -8.57 0.00	95.12 -8.92 0.00	87.30 -11.77 14.69	102.70 -12.94 7.59	119.54 -14.58 -0.04	154.33 -19.51 -0.26	114.71 -12.98 -1.44	118.89 -14.86 -12.01	93.24 -9.84 -12.01	128.55 -17.02 0.20	112.29 -14.98 0.00	108.07 -15.96 9.02	122.82 -15.86 -1.48	107.59 -14.61 2.41	110.64 -14.49 0.00	80.15 -10.14 -3.54	148.29 -20.69 11.19	110.88 -12.44 -6.91	99.52 -9.00 -7.11

BINGHAMTON___COGEN 23790	175.72 -0.37 0.00	122.39 -0.54 0.00	125.79 -0.39 0.00	105.37 -0.66 0.00	104.40 -0.30 0.00	109.74 -0.28 0.00	103.69 -0.35 0.00	116.91 -0.37 -3.51	125.09 -0.30 -2.16	136.05 -0.74 -2.72	176.68 -0.88 -3.97	143.26 -0.94 -27.34	134.56 -1.18 -3.43	113.35 -0.80 -23.08	144.31 -1.41 0.04	126.21 -1.07 0.00	132.23 -1.28 -0.47	138.87 -1.21 -2.88	128.22 -1.02 -4.62	124.09 -1.04 0.00	103.26 -0.75 -17.25	183.28 -1.13 -4.24	128.82 -0.72 -13.13	114.24 -0.70 -13.52
BIXINCNT_115KV_LOAD 355685	166.65 -9.43 0.00	115.40 -7.53 0.00	119.14 -7.04 0.00	99.56 -6.47 0.00	98.74 -5.96 0.00	103.89 -6.14 0.00	97.42 -6.62 0.00	95.19 -9.48 9.11	107.34 -11.13 4.76	122.27 -11.87 -0.07	159.20 -14.87 -0.49	118.93 -10.18 -12.24	122.04 -11.87 -1.60	95.35 -8.51 -12.78	130.06 -15.52 0.18	112.76 -14.52 0.00	108.12 -16.68 8.25	121.82 -16.96 -1.58	107.71 -15.49 1.41	109.90 -15.23 0.00	81.81 -10.02 -5.08	151.84 -19.63 8.71	112.41 -11.34 -7.34	100.34 -8.63 -7.56
BLACK RIVER___HYD 24047	183.53 7.44 0.00	128.20 5.27 0.00	131.42 5.23 0.00	109.68 3.65 0.00	108.78 4.08 0.00	114.61 4.59 0.00	108.80 4.75 0.00	119.53 5.75 0.00	128.86 5.63 0.00	141.10 7.03 0.00	182.64 9.05 0.00	126.28 4.98 -4.44	137.39 4.52 -0.57	98.50 3.63 -3.79	151.52 5.76 0.00	130.43 3.16 0.00	135.52 2.05 -0.42	138.88 1.68 0.00	126.77 1.67 -0.48	126.28 1.15 0.00	89.73 0.59 -2.39	181.00 0.80 -0.03	117.86 -0.57 -2.02	102.10 -1.39 -2.08
BLACKRVR_115KV_TB2 79977	183.56 7.47 0.00	128.19 5.26 0.00	131.42 5.23 0.00	109.68 3.64 0.00	108.78 4.08 0.00	114.61 4.59 0.00	108.80 4.75 0.00	119.49 5.72 0.00	128.85 5.62 0.00	141.08 7.01 0.00	182.62 9.03 0.00	126.28 4.98 -4.44	137.41 4.53 -0.57	98.50 3.63 -3.79	151.52 5.76 0.00	130.45 3.17 0.00	135.54 2.07 -0.42	138.87 1.68 0.00	126.77 1.67 -0.48	126.28 1.15 0.00	89.73 0.59 -2.39	180.94 0.74 -0.03	117.86 -0.57 -2.02	102.10 -1.39 -2.08
BLISS_WT_PWR 323608	166.51 -9.58 0.00	115.36 -7.57 0.00	119.21 -6.98 0.00	99.54 -6.49 0.00	98.65 -6.04 0.00	103.92 -6.10 0.00	97.44 -6.60 0.00	95.19 -9.47 9.11	106.96 -11.51 4.76	122.21 -11.93 -0.07	159.34 -14.73 -0.49	118.90 -10.21 -12.24	121.95 -11.96 -1.60	95.06 -8.80 -12.78	129.32 -16.26 0.18	111.91 -15.37 0.00	106.50 -18.30 8.25	120.55 -18.23 -1.58	106.56 -16.65 1.41	108.73 -16.39 0.00	81.16 -10.67 -5.08	150.73 -20.74 8.71	111.78 -11.97 -7.34	99.72 -9.25 -7.56
BLUESTONE___WT_PWR 323821	189.76 13.67 0.00	132.07 9.14 0.00	135.61 9.43 0.00	113.58 7.54 0.00	112.64 7.95 0.00	117.62 7.60 0.00	109.63 5.59 0.00	125.35 6.00 -5.58	134.63 7.77 -3.63	145.21 6.25 -4.89	187.40 7.53 -6.29	152.90 6.56 -29.47	144.27 8.24 -3.71	120.92 4.91 -24.94	152.48 6.74 0.03	133.36 6.08 0.00	138.20 3.67 -1.49	143.30 2.97 -3.13	129.97 0.67 -4.68	125.07 -0.06 0.00	104.84 -0.18 -18.28	185.45 1.55 -3.72	131.23 0.64 -14.18	116.93 0.92 -14.60
BLUE_CIRC_CHEM_DRP 24182	183.24 7.15 0.00	127.98 5.05 0.00	131.48 5.30 0.00	110.49 4.46 0.00	109.06 4.37 0.00	114.60 4.58 0.00	108.58 4.54 0.00	143.06 4.77 -24.51	145.36 5.10 -17.04	163.73 5.43 -24.22	208.03 6.98 -27.47	224.01 4.21 -102.94	149.91 4.49 -13.11	182.67 3.15 -88.45	150.97 5.21 0.00	131.65 4.36 -0.01	148.39 4.91 -10.44	140.70 4.70 1.20	141.07 4.62 -11.82	129.93 4.79 -0.02	148.61 3.37 -58.49	187.74 6.97 -0.60	170.24 4.50 -49.33	156.65 4.44 -50.80
BOC_GAS_DRP 24189	181.84 5.75 0.00	127.13 4.20 0.00	130.58 4.40 0.00	109.74 3.71 0.00	108.26 3.57 0.00	113.77 3.75 0.00	107.76 3.72 0.00	140.74 3.98 -22.99	143.36 4.29 -15.84	160.96 4.58 -22.31	205.18 5.93 -25.67	224.76 3.48 -104.41	149.47 3.86 -13.29	183.46 2.68 -89.71	150.24 4.48 0.00	131.15 3.86 -0.01	147.86 4.31 -10.51	137.60 4.07 3.67	140.69 4.10 -11.97	129.40 4.25 -0.02	148.96 3.00 -59.22	186.99 6.21 -0.61	170.36 4.01 -49.94	156.59 3.75 -51.43
BOONVILLE_115KV_TB1 79983	182.60 6.51 0.00	127.50 4.57 0.00	130.83 4.65 0.00	109.63 3.59 0.00	108.46 3.77 0.00	114.19 4.17 0.00	108.27 4.23 0.00	118.69 4.92 0.00	128.27 5.04 0.00	139.96 5.89 0.00	181.14 7.56 0.00	124.10 4.46 -2.77	137.35 4.69 -0.35	96.89 3.45 -2.37	151.24 5.47 0.00	131.27 4.00 0.00	136.98 3.67 -0.26	140.49 3.29 0.00	127.98 3.06 -0.30	127.96 2.84 0.00	90.14 1.91 -1.49	183.70 3.51 -0.02	119.65 1.98 -1.26	103.82 1.11 -1.29
BORALEX_4TH_BRANCH 23824	186.84 10.76 0.00	130.51 7.58 0.00	133.98 7.80 0.00	112.63 6.59 0.00	110.97 6.27 0.00	116.40 6.38 0.00	110.48 6.43 0.00	160.17 7.07 -39.33	159.19 7.48 -28.48	184.12 8.00 -42.05	228.88 10.46 -44.84	227.17 6.23 -104.08	152.58 7.01 -13.25	185.68 5.19 -89.42	154.49 8.73 0.00	135.77 8.48 -0.01	153.42 9.74 -10.63	148.04 9.25 -1.60	145.21 8.64 -11.94	134.00 8.86 -0.02	151.92 6.10 -59.07	192.86 12.07 -0.61	174.02 7.79 -49.82	159.29 6.59 -51.30
BOWLINE___1 23526	185.77 9.68 0.00	130.39 7.46 0.00	134.03 7.84 0.00	112.57 6.54 0.00	111.02 6.33 0.00	116.77 6.75 0.00	110.66 6.62 0.00	129.87 7.53 -8.57	136.21 8.08 -4.91	148.80 8.46 -6.26	193.85 11.19 -9.08	201.38 6.85 -77.66	149.81 7.62 -9.89	162.76 5.02 -66.67	154.43 8.67 0.01	135.93 8.64 -0.01	151.15 9.59 -8.50	178.85 9.73 -31.93	142.61 8.64 -9.36	133.90 8.77 -0.01	139.13 6.10 -46.28	193.17 12.52 -0.48	163.47 8.03 -39.03	147.88 6.27 -40.19
BOWLINE___2 23595	185.77 9.68 0.00	130.39 7.46 0.00	134.03 7.84 0.00	112.57 6.54 0.00	111.02 6.33 0.00	116.77 6.75 0.00	110.66 6.62 0.00	129.88 7.53 -8.57	136.22 8.08 -4.91	148.80 8.46 -6.26	193.87 11.21 -9.08	201.39 6.85 -77.66	149.83 7.63 -9.89	162.77 5.03 -66.68	154.44 8.68 0.01	135.95 8.66 -0.01	151.16 9.61 -8.50	178.86 9.73 -31.94	142.63 8.65 -9.36	133.90 8.77 -0.01	139.13 6.10 -46.28	193.17 12.52 -0.48	163.48 8.03 -39.04	147.89 6.29 -40.20
BRADY___115KV_TB2 356060	177.39 1.30 0.00	123.67 0.74 0.00	126.78 0.60 0.00	106.62 0.58 0.00	105.22 0.53 0.00	110.41 0.39 0.00	103.91 -0.13 0.00	113.76 -0.01 0.00	123.35 0.12 0.00	134.79 0.72 0.00	174.24 0.66 0.00	116.05 -0.81 0.00	130.93 -1.38 0.00	91.54 0.47 0.00	147.11 1.35 0.00	127.63 0.36 0.00	133.03 -0.01 0.00	137.98 0.79 0.00	124.86 0.24 0.00	125.14 0.01 0.00	86.79 0.04 0.00	180.69 0.52 0.00	116.88 0.47 0.00	102.21 0.80 0.00
BRANSCOMB___SOLAR 323811	187.04 10.95 0.00	130.67 7.74 0.00	134.12 7.94 0.00	112.69 6.65 0.00	111.25 6.56 0.00	117.10 7.08 0.00	111.19 7.15 0.00	173.00 8.14 -51.09	169.40 8.67 -37.50	199.62 9.45 -56.09	244.36 12.19 -58.59	231.41 7.19 -107.35	153.26 7.28 -13.67	188.17 4.86 -92.23	153.96 8.19 0.00	135.16 7.87 -0.01	152.94 9.02 -10.88	144.65 8.84 1.39	145.06 8.13 -12.31	133.39 8.25 -0.02	153.32 5.66 -60.91	192.03 11.23 -0.63	174.90 7.12 -51.37	160.16 5.85 -52.90
BRENTWOD_69_KV_W. BRTWOOD 56703	192.69 16.60 0.00	155.18 13.20 -19.05	148.29 14.18 -7.93	150.61 12.31 -32.26	150.00 12.10 -33.21	151.20 12.51 -28.67	149.66 11.65 -33.97	146.78 13.82 -19.19	165.21 14.28 -27.70	173.82 14.78 -24.97	205.82 17.74 -14.50	207.42 10.45 -80.10	155.22 12.70 -10.20	168.20 8.32 -68.81	163.85 15.52 -2.57	146.22 14.84 -4.10	157.85 15.99 -8.82	203.36 15.23 -50.94	188.17 14.64 -48.91	149.33 15.46 -8.74	147.38 10.33 -50.30	203.99 20.87 -2.95	172.66 12.67 -43.58	152.73 9.80 -41.52

BRISTLHL_115KV_TB1 79998	170.52 -5.57 0.00	118.96 -3.97 0.00	122.21 -3.97 0.00	102.58 -3.45 0.00	101.45 -3.24 0.00	106.72 -3.30 0.00	101.04 -3.00 0.00	110.33 -3.44 0.00	119.49 -3.74 0.00	129.88 -4.20 0.00	168.08 -5.51 0.00	119.75 -3.81 -6.70	128.73 -4.44 -0.85	93.89 -2.94 -5.75	140.81 -4.96 0.00	123.04 -4.23 0.00	129.43 -4.29 -0.68	132.78 -4.42 0.00	121.34 -4.06 -0.78	121.04 -4.09 0.00	87.67 -2.94 -3.86	173.99 -6.23 -0.04	115.57 -4.09 -3.25	101.18 -3.58 -3.35
BROOKHAVEN___DRP 24191	193.53 17.44 0.00	155.50 13.84 -18.74	148.77 14.79 -7.80	150.56 12.80 -31.72	149.95 12.60 -32.66	151.34 13.13 -28.19	149.79 12.33 -33.41	147.29 14.50 -19.02	165.32 14.76 -27.33	173.05 14.31 -24.67	205.02 17.03 -14.41	206.57 9.60 -80.10	154.04 11.52 -10.20	167.74 7.86 -68.81	164.16 15.87 -2.53	146.43 15.12 -4.03	158.07 16.20 -8.82	203.20 15.35 -50.65	187.74 14.86 -48.26	149.65 15.92 -8.60	147.59 10.58 -50.26	204.99 21.90 -2.91	173.14 13.20 -43.53	152.89 9.97 -41.52
BROOKLYN_NAVY_YARD 23515	188.56 12.47 0.00	132.43 9.50 0.00	136.25 10.06 0.00	114.44 8.40 0.00	112.91 8.21 0.00	118.69 8.67 0.00	112.43 8.39 0.00	132.37 9.76 -8.83	139.20 10.54 -5.43	151.48 10.96 -6.44	197.30 14.37 -9.35	205.89 8.94 -80.09	152.58 10.07 -10.20	166.43 6.57 -68.80	157.01 11.26 0.01	138.28 10.99 -0.01	153.68 11.82 -8.82	182.63 11.78 -33.65	144.91 10.63 -9.66	135.69 10.55 -0.01	141.90 7.36 -47.80	196.43 15.77 -0.49	166.84 10.12 -40.31	150.87 7.95 -41.51
BROOKLYN___ARMY_DRP 323595	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
BROOKVLE_69_KV_TB1 55790	190.90 14.81 0.00	165.19 11.52 -30.74	151.18 12.21 -12.79	168.42 10.35 -52.04	168.38 10.12 -53.57	166.86 10.59 -46.25	169.01 10.16 -54.80	151.15 11.83 -25.55	177.19 12.61 -41.35	183.61 13.21 -36.33	207.37 16.13 -17.65	207.11 10.14 -80.10	154.02 11.51 -10.20	167.54 7.66 -68.81	163.52 13.61 -4.15	146.69 12.80 -6.61	155.36 13.50 -8.82	212.06 13.33 -61.54	209.87 12.27 -72.97	151.85 12.63 -14.10	147.41 8.83 -51.83	202.72 18.09 -4.46	173.41 11.41 -45.59	151.79 8.86 -41.52
BROOME_2_LFGE 323671	175.72 -0.37 0.00	122.40 -0.53 0.00	125.79 -0.39 0.00	105.37 -0.66 0.00	104.40 -0.30 0.00	109.74 -0.28 0.00	103.69 -0.35 0.00	116.92 -0.36 -3.51	125.06 -0.32 -2.16	136.06 -0.73 -2.72	176.71 -0.85 -3.97	143.26 -0.94 -27.34	134.56 -1.18 -3.43	113.34 -0.81 -23.08	144.33 -1.39 0.04	126.19 -1.09 0.00	132.15 -1.36 -0.47	138.89 -1.20 -2.88	128.23 -1.01 -4.62	124.09 -1.04 0.00	103.23 -0.77 -17.25	183.28 -1.13 -4.24	128.82 -0.72 -13.13	114.24 -0.70 -13.52
BROOME___LFGE 323600	175.72 -0.37 0.00	122.40 -0.53 0.00	125.79 -0.39 0.00	105.37 -0.66 0.00	104.40 -0.30 0.00	109.74 -0.28 0.00	103.69 -0.35 0.00	116.92 -0.36 -3.51	125.06 -0.32 -2.16	136.06 -0.73 -2.72	176.71 -0.85 -3.97	143.26 -0.94 -27.34	134.56 -1.18 -3.43	113.34 -0.81 -23.08	144.33 -1.39 0.04	126.19 -1.09 0.00	132.15 -1.36 -0.47	138.89 -1.20 -2.88	128.23 -1.01 -4.62	124.09 -1.04 0.00	103.23 -0.77 -17.25	183.28 -1.13 -4.24	128.82 -0.72 -13.13	114.24 -0.70 -13.52
BROWNFLS_115KV_TB_3_5 80003	177.87 1.79 0.00	124.04 1.12 0.00	127.18 1.00 0.00	106.39 0.35 0.00	105.17 0.47 0.00	110.37 0.35 0.00	104.03 -0.01 0.00	113.97 0.20 0.00	121.98 -1.25 0.00	133.47 -0.60 0.00	172.56 -1.02 0.00	117.33 -1.75 -2.22	130.14 -2.46 -0.28	92.10 -0.81 -1.84	145.08 -0.68 0.00	126.01 -1.27 0.00	131.13 -2.13 -0.21	135.03 -2.17 0.00	122.70 -2.16 -0.24	122.57 -2.55 0.00	86.18 -1.78 -1.21	176.60 -3.58 -0.01	114.94 -2.49 -1.02	100.32 -2.14 -1.05
BROWNSV1_27_KV_LOAD 356125	190.91 14.82 0.00	134.06 11.12 0.00	137.89 11.70 0.00	115.81 9.77 0.00	114.21 9.52 0.00	120.13 10.11 0.00	113.87 9.83 0.00	133.98 11.38 -8.83	140.93 12.27 -5.43	153.49 12.97 -6.44	199.90 16.97 -9.35	207.65 10.69 -80.09	154.54 12.03 -10.20	167.80 7.93 -68.80	159.24 13.48 0.01	140.13 12.84 -0.01	155.61 13.74 -8.82	184.71 13.86 -33.65	146.70 12.41 -9.66	137.59 12.45 -0.01	143.19 8.64 -47.80	198.95 18.28 -0.49	168.44 11.71 -40.31	152.18 9.26 -41.51
BURROWS___LYONSDAL 23803	182.50 6.41 0.00	127.39 4.46 0.00	130.71 4.52 0.00	109.43 3.39 0.00	108.31 3.61 0.00	113.95 3.93 0.00	108.05 4.01 0.00	118.49 4.72 0.00	127.93 4.70 0.00	139.76 5.69 0.00	180.81 7.23 0.00	123.94 4.18 -2.89	136.97 4.29 -0.37	96.77 3.23 -2.47	150.79 5.03 0.00	130.55 3.28 0.00	136.03 2.71 -0.27	139.43 2.24 0.00	127.03 2.10 -0.31	126.92 1.79 0.00	89.50 1.21 -1.54	182.23 2.04 -0.02	118.62 0.91 -1.30	102.94 0.20 -1.34
CAITHNESS_CC_1 323624	192.63 16.54 0.00	154.88 13.22 -18.73	148.13 14.15 -7.79	150.03 12.28 -31.71	149.41 12.07 -32.64	150.76 12.56 -28.18	149.19 11.75 -33.39	146.62 13.83 -19.02	164.70 14.14 -27.32	172.64 13.91 -24.66	204.60 16.61 -14.41	206.34 9.38 -80.10	153.85 11.34 -10.20	167.55 7.67 -68.81	163.51 15.22 -2.52	145.89 14.58 -4.03	157.54 15.67 -8.82	202.57 14.73 -50.65	187.10 14.24 -48.24	149.04 15.32 -8.60	147.18 10.17 -50.26	203.98 20.90 -2.91	172.58 12.64 -43.53	152.46 9.54 -41.52
CALPINE BETH_PAGE_GT4 24209	190.53 14.44 0.00	157.87 11.59 -23.34	148.27 12.37 -9.71	156.19 10.63 -39.52	155.78 10.41 -40.68	155.89 10.75 -35.12	155.77 10.11 -41.61	147.32 12.03 -21.52	168.54 12.60 -32.71	176.40 13.18 -29.14	205.22 15.98 -15.65	206.67 9.70 -80.10	153.95 11.44 -10.20	167.36 7.47 -68.81	162.44 13.53 -3.15	144.90 12.59 -5.02	155.31 13.45 -8.82	205.06 13.04 -54.83	194.71 12.35 -57.74	148.76 12.93 -10.71	146.29 8.68 -50.86	201.37 17.69 -3.51	172.02 11.29 -44.32	151.65 8.72 -41.52
CALPINE_BETH_PAGE_GT_4 323586	190.54 14.46 0.00	157.88 11.61 -23.34	148.28 12.38 -9.71	156.20 10.65 -39.52	155.78 10.40 -40.68	155.88 10.74 -35.12	155.77 10.12 -41.61	147.26 11.97 -21.52	168.55 12.61 -32.71	176.36 13.15 -29.14	205.30 16.06 -15.65	206.70 9.73 -80.10	153.97 11.46 -10.20	167.36 7.48 -68.81	162.43 13.52 -3.15	144.90 12.60 -5.02	155.37 13.51 -8.82	205.07 13.05 -54.83	194.70 12.34 -57.74	148.77 12.93 -10.71	146.29 8.68 -50.86	201.34 17.66 -3.51	172.02 11.29 -44.32	151.65 8.72 -41.52
CALPINE_BP_GT1 23823	190.54 14.46 0.00	157.88 11.61 -23.34	148.28 12.38 -9.71	156.20 10.65 -39.52	155.78 10.40 -40.68	155.88 10.74 -35.12	155.77 10.12 -41.61	147.26 11.97 -21.52	168.55 12.61 -32.71	176.36 13.15 -29.14	205.30 16.06 -15.65	206.70 9.73 -80.10	153.97 11.46 -10.20	167.36 7.48 -68.81	162.43 13.52 -3.15	144.90 12.60 -5.02	155.37 13.51 -8.82	205.07 13.05 -54.83	194.70 12.34 -57.74	148.77 12.93 -10.71	146.29 8.68 -50.86	201.34 17.66 -3.51	172.02 11.29 -44.32	151.65 8.72 -41.52
CALSPAN___DRP 24200	162.29 -13.80 0.00	112.13 -10.80 0.00	115.38 -10.80 0.00	96.78 -9.25 0.00	96.36 -8.34 0.00	100.86 -9.17 0.00	94.53 -9.51 0.00	85.49 -12.53 15.75	101.40 -13.70 8.13	118.69 -15.42 -0.03	153.09 -20.70 -0.21	113.72 -13.66 -10.52	118.04 -15.68 -1.41	92.55 -10.36 -11.84	127.67 -17.89 0.20	111.58 -15.69 0.00	107.23 -16.64 9.18	122.06 -16.60 -1.46	106.69 -15.32 2.61	109.89 -15.24 0.00	79.29 -10.68 -3.23	146.61 -21.89 11.67	110.02 -13.20 -6.81	98.84 -9.58 -7.01

CALVERTON___SOLAR 323806	194.44 18.35 0.00	156.19 14.52 -18.74	149.48 15.50 -7.80	151.17 13.40 -31.73	150.56 13.19 -32.66	152.01 13.79 -28.20	150.43 12.97 -33.41	147.93 15.13 -19.02	166.00 15.44 -27.33	173.54 14.79 -24.67	205.74 17.74 -14.41	206.98 10.01 -80.10	154.35 11.83 -10.20	168.04 8.16 -68.81	164.85 16.56 -2.53	147.08 15.77 -4.04	158.72 16.86 -8.82	203.91 16.05 -50.66	188.45 15.57 -48.27	150.35 16.63 -8.60	148.04 11.03 -50.26	205.92 22.84 -2.91	173.72 13.78 -43.53	153.31 10.38 -41.52
CANDIGU_WT_PWR 323617	167.93 -8.16 0.00	115.96 -6.97 0.00	119.33 -6.85 0.00	99.72 -6.32 0.00	98.75 -5.95 0.00	103.33 -6.69 0.00	97.72 -6.33 0.00	14.09 -8.06 91.62	68.37 -8.58 46.29	126.26 -9.44 -1.62	164.32 -11.91 -2.64	128.36 -7.34 -18.84	126.29 -8.33 -2.31	101.25 -5.68 -15.86	135.49 -10.17 0.11	117.97 -9.31 0.00	119.56 -9.51 3.97	130.08 -9.08 -1.97	120.59 -8.16 -4.14	116.95 -8.18 0.00	94.20 -5.54 -12.99	174.87 -10.87 -5.56	118.77 -6.69 -9.06	105.44 -5.29 -9.33
CARR STREET_E_SYR 24060	172.23 -3.86 0.00	120.16 -2.77 0.00	123.43 -2.76 0.00	103.58 -2.45 0.00	102.50 -2.20 0.00	107.81 -2.22 0.00	102.01 -2.04 0.00	111.39 -2.39 0.00	120.64 -2.59 0.00	131.08 -2.99 0.00	169.67 -3.91 0.00	121.64 -2.84 -7.61	129.94 -3.34 -0.97	95.42 -2.19 -6.54	142.12 -3.65 0.00	124.18 -3.10 0.00	130.61 -3.21 -0.77	133.88 -3.32 0.00	122.47 -3.03 -0.89	122.05 -3.08 0.00	88.89 -2.25 -4.39	175.48 -4.74 -0.05	117.02 -3.08 -3.70	102.51 -2.71 -3.81
CARTHAGE___PAPER 23857	184.06 7.97 0.00	128.47 5.54 0.00	131.70 5.51 0.00	110.00 3.96 0.00	108.99 4.29 0.00	114.73 4.70 0.00	108.81 4.77 0.00	119.47 5.70 0.00	128.96 5.73 0.00	141.28 7.20 0.00	182.73 9.14 0.00	126.03 5.13 -4.04	137.70 4.87 -0.51	98.41 3.90 -3.45	151.83 6.06 0.00	130.59 3.31 0.00	135.81 2.39 -0.37	139.18 1.98 0.00	126.88 1.83 -0.43	126.46 1.34 0.00	89.68 0.79 -2.13	181.37 1.18 -0.02	118.12 -0.09 -1.80	102.43 -0.84 -1.85
CASSADAGA_WT_PWR 323784	166.16 -9.92 0.00	114.42 -8.51 0.00	117.52 -8.66 0.00	97.47 -8.56 0.00	98.14 -6.56 0.00	102.27 -7.76 0.00	96.09 -7.96 0.00	90.80 -11.60 11.37	104.19 -13.13 5.91	119.41 -14.72 -0.06	153.99 -20.00 -0.40	114.99 -13.53 -11.65	118.04 -15.81 -1.53	92.51 -10.99 -12.42	125.98 -19.59 0.19	110.25 -17.03 0.00	105.91 -18.50 8.63	121.14 -17.59 -1.54	106.66 -16.23 1.73	108.69 -16.44 0.00	79.34 -11.94 -4.53	146.68 -24.05 9.45	108.64 -14.91 -7.14	97.84 -10.92 -7.35
CE_DUNWOOD___DRP 24194	188.04 11.95 0.00	131.97 9.04 0.00	135.70 9.51 0.00	114.01 7.98 0.00	112.43 7.74 0.00	118.25 8.23 0.00	112.07 8.03 0.00	131.81 9.22 -8.81	138.53 9.89 -5.42	150.87 10.37 -6.43	196.39 13.48 -9.33	205.11 8.32 -79.93	151.83 9.34 -10.18	165.91 6.18 -68.66	156.41 10.65 0.01	137.62 10.34 -0.01	153.10 11.26 -8.79	182.05 11.31 -33.54	144.38 10.12 -9.64	135.37 10.23 -0.01	141.57 7.12 -47.70	195.39 14.73 -0.49	166.08 9.44 -40.23	150.29 7.45 -41.42
CE_MILLWOOD___DRP 24193	187.54 11.45 0.00	131.60 8.67 0.00	135.33 9.15 0.00	113.70 7.66 0.00	112.12 7.42 0.00	117.91 7.89 0.00	111.76 7.72 0.00	131.39 8.83 -8.78	138.09 9.47 -5.39	150.44 9.95 -6.41	195.79 12.91 -9.29	204.48 7.98 -79.64	151.39 8.94 -10.14	165.39 5.92 -68.40	155.96 10.20 0.01	137.22 9.94 -0.01	152.68 10.87 -8.76	181.51 10.97 -33.34	144.01 9.79 -9.61	135.03 9.89 -0.01	141.14 6.88 -47.51	194.85 14.19 -0.49	165.58 9.09 -40.07	149.86 7.18 -41.26
CE_NYC2_DRP 24202	189.34 13.25 0.00	132.97 10.04 0.00	136.81 10.63 0.00	114.93 8.89 0.00	113.31 8.61 0.00	119.20 9.17 0.00	113.08 9.03 0.00	134.21 10.55 -9.88	140.34 11.35 -5.76	152.40 11.88 -6.45	198.20 15.27 -9.35	206.54 9.59 -80.09	153.36 10.85 -10.20	166.99 7.11 -68.80	157.96 12.20 0.01	139.09 11.80 -0.01	154.29 12.43 -8.82	183.35 12.49 -33.66	145.60 11.32 -9.66	136.46 11.32 -0.01	142.45 7.90 -47.80	197.19 16.52 -0.49	167.53 10.81 -40.31	151.45 8.53 -41.51
CE_NYC_DRP 24195	188.87 12.78 0.00	132.69 9.76 0.00	136.54 10.35 0.00	114.68 8.65 0.00	113.13 8.43 0.00	118.94 8.92 0.00	112.69 8.65 0.00	132.70 10.10 -8.83	139.54 10.88 -5.43	151.91 11.40 -6.44	197.85 14.92 -9.35	206.33 9.37 -80.09	153.04 10.53 -10.20	166.76 6.89 -68.80	157.62 11.86 0.01	138.73 11.44 -0.01	154.06 12.20 -8.81	183.08 12.23 -33.65	145.27 10.98 -9.66	136.11 10.96 -0.01	142.16 7.62 -47.79	199.06 16.12 -2.77	183.54 10.39 -56.74	153.68 8.16 -44.11
CHAFFEE___LFGE 323603	163.99 -12.10 0.00	113.32 -9.61 0.00	116.64 -9.54 0.00	97.86 -8.18 0.00	97.42 -7.28 0.00	101.97 -8.05 0.00	95.60 -8.44 0.00	90.53 -10.84 12.40	104.68 -12.12 6.43	120.45 -13.68 -0.05	155.31 -12.41 -0.35	115.83 -14.24 -11.38	119.57 -14.24 -1.50	93.98 -9.40 -12.31	129.32 -16.25 0.19	112.97 -14.31 0.00	108.72 -15.61 8.71	123.71 -15.01 -1.52	108.76 -13.86 2.01	111.39 -13.74 0.00	81.17 -9.73 -4.16	150.33 -19.66 10.18	111.69 -11.80 -7.08	100.11 -8.59 -7.29
CHATEAUG_35_KV_LOAD 355732	176.53 0.44 0.00	122.99 0.06 0.00	125.96 -0.22 0.00	106.03 0.00 0.00	104.75 0.05 0.00	109.69 -0.33 0.00	103.55 -0.49 0.00	113.61 -0.16 0.00	123.40 0.17 0.00	134.67 0.60 0.00	174.19 0.61 0.00	116.03 -0.84 0.00	130.92 -1.39 0.00	91.66 0.59 0.00	147.70 1.94 0.00	128.22 0.94 0.00	133.28 0.23 0.00	138.01 0.81 0.00	124.83 0.21 0.00	125.12 -0.01 0.00	86.96 0.21 0.00	180.49 0.32 0.00	115.82 -0.59 0.00	101.49 0.08 0.00
CHATEAUG_WT_PWR 323614	176.14 0.05 0.00	122.80 -0.13 0.00	125.78 -0.41 0.00	105.86 -0.17 0.00	104.56 -0.14 0.00	109.48 -0.54 0.00	103.43 -0.61 0.00	113.50 -0.27 0.00	123.11 -0.12 0.00	134.48 0.40 0.00	173.97 0.38 0.00	115.84 -1.03 0.00	130.64 -1.67 0.00	91.50 0.43 0.00	147.41 1.64 0.00	128.08 0.81 0.00	133.13 0.08 0.00	137.62 0.42 0.00	124.55 -0.07 0.00	124.83 -0.30 0.00	86.72 -0.03 0.00	180.19 0.02 0.00	115.55 -0.86 0.00	101.23 -0.18 0.00
CHAT_HIGH_FALL_HYD 323578	176.53 0.44 0.00	122.99 0.06 0.00	125.96 -0.22 0.00	106.03 0.00 0.00	104.75 0.05 0.00	109.69 -0.33 0.00	103.55 -0.49 0.00	113.61 -0.16 0.00	123.40 0.17 0.00	134.67 0.60 0.00	174.19 0.61 0.00	116.03 -0.84 0.00	130.92 -1.39 0.00	91.66 0.59 0.00	147.70 1.94 0.00	128.22 0.94 0.00	133.28 0.23 0.00	138.01 0.81 0.00	124.83 0.21 0.00	125.12 -0.01 0.00	86.96 0.21 0.00	180.49 0.32 0.00	115.82 -0.59 0.00	101.49 0.08 0.00
CHAUTAUQUA___LFGE 323629	164.11 -11.98 0.00	113.18 -9.75 0.00	116.31 -9.87 0.00	96.76 -9.27 0.00	97.18 -7.52 0.00	101.24 -8.78 0.00	95.08 -8.96 0.00	87.13 -12.06 14.58	102.03 -13.66 7.54	118.81 -15.31 -0.04	153.22 -20.65 -0.29	114.14 -13.72 -10.99	117.79 -15.98 -1.46	92.33 -10.81 -12.07	126.66 -18.90 0.20	110.65 -16.63 0.00	106.11 -17.91 9.02	121.37 -17.32 -1.49	106.43 -15.98 2.21	109.15 -15.98 0.00	79.18 -11.37 -3.80	146.36 -23.15 10.66	109.09 -14.26 -6.95	98.07 -10.49 -7.15
CHERRYST_13_KV_LD 356241	189.35 13.26 0.00	133.04 10.11 0.00	136.88 10.69 0.00	114.99 8.95 0.00	113.42 8.72 0.00	119.28 9.26 0.00	113.05 9.00 0.00	133.09 10.49 -8.83	139.97 11.31 -5.43	152.43 11.91 -6.44	198.51 15.58 -9.35	206.74 9.78 -80.09	153.53 11.02 -10.20	167.12 7.25 -68.80	158.18 12.42 0.01	139.19 11.91 -0.01	154.56 12.70 -8.81	183.61 12.75 -33.65	145.70 11.42 -9.66	136.49 11.35 -0.01	142.43 7.89 -47.79	197.33 16.66 -0.49	167.45 10.74 -40.31	151.36 8.44 -41.51

CHESTROR_138KV_BK263 355645	185.69 9.60 0.00	130.17 7.24 0.00	133.83 7.64 0.00	112.42 6.39 0.00	110.89 6.20 0.00	116.64 6.62 0.00	110.52 6.48 0.00	129.32 7.37 -8.17	135.82 7.93 -4.66	148.37 8.32 -5.98	193.14 10.90 -8.66	197.23 6.71 -73.66	149.14 7.44 -9.38	159.82 4.90 -63.85	154.22 8.46 0.01	135.60 8.31 -0.01	150.44 9.30 -8.09	176.26 9.46 -29.60	141.97 8.40 -8.95	133.66 8.52 -0.01	136.94 5.92 -44.27	192.73 12.10 -0.46	161.47 7.73 -37.33	145.95 6.10 -38.44
CH_MIDHUDSON___DRP 24192	189.38 13.29 0.00	132.72 9.78 0.00	136.40 10.22 0.00	114.62 8.58 0.00	113.10 8.40 0.00	118.98 8.96 0.00	112.83 8.79 0.00	133.24 10.08 -9.38	139.84 10.84 -5.76	152.55 11.42 -7.06	198.23 14.66 -9.98	207.12 9.03 -81.22	152.69 10.03 -10.34	167.63 6.72 -69.83	157.18 11.42 0.01	138.39 11.10 -0.01	154.28 12.31 -8.92	182.66 12.50 -32.96	145.47 11.06 -9.79	136.29 11.15 -0.01	142.90 7.72 -48.43	196.38 15.71 -0.50	167.25 10.00 -40.84	151.47 8.00 -42.06
CH_MISC_IPPS 23765	190.28 14.19 0.00	133.34 10.41 0.00	137.03 10.85 0.00	115.13 9.09 0.00	113.64 8.95 0.00	119.58 9.56 0.00	113.44 9.40 0.00	133.67 10.73 -9.17	140.41 11.60 -5.58	153.17 12.22 -6.88	199.11 15.78 -9.75	206.40 9.78 -79.75	153.30 10.84 -10.15	166.92 7.26 -68.59	158.04 12.28 0.01	139.12 11.84 -0.01	154.92 13.13 -8.75	182.81 13.43 -32.18	146.17 11.93 -9.61	137.14 12.00 -0.01	142.60 8.29 -47.56	197.58 16.91 -0.49	167.26 10.74 -40.11	151.29 8.58 -41.30
CH_RES_BVR_FALLS 23983	175.55 -0.54 0.00	122.46 -0.47 0.00	125.52 -0.67 0.00	105.38 -0.66 0.00	103.96 -0.74 0.00	109.13 -0.89 0.00	103.10 -0.95 0.00	112.79 -0.99 0.00	122.03 -1.20 0.00	132.91 -1.16 0.00	172.13 -1.46 0.00	115.15 -1.71 0.00	130.06 -2.25 0.00	90.30 -0.78 0.00	145.03 -0.74 0.00	126.02 -1.25 0.00	131.46 -1.59 0.00	135.65 -1.54 0.00	123.14 -1.48 0.00	123.50 -1.63 0.00	85.55 -1.20 0.00	178.20 -1.97 0.00	114.98 -1.43 0.00	100.12 -1.30 0.00
CH_RES_NIAGARA 23895	155.34 -20.75 0.00	107.29 -15.64 0.00	110.50 -15.68 0.00	92.91 -13.12 0.00	92.40 -12.30 0.00	96.77 -13.25 0.00	90.40 -13.64 0.00	85.07 -16.80 11.91	98.46 -18.60 6.17	112.94 -21.12 0.01	145.12 -28.37 0.09	106.64 -18.94 -8.71	111.85 -21.66 -1.20	87.68 -14.31 -10.91	121.41 -24.13 0.22	106.33 -20.94 0.00	100.03 -22.43 10.59	115.74 -22.81 -1.35	99.56 -21.17 3.89	104.01 -21.12 0.00	73.26 -14.77 -1.29	134.88 -30.39 14.90	104.23 -18.48 -6.30	94.10 -13.80 -6.48
CH_RES_SYRACUSE 23985	174.07 -2.02 0.00	121.33 -1.60 0.00	124.59 -1.60 0.00	104.47 -1.57 0.00	103.33 -1.36 0.00	108.69 -1.33 0.00	102.87 -1.17 0.00	112.45 -1.33 0.00	121.82 -1.41 0.00	132.16 -1.92 0.00	171.46 -2.60 -0.47	124.89 -1.93 -9.96	131.12 -2.37 -1.18	96.74 -1.62 -7.29	143.18 -2.59 0.00	125.23 -2.05 0.00	131.90 -2.04 -0.89	136.14 -1.92 -0.86	126.95 -1.74 -4.07	123.34 -1.79 0.00	93.76 -1.42 -8.42	185.67 -3.09 -8.59	118.60 -1.94 -4.13	103.94 -1.73 -4.26
CLINTON_WT_PWR 323605	176.14 0.05 0.00	122.80 -0.13 0.00	125.78 -0.41 0.00	105.86 -0.17 0.00	104.56 -0.14 0.00	109.48 -0.54 0.00	103.43 -0.61 0.00	113.50 -0.27 0.00	123.11 -0.12 0.00	134.48 0.40 0.00	173.97 0.38 0.00	115.84 -1.03 0.00	130.64 -1.67 0.00	91.50 0.43 0.00	147.41 1.64 0.00	128.08 0.81 0.00	133.13 0.08 0.00	137.62 0.42 0.00	124.55 -0.07 0.00	124.83 -0.30 0.00	86.72 -0.03 0.00	180.19 0.02 0.00	115.55 -0.86 0.00	101.23 -0.18 0.00
CLINTON___LFGE 323618	178.63 2.54 0.00	124.52 1.59 0.00	127.49 1.31 0.00	107.32 1.28 0.00	106.05 1.36 0.00	111.03 1.01 0.00	105.05 1.00 0.00	115.32 1.55 0.00	125.11 1.88 0.00	136.81 2.74 0.00	176.99 3.41 0.00	117.80 0.93 0.00	132.93 0.62 0.00	93.11 2.04 0.00	149.98 4.21 0.00	130.43 3.16 0.00	135.44 2.40 0.00	140.09 2.89 0.00	126.95 2.33 0.00	127.22 2.09 0.00	88.34 1.59 0.00	183.43 3.26 0.00	117.75 1.34 0.00	102.91 1.50 0.00
COBBLENY_34_KV_TB1 80064	164.00 -12.09 0.00	113.31 -9.62 0.00	116.65 -9.54 0.00	97.88 -8.16 0.00	97.43 -7.27 0.00	101.96 -8.06 0.00	95.58 -8.46 0.00	90.26 -11.11 12.40	104.67 -12.13 6.43	120.33 -13.80 -0.05	155.29 -18.64 -0.35	115.84 -12.41 -11.38	119.57 -14.24 -1.50	93.99 -9.39 -12.31	129.27 -16.30 0.19	113.03 -14.25 0.00	109.20 -15.13 8.71	123.73 -14.99 -1.52	108.82 -13.80 2.01	111.40 -13.73 0.00	81.23 -9.68 -4.16	150.25 -19.75 10.18	111.64 -11.84 -7.08	100.12 -8.58 -7.29
COFFEEN___115KV_TB3 355620	184.81 8.72 0.00	129.09 6.16 0.00	132.33 6.15 0.00	110.46 4.43 0.00	109.59 4.89 0.00	115.51 5.49 0.00	109.70 5.65 0.00	120.51 6.74 0.00	129.98 6.76 0.00	142.23 8.15 0.00	184.06 10.48 0.00	127.29 5.92 -4.51	138.34 5.46 -0.57	99.20 4.27 -3.85	152.63 6.86 0.00	131.55 4.27 0.00	136.83 3.35 -0.43	140.30 3.10 0.00	128.05 2.94 -0.49	127.55 2.43 0.00	90.65 1.46 -2.44	182.70 2.50 -0.03	118.97 0.50 -2.06	102.99 -0.53 -2.12
COLDSPRG_115KV_BK1 355956	169.10 -6.99 0.00	116.79 -6.14 0.00	120.06 -6.13 0.00	100.10 -5.93 0.00	100.07 -4.63 0.00	104.66 -5.36 0.00	98.29 -5.75 0.00	99.57 -7.89 6.31	111.02 -8.87 3.35	123.84 -10.31 -0.08	160.11 -14.05 -0.58	120.00 -9.56 -12.70	123.18 -10.78 -1.64	96.78 -7.27 -12.97	132.76 -12.82 0.18	115.72 -11.55 0.00	112.42 -12.61 8.02	126.64 -12.16 -1.61	112.49 -11.16 0.97	114.10 -11.03 0.00	84.48 -7.95 -5.68	157.15 -15.48 7.54	114.68 -9.18 -7.45	102.52 -6.56 -7.67
COLONIE_LFGE___ 323577	184.53 8.44 0.00	128.91 5.98 0.00	132.37 6.19 0.00	111.28 5.24 0.00	109.73 5.03 0.00	115.36 5.33 0.00	109.46 5.42 0.00	164.98 5.95 -45.25	162.69 6.45 -33.02	190.08 6.91 -49.10	234.34 9.00 -51.76	228.30 5.36 -106.07	151.60 5.78 -13.51	186.29 4.08 -91.14	152.58 6.82 0.00	133.63 6.34 -0.01	151.04 7.23 -10.76	143.23 6.91 0.88	143.33 6.54 -12.16	131.80 6.66 -0.02	151.51 4.61 -60.15	190.02 9.23 -0.62	173.01 5.88 -50.73	158.76 5.11 -52.24
COOPERNY_115KV_TB1 80082	182.93 6.85 0.00	128.10 5.17 0.00	131.68 5.50 0.00	110.60 4.57 0.00	109.16 4.46 0.00	114.82 4.80 0.00	108.75 4.70 0.00	125.93 5.34 -6.82	132.87 5.71 -3.93	145.07 6.00 -5.01	188.60 7.79 -7.22	182.54 4.75 -60.93	145.27 5.20 -7.76	146.92 3.43 -52.42	151.67 5.91 0.01	133.17 5.89 -0.01	145.99 6.53 -6.41	164.24 6.64 -20.40	137.88 5.96 -7.30	131.22 6.09 -0.01	127.09 4.22 -36.12	189.24 8.69 -0.37	152.43 5.55 -30.46	137.11 4.33 -31.37
COPENHAGEN_WT_PWR 323753	182.19 6.10 0.00	127.24 4.31 0.00	130.44 4.25 0.00	108.76 2.72 0.00	107.88 3.19 0.00	113.63 3.60 0.00	107.81 3.77 0.00	118.39 4.62 0.00	127.48 4.25 0.00	139.76 5.69 0.00	180.97 7.39 0.00	125.39 3.89 -4.64	136.25 3.35 -0.59	97.85 2.82 -3.96	150.10 4.34 0.00	129.00 1.72 0.00	133.73 0.24 -0.44	136.86 -0.33 0.00	125.04 -0.09 -0.51	124.53 -0.59 0.00	88.63 -0.64 -2.52	178.50 -1.69 -0.03	116.24 -2.29 -2.12	100.75 -2.85 -2.19
CORNELL_____ 23752	179.87 3.78 0.00	125.24 2.31 0.00	128.63 2.44 0.00	107.80 1.76 0.00	106.82 2.12 0.00	112.34 2.32 0.00	106.26 2.21 0.00	118.75 2.55 -2.43	127.53 2.79 -1.51	138.71 2.71 -1.93	179.99 3.51 -2.90	137.94 1.94 -19.13	136.69 2.00 -2.38	108.07 1.28 -15.72	147.46 1.71 0.02	129.01 1.73 0.00	135.99 1.87 -1.08	141.08 1.94 -1.94	130.42 1.65 -4.15	126.72 1.59 0.00	100.56 0.92 -12.89	187.69 1.84 -5.68	126.56 1.22 -8.93	111.60 0.99 -9.20

CORONA__69_KV_TB1 355595	190.53 14.44 0.00	167.99 11.46 -33.60	152.32 12.16 -13.98	173.24 10.32 -56.88	173.27 10.01 -58.55	171.05 10.48 -50.55	173.91 9.97 -59.90	152.62 11.74 -27.10	180.33 12.40 -44.70	186.23 13.04 -39.12	208.19 16.18 -18.43	206.98 10.01 -80.10	154.23 11.72 -10.20	167.57 7.69 -68.81	163.84 13.54 -4.53	147.15 12.65 -7.23	155.70 13.84 -8.82	214.91 13.58 -64.13	216.15 12.66 -78.87	153.50 12.97 -15.41	147.70 8.75 -52.20	202.85 17.85 -4.83	173.60 11.12 -46.08	151.64 8.71 -41.52
CORTLAND__115KV_TB3 80093	177.60 1.51 0.00	123.80 0.87 0.00	127.22 1.03 0.00	106.58 0.55 0.00	105.58 0.88 0.00	111.06 1.04 0.00	105.12 1.07 0.00	116.23 1.22 -1.24	125.02 1.29 -0.50	135.42 1.11 -0.24	176.42 1.47 -1.37	133.10 0.64 -15.59	134.87 0.62 -1.94	104.44 0.49 -12.88	146.30 0.55 0.01	127.89 0.62 0.00	134.58 0.58 -0.95	139.35 0.57 -1.58	128.30 0.53 -3.16	125.57 0.44 0.00	97.22 0.19 -10.28	184.53 0.37 -3.98	123.98 0.26 -7.31	108.96 0.02 -7.53
COXSACKIE__GT 23611	194.91 18.82 0.00	135.84 12.91 0.00	139.47 13.29 0.00	117.26 11.22 0.00	115.88 11.18 0.00	122.10 12.08 0.00	116.14 12.10 0.00	150.65 13.45 -23.43	154.19 14.70 -16.27	172.71 15.50 -23.13	219.39 19.56 -26.25	225.42 10.01 -98.54	154.41 9.55 -12.55	183.93 8.15 -84.71	159.17 13.41 0.00	138.99 11.70 -0.01	156.75 13.79 -9.91	156.35 14.46 -4.69	149.25 13.23 -11.40	138.26 13.11 -0.02	151.90 8.78 -56.37	198.69 17.94 -0.58	175.02 11.07 -47.54	160.48 10.11 -48.96
CPV_VALLEY__CC1 323721	183.88 7.79 0.00	128.89 5.96 0.00	132.50 6.31 0.00	111.31 5.28 0.00	109.81 5.12 0.00	115.49 5.47 0.00	109.43 5.38 0.00	127.56 6.12 -7.67	134.18 6.60 -4.36	146.55 6.88 -5.60	190.76 9.06 -8.12	191.76 5.49 -69.40	147.19 6.04 -8.84	154.75 3.99 -59.70	152.68 6.93 0.01	134.23 6.94 -0.01	148.28 7.75 -7.48	171.44 7.85 -26.40	139.92 6.95 -8.35	132.21 7.07 -0.01	132.98 4.92 -41.31	190.65 10.05 -0.43	157.66 6.41 -34.84	142.28 4.99 -35.88
CPV_VALLEY__CC2 323722	183.88 7.79 0.00	128.89 5.96 0.00	132.50 6.31 0.00	111.31 5.28 0.00	109.81 5.12 0.00	115.49 5.47 0.00	109.43 5.38 0.00	127.56 6.12 -7.67	134.18 6.60 -4.36	146.55 6.88 -5.60	190.76 9.06 -8.12	191.76 5.49 -69.40	147.19 6.04 -8.84	154.75 3.99 -59.70	152.68 6.93 0.01	134.23 6.94 -0.01	148.28 7.75 -7.48	171.44 7.85 -26.40	139.92 6.95 -8.35	132.21 7.07 -0.01	132.98 4.92 -41.31	190.65 10.05 -0.43	157.66 6.41 -34.84	142.28 4.99 -35.88
CRESCENT__HYD 24018	184.53 8.44 0.00	128.91 5.98 0.00	132.37 6.19 0.00	111.28 5.24 0.00	109.73 5.03 0.00	115.36 5.33 0.00	109.46 5.42 0.00	164.98 5.95 -45.25	162.69 6.45 -33.02	190.08 6.91 -49.10	234.34 9.00 -51.76	228.30 5.36 -106.07	151.60 5.78 -13.51	186.29 4.08 -91.14	152.58 6.82 0.00	133.63 6.34 -0.01	151.04 7.23 -10.76	143.23 6.91 0.88	143.33 6.54 -12.16	131.80 6.66 -0.02	151.51 4.61 -60.15	190.02 9.23 -0.62	173.01 5.88 -50.73	158.76 5.11 -52.24
CRICKET__VALLEY_CC1 323756	186.85 10.76 0.00	130.85 7.92 0.00	134.47 8.28 0.00	113.03 7.00 0.00	111.43 6.73 0.00	117.12 7.10 0.00	111.05 7.01 0.00	131.78 7.98 -10.03	138.03 8.54 -6.27	150.68 8.96 -7.64	195.80 11.52 -10.69	208.65 6.86 -84.92	150.69 7.56 -10.81	169.26 5.22 -72.97	154.76 9.00 0.01	136.28 9.00 -0.01	152.63 10.25 -9.34	181.49 10.25 -34.04	143.94 9.10 -10.22	134.40 9.26 -0.01	143.65 6.37 -50.53	193.48 12.78 -0.52	167.22 8.20 -42.62	151.94 6.65 -43.88
CRICKET__VALLEY_CC2 323757	186.85 10.76 0.00	130.85 7.92 0.00	134.47 8.28 0.00	113.03 7.00 0.00	111.43 6.73 0.00	117.12 7.10 0.00	111.05 7.01 0.00	131.78 7.98 -10.03	138.03 8.54 -6.27	150.68 8.96 -7.64	195.80 11.52 -10.69	208.65 6.86 -84.92	150.69 7.56 -10.81	169.26 5.22 -72.97	154.76 9.00 0.01	136.28 9.00 -0.01	152.63 10.25 -9.34	181.49 10.25 -34.04	143.94 9.10 -10.22	134.40 9.26 -0.01	143.65 6.37 -50.53	193.48 12.78 -0.52	167.22 8.20 -42.62	151.94 6.65 -43.88
CRICKET__VALLEY_CC3 323758	186.85 10.76 0.00	130.85 7.92 0.00	134.47 8.28 0.00	113.03 7.00 0.00	111.43 6.73 0.00	117.12 7.10 0.00	111.05 7.01 0.00	131.78 7.98 -10.03	138.03 8.54 -6.27	150.68 8.96 -7.64	195.80 11.52 -10.69	208.65 6.86 -84.92	150.69 7.56 -10.81	169.26 5.22 -72.97	154.76 9.00 0.01	136.28 9.00 -0.01	152.63 10.25 -9.34	181.49 10.25 -34.04	143.94 9.10 -10.22	134.40 9.26 -0.01	143.65 6.37 -50.53	193.48 12.78 -0.52	167.22 8.20 -42.62	151.94 6.65 -43.88
CRUCIBLE__METL_DRP 24180	174.05 -2.04 0.00	121.33 -1.60 0.00	124.59 -1.60 0.00	104.47 -1.56 0.00	103.33 -1.36 0.00	108.69 -1.34 0.00	102.88 -1.17 0.00	112.43 -1.35 0.00	121.81 -1.42 0.00	132.15 -1.93 0.00	171.49 -2.57 -0.47	124.90 -1.93 -9.96	131.11 -2.39 -1.18	96.74 -1.62 -7.29	143.16 -2.60 0.00	125.24 -2.04 0.00	131.95 -1.99 -0.89	136.14 -1.92 -0.86	126.95 -1.74 -4.07	123.35 -1.78 0.00	93.75 -1.42 -8.42	185.67 -3.09 -8.59	118.60 -1.94 -4.13	103.94 -1.73 -4.26
DAHOWA__HYDRO 323763	187.77 11.68 0.00	131.17 8.24 0.00	134.64 8.45 0.00	113.12 7.08 0.00	111.71 7.01 0.00	117.62 7.59 0.00	111.76 7.71 0.00	174.58 8.88 -51.94	170.79 9.41 -38.16	201.49 10.30 -57.11	246.49 13.32 -59.59	232.31 7.86 -107.58	153.81 7.80 -13.70	188.70 5.20 -92.43	154.47 8.70 0.00	135.66 8.37 -0.01	153.49 9.55 -10.90	145.09 9.40 1.51	145.55 8.59 -12.34	133.86 8.72 -0.02	153.75 5.96 -61.05	192.55 11.75 -0.63	175.33 7.43 -51.49	160.48 6.05 -53.02
DANC__LFGE 323619	177.92 1.83 0.00	124.25 1.32 0.00	127.45 1.26 0.00	106.50 0.46 0.00	105.54 0.84 0.00	111.12 1.09 0.00	105.39 1.34 0.00	115.51 1.74 0.00	124.61 1.38 0.00	136.22 2.15 0.00	176.42 2.84 0.00	123.25 1.05 -5.33	133.42 0.43 -0.68	96.32 0.68 -4.56	146.70 0.93 0.00	126.81 -0.47 0.00	132.13 -1.43 -0.52	135.33 -1.87 0.00	123.66 -1.56 -0.60	123.20 -1.92 0.00	88.23 -1.48 -2.96	177.11 -3.09 -0.03	116.11 -2.80 -2.50	100.98 -3.00 -2.57
DANSKAMMER__1 23586	190.28 14.19 0.00	133.34 10.41 0.00	137.03 10.85 0.00	115.13 9.09 0.00	113.64 8.95 0.00	119.58 9.56 0.00	113.44 9.40 0.00	133.67 10.73 -9.17	140.41 11.60 -5.58	153.17 12.22 -6.88	199.11 15.78 -9.75	206.40 9.78 -79.75	153.30 10.84 -10.15	166.92 7.26 -68.59	158.04 12.28 0.01	139.12 11.84 -0.01	154.92 13.13 -8.75	182.81 13.43 -32.18	146.17 11.93 -9.61	137.14 12.00 -0.01	142.60 8.29 -47.56	197.58 16.91 -0.49	167.26 10.74 -40.11	151.29 8.58 -41.30
DANSKAMMER__2 23589	190.28 14.19 0.00	133.34 10.41 0.00	137.03 10.85 0.00	115.13 9.09 0.00	113.64 8.95 0.00	119.58 9.56 0.00	113.44 9.40 0.00	133.67 10.73 -9.17	140.41 11.60 -5.58	153.17 12.22 -6.88	199.11 15.78 -9.75	206.40 9.78 -79.75	153.30 10.84 -10.15	166.92 7.26 -68.59	158.04 12.28 0.01	139.12 11.84 -0.01	154.92 13.13 -8.75	182.81 13.43 -32.18	146.17 11.93 -9.61	137.14 12.00 -0.01	142.60 8.29 -47.56	197.58 16.91 -0.49	167.26 10.74 -40.11	151.29 8.58 -41.30
DANSKAMMER__3 23590	190.28 14.19 0.00	133.34 10.41 0.00	137.03 10.85 0.00	115.13 9.09 0.00	113.64 8.95 0.00	119.58 9.56 0.00	113.44 9.40 0.00	133.67 10.73 -9.17	140.41 11.60 -5.58	153.17 12.22 -6.88	199.11 15.78 -9.75	206.40 9.78 -79.75	153.30 10.84 -10.15	166.92 7.26 -68.59	158.04 12.28 0.01	139.12 11.84 -0.01	154.92 13.13 -8.75	182.81 13.43 -32.18	146.17 11.93 -9.61	137.14 12.00 -0.01	142.60 8.29 -47.56	197.58 16.91 -0.49	167.26 10.74 -40.11	151.29 8.58 -41.30

DANSKAMMER___4 23591	190.28 14.19 0.00	133.34 10.41 0.00	137.03 10.85 0.00	115.13 9.09 0.00	113.64 8.95 0.00	119.58 9.56 0.00	113.44 9.40 0.00	133.67 10.73 -9.17	140.41 11.60 -5.58	153.17 12.22 -6.88	199.11 15.78 -9.75	206.40 9.78 -79.75	153.30 10.84 -10.15	166.92 7.26 -68.59	158.04 12.28 0.01	139.12 11.84 -0.01	154.92 13.13 -8.75	182.81 13.43 -32.18	146.17 11.93 -9.61	137.14 12.00 -0.01	142.60 8.29 -47.56	197.58 16.91 -0.49	167.26 10.74 -40.11	151.29 8.58 -41.30
DANSKAMMER___DIESEL 23592	190.28 14.19 0.00	133.34 10.41 0.00	137.04 10.85 0.00	115.14 9.10 0.00	113.65 8.95 0.00	119.58 9.56 0.00	113.45 9.40 0.00	133.70 10.75 -9.17	140.42 11.61 -5.58	153.20 12.25 -6.88	199.07 15.74 -9.75	206.41 9.79 -79.75	153.31 10.84 -10.15	166.93 7.26 -68.59	158.05 12.29 0.01	139.13 11.85 -0.01	154.91 13.12 -8.75	182.80 13.42 -32.18	146.15 11.92 -9.61	137.14 12.00 -0.01	142.61 8.30 -47.56	197.58 16.91 -0.49	167.27 10.75 -40.11	151.29 8.58 -41.30
DARBY___SOLAR 323810	187.23 11.14 0.00	130.79 7.86 0.00	134.27 8.08 0.00	112.82 6.79 0.00	111.39 6.69 0.00	117.25 7.22 0.00	111.35 7.31 0.00	173.23 8.33 -51.13	169.67 8.90 -37.54	199.91 9.69 -56.14	244.74 12.52 -58.64	231.63 7.41 -107.36	153.41 7.43 -13.67	188.26 4.94 -92.25	154.05 8.29 0.00	135.27 7.98 -0.01	153.00 9.07 -10.88	144.75 8.95 1.40	145.14 8.21 -12.32	133.49 8.34 -0.02	153.39 5.72 -60.92	192.15 11.35 -0.63	174.97 7.18 -51.38	160.22 5.90 -52.91
DASHVILLE___HYD 23610	193.20 17.11 0.00	135.37 12.44 0.00	139.12 12.93 0.00	116.90 10.86 0.00	115.44 10.75 0.00	121.58 11.56 0.00	115.45 11.40 0.00	139.19 13.00 -12.43	145.36 14.12 -8.01	159.52 14.79 -10.66	205.78 18.66 -13.54	211.11 11.63 -82.61	155.69 12.85 -10.52	170.63 8.51 -71.04	160.31 14.55 0.01	141.53 14.24 -0.01	157.73 15.87 -8.82	178.27 16.66 -24.42	149.08 14.62 -9.84	139.83 14.69 -0.01	145.41 9.99 -48.66	201.12 20.45 -0.50	170.26 12.81 -41.04	153.80 10.12 -42.26
DEERFIELD_69_KV_DEERFIELD LD 355887	197.95 21.86 0.00	158.99 17.32 -18.74	152.37 18.39 -7.80	153.50 15.73 -31.74	152.93 15.56 -32.67	154.65 16.42 -28.21	152.96 15.49 -33.42	150.81 18.01 -19.03	168.58 18.01 -27.34	175.96 17.21 -24.67	209.33 21.33 -14.41	209.31 12.35 -80.10	156.30 13.79 -10.20	169.69 9.81 -68.81	168.03 19.74 -2.53	149.93 18.62 -4.04	161.25 19.39 -8.82	206.84 18.98 -50.66	191.44 18.54 -48.28	153.10 19.37 -8.60	149.74 12.74 -50.26	209.15 26.06 -2.91	175.34 15.40 -43.53	154.27 11.34 -41.52
DELAWARE___LFGE 323621	182.98 6.89 0.00	127.89 4.96 0.00	131.40 5.22 0.00	110.32 4.29 0.00	109.05 4.35 0.00	114.68 4.65 0.00	108.47 4.42 0.00	127.78 4.84 -9.16	134.74 5.37 -6.14	148.11 5.53 -8.50	190.78 7.07 -10.12	157.28 4.40 -36.01	141.74 4.84 -4.58	125.32 3.20 -31.05	150.96 5.22 0.02	132.28 5.01 0.00	140.89 5.11 -2.73	146.35 5.21 -3.94	133.57 4.72 -4.23	129.88 4.74 -0.01	111.01 3.33 -20.93	187.46 7.07 -0.22	138.52 4.46 -17.65	123.20 3.61 -18.17
DERFIELD_115KV_TB7 355931	177.14 1.06 0.00	123.72 0.79 0.00	127.05 0.86 0.00	106.69 0.65 0.00	105.36 0.67 0.00	110.73 0.71 0.00	104.82 0.78 0.00	114.61 0.84 0.00	124.09 0.86 0.00	135.00 0.93 0.00	174.80 1.21 0.00	117.33 0.46 0.00	132.71 0.40 0.00	91.43 0.36 0.00	146.49 0.73 0.00	128.01 0.73 0.00	133.84 0.79 0.00	137.90 0.70 0.00	125.37 0.75 0.00	125.88 0.75 0.00	87.27 0.51 0.00	181.23 1.06 0.00	117.05 0.64 0.00	101.89 0.48 0.00
DOGLEVILLE___HYD 23807	184.15 8.06 0.00	128.61 5.68 0.00	132.20 6.02 0.00	110.94 4.91 0.00	109.70 5.00 0.00	115.14 5.12 0.00	109.29 5.24 0.00	120.05 6.27 0.00	130.16 6.93 0.00	141.16 7.09 0.00	182.84 9.25 0.00	121.58 4.72 0.00	136.60 4.29 0.00	93.96 2.89 0.00	150.93 5.16 0.00	132.29 5.02 0.00	138.96 5.92 0.00	143.02 5.82 0.00	130.22 5.60 0.00	130.81 5.68 0.00	90.62 3.87 0.00	188.45 8.27 0.00	121.92 5.51 0.00	106.18 4.77 0.00
DUNKIRK___115KV_TB_200 55889	163.87 -12.22 0.00	113.06 -9.87 0.00	116.22 -9.97 0.00	96.76 -9.28 0.00	97.09 -7.61 0.00	101.20 -8.83 0.00	95.01 -9.03 0.00	86.50 -12.38 14.89	101.87 -13.67 7.69	118.71 -15.40 -0.04	153.20 -20.67 -0.28	114.11 -13.69 -10.93	117.86 -15.90 -1.45	92.36 -10.75 -12.04	126.75 -18.82 0.20	110.81 -16.47 0.00	106.63 -17.36 9.06	121.48 -17.21 -1.49	106.49 -15.87 2.26	109.28 -15.84 0.00	79.26 -11.22 -3.73	146.29 -23.11 10.77	109.19 -14.14 -6.93	98.16 -10.38 -7.13
DUNKIRK___1 23563	163.87 -12.22 0.00	113.06 -9.87 0.00	116.22 -9.97 0.00	96.76 -9.28 0.00	97.09 -7.61 0.00	101.20 -8.83 0.00	95.01 -9.03 0.00	86.50 -12.38 14.89	101.87 -13.67 7.69	118.71 -15.40 -0.04	153.20 -20.67 -0.28	114.11 -13.69 -10.93	117.86 -15.90 -1.45	92.36 -10.75 -12.04	126.75 -18.82 0.20	110.81 -16.47 0.00	106.63 -17.36 9.06	121.48 -17.21 -1.49	106.49 -15.87 2.26	109.28 -15.84 0.00	79.26 -11.22 -3.73	146.29 -23.11 10.77	109.19 -14.14 -6.93	98.16 -10.38 -7.13
DUNKIRK___2 23564	163.87 -12.22 0.00	113.06 -9.87 0.00	116.22 -9.97 0.00	96.76 -9.28 0.00	97.09 -7.61 0.00	101.20 -8.83 0.00	95.01 -9.03 0.00	86.50 -12.38 14.89	101.87 -13.67 7.69	118.71 -15.40 -0.04	153.20 -20.67 -0.28	114.11 -13.69 -10.93	117.86 -15.90 -1.45	92.36 -10.75 -12.04	126.75 -18.82 0.20	110.81 -16.47 0.00	106.63 -17.36 9.06	121.48 -17.21 -1.49	106.49 -15.87 2.26	109.28 -15.84 0.00	79.26 -11.22 -3.73	146.29 -23.11 10.77	109.19 -14.14 -6.93	98.16 -10.38 -7.13
DUNKIRK___3 23565	163.17 -12.92 0.00	112.63 -10.30 0.00	115.84 -10.35 0.00	96.66 -9.38 0.00	96.75 -7.95 0.00	100.98 -9.05 0.00	94.73 -9.31 0.00	84.75 -12.48 16.54	100.88 -13.82 8.53	118.54 -15.56 -0.03	152.98 -20.84 -0.24	113.72 -13.79 -10.65	117.81 -15.92 -1.42	92.25 -10.71 -11.89	126.95 -18.61 0.20	110.96 -16.32 0.00	106.51 -17.27 9.26	121.50 -17.17 -1.47	106.35 -15.82 2.45	109.37 -15.76 0.00	79.06 -11.12 -3.44	146.12 -22.80 11.25	109.35 -13.90 -6.84	98.26 -10.20 -7.05
DUNKIRK___4 23566	163.17 -12.92 0.00	112.63 -10.30 0.00	115.84 -10.35 0.00	96.66 -9.38 0.00	96.75 -7.95 0.00	100.98 -9.05 0.00	94.73 -9.31 0.00	84.75 -12.48 16.54	100.88 -13.82 8.53	118.54 -15.56 -0.03	152.98 -20.84 -0.24	113.72 -13.79 -10.65	117.81 -15.92 -1.42	92.25 -10.71 -11.89	126.95 -18.61 0.20	110.96 -16.32 0.00	106.51 -17.27 9.26	121.50 -17.17 -1.47	106.35 -15.82 2.45	109.37 -15.76 0.00	79.06 -11.12 -3.44	146.12 -22.80 11.25	109.35 -13.90 -6.84	98.26 -10.20 -7.05
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	188.61 12.52 0.00	132.38 9.45 0.00	136.15 9.97 0.00	114.39 8.35 0.00	112.84 8.14 0.00	118.65 8.62 0.00	112.42 8.38 0.00	132.25 9.65 -8.83	139.04 10.38 -5.43	151.39 10.87 -6.44	196.97 14.04 -9.35	205.67 8.72 -80.08	152.28 9.77 -10.20	166.34 6.48 -68.79	156.90 11.14 0.01	138.08 10.80 -0.01	153.56 11.70 -8.81	182.58 11.73 -33.65	144.79 10.50 -9.66	135.77 10.63 -0.01	141.92 7.38 -47.79	196.03 15.37 -0.49	166.59 9.88 -40.31	150.70 7.78 -41.51
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	188.13 12.04 0.00	131.88 8.95 0.00	135.54 9.36 0.00	113.86 7.82 0.00	112.37 7.67 0.00	118.23 8.21 0.00	112.10 8.06 0.00	131.90 9.23 -8.89	138.46 9.94 -5.29	151.20 10.46 -6.67	196.52 13.48 -9.46	202.44 8.36 -77.21	151.37 9.23 -9.83	163.69 6.17 -66.45	156.25 10.50 0.01	137.53 10.24 -0.01	152.89 11.41 -8.43	179.40 11.69 -30.51	144.32 10.40 -9.31	135.63 10.49 -0.01	140.05 7.26 -46.04	195.45 14.80 -0.48	164.67 9.43 -38.82	148.85 7.46 -39.98

E179THST_138_KV_TB4_REV_LBMP_J 345001	188.68 12.59 0.00	132.48 9.56 0.00	136.31 10.12 0.00	114.46 8.43 0.00	112.88 8.19 0.00	118.69 8.67 0.00	112.63 8.58 0.00	132.50 9.90 -8.83	139.31 10.65 -5.44	151.75 11.23 -6.45	197.38 14.45 -9.35	206.17 9.21 -80.09	152.90 10.39 -10.20	166.71 6.83 -68.80	157.57 11.82 0.01	138.77 11.48 -0.01	153.87 12.01 -8.82	183.13 12.28 -33.66	145.30 11.02 -9.66	135.89 10.75 -0.01	142.22 7.67 -47.80	196.80 16.13 -0.49	167.13 10.40 -40.31	151.06 8.14 -41.51
E179THST_13_KV_LOAD 356214	189.60 13.51 0.00	133.11 10.18 0.00	136.92 10.73 0.00	114.95 8.91 0.00	113.37 8.67 0.00	119.22 9.20 0.00	113.17 9.12 0.00	133.13 10.53 -8.83	140.02 11.36 -5.44	152.52 12.00 -6.45	198.41 15.48 -9.35	206.85 9.89 -80.09	153.68 11.17 -10.20	167.23 7.35 -68.80	158.43 12.67 0.01	139.50 12.21 -0.01	154.66 12.80 -8.82	183.96 13.10 -33.66	146.02 11.74 -9.66	136.62 11.48 -0.01	142.73 8.19 -47.80	197.81 17.14 -0.49	167.76 11.04 -40.31	151.59 8.67 -41.51
EAST HAMPTON___GT 23717	199.86 23.77 0.00	160.83 19.15 -18.74	154.26 20.27 -7.80	154.96 17.18 -31.74	154.41 17.04 -32.67	156.36 18.13 -28.21	154.47 17.00 -33.42	152.60 19.80 -19.03	169.78 19.21 -27.34	176.89 18.15 -24.67	211.85 23.85 -14.41	210.87 13.90 -80.10	156.99 14.48 -10.20	170.63 10.75 -68.81	170.11 21.82 -2.53	151.85 20.53 -4.04	162.69 20.82 -8.82	208.31 20.45 -50.66	193.40 20.50 -48.28	154.77 21.04 -8.60	150.65 13.65 -50.26	209.94 26.86 -2.91	175.64 15.70 -43.53	153.96 11.04 -41.52
EAST RIVER___6 23660	188.79 12.70 0.00	132.60 9.67 0.00	136.44 10.26 0.00	114.61 8.58 0.00	113.04 8.35 0.00	118.90 8.88 0.00	112.67 8.63 0.00	132.64 10.04 -8.83	139.59 10.93 -5.43	151.96 11.44 -6.44	198.03 15.11 -9.35	206.39 9.44 -80.09	153.14 10.63 -10.20	166.84 6.97 -68.80	157.68 11.92 0.01	138.84 11.56 -0.01	154.25 12.39 -8.81	183.20 12.35 -33.65	145.37 11.09 -9.66	136.17 11.03 -0.01	142.18 7.64 -47.79	196.73 16.06 -0.49	167.05 10.34 -40.31	151.02 8.10 -41.51
EAST RIVER___7 23524	188.79 12.70 0.00	132.60 9.67 0.00	136.44 10.26 0.00	114.61 8.58 0.00	113.04 8.35 0.00	118.90 8.88 0.00	112.67 8.63 0.00	132.64 10.04 -8.83	139.59 10.93 -5.43	151.96 11.44 -6.44	198.03 15.11 -9.35	206.39 9.44 -80.09	153.14 10.63 -10.20	166.84 6.97 -68.80	157.68 11.92 0.01	138.84 11.56 -0.01	154.25 12.39 -8.81	183.20 12.35 -33.65	145.37 11.09 -9.66	136.17 11.03 -0.01	142.18 7.64 -47.79	196.73 16.06 -0.49	167.05 10.34 -40.31	151.02 8.10 -41.51
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	188.04 11.95 0.00	131.97 9.04 0.00	135.70 9.51 0.00	114.01 7.98 0.00	112.43 7.74 0.00	118.25 8.23 0.00	112.07 8.03 0.00	131.81 9.22 -8.81	138.53 9.89 -5.42	150.87 10.37 -6.43	196.39 13.48 -9.33	205.11 8.32 -79.93	151.83 9.34 -10.18	165.91 6.18 -68.66	156.41 10.65 0.01	137.62 10.34 -0.01	153.10 11.26 -8.79	182.05 11.31 -33.54	144.38 10.12 -9.64	135.37 10.23 -0.01	141.57 7.12 -47.70	195.39 14.73 -0.49	166.08 9.44 -40.23	150.29 7.45 -41.42
EAST_HAMPTON___DIESEL 23722	199.81 23.72 0.00	160.86 19.18 -18.74	154.29 20.30 -7.80	154.97 17.19 -31.74	154.41 17.04 -32.67	156.36 18.13 -28.21	154.45 16.98 -33.42	152.62 19.82 -19.03	169.81 19.24 -27.34	176.89 18.15 -24.67	211.88 23.88 -14.41	210.89 13.92 -80.10	157.09 14.58 -10.20	170.66 10.79 -68.81	170.15 21.86 -2.53	151.89 20.57 -4.04	162.70 20.84 -8.82	208.37 20.51 -50.66	193.38 20.48 -48.28	154.75 21.02 -8.60	150.60 13.60 -50.26	209.79 26.70 -2.91	175.50 15.56 -43.53	153.78 10.85 -41.52
EAST_POINT___SOLAR 323840	190.26 14.18 0.00	132.80 9.88 0.00	136.11 9.93 0.00	114.43 8.39 0.00	113.25 8.55 0.00	119.41 9.39 0.00	113.09 9.04 0.00	175.45 10.17 -51.50	171.96 10.79 -37.94	202.24 11.22 -56.94	246.47 13.73 -59.16	242.39 8.05 -117.47	155.54 8.27 -14.96	198.05 6.01 -100.97	155.75 9.99 0.01	137.06 9.77 -0.01	155.71 11.08 -11.58	147.89 12.18 1.49	149.05 10.92 -13.51	135.75 10.60 -0.02	160.62 7.04 -66.84	195.71 14.85 -0.69	182.18 9.40 -56.37	167.27 7.81 -58.05
EAST_PULASKI___ESR 323781	169.61 -6.48 0.00	118.33 -4.60 0.00	121.54 -4.64 0.00	102.03 -4.01 0.00	100.88 -3.82 0.00	106.15 -3.87 0.00	100.52 -3.52 0.00	109.78 -3.99 0.00	118.90 -4.33 0.00	129.25 -4.82 0.00	167.14 -6.45 0.00	119.08 -4.36 -6.58	128.06 -5.09 -0.84	93.35 -3.37 -5.65	140.05 -5.71 0.00	122.25 -5.03 0.00	128.80 -4.91 -0.66	132.20 -5.00 0.00	120.82 -4.56 -0.76	120.53 -4.59 0.00	87.24 -3.30 -3.79	173.17 -7.05 -0.04	114.97 -4.63 -3.19	100.63 -4.07 -3.29
EAST_RIVER___1 323558	188.82 12.73 0.00	132.68 9.75 0.00	136.51 10.33 0.00	114.68 8.65 0.00	113.13 8.43 0.00	118.95 8.93 0.00	112.69 8.65 0.00	132.64 10.04 -8.83	139.52 10.86 -5.43	151.89 11.37 -6.44	197.88 14.95 -9.35	206.32 9.36 -80.09	153.03 10.52 -10.20	166.76 6.89 -68.80	157.61 11.85 0.01	138.74 11.45 -0.01	154.13 12.27 -8.81	183.08 12.23 -33.65	145.27 10.98 -9.66	136.11 10.97 -0.01	142.16 7.61 -47.79	196.79 16.12 -0.49	167.11 10.39 -40.31	151.08 8.16 -41.51
EAST_RIVER___2 323559	188.79 12.70 0.00	132.60 9.67 0.00	136.44 10.26 0.00	114.61 8.58 0.00	113.04 8.35 0.00	118.90 8.88 0.00	112.67 8.63 0.00	132.64 10.04 -8.83	139.59 10.93 -5.43	151.96 11.44 -6.44	198.03 15.11 -9.35	206.39 9.44 -80.09	153.14 10.63 -10.20	166.84 6.97 -68.80	157.68 11.92 0.01	138.84 11.56 -0.01	154.25 12.39 -8.81	183.20 12.35 -33.65	145.37 11.09 -9.66	136.17 11.03 -0.01	142.18 7.64 -47.79	196.73 16.06 -0.49	167.05 10.34 -40.31	151.02 8.10 -41.51
EAST___DELAWARE_HYD 23607	186.75 10.67 0.00	130.81 7.88 0.00	134.46 8.27 0.00	112.99 6.95 0.00	111.62 6.92 0.00	117.52 7.50 0.00	111.58 7.53 0.00	131.61 8.72 -9.12	138.28 9.49 -5.56	151.02 9.79 -7.15	195.60 12.25 -9.77	197.27 7.33 -73.07	149.49 7.87 -9.30	159.07 5.13 -62.86	154.55 8.80 0.01	136.27 8.98 -0.01	151.53 10.64 -7.84	173.74 11.10 -25.44	143.30 9.92 -8.76	135.11 9.97 -0.01	136.92 6.83 -43.34	194.25 13.63 -0.45	161.47 8.51 -36.55	145.51 6.46 -37.64
EIGHT_POINT___WT_PWR 323820	168.56 -7.53 0.00	116.23 -6.70 0.00	119.66 -6.53 0.00	99.83 -6.20 0.00	98.39 -6.31 0.00	102.03 -7.99 0.00	98.30 -5.74 0.00	165.42 -7.51 -59.16	143.44 -10.02 -30.23	123.82 -11.77 -1.51	163.23 -13.25 -2.90	129.10 -6.74 -18.97	127.38 -7.19 -2.25	100.77 -5.15 -14.84	135.63 -10.03 0.10	116.72 -10.56 0.00	119.63 -9.64 3.78	129.96 -9.08 -1.84	123.09 -8.04 -6.51	116.72 -8.41 0.00	96.43 -5.49 -15.17	181.62 -11.06 -12.51	118.10 -6.78 -8.48	104.90 -5.24 -8.73
ELBRIDGE_115KV_TB2 80188	173.30 -2.79 0.00	120.69 -2.24 0.00	123.81 -2.38 0.00	103.95 -2.09 0.00	102.84 -1.85 0.00	108.20 -1.82 0.00	102.35 -1.70 0.00	111.88 -1.89 0.00	121.36 -1.86 0.00	131.78 -2.29 0.00	171.20 -3.03 -0.64	125.60 -2.24 -10.97	130.77 -2.83 -1.28	96.73 -2.06 -7.72	142.46 -3.31 0.00	124.63 -2.65 0.00	131.30 -2.68 -0.94	135.55 -2.57 -0.92	127.51 -2.32 -5.21	122.78 -2.35 0.00	94.84 -1.85 -9.95	187.80 -3.96 -11.58	118.37 -2.42 -4.38	103.78 -2.14 -4.51
ELEC_TRO_TEK 24086	189.74 13.65 0.00	166.96 10.89 -33.14	151.54 11.56 -13.79	172.03 9.89 -56.10	172.04 9.59 -57.75	169.91 10.03 -49.86	172.60 9.48 -59.08	151.84 11.22 -26.85	179.17 11.78 -44.16	185.12 12.38 -38.67	207.12 15.23 -18.30	206.33 9.36 -80.10	153.49 10.98 -10.20	167.04 7.16 -68.81	162.96 12.73 -4.47	146.38 11.97 -7.13	154.86 12.99 -8.82	213.64 12.73 -63.71	214.43 11.89 -77.92	152.54 12.22 -15.20	147.17 8.28 -52.14	201.76 16.82 -4.77	172.89 10.48 -46.00	151.09 8.16 -41.52

ELLENBURG_WT_PWR 323604	176.14 0.05 0.00	122.80 -0.13 0.00	125.78 -0.41 0.00	105.86 -0.17 0.00	104.56 -0.14 0.00	109.48 -0.54 0.00	103.43 -0.61 0.00	113.50 -0.27 0.00	123.11 -0.12 0.00	134.48 0.40 0.00	173.97 0.38 0.00	115.84 -1.03 0.00	130.64 -1.67 0.00	91.50 0.43 0.00	147.41 1.64 0.00	128.08 0.81 0.00	133.13 0.08 0.00	137.62 0.42 0.00	124.55 -0.07 0.00	124.83 -0.30 0.00	86.72 -0.03 0.00	180.19 0.02 0.00	115.55 -0.86 0.00	101.23 -0.18 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	160.88 -15.21 0.00	111.20 -11.73 0.00	114.46 -11.73 0.00	96.02 -10.01 0.00	95.59 -9.10 0.00	100.05 -9.97 0.00	93.73 -10.32 0.00	83.65 -13.44 16.68	99.95 -14.68 8.59	117.53 -16.56 -0.02	151.49 -22.22 -0.12	112.12 -14.69 -9.95	116.80 -16.85 -1.34	91.47 -11.14 -11.54	126.45 -19.10 0.21	110.56 -16.72 0.00	105.41 -17.75 9.88	120.78 -17.85 -1.43	105.17 -16.52 2.93	108.68 -16.45 0.00	77.94 -11.51 -2.70	144.03 -23.67 12.47	108.73 -14.33 -6.65	97.75 -10.51 -6.84
EMPIRE_CC_1 323656	183.51 7.42 0.00	128.24 5.31 0.00	131.69 5.51 0.00	110.74 4.71 0.00	109.12 4.43 0.00	114.65 4.63 0.00	108.66 4.62 0.00	137.02 4.95 -18.30	140.85 5.36 -12.27	156.56 5.72 -16.76	201.30 7.52 -20.20	223.33 4.39 -102.07	150.18 4.87 -13.00	182.29 3.53 -87.70	151.67 5.91 0.00	132.66 5.37 -0.01	149.64 6.21 -10.38	142.99 5.80 0.00	141.79 5.60 -11.57	130.94 5.80 -0.02	148.04 4.07 -57.22	189.00 8.23 -0.59	169.94 5.28 -48.26	155.86 4.76 -49.70
EMPIRE_CC_2 323658	183.51 7.42 0.00	128.24 5.31 0.00	131.69 5.51 0.00	110.74 4.71 0.00	109.12 4.43 0.00	114.65 4.63 0.00	108.66 4.62 0.00	137.02 4.95 -18.30	140.85 5.36 -12.27	156.56 5.72 -16.76	201.30 7.52 -20.20	223.33 4.39 -102.07	150.18 4.87 -13.00	182.29 3.53 -87.70	151.67 5.91 0.00	132.66 5.37 -0.01	149.64 6.21 -10.38	142.99 5.80 0.00	141.79 5.60 -11.57	130.94 5.80 -0.02	148.04 4.07 -57.22	189.00 8.23 -0.59	169.94 5.28 -48.26	155.86 4.76 -49.70
ENORWICH_115KV_TB1 80156	195.54 19.45 0.00	135.70 12.77 0.00	139.27 13.09 0.00	116.39 10.35 0.00	115.55 10.86 0.00	121.00 10.98 0.00	113.92 9.88 0.00	129.86 11.48 -4.60	138.83 12.62 -2.98	150.18 12.13 -3.98	193.60 14.78 -5.24	153.23 10.09 -26.28	147.50 11.89 -3.30	120.69 7.53 -22.09	156.52 10.78 0.03	136.39 9.11 0.00	142.80 8.40 -1.36	148.53 8.57 -2.77	135.75 6.61 -4.52	131.32 6.19 0.00	107.60 4.24 -16.61	193.31 8.81 -4.33	134.97 6.00 -12.56	120.85 6.51 -12.93
ERIE_ST_34_KV_TB1-2 80199	164.57 -11.52 0.00	113.73 -9.20 0.00	117.03 -9.16 0.00	98.15 -7.89 0.00	97.64 -7.06 0.00	102.28 -7.74 0.00	95.94 -8.11 0.00	89.77 -10.47 13.53	104.69 -11.53 7.00	120.92 -13.20 -0.04	156.05 -17.79 -0.25	115.81 -11.94 -10.88	120.22 -13.53 -1.44	94.19 -8.91 -12.03	130.43 -15.15 0.19	113.91 -13.37 0.00	109.82 -14.29 8.94	125.28 -14.00 -2.08	115.55 -12.85 -3.78	116.51 -12.63 -4.02	82.57 -8.92 -4.75	151.09 -17.89 11.19	112.63 -10.70 -6.92	100.98 -7.56 -7.13
ERIE_WT_PWR 323693	162.40 -13.68 0.00	112.26 -10.67 0.00	115.46 -10.73 0.00	96.88 -9.15 0.00	96.41 -8.29 0.00	100.92 -9.10 0.00	94.62 -9.42 0.00	85.83 -12.19 15.75	101.44 -13.66 8.13	118.88 -15.23 -0.03	153.14 -20.66 -0.21	113.78 -13.60 -10.52	118.18 -15.54 -1.41	92.64 -10.27 -11.84	127.80 -17.76 0.20	111.57 -15.71 0.00	106.83 -17.03 9.18	122.05 -16.61 -1.46	106.66 -15.35 2.61	109.85 -15.27 0.00	79.23 -10.75 -3.23	146.69 -21.81 11.67	110.03 -13.19 -6.81	98.82 -9.61 -7.01
ESPRGFLD_115KV_TB1 80157	184.69 8.60 0.00	128.96 6.03 0.00	132.22 6.04 0.00	110.99 4.96 0.00	109.81 5.12 0.00	115.61 5.59 0.00	109.18 5.13 0.00	156.95 5.65 -37.53	157.00 6.33 -27.44	181.56 6.54 -40.95	224.78 8.23 -42.97	122.21 5.42 0.07	138.33 6.03 0.01	95.14 4.08 0.01	152.05 6.29 0.01	133.18 5.91 0.00	138.28 5.80 0.57	143.67 6.48 0.00	130.24 5.62 0.00	130.45 5.33 0.00	90.38 3.63 0.00	188.27 8.10 0.00	121.45 5.04 0.00	105.51 4.10 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	179.45 3.37 0.00	124.96 2.03 0.00	128.32 2.14 0.00	107.51 1.48 0.00	106.55 1.85 0.00	112.04 2.03 0.00	105.99 1.95 0.00	118.46 2.26 -2.43	127.22 2.48 -1.51	138.34 2.34 -1.93	179.47 2.99 -2.90	137.61 1.61 -19.13	136.34 1.65 -2.38	107.82 1.03 -15.72	147.09 1.34 0.02	128.67 1.39 0.00	135.62 1.49 -1.08	140.77 1.63 -1.94	130.16 1.39 -4.15	126.43 1.30 0.00	100.36 0.72 -12.89	187.32 1.46 -5.68	126.30 0.96 -8.93	111.41 0.80 -9.20
ETNA____115KV_TB2 80207	179.45 3.37 0.00	124.96 2.03 0.00	128.32 2.14 0.00	107.51 1.48 0.00	106.55 1.85 0.00	112.04 2.03 0.00	105.99 1.95 0.00	118.46 2.26 -2.43	127.22 2.48 -1.51	138.34 2.34 -1.93	179.47 2.99 -2.90	137.61 1.61 -19.13	136.34 1.65 -2.38	107.82 1.03 -15.72	147.09 1.34 0.02	128.67 1.39 0.00	135.62 1.49 -1.08	140.77 1.63 -1.94	130.16 1.39 -4.15	126.43 1.30 0.00	100.36 0.72 -12.89	187.32 1.46 -5.68	126.30 0.96 -8.93	111.41 0.80 -9.20
EUCLID____115KV_TB2 356179	171.63 -4.45 0.00	119.72 -3.21 0.00	123.03 -3.15 0.00	103.27 -2.76 0.00	102.13 -2.57 0.00	107.39 -2.63 0.00	101.62 -2.43 0.00	110.93 -2.84 0.00	120.11 -3.12 0.00	130.55 -3.53 0.00	168.98 -4.61 0.00	120.64 -3.33 -7.10	129.34 -3.88 -0.90	94.62 -2.54 -6.10	141.57 -4.19 0.00	123.73 -3.55 0.00	130.07 -3.70 -0.72	133.33 -3.87 0.00	121.92 -3.52 -0.83	121.56 -3.57 0.00	88.26 -2.58 -4.09	174.80 -5.41 -0.04	116.35 -3.51 -3.45	101.94 -3.02 -3.55
E_CANADA_CAP_HY 24051	185.46 9.38 0.00	129.48 6.55 0.00	132.67 6.49 0.00	111.46 5.42 0.00	110.22 5.52 0.00	116.06 6.04 0.00	109.56 5.51 0.00	167.90 6.11 -48.02	165.20 6.64 -35.33	194.04 7.00 -52.96	237.57 8.86 -55.13	244.49 5.68 -121.94	153.85 6.01 -15.53	200.10 4.22 -104.81	152.45 6.69 0.01	133.48 6.19 -0.02	151.55 6.51 -11.99	143.46 7.30 1.04	145.12 6.47 -14.04	131.27 6.13 -0.02	160.36 4.18 -69.44	190.49 9.60 -0.72	180.99 6.02 -58.56	166.82 5.10 -60.30
E_CANADA_MHWK_HY 24050	184.15 8.06 0.00	128.61 5.68 0.00	132.20 6.02 0.00	110.94 4.91 0.00	109.70 5.00 0.00	115.14 5.12 0.00	109.29 5.24 0.00	120.05 6.27 0.00	130.16 6.93 0.00	141.16 7.09 0.00	182.84 9.25 0.00	121.58 4.72 0.00	136.60 4.29 0.00	93.96 2.89 0.00	150.93 5.16 0.00	132.29 5.02 0.00	138.96 5.92 0.00	143.02 5.82 0.00	130.22 5.60 0.00	130.81 5.68 0.00	90.62 3.87 0.00	188.45 8.27 0.00	121.92 5.51 0.00	106.18 4.77 0.00
E_FISHKILL____LBMP 23776	187.11 11.02 0.00	131.22 8.29 0.00	134.89 8.70 0.00	113.35 7.31 0.00	111.79 7.09 0.00	117.54 7.52 0.00	111.39 7.34 0.00	131.20 8.44 -8.99	137.84 9.04 -5.57	150.12 9.49 -6.56	195.39 12.29 -9.51	205.94 7.51 -81.56	151.07 8.37 -10.39	166.76 5.60 -70.09	155.42 9.66 0.01	136.71 9.43 -0.01	152.45 10.40 -9.01	182.32 10.43 -34.69	143.70 9.23 -9.85	134.49 9.35 -0.01	141.95 6.48 -48.72	194.03 13.35 -0.50	166.03 8.53 -41.09	150.53 6.81 -42.31
FALCON____SEABRD_CC1 323796	176.64 0.55 0.00	123.18 0.25 0.00	126.11 -0.07 0.00	106.16 0.13 0.00	104.93 0.23 0.00	109.84 -0.19 0.00	103.91 -0.14 0.00	114.15 0.38 0.00	123.79 0.56 0.00	135.29 1.22 0.00	175.09 1.50 0.00	116.51 -0.36 0.00	131.51 -0.81 0.00	92.14 1.07 0.00	148.51 2.75 0.00	129.14 1.87 0.00	134.04 0.99 0.00	138.53 1.34 0.00	125.55 0.93 0.00	125.85 0.72 0.00	87.38 0.63 0.00	181.59 1.42 0.00	116.62 0.21 0.00	101.92 0.51 0.00

FALCON___SEABRD_CC2 323797	176.64 0.55 0.00	123.18 0.25 0.00	126.11 -0.07 0.00	106.16 0.13 0.00	104.93 0.23 0.00	109.84 -0.19 0.00	103.91 -0.14 0.00	114.15 0.38 0.00	123.79 0.56 0.00	135.29 1.22 0.00	175.09 1.50 0.00	116.51 -0.36 0.00	131.51 -0.81 0.00	92.14 1.07 0.00	148.51 2.75 0.00	129.14 1.87 0.00	134.04 0.99 0.00	138.53 1.34 0.00	125.55 0.93 0.00	125.85 0.72 0.00	87.38 0.63 0.00	181.59 1.42 0.00	116.62 0.21 0.00	101.92 0.51 0.00
FAR ROCKAWAY___4 23548	191.61 15.52 0.00	165.88 12.60 -30.35	152.11 13.29 -12.63	168.69 11.27 -51.39	168.55 10.95 -52.90	167.19 11.50 -45.67	169.17 11.01 -54.12	152.03 12.92 -25.34	177.81 13.68 -40.90	184.42 14.38 -35.96	209.00 17.86 -17.55	208.08 11.11 -80.10	155.52 13.00 -10.20	168.41 8.53 -68.81	164.78 14.91 -4.10	147.65 13.85 -6.53	157.07 15.20 -8.82	213.41 15.03 -61.19	210.78 13.97 -72.18	153.29 14.24 -13.92	148.14 9.62 -51.78	204.15 19.56 -4.41	174.06 12.14 -45.52	152.47 9.54 -41.52
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	189.00 12.91 0.00	132.78 9.85 0.00	136.63 10.44 0.00	114.76 8.73 0.00	113.21 8.51 0.00	119.04 9.02 0.00	112.77 8.72 0.00	132.75 10.15 -8.83	139.57 10.91 -5.43	152.01 11.49 -6.44	197.92 14.99 -9.35	206.36 9.41 -80.09	153.08 10.57 -10.20	166.80 6.93 -68.80	157.65 11.89 0.01	138.75 11.46 -0.01	154.13 12.27 -8.82	183.11 12.25 -33.65	145.32 11.03 -9.66	136.14 10.99 -0.01	142.22 7.67 -47.80	196.96 16.29 -0.49	167.21 10.49 -40.31	151.16 8.24 -41.51
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	189.16 13.07 0.00	132.86 9.93 0.00	136.72 10.53 0.00	114.83 8.80 0.00	113.28 8.58 0.00	119.11 9.09 0.00	112.84 8.79 0.00	132.84 10.24 -8.83	139.68 11.02 -5.43	152.06 11.54 -6.44	198.03 15.10 -9.35	206.44 9.49 -80.09	153.16 10.65 -10.20	166.85 6.98 -68.80	157.77 12.01 0.01	138.84 11.55 -0.01	154.19 12.33 -8.82	183.22 12.37 -33.65	145.40 11.12 -9.66	136.24 11.10 -0.01	142.28 7.73 -47.80	197.09 16.43 -0.49	167.30 10.58 -40.31	151.25 8.33 -41.51
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	188.95 12.87 0.00	132.73 9.80 0.00	136.59 10.41 0.00	114.72 8.68 0.00	113.16 8.46 0.00	118.97 8.94 0.00	112.73 8.69 0.00	132.70 10.10 -8.83	139.53 10.87 -5.43	151.89 11.37 -6.44	197.82 14.89 -9.35	206.28 9.33 -80.09	153.00 10.49 -10.20	166.75 6.88 -68.80	157.59 11.83 0.01	138.69 11.40 -0.01	154.03 12.17 -8.82	183.06 12.21 -33.65	145.22 10.94 -9.66	136.07 10.93 -0.01	142.16 7.62 -47.80	196.81 16.14 -0.49	167.11 10.40 -40.31	151.11 8.19 -41.51
FARRAGUT___LBMP 323566	188.80 12.71 0.00	132.62 9.69 0.00	136.47 10.28 0.00	114.62 8.58 0.00	113.07 8.37 0.00	118.89 8.87 0.00	112.63 8.58 0.00	132.59 9.98 -8.83	139.40 10.74 -5.43	151.76 11.24 -6.44	197.64 14.71 -9.35	206.14 9.19 -80.09	152.85 10.35 -10.20	166.65 6.78 -68.80	157.44 11.68 0.01	138.56 11.27 -0.01	153.89 12.03 -8.82	182.92 12.07 -33.65	145.12 10.84 -9.66	135.95 10.81 -0.01	142.07 7.53 -47.80	196.66 16.00 -0.49	167.04 10.31 -40.31	151.03 8.11 -41.51
FENNER___WINDPWR 24204	180.08 3.99 0.00	125.71 2.78 0.00	129.10 2.91 0.00	108.20 2.17 0.00	107.17 2.48 0.00	112.78 2.76 0.00	106.76 2.71 0.00	116.76 2.98 0.00	126.35 3.13 0.01	137.31 3.24 0.01	177.90 4.32 0.01	129.44 2.63 -9.95	136.35 2.77 -1.26	101.77 2.13 -8.57	149.09 3.33 0.01	129.86 2.58 0.00	136.24 2.46 -0.73	140.35 2.13 -1.02	127.72 1.94 -1.16	126.85 1.72 0.00	93.58 1.08 -5.75	182.50 2.27 -0.06	122.92 1.66 -4.85	107.37 0.96 -4.99
FIBERTEK___ENERGY 23856	174.05 -2.04 0.00	121.33 -1.60 0.00	124.59 -1.60 0.00	104.47 -1.56 0.00	103.33 -1.36 0.00	108.69 -1.34 0.00	102.88 -1.17 0.00	112.43 -1.35 0.00	121.81 -1.42 0.00	132.15 -1.93 0.00	171.49 -2.57 -0.47	124.90 -1.93 -9.96	131.11 -2.39 -1.18	96.74 -1.62 -7.29	143.16 -2.60 0.00	125.24 -2.04 0.00	131.95 -1.99 -0.89	136.14 -1.92 -0.86	126.95 -1.74 -4.07	123.35 -1.78 0.00	93.75 -1.42 -8.42	185.67 -3.09 -8.59	118.60 -1.94 -4.13	103.94 -1.73 -4.26
FITZPATRICK____ 23598	169.15 -6.94 0.00	117.98 -4.95 0.00	121.14 -5.04 0.00	101.75 -4.29 0.00	100.58 -4.11 0.00	105.73 -4.29 0.00	100.06 -3.99 0.00	109.25 -4.52 0.00	118.33 -4.90 0.00	128.66 -5.42 0.00	166.50 -7.09 0.00	117.00 -4.92 -5.06	127.26 -5.70 -0.64	91.53 -3.85 -4.32	139.54 -6.23 0.00	121.91 -5.36 0.00	128.21 -5.61 -0.78	131.47 -5.73 0.00	119.99 -5.22 -0.58	119.87 -5.26 0.00	85.93 -3.71 -2.90	172.43 -7.78 -0.03	113.84 -5.01 -2.44	99.61 -4.31 -2.51
FLOWRFLD_69_KV_BK1 356044	192.98 16.89 0.00	155.17 13.40 -18.84	148.41 14.38 -7.84	150.44 12.50 -31.90	149.80 12.27 -32.83	151.08 12.72 -28.34	149.51 11.88 -33.59	146.92 14.07 -19.08	165.14 14.46 -27.45	173.43 14.59 -24.76	205.44 17.42 -14.44	206.85 9.88 -80.10	154.64 12.13 -10.20	168.06 8.18 -68.81	163.95 15.65 -2.54	146.42 15.09 -4.06	158.10 16.23 -8.82	202.89 14.95 -50.75	187.50 14.40 -48.47	149.69 15.92 -8.64	147.59 10.57 -50.27	204.64 21.54 -2.93	172.94 12.98 -43.55	152.82 9.89 -41.52
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	190.63 14.54 0.00	133.58 10.66 0.00	137.30 11.11 0.00	115.36 9.32 0.00	113.87 9.17 0.00	119.83 9.80 0.00	113.66 9.62 0.00	133.94 11.00 -9.17	140.73 11.90 -5.60	153.48 12.55 -6.85	199.48 16.15 -9.74	207.03 10.06 -80.11	153.67 11.16 -10.20	167.43 7.47 -68.89	158.37 12.61 0.01	139.41 12.12 -0.01	155.24 13.40 -8.79	183.47 13.71 -32.56	146.46 12.18 -9.66	137.42 12.28 -0.01	143.02 8.49 -47.78	197.96 17.29 -0.49	167.69 10.98 -40.29	151.68 8.78 -41.50
FORT ORANGE____ 23900	185.29 9.20 0.00	129.37 6.44 0.00	132.91 6.73 0.00	111.70 5.67 0.00	110.20 5.51 0.00	115.86 5.85 0.00	109.89 5.85 0.00	150.45 6.31 -30.36	151.65 6.88 -21.54	172.62 7.32 -31.23	217.34 9.44 -34.32	226.79 5.71 -104.21	151.76 6.18 -13.27	184.77 4.16 -89.54	152.17 6.41 0.00	131.80 4.51 -0.01	148.76 5.16 -10.56	140.57 4.87 1.50	141.27 4.71 -11.94	130.06 4.92 -0.02	149.29 3.46 -59.08	187.92 7.14 -0.61	170.85 4.61 -49.82	157.54 4.82 -51.31
FORT_DRUM_COGEN 23780	183.45 7.36 0.00	128.13 5.20 0.00	131.34 5.15 0.00	109.63 3.60 0.00	108.72 4.02 0.00	114.55 4.52 0.00	108.73 4.69 0.00	119.40 5.63 0.00	128.79 5.57 0.00	141.04 6.97 0.00	182.52 8.93 0.00	126.19 4.96 -4.36	137.36 4.50 -0.56	98.42 3.62 -3.73	151.46 5.70 0.00	130.37 3.10 0.00	135.49 2.03 -0.41	138.80 1.60 0.00	126.67 1.58 -0.47	126.20 1.07 0.00	89.63 0.54 -2.34	180.89 0.70 -0.02	117.79 -0.60 -1.98	102.06 -1.39 -2.04
FOX_HILLS___ESR 323835	197.85 13.95 -7.81	133.49 10.56 0.00	137.24 11.05 0.00	115.41 9.37 0.00	113.76 9.07 0.00	119.67 9.64 0.00	113.49 9.45 0.00	170.26 11.03 -45.45	316.37 11.97 -181.17	371.64 12.55 -225.01	201.64 15.97 -12.09	228.89 10.03 -101.99	145.17 11.38 -1.48	170.88 7.49 -72.32	169.36 12.81 -10.78	256.60 12.35 -116.97	367.54 13.12 -221.37	360.32 13.23 -209.89	338.13 12.00 -201.51	330.97 11.96 -193.88	306.64 8.32 -211.57	286.17 17.27 -88.73	240.34 11.24 -112.69	151.77 8.85 -41.51
FPL FAR_ROCK_GT1 24212	191.63 15.54 0.00	165.88 12.60 -30.35	152.12 13.30 -12.63	168.71 11.28 -51.39	168.55 10.95 -52.90	167.19 11.50 -45.67	169.16 11.00 -54.12	151.97 12.86 -25.34	177.80 13.67 -40.90	184.41 14.37 -35.96	209.10 17.97 -17.55	208.10 11.14 -80.10	155.52 13.01 -10.20	168.41 8.53 -68.81	164.76 14.90 -4.10	147.65 13.85 -6.53	157.11 15.25 -8.82	213.40 15.01 -61.19	210.76 13.96 -72.18	153.29 14.24 -13.92	148.16 9.63 -51.78	204.11 19.53 -4.41	174.07 12.14 -45.52	152.47 9.54 -41.52

FPL FAR_ROCK_GT2 23815	191.63 15.54 0.00	165.88 12.60 -30.35	152.12 13.30 -12.63	168.71 11.28 -51.39	168.55 10.95 -52.90	167.19 11.50 -45.67	169.16 11.00 -54.12	151.97 12.86 -25.34	177.80 13.67 -40.90	184.41 14.37 -35.96	209.10 17.97 -17.55	208.10 11.14 -80.10	155.52 13.01 -10.20	168.41 8.53 -68.81	164.76 14.90 -4.10	147.65 13.85 -6.53	157.11 15.25 -8.82	213.40 15.01 -61.19	210.76 13.96 -72.18	153.29 14.24 -13.92	148.16 9.63 -51.78	204.11 19.53 -4.41	174.07 12.14 -45.52	152.47 9.54 -41.52
FRANKLIN_FALL_HYD 24054	179.48 3.40 0.00	125.06 2.13 0.00	128.11 1.92 0.00	107.75 1.72 0.00	106.51 1.81 0.00	111.59 1.57 0.00	105.21 1.16 0.00	115.53 1.76 0.00	125.51 2.28 0.00	137.10 3.03 0.00	177.38 3.80 0.00	118.06 1.19 0.00	133.29 0.98 0.00	93.15 2.07 0.00	149.88 4.12 0.00	129.96 2.69 0.00	135.11 2.07 0.00	140.11 2.91 0.00	126.77 2.15 0.00	126.92 1.80 0.00	88.11 1.36 0.00	182.91 2.73 0.00	117.47 1.06 0.00	102.85 1.44 0.00
FREEPORT_EQUS_GT1 23764	190.98 14.89 0.00	159.90 11.77 -25.19	149.20 12.53 -10.48	159.36 10.67 -42.65	159.01 10.41 -43.90	158.75 10.83 -37.90	159.25 10.29 -44.91	148.43 12.13 -22.53	170.97 12.87 -34.87	178.37 13.36 -30.94	205.64 15.90 -16.16	206.65 9.68 -80.10	153.88 11.36 -10.20	167.33 7.45 -68.81	162.53 13.37 -3.40	145.26 12.56 -5.42	155.69 13.82 -8.82	207.26 13.55 -56.51	198.83 12.66 -61.56	149.81 13.12 -11.55	146.69 8.84 -51.10	202.28 18.36 -3.74	172.51 11.46 -44.64	151.83 8.90 -41.52
FREEPORT___CT2 23818	190.98 14.89 0.00	159.90 11.77 -25.19	149.20 12.53 -10.48	159.36 10.67 -42.65	159.01 10.41 -43.90	158.75 10.83 -37.90	159.25 10.29 -44.91	148.43 12.13 -22.53	170.97 12.87 -34.87	178.37 13.36 -30.94	205.64 15.90 -16.16	206.65 9.68 -80.10	153.88 11.36 -10.20	167.33 7.45 -68.81	162.53 13.37 -3.40	145.26 12.56 -5.42	155.69 13.82 -8.82	207.26 13.55 -56.51	198.83 12.66 -61.56	149.81 13.12 -11.55	146.69 8.84 -51.10	202.28 18.36 -3.74	172.51 11.46 -44.64	151.83 8.90 -41.52
FRESHKLS_33_KV_LOAD 356253	188.61 13.28 0.75	133.07 10.14 0.00	136.73 10.54 0.00	115.10 9.06 0.00	113.41 8.71 0.00	119.29 9.27 0.00	108.17 9.18 5.06	117.72 10.77 6.82	120.29 11.72 14.66	126.30 12.24 20.02	186.15 15.40 2.83	123.83 9.61 2.65	111.89 10.90 31.33	112.10 7.17 -13.85	110.67 12.30 47.39	111.20 11.99 28.07	109.40 12.81 36.46	128.58 12.91 21.53	111.95 11.76 24.42	110.30 11.71 26.55	110.34 8.09 -15.50	131.71 16.71 65.17	119.52 10.85 7.74	132.32 8.48 -22.43
FULTON COGEN____ 23766	170.52 -5.57 0.00	118.96 -3.97 0.00	122.21 -3.97 0.00	102.58 -3.45 0.00	101.45 -3.24 0.00	106.72 -3.30 0.00	101.04 -3.00 0.00	110.33 -3.44 0.00	119.49 -3.74 0.00	129.88 -4.20 0.00	168.08 -5.51 0.00	119.75 -3.81 -6.70	128.73 -4.44 -0.85	93.89 -2.94 -5.75	140.81 -4.96 0.00	123.04 -4.23 0.00	129.43 -4.29 -0.68	132.78 -4.42 0.00	121.34 -4.06 -0.78	121.04 -4.09 0.00	87.67 -2.94 -3.86	173.99 -6.23 -0.04	115.57 -4.09 -3.25	101.18 -3.58 -3.35
FULTON___LFGE 323630	187.98 11.89 0.00	131.22 8.29 0.00	134.57 8.38 0.00	113.06 7.02 0.00	111.80 7.10 0.00	117.78 7.76 0.00	111.52 7.47 0.00	174.54 8.40 -52.37	170.79 8.96 -38.60	201.36 9.34 -57.94	245.34 11.59 -60.17	240.07 6.85 -116.35	153.83 6.70 -14.81	195.77 4.70 -100.00	153.56 7.80 0.01	135.65 8.36 -0.01	153.93 9.41 -11.47	145.79 10.19 1.60	147.20 9.20 -13.38	134.20 9.05 -0.02	158.97 6.04 -66.18	193.64 12.78 -0.68	180.25 8.03 -55.82	165.56 6.67 -57.48
G.F.CEMENT___DRP 24184	189.67 13.58 0.00	132.55 9.62 0.00	136.01 9.83 0.00	114.22 8.19 0.00	112.87 8.18 0.00	118.93 8.91 0.00	113.12 9.08 0.00	177.70 10.61 -53.32	173.70 11.25 -39.22	205.23 12.39 -58.77	250.88 16.09 -61.20	234.23 9.41 -107.95	155.05 8.99 -13.75	189.65 5.83 -92.75	155.36 9.60 0.00	136.59 9.30 -0.01	154.58 10.60 -10.93	146.00 10.50 1.69	146.48 9.47 -12.39	134.74 9.60 -0.02	154.54 6.53 -61.27	193.65 12.85 -0.63	176.22 8.14 -51.67	161.05 6.44 -53.21
GARDENVILLE___LBMP 24039	161.70 -14.39 0.00	111.74 -11.19 0.00	114.97 -11.21 0.00	96.40 -9.63 0.00	96.00 -8.69 0.00	100.46 -9.56 0.00	94.16 -9.88 0.00	82.28 -12.93 18.56	99.51 -14.17 9.55	118.15 -15.96 -0.03	152.40 -21.39 -0.20	113.17 -14.11 -10.42	117.54 -16.17 -1.39	92.11 -10.73 -11.76	127.08 -18.48 0.20	111.05 -16.22 0.00	106.47 -17.17 9.41	121.48 -17.17 -1.45	106.16 -15.86 2.60	109.38 -15.75 0.00	78.88 -11.06 -3.20	145.88 -22.67 11.62	109.50 -13.68 -6.77	98.39 -9.99 -6.97
GARDNVLA_35_KV_LD 355827	162.62 -13.47 0.00	112.34 -10.59 0.00	115.59 -10.59 0.00	96.95 -9.08 0.00	96.51 -8.19 0.00	101.03 -8.99 0.00	94.70 -9.34 0.00	86.82 -12.34 14.61	102.22 -13.46 7.55	118.95 -15.16 -0.04	153.46 -20.34 -0.21	114.03 -13.44 -10.61	118.30 -15.43 -1.41	92.76 -10.18 -11.87	127.94 -17.63 0.20	111.81 -15.47 0.00	107.55 -16.40 9.10	122.90 -16.34 -2.04	112.96 -15.05 -3.40	114.02 -14.98 -3.87	80.69 -10.50 -4.44	147.07 -21.56 11.54	110.23 -13.00 -6.83	99.01 -9.42 -7.03
GELCKHM___115KV_LOAD 80723	172.57 -3.52 0.00	120.35 -2.58 0.00	123.62 -2.56 0.00	103.72 -2.32 0.00	102.61 -2.09 0.00	107.92 -2.11 0.00	102.12 -1.92 0.00	111.52 -2.25 0.00	120.79 -2.44 0.00	131.16 -2.91 0.00	170.08 -3.77 -0.27	122.54 -2.76 -8.42	130.08 -3.26 -1.03	95.41 -2.19 -6.53	142.18 -3.59 0.00	124.32 -2.96 0.00	130.78 -3.03 -0.77	134.09 -3.11 0.00	124.41 -2.84 -2.63	122.26 -2.87 0.00	91.01 -2.11 -6.37	180.55 -4.49 -4.87	117.22 -2.89 -3.70	102.71 -2.51 -3.81
GENERAL___MILLS 23808	162.29 -13.80 0.00	112.13 -10.80 0.00	115.38 -10.80 0.00	96.78 -9.25 0.00	96.36 -8.34 0.00	100.86 -9.17 0.00	94.53 -9.51 0.00	85.49 -12.53 15.75	101.40 -13.70 8.13	118.69 -15.42 -0.03	153.09 -20.70 -0.21	113.72 -13.66 -10.52	118.04 -15.68 -1.41	92.55 -10.36 -11.84	127.67 -17.89 0.20	111.58 -15.69 0.00	107.23 -16.64 9.18	122.06 -16.60 -1.46	106.69 -15.32 2.61	109.89 -15.24 0.00	79.29 -10.68 -3.23	146.61 -21.89 11.67	110.02 -13.20 -6.81	98.84 -9.58 -7.01
GE_PLASTICS___DRP 24183	182.88 6.79 0.00	127.79 4.86 0.00	131.30 5.11 0.00	110.35 4.32 0.00	108.86 4.16 0.00	114.41 4.39 0.00	108.40 4.36 0.00	144.41 4.68 -25.96	146.42 5.06 -18.13	165.37 5.40 -25.90	209.73 7.00 -29.15	225.29 4.15 -104.27	150.16 4.57 -13.28	183.82 3.16 -89.59	150.97 5.21 0.00	131.52 4.23 -0.01	148.34 4.77 -10.53	138.96 4.48 2.72	141.02 4.45 -11.95	129.74 4.60 -0.02	149.09 3.21 -59.13	187.44 6.66 -0.61	170.61 4.33 -49.87	157.03 4.26 -51.36
GILBOA___1 23756	181.49 5.40 0.00	127.03 4.10 0.00	130.60 4.41 0.00	109.71 3.68 0.00	108.30 3.60 0.00	113.84 3.82 0.00	107.73 3.69 0.00	124.86 3.85 -7.23	131.50 4.22 -4.05	142.94 4.46 -4.40	186.80 5.77 -7.44	202.18 3.35 -81.97	146.45 3.70 -10.43	163.94 2.40 -70.47	150.09 4.33 0.01	131.60 4.32 -0.01	145.37 4.39 -7.94	141.32 4.13 0.00	138.27 4.14 -9.51	129.49 4.35 -0.01	137.03 3.25 -47.03	187.35 6.69 -0.48	160.37 4.30 -39.67	145.84 3.58 -40.85
GILBOA___2 23757	181.49 5.40 0.00	127.03 4.10 0.00	130.60 4.41 0.00	109.71 3.68 0.00	108.30 3.60 0.00	113.84 3.82 0.00	107.73 3.69 0.00	124.86 3.85 -7.23	131.50 4.22 -4.05	142.94 4.46 -4.40	186.80 5.77 -7.44	202.18 3.35 -81.97	146.45 3.70 -10.43	163.94 2.40 -70.47	150.09 4.33 0.01	131.60 4.32 -0.01	145.37 4.39 -7.94	141.32 4.13 0.00	138.27 4.14 -9.51	129.49 4.35 -0.01	137.03 3.25 -47.03	187.35 6.69 -0.48	160.37 4.30 -39.67	145.84 3.58 -40.85

GILBOA___3 23758	181.49 5.40 0.00	127.03 4.10 0.00	130.60 4.41 0.00	109.71 3.68 0.00	108.30 3.60 0.00	113.84 3.82 0.00	107.73 3.69 0.00	124.86 3.85 -7.23	131.50 4.22 -4.05	142.94 4.46 -4.40	186.80 5.77 -7.44	202.18 3.35 -81.97	146.45 3.70 -10.43	163.94 2.40 -70.47	150.09 4.33 0.01	131.60 4.32 -0.01	145.37 4.39 -7.94	141.32 4.13 0.00	138.27 4.14 -9.51	129.49 4.35 -0.01	137.03 3.25 -47.03	187.35 6.69 -0.48	160.37 4.30 -39.67	145.84 3.58 -40.85
GILBOA___4 23759	181.49 5.40 0.00	127.03 4.10 0.00	130.60 4.41 0.00	109.71 3.68 0.00	108.30 3.60 0.00	113.84 3.82 0.00	107.73 3.69 0.00	124.86 3.85 -7.23	131.50 4.22 -4.05	142.94 4.46 -4.40	186.80 5.77 -7.44	202.18 3.35 -81.97	146.45 3.70 -10.43	163.94 2.40 -70.47	150.09 4.33 0.01	131.60 4.32 -0.01	145.37 4.39 -7.94	141.32 4.13 0.00	138.27 4.14 -9.51	129.49 4.35 -0.01	137.03 3.25 -47.03	187.35 6.69 -0.48	160.37 4.30 -39.67	145.84 3.58 -40.85
GILBOA___ 23599	181.49 5.40 0.00	127.03 4.10 0.00	130.60 4.42 0.00	109.72 3.68 0.00	108.29 3.60 0.00	113.84 3.82 0.00	107.74 3.69 0.00	124.91 3.91 -7.23	131.50 4.22 -4.05	142.98 4.50 -4.40	186.82 5.80 -7.44	202.18 3.35 -81.97	146.45 3.71 -10.43	163.95 2.41 -70.47	150.08 4.32 0.01	131.61 4.33 -0.01	145.35 4.37 -7.94	141.34 4.14 0.00	138.26 4.14 -9.51	129.49 4.34 -0.01	137.04 3.25 -47.03	187.35 6.69 -0.48	160.37 4.30 -39.67	145.84 3.59 -40.85
GINNA___ 23603	160.69 -15.40 0.00	111.77 -11.16 0.00	114.88 -11.31 0.00	96.54 -9.49 0.00	95.72 -8.98 0.00	100.66 -9.36 0.00	95.05 -8.99 0.00	103.08 -10.69 0.00	111.45 -11.77 0.01	121.15 -12.95 -0.03	154.22 -17.26 2.11	108.62 -11.72 -3.47	119.68 -13.47 -0.84	90.91 -8.72 -8.56	131.11 -14.68 -0.03	114.44 -12.84 0.00	121.93 -13.60 -2.49	124.59 -13.63 -1.02	99.45 -12.72 12.45	112.32 -12.81 0.00	67.80 -9.12 9.83	123.45 -19.05 37.67	109.10 -12.14 -4.84	96.47 -9.92 -4.98
GLEN PARK___ 23778	184.28 8.19 0.00	128.76 5.83 0.00	131.99 5.81 0.00	110.17 4.14 0.00	109.28 4.59 0.00	115.20 5.17 0.00	109.38 5.34 0.00	120.17 6.40 0.00	129.59 6.36 0.00	141.84 7.76 0.00	183.52 9.94 0.00	126.93 5.57 -4.49	137.99 5.10 -0.57	98.92 4.01 -3.84	152.21 6.45 0.00	131.17 3.89 0.00	136.38 2.90 -0.43	139.82 2.62 0.00	127.62 2.51 -0.49	127.12 1.99 0.00	90.35 1.18 -2.43	182.13 1.93 -0.03	118.61 0.15 -2.05	102.68 -0.84 -2.11
GLENDALE_27_KV_LOAD 356172	190.21 14.12 0.00	133.56 10.63 0.00	137.35 11.17 0.00	115.35 9.32 0.00	113.78 9.08 0.00	119.71 9.69 0.00	113.55 9.51 0.00	134.78 11.12 -9.88	141.00 12.00 -5.76	154.00 12.60 -7.33	200.83 16.20 -11.05	208.58 10.24 -81.48	156.46 11.53 -12.62	169.57 7.60 -70.90	160.88 13.00 -2.11	140.80 12.50 -1.03	155.93 13.20 -9.69	184.10 13.25 -33.66	146.32 12.03 -9.66	137.26 12.04 -0.09	143.30 8.37 -48.18	199.77 17.51 -2.09	168.14 11.42 -40.31	151.94 9.02 -41.51
GLENWOOD_IC_1_G5 23712	190.06 13.98 0.00	166.27 10.88 -32.46	151.21 11.52 -13.51	170.76 9.77 -54.96	170.79 9.53 -56.57	168.85 9.99 -48.84	171.51 9.59 -57.87	151.40 11.14 -26.48	178.47 11.88 -43.37	184.51 12.43 -38.01	206.54 14.84 -18.12	206.46 9.50 -80.10	153.07 10.56 -10.20	166.99 7.10 -68.81	162.99 12.85 -4.38	146.36 12.10 -6.98	154.18 12.32 -8.82	212.50 12.20 -63.10	212.33 11.19 -76.52	151.54 11.53 -14.89	147.16 8.36 -52.05	202.02 17.17 -4.68	173.12 10.83 -45.88	151.38 8.45 -41.52
GLENWOOD_IC_2_G1 23688	189.11 13.02 0.00	134.38 10.06 -1.39	137.42 10.65 -0.58	117.36 8.97 -2.36	115.86 8.74 -2.43	121.33 9.22 -2.10	115.37 8.85 -2.48	133.60 10.24 -9.59	141.26 10.96 -7.06	153.35 11.48 -7.80	197.87 14.56 -9.72	205.95 8.98 -80.10	152.76 10.25 -10.20	166.64 6.76 -68.81	157.77 11.83 -0.18	138.90 11.32 -0.31	154.08 12.22 -8.82	184.24 12.12 -34.93	148.20 11.05 -12.53	137.02 11.24 -0.65	142.49 7.75 -47.99	196.80 15.95 -0.67	167.10 10.14 -40.55	150.88 7.95 -41.52
GLENWOOD_IC_3_G1 23689	189.11 13.02 0.00	134.38 10.06 -1.39	137.42 10.65 -0.58	117.36 8.97 -2.36	115.86 8.74 -2.43	121.33 9.22 -2.10	115.37 8.85 -2.48	133.60 10.24 -9.59	141.26 10.96 -7.06	153.35 11.48 -7.80	197.87 14.56 -9.72	205.95 8.98 -80.10	152.76 10.25 -10.20	166.64 6.76 -68.81	157.77 11.83 -0.18	138.90 11.32 -0.31	154.08 12.22 -8.82	184.24 12.12 -34.93	148.20 11.05 -12.53	137.02 11.24 -0.65	142.49 7.75 -47.99	196.80 15.95 -0.67	167.10 10.14 -40.55	150.88 7.95 -41.52
GLENWOOD___4 23550	190.06 13.98 0.00	166.27 10.88 -32.46	151.21 11.52 -13.51	170.76 9.77 -54.96	170.79 9.53 -56.57	168.85 9.99 -48.84	171.51 9.59 -57.87	151.40 11.14 -26.48	178.47 11.88 -43.37	184.54 12.45 -38.01	206.85 15.15 -18.12	206.55 9.58 -80.10	153.29 10.78 -10.20	167.08 7.20 -68.81	162.99 12.85 -4.38	146.39 12.13 -6.98	154.48 12.62 -8.82	212.80 12.50 -63.10	212.61 11.47 -76.52	151.81 11.79 -14.89	147.16 8.36 -52.05	202.02 17.17 -4.68	173.12 10.83 -45.88	151.38 8.45 -41.52
GLENWOOD___5 23614	190.06 13.98 0.00	166.27 10.88 -32.46	151.21 11.52 -13.51	170.76 9.77 -54.96	170.79 9.53 -56.57	168.85 9.99 -48.84	171.51 9.59 -57.87	151.40 11.14 -26.48	178.47 11.88 -43.37	184.54 12.45 -38.01	206.85 15.15 -18.12	206.55 9.58 -80.10	153.29 10.78 -10.20	167.08 7.20 -68.81	162.99 12.85 -4.38	146.39 12.13 -6.98	154.48 12.62 -8.82	212.80 12.50 -63.10	212.61 11.47 -76.52	151.81 11.79 -14.89	147.16 8.36 -52.05	202.02 17.17 -4.68	173.12 10.83 -45.88	151.38 8.45 -41.52
GLOBAL GREEN_PORT_GT1 23814	199.93 23.84 0.00	160.57 18.90 -18.75	153.98 19.99 -7.80	154.80 17.03 -31.74	154.25 16.88 -32.67	156.14 17.91 -28.21	154.34 16.87 -33.43	152.38 19.58 -19.03	168.80 18.23 -27.34	175.87 17.12 -24.68	211.64 23.64 -14.41	210.51 13.54 -80.10	155.49 12.98 -10.20	170.12 10.24 -68.81	169.80 21.51 -2.53	151.59 20.28 -4.04	161.56 19.70 -8.82	207.26 19.40 -50.66	193.20 20.30 -48.28	154.75 21.02 -8.60	150.73 13.72 -50.26	210.19 27.10 -2.91	176.12 16.18 -43.53	154.61 11.68 -41.52
GLOBE___DSASP 323697	155.07 -21.02 0.00	107.09 -15.83 0.00	110.32 -15.86 0.00	92.76 -13.28 0.00	92.25 -12.45 0.00	96.59 -13.43 0.00	90.24 -13.80 0.00	85.02 -16.92 11.84	98.30 -18.80 6.13	112.67 -21.39 0.01	144.86 -28.63 0.09	106.42 -19.12 -8.67	111.63 -21.89 -1.20	87.51 -14.46 -10.90	121.19 -24.35 0.22	106.15 -21.12 0.00	99.72 -22.64 10.69	115.53 -23.02 -1.34	99.35 -21.35 3.91	103.81 -21.32 0.00	73.08 -14.93 -1.26	134.50 -30.73 14.95	104.01 -18.68 -6.29	93.95 -13.93 -6.47
GOETHSLN___LBMP 323567	187.10 11.76 0.75	131.99 9.06 0.00	135.79 9.60 0.00	114.01 7.98 0.00	112.43 7.74 0.00	118.24 8.22 0.00	111.60 8.00 0.44	127.33 9.30 -4.26	121.12 9.87 11.98	129.36 10.35 15.06	188.38 13.52 -1.28	125.89 8.39 -0.63	116.07 9.42 25.66	116.06 6.13 -18.86	114.02 10.64 42.38	123.57 10.38 14.09	130.36 11.11 13.80	161.72 11.11 -13.42	116.46 9.91 18.07	111.05 9.90 23.98	117.13 6.92 -23.45	143.24 14.74 51.67	123.44 9.52 2.48	135.96 7.43 -27.13
GOLAH___69_KV_TB 1_2 80279	166.78 -9.31 0.00	115.66 -7.27 0.00	118.96 -7.22 0.00	99.94 -6.09 0.00	99.17 -5.52 0.00	104.26 -5.76 0.00	98.25 -5.79 0.00	106.37 -7.58 -0.18	115.16 -8.16 -0.09	124.80 -9.29 -0.02	159.55 -12.62 1.41	114.45 -8.60 -6.18	123.33 -10.02 -1.04	93.54 -6.52 -9.00	134.74 -11.03 -0.02	117.73 -9.55 0.00	124.57 -10.16 -1.68	129.33 -10.06 -2.20	119.01 -9.54 -3.94	123.16 -9.55 -7.58	77.96 -6.84 1.96	141.01 -14.40 24.76	112.65 -8.86 -5.09	99.93 -6.72 -5.24

GOODYEAR_LAKE_HYD 323669	184.51 8.42 0.00	128.94 6.01 0.00	132.38 6.19 0.00	111.12 5.08 0.00	109.90 5.21 0.00	115.66 5.63 0.00	109.39 5.34 0.00	137.27 5.85 -17.65	142.24 6.51 -12.50	159.04 6.77 -18.19	202.14 8.61 -19.94	148.10 5.50 -25.73	141.73 6.14 -3.27	117.36 4.09 -22.20	152.25 6.50 0.02	133.35 6.08 0.00	140.99 6.12 -1.82	146.55 6.45 -2.91	133.33 5.69 -3.02	130.73 5.60 0.00	105.57 3.89 -14.93	188.53 8.20 -0.15	134.16 5.16 -12.59	118.51 4.14 -12.97
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	175.67 -0.42 0.00	122.35 -0.58 0.00	125.76 -0.43 0.00	105.31 -0.72 0.00	104.37 -0.33 0.00	109.68 -0.34 0.00	103.63 -0.41 0.00	116.86 -0.40 -3.49	124.99 -0.38 -2.14	135.94 -0.83 -2.69	176.56 -0.96 -3.95	143.00 -1.04 -27.17	134.43 -1.29 -3.40	113.15 -0.85 -22.93	144.26 -1.46 0.05	126.16 -1.12 0.00	131.99 -1.41 -0.36	138.77 -1.30 -2.86	128.18 -1.08 -4.63	124.00 -1.13 0.00	103.14 -0.80 -17.19	183.31 -1.20 -4.34	128.74 -0.72 -13.05	114.11 -0.74 -13.44
GOUDEY___7 23579	175.67 -0.42 0.00	122.35 -0.58 0.00	125.76 -0.43 0.00	105.31 -0.72 0.00	104.37 -0.33 0.00	109.68 -0.34 0.00	103.63 -0.41 0.00	116.86 -0.40 -3.49	124.99 -0.38 -2.14	135.94 -0.83 -2.69	176.56 -0.96 -3.95	143.00 -1.04 -27.17	134.43 -1.29 -3.40	113.15 -0.85 -22.93	144.26 -1.46 0.05	126.16 -1.12 0.00	131.99 -1.41 -0.36	138.77 -1.30 -2.86	128.18 -1.08 -4.63	124.00 -1.13 0.00	103.14 -0.80 -17.19	183.31 -1.20 -4.34	128.74 -0.72 -13.05	114.11 -0.74 -13.44
GOUDEY___8 23580	175.67 -0.42 0.00	122.35 -0.58 0.00	125.76 -0.43 0.00	105.31 -0.72 0.00	104.37 -0.33 0.00	109.68 -0.34 0.00	103.63 -0.41 0.00	116.86 -0.40 -3.49	124.99 -0.38 -2.14	135.94 -0.83 -2.69	176.56 -0.96 -3.95	143.00 -1.04 -27.17	134.43 -1.29 -3.40	113.15 -0.85 -22.93	144.26 -1.46 0.05	126.16 -1.12 0.00	131.99 -1.41 -0.36	138.77 -1.30 -2.86	128.18 -1.08 -4.63	124.00 -1.13 0.00	103.14 -0.80 -17.19	183.31 -1.20 -4.34	128.74 -0.72 -13.05	114.11 -0.74 -13.44
GOWANUS_GT1_1 24077	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT1_2 24078	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT1_3 24079	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT1_4 24080	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT1_5 24084	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT1_6 24111	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT1_7 24112	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT1_8 24113	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT2_1 24114	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT2_2 24115	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT2_3 24116	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51

GOWANUS_GT2_4 24117	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT2_5 24118	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT2_6 24119	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT2_7 24120	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT2_8 24121	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT3_1 24122	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT3_2 24123	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.2														

GOWANUS_GT4_3 24132	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	441.78 12.79 -294.92	337.25 16.33 -147.34	338.94 10.35 -211.72	337.28 11.66 -193.31	337.29 7.68 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	436.99 13.35 -290.59	360.47 13.39 -209.89	338.33 12.17 -201.54	337.28 12.18 -199.97	337.29 8.46 -242.07	412.96 17.68 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT4_4 24133	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	441.78 12.79 -294.92	337.25 16.33 -147.34	338.94 10.35 -211.72	337.28 11.66 -193.31	337.29 7.68 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	436.99 13.35 -290.59	360.47 13.39 -209.89	338.33 12.17 -201.54	337.28 12.18 -199.97	337.29 8.46 -242.07	412.96 17.68 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT4_5 24134	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	441.78 12.79 -294.92	337.25 16.33 -147.34	338.94 10.35 -211.72	337.28 11.66 -193.31	337.29 7.68 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	436.99 13.35 -290.59	360.47 13.39 -209.89	338.33 12.17 -201.54	337.28 12.18 -199.97	337.29 8.46 -242.07	412.96 17.68 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT4_6 24135	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	441.78 12.79 -294.92	337.25 16.33 -147.34	338.94 10.35 -211.72	337.28 11.66 -193.31	337.29 7.68 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	436.99 13.35 -290.59	360.47 13.39 -209.89	338.33 12.17 -201.54	337.28 12.18 -199.97	337.29 8.46 -242.07	412.96 17.68 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT4_7 24136	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	441.78 12.79 -294.92	337.25 16.33 -147.34	338.94 10.35 -211.72	337.28 11.66 -193.31	337.29 7.68 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	436.99 13.35 -290.59	360.47 13.39 -209.89	338.33 12.17 -201.54	337.28 12.18 -199.97	337.29 8.46 -242.07	412.96 17.68 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GOWANUS_GT4_8 24137	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	441.78 12.79 -294.92	337.25 16.33 -147.34	338.94 10.35 -211.72	337.28 11.66 -193.31	337.29 7.68 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	436.99 13.35 -290.59	360.47 13.39 -209.89	338.33 12.17 -201.54	337.28 12.18 -199.97	337.29 8.46 -242.07	412.96 17.68 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
GREENBSH_115KV_TB3 55895	183.55 7.46 0.00	128.23 5.30 0.00	131.70 5.51 0.00	110.70 4.67 0.00	109.21 4.51 0.00	114.76 4.74 0.00	108.79 4.75 0.00	150.13 5.07 -31.29	150.98 5.51 -22.24	172.29 5.91 -32.31	216.71 7.73 -35.39	226.27 4.61 -104.79	150.74 5.08 -13.34	184.63 3.52 -90.03	151.38 5.62 0.00	131.36 4.08 -0.01	148.28 4.63 -10.60	139.38 4.26 2.08	140.82 4.20 -12.00	129.53 4.39 -0.02	149.20 3.09 -59.36	187.20 6.41 -0.61	170.68 4.21 -50.06	157.54 4.58 -51.55
GREENIDGE_115KV_TB5 80291	169.78 -6.31 0.00	118.05 -4.88 0.00	121.06 -5.12 0.00	101.70 -4.34 0.00	101.05 -3.65 0.00	106.12 -3.91 0.00	100.22 -3.82 0.00	137.25 -4.78 -28.26	132.83 -4.94 -14.54	129.88 -5.69 -1.49	172.31 -7.23 -5.96	140.39 -4.69 -28.21	129.70 -5.50 -2.88	101.58 -3.71 -14.22	138.62 -7.09 0.05	121.08 -6.20 0.00	125.62 -6.29 1.14	132.87 -6.08 -1.75	144.54 -5.59 -25.50	119.68 -5.45 0.00	119.52 -3.79 -36.56	237.03 -8.58 -65.44	119.20 -5.31 -8.10	105.38 -4.38 -8.34
GREENIDGE___3 23582	169.78 -6.31 0.00	118.05 -4.88 0.00	121.06 -5.12 0.00	101.70 -4.34 0.00	101.05 -3.65 0.00	106.12 -3.91 0.00	100.22 -3.82 0.00	137.25 -4.78 -28.26	132.83 -4.94 -14.54	129.88 -5.69 -1.49	172.31 -7.23 -5.96	140.39 -4.69 -28.21	129.70 -5.50 -2.88	101.58 -3.71 -14.22	138.62 -7.09 0.05	121.08 -6.20 0.00	125.62 -6.29 1.14	132.87 -6.08 -1.75	144.54 -5.59 -25.50	119.68 -5.45 0.00	119.52 -3.79 -36.56	237.03 -8.58 -65.44	119.20 -5.31 -8.10	105.38 -4.38 -8.34
GREENIDGE___4 23583	169.78 -6.31 0.00	118.06 -4.87 0.00	121.07 -5.12 0.00	101.71 -4.33 0.00	101.09 -3.61 0.00	106.10 -3.92 0.00	100.23 -3.82 0.00	137.26 -4.77 -28.26	132.82 -4.95 -14.54	129.91 -5.66 -1.49	172.32 -7.22 -5.96	140.40 -4.68 -28.21	129.71 -5.48 -2.88	101.59 -3.70 -14.22	138.65 -7.07 0.05	121.05 -6.23 0.00	125.55 -6.35 1.14	132.95 -5.99 -1.75	144.52 -5.61 -25.50	119.68 -5.45 0.00	119.47 -3.83 -36.56	237.06 -8.55 -65.44	119.21 -5.30 -8.10	105.41 -4.34 -8.34
GREENLWN_69_KV_BK 3 55738	188.18 12.09 0.00	152.46 10.34 -19.18	145.57 11.40 -7.98	148.56 10.05 -32.48	147.95 9.82 -33.43	148.74 9.85 -28.86	147.16 8.91 -34.20	143.71 10.68 -19.26	161.98 10.90 -27.85	170.37 11.20 -25.10	201.40 13.28 -14.53	204.84 7.87 -80.10	152.31 9.80 -10.20	165.94 6.06 -68.81	159.83 11.48 -2.59	142.97 11.56 -4.13	153.97 12.11 -8.82	199.42 11.17 -51.06	184.82 11.02 -49.17	145.82 11.89 -8.80	144.83 7.77 -50.32	198.57 15.43 -2.97	169.32 9.31 -43.61	150.09 7.16 -41.52
GREENWD_138_KV_38B11_REV_LBMP_J 345004	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 12.18 -214.83	300.08 8.46 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
GRISSOM___SOLAR 323813	187.83 11.74 0.00	131.13 8.20 0.00	134.52 8.34 0.00	112.98 6.94 0.00	111.73 7.03 0.00	117.68 7.65 0.00	111.46 7.41 0.00	175.29 8.34 -53.18	171.27 8.84 -39.20	202.09 9.16 -58.86	245.92 11.23 -61.10	238.63 6.44 -115.33	153.09 6.09 -14.68	194.46 4.27 -99.12	152.97 7.21 0.01	135.50 8.21 -0.01	153.76 9.34 -11.38	145.59 10.10 1.71	147.02 9.14 -13.26	134.18 9.03 -0.02	158.42 6.09 -65.58	193.61 12.76 -0.68	179.73 8.01 -55.31	164.97 6.61 -56.96
GROVEVILLE___HYD 323602	190.63 14.54 0.00	133.58 10.66 0.00	137.30 11.11 0.00	115.36 9.32 0.00	113.87 9.17 0.00	119.83 9.80 0.00	113.66 9.62 0.00	133.94 11.00 -9.17	140.73 11.90 -5.60	153.48 12.55 -6.85	199.48 16.15 -9.74	207.03 10.06 -80.11	153.67 11.16 -10.20	167.43 7.47 -68.89	158.37 12.61 0.01	139.41 12.12 -0.01	155.24 13.40 -8.79	183.47 13.71 -32.56	146.46 12.18 -9.66	137.42 12.28 -0.01	143.02 8.49 -47.78	197.96 17.29 -0.49	167.69 10.98 -40.29	151.68 8.78 -41.50
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	174.05 -2.04 0.00	121.33 -1.60 0.00	124.59 -1.60 0.00	104.47 -1.56 0.00	103.33 -1.36 0.00	108.69 -1.34 0.00	102.88 -1.17 0.00	112.43 -1.35 0.00	121.81 -1.42 0.00	132.15 -1.93 0.00	171.49 -2.57 -0.47	124.90 -1.93 -9.96	131.11 -2.39 -1.18	96.74 -1.62 -7.29	143.16 -2.60 0.00	125.24 -2.04 0.00	131.95 -1.99 -0.89	136.14 -1.92 -0.86	126.95 -1.74 -4.07	123.35 -1.78 0.00	93.75 -1.42 -8.42	185.67 -3.09 -8.59	118.60 -1.94 -4.13	103.94 -1.73 -4.26

HAMLTNNY_34_KV_TB 80303	174.31 -1.78 0.00	121.37 -1.56 0.00	124.54 -1.65 0.00	104.51 -1.52 0.00	103.45 -1.25 0.00	108.85 -1.17 0.00	102.99 -1.05 0.00	112.60 -1.17 0.00	122.14 -1.09 0.00	132.60 -1.48 0.00	172.18 -1.96 -0.55	126.09 -1.51 -10.74	131.56 -2.02 -1.27	97.24 -1.59 -7.76	143.30 -2.47 0.00	125.35 -1.93 0.00	132.08 -1.91 -0.94	136.45 -1.67 -0.92	127.72 -1.54 -4.64	123.57 -1.56 0.00	94.74 -1.33 -9.32	187.22 -2.95 -10.00	119.02 -1.79 -4.40	104.29 -1.65 -4.53
HAMPSHIRE___PAPER_HYD 323593	177.88 1.78 0.00	124.05 1.12 0.00	127.18 0.99 0.00	106.39 0.35 0.00	105.17 0.47 0.00	110.37 0.35 0.00	104.03 -0.01 0.00	113.97 0.20 0.00	121.98 -1.25 0.00	133.48 -0.60 0.00	172.57 -1.02 0.00	117.37 -1.71 -2.22	130.09 -2.50 -0.28	92.10 -0.81 -1.84	145.08 -0.69 0.00	126.01 -1.26 0.00	131.17 -2.09 -0.21	135.02 -2.17 0.00	122.70 -2.17 -0.24	122.58 -2.54 0.00	86.19 -1.76 -1.21	176.60 -3.58 -0.01	114.94 -2.49 -1.02	100.32 -2.15 -1.05
HARDSCRABBLE_WT_PWR 323673	183.00 6.91 0.00	127.80 4.87 0.00	131.29 5.10 0.00	110.19 4.15 0.00	108.93 4.23 0.00	114.23 4.20 0.00	108.26 4.22 0.00	118.94 5.16 0.00	129.10 5.87 0.00	140.00 5.93 0.00	181.42 7.83 0.00	120.90 4.03 0.00	135.98 3.67 0.00	93.51 2.43 0.00	149.98 4.22 0.00	131.13 3.85 0.00	137.42 4.37 0.00	141.49 4.29 0.00	128.79 4.17 0.00	129.25 4.13 0.00	89.57 2.82 0.00	186.31 6.13 0.00	120.71 4.30 0.00	105.42 4.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	187.45 11.36 0.00	131.40 8.47 0.00	135.08 8.89 0.00	113.42 7.38 0.00	111.90 7.21 0.00	117.73 7.71 0.00	111.60 7.55 0.00	130.69 8.63 -8.28	137.25 9.30 -4.73	149.97 9.83 -6.06	195.27 12.91 -8.77	199.68 8.07 -74.74	150.77 8.94 -9.52	161.62 5.98 -64.58	155.95 10.19 0.01	137.19 9.91 -0.01	152.18 10.94 -8.19	178.66 11.27 -30.20	143.71 10.04 -9.05	135.28 10.14 -0.01	138.56 7.03 -44.78	194.96 14.33 -0.46	163.30 9.13 -37.77	147.50 7.20 -38.89
HARSNRAD_115KV_TB1 81005	156.48 -19.60 0.00	108.18 -14.75 0.00	111.38 -14.80 0.00	93.61 -12.43 0.00	93.15 -11.55 0.00	97.60 -12.42 0.00	91.29 -12.75 0.00	80.55 -16.27 16.95	96.87 -17.59 8.77	114.30 -19.74 0.03	146.82 -26.56 0.20	105.16 -17.68 -5.97	113.23 -20.25 -1.16	88.40 -13.38 -10.71	122.86 -22.67 0.23	107.56 -19.68 0.04	104.13 -21.02 7.89	86.29 -21.22 29.69	-225.67 -19.70 330.58	-104.53 -19.64 210.02	8.18 -13.75 64.82	127.77 -28.46 23.94	105.29 -17.28 -6.17	94.96 -12.81 -6.36
HARZA MOOSE___RIVER 24016	182.50 6.41 0.00	127.39 4.46 0.00	130.71 4.52 0.00	109.43 3.39 0.00	108.31 3.61 0.00	113.95 3.93 0.00	108.05 4.01 0.00	118.49 4.72 0.00	127.93 4.70 0.00	139.76 5.69 0.00	180.81 7.23 0.00	123.94 4.18 -2.89	136.97 4.29 -0.37	96.77 3.23 -2.47	150.79 5.03 0.00	130.55 3.28 0.00	136.03 2.71 -0.27	139.43 2.24 0.00	127.03 2.10 -0.31	126.92 1.79 0.00	89.50 1.21 -1.54	182.23 2.04 -0.02	118.62 0.91 -1.30	102.94 0.20 -1.34
HDSNBRDG_115KV_BRDG_TB1 355580	172.47 -3.62 0.00	120.29 -2.64 0.00	123.59 -2.60 0.00	103.69 -2.34 0.00	102.62 -2.08 0.00	107.92 -2.11 0.00	102.12 -1.92 0.00	111.50 -2.27 0.00	120.77 -2.46 0.00	131.20 -2.87 0.00	169.86 -3.72 0.00	121.83 -2.73 -7.69	130.07 -3.23 -0.98	95.58 -2.10 -6.61	142.24 -3.53 0.00	124.32 -2.96 0.00	130.78 -3.04 -0.78	134.01 -3.19 0.00	122.62 -2.90 -0.90	122.19 -2.94 0.00	89.03 -2.15 -4.43	175.66 -4.56 -0.05	117.19 -2.96 -3.74	102.67 -2.59 -3.85
HELLGATE_13_KV_LD 55870	189.32 13.24 0.00	132.94 10.01 0.00	136.76 10.57 0.00	114.87 8.83 0.00	113.27 8.58 0.00	119.18 9.16 0.00	113.05 9.01 0.00	134.17 10.52 -9.88	140.32 11.32 -5.76	152.34 11.82 -6.45	198.05 15.12 -9.35	206.49 9.53 -80.09	153.30 10.78 -10.20	166.94 7.06 -68.80	157.91 12.15 0.01	139.03 11.75 -0.01	154.19 12.33 -8.82	183.26 12.40 -33.66	145.57 11.28 -9.66	136.38 11.24 -0.01	142.44 7.89 -47.80	197.11 16.44 -0.49	167.50 10.78 -40.31	151.45 8.52 -41.51
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	189.32 13.24 0.00	132.94 10.01 0.00	136.76 10.57 0.00	114.87 8.83 0.00	113.27 8.58 0.00	119.18 9.16 0.00	113.05 9.01 0.00	134.17 10.52 -9.88	140.32 11.32 -5.76	152.34 11.82 -6.45	198.05 15.12 -9.35	206.49 9.53 -80.09	153.30 10.78 -10.20	166.94 7.06 -68.80	157.91 12.15 0.01	139.03 11.75 -0.01	154.19 12.33 -8.82	183.26 12.40 -33.66	145.57 11.28 -9.66	136.38 11.24 -0.01	142.44 7.89 -47.80	197.11 16.44 -0.49	167.50 10.78 -40.31	151.45 8.52 -41.51
HEMPSTEAD___ 23647	189.69 13.61 0.00	161.78 10.86 -27.99	149.38 11.55 -11.65	163.31 9.88 -47.39	163.08 9.60 -48.78	162.16 10.02 -42.12	163.49 9.54 -49.91	149.03 11.21 -24.05	173.26 11.88 -38.14	180.12 12.37 -33.67	205.58 15.09 -16.91	206.23 9.26 -80.10	153.24 10.73 -10.20	166.92 7.04 -68.81	162.22 12.68 -3.78	145.26 11.96 -6.02	154.75 12.88 -8.82	208.78 12.53 -59.05	203.64 11.70 -67.32	150.07 12.10 -12.84	146.49 8.27 -51.47	201.16 16.88 -4.11	172.10 10.57 -45.12	151.11 8.18 -41.52
HEWLETT_69_KV_BK3 55828	190.98 14.89 0.00	165.22 11.94 -30.35	151.48 12.66 -12.63	168.16 10.73 -51.39	168.02 10.42 -52.90	166.61 10.92 -45.67	168.54 10.38 -54.12	151.36 12.25 -25.34	177.08 12.95 -40.90	183.67 13.63 -35.96	208.06 16.93 -17.55	207.43 10.47 -80.10	154.79 12.28 -10.20	167.93 8.05 -68.81	163.98 14.12 -4.10	146.98 13.17 -6.53	156.28 14.42 -8.82	212.59 14.20 -61.19	210.01 13.20 -72.18	152.53 13.48 -13.92	147.65 9.12 -51.78	203.12 18.54 -4.41	173.42 11.49 -45.52	151.95 9.02 -41.52
HICKLING___1 23621	171.80 -4.29 0.00	119.06 -3.87 0.00	122.50 -3.68 0.00	102.27 -3.76 0.00	101.61 -3.09 0.00	106.64 -3.38 0.00	100.77 -3.27 0.00	121.87 -3.88 -11.97	125.46 -4.11 -6.34	131.03 -4.96 -1.91	171.18 -5.97 -3.58	136.08 -4.11 -23.32	130.26 -4.84 -2.79	105.99 -3.18 -18.09	139.93 -5.75 0.08	122.16 -5.12 0.00	125.42 -5.53 2.10	134.24 -5.20 -2.25	128.00 -4.44 -7.83	120.55 -4.59 0.00	101.97 -3.13 -18.36	189.38 -5.77 -14.97	123.10 -3.62 -10.31	108.94 -3.09 -10.62
HICKLING___2 23622	171.80 -4.29 0.00	119.06 -3.87 0.00	122.50 -3.68 0.00	102.27 -3.76 0.00	101.61 -3.09 0.00	106.64 -3.38 0.00	100.77 -3.27 0.00	121.87 -3.88 -11.97	125.46 -4.11 -6.34	131.03 -4.96 -1.91	171.18 -5.97 -3.58	136.08 -4.11 -23.32	130.26 -4.84 -2.79	105.99 -3.18 -18.09	139.93 -5.75 0.08	122.16 -5.12 0.00	125.42 -5.53 2.10	134.24 -5.20 -2.25	128.00 -4.44 -7.83	120.55 -4.59 0.00	101.97 -3.13 -18.36	189.38 -5.77 -14.97	123.10 -3.62 -10.31	108.94 -3.09 -10.62
HIGH FALLS___HY 23754	193.18 17.09 0.00	135.37 12.44 0.00	139.13 12.94 0.00	116.91 10.87 0.00	115.49 10.80 0.00	121.66 11.64 0.00	115.53 11.49 0.00	138.35 13.22 -11.35	144.80 14.36 -7.21	158.59 15.02 -9.49	204.79 18.91 -12.30	208.71 11.75 -80.09	155.43 12.92 -10.20	168.53 8.57 -68.89	160.15 14.39 0.01	141.53 14.24 -0.01	157.73 16.10 -8.58	179.36 16.80 -25.36	149.18 15.00 -9.56	140.16 15.02 -0.01	144.41 10.36 -47.31	201.51 20.85 -0.49	169.47 13.16 -39.90	152.75 10.25 -41.08
HIGH_RIVER___SOLAR 323847	184.43 8.34 0.00	128.81 5.88 0.00	132.23 6.05 0.00	111.10 5.07 0.00	109.72 5.03 0.00	115.46 5.44 0.00	109.35 5.31 0.00	175.74 5.91 -56.05	170.89 6.30 -41.36	202.77 6.55 -62.15	246.20 8.19 -64.43	233.19 4.69 -111.63	150.85 4.32 -14.21	189.93 2.91 -95.94	151.27 5.51 0.00	133.21 5.92 -0.01	150.89 6.80 -11.04	142.17 7.05 2.08	143.99 6.54 -12.82	131.66 6.51 -0.02	154.67 4.49 -63.43	190.05 9.22 -0.65	175.68 5.77 -53.50	161.30 4.80 -55.09

HILLBURN___GT 23639	186.74 10.65 0.00	130.95 8.02 0.00	134.64 8.46 0.00	113.08 7.05 0.00	111.53 6.83 0.00	117.30 7.28 0.00	111.17 7.13 0.00	130.30 8.09 -8.43	136.78 8.73 -4.82	149.43 9.19 -6.16	194.69 12.18 -8.93	200.68 7.56 -76.25	150.45 8.42 -9.71	162.12 5.57 -65.48	155.31 9.55 0.01	136.68 9.40 -0.01	151.78 10.41 -8.33	178.77 10.63 -30.94	143.27 9.46 -9.18	134.76 9.62 -0.01	138.87 6.69 -45.43	194.33 13.69 -0.47	163.51 8.78 -38.31	147.73 6.86 -39.45
HILLSIDE_115KV_TB1 80332	170.52 -5.57 0.00	118.37 -4.57 0.00	121.80 -4.38 0.00	101.58 -4.46 0.00	100.97 -3.73 0.00	106.03 -3.99 0.00	100.14 -3.90 0.00	120.58 -4.21 -11.02	124.59 -4.50 -5.86	130.56 -5.50 -1.99	170.53 -6.67 -3.61	135.81 -4.89 -23.83	129.46 -5.72 -2.87	105.99 -3.80 -18.72	139.31 -6.38 0.08	121.72 -5.56 0.00	125.02 -6.20 1.83	133.60 -5.92 -2.33	127.07 -5.01 -7.46	119.95 -5.18 0.00	101.45 -3.56 -18.26	187.46 -6.42 -13.72	123.03 -4.05 -10.67	108.71 -3.69 -10.99
HISHELDN_WT_PWR 323625	161.87 -14.22 0.00	111.98 -10.96 0.00	115.27 -10.92 0.00	96.56 -9.47 0.00	95.99 -8.71 0.00	100.35 -9.67 0.00	94.29 -9.75 0.00	57.69 -12.65 43.43	87.19 -13.85 22.18	118.80 -15.35 -0.07	153.79 -20.41 -0.62	116.66 -12.84 -12.64	119.32 -14.62 -1.63	93.85 -9.96 -12.74	127.87 -17.72 0.18	111.48 -15.79 0.00	109.18 -16.01 7.86	123.17 -15.61 -1.58	109.60 -14.39 0.62	110.80 -14.32 0.00	82.71 -9.99 -5.95	153.38 -20.29 6.50	111.38 -12.34 -7.31	99.78 -9.16 -7.53
HOLTSVILLE_IC_1 23690	192.07 15.98 0.00	154.44 12.80 -18.71	147.73 13.76 -7.79	149.69 11.97 -31.68	149.05 11.74 -32.61	150.33 12.15 -28.16	148.76 11.35 -33.36	146.16 13.38 -19.01	164.27 13.74 -27.30	172.56 13.84 -24.64	204.57 16.58 -14.40	206.38 9.42 -80.10	154.05 11.54 -10.20	167.60 7.72 -68.81	163.17 14.89 -2.52	145.55 14.25 -4.03	157.24 15.38 -8.82	202.18 14.35 -50.63	186.69 13.86 -48.21	148.66 14.94 -8.59	146.93 9.92 -50.25	203.28 20.20 -2.91	172.19 12.25 -43.52	152.28 9.35 -41.52
HOLTSVILLE_IC_10 23699	193.34 17.25 0.00	155.43 13.65 -18.85	148.64 14.61 -7.84	150.61 12.65 -31.92	150.01 12.46 -32.85	151.32 12.93 -28.36	149.79 12.13 -33.61	147.14 14.28 -19.08	165.34 14.65 -27.46	173.64 14.79 -24.78	205.79 17.76 -14.44	206.78 9.82 -80.10	154.60 12.09 -10.20	168.16 8.28 -68.81	164.22 15.92 -2.54	146.57 15.23 -4.06	158.35 16.49 -8.82	203.26 15.30 -50.76	187.84 14.73 -48.50	149.83 16.05 -8.65	147.70 10.68 -50.27	204.86 21.76 -2.93	173.13 13.18 -43.55	152.99 10.06 -41.52
HOLTSVILLE_IC_2 23691	192.07 15.98 0.00	154.44 12.80 -18.71	147.73 13.76 -7.79	149.69 11.97 -31.68	149.05 11.74 -32.61	150.33 12.15 -28.16	148.76 11.35 -33.36	146.16 13.38 -19.01	164.27 13.74 -27.30	172.56 13.84 -24.64	204.57 16.58 -14.40	206.38 9.42 -80.10	154.05 11.54 -10.20	167.60 7.72 -68.81	163.17 14.89 -2.52	145.55 14.25 -4.03	157.24 15.38 -8.82	202.18 14.35 -50.63	186.69 13.86 -48.21	148.66 14.94 -8.59	146.93 9.92 -50.25	203.28 20.20 -2.91	172.19 12.25 -43.52	152.28 9.35 -41.52
HOLTSVILLE_IC_3 23692	192.07 15.98 0.00	154.44 12.80 -18.71	147.73 13.76 -7.79	149.69 11.97 -31.68	149.05 11.74 -32.61	150.33 12.15 -28.16	148.76 11.35 -33.36	146.16 13.38 -19.01	164.27 13.74 -27.30	172.56 13.84 -24.64	204.57 16.58 -14.40	206.38 9.42 -80.10	154.05 11.54 -10.20	167.60 7.72 -68.81	163.17 14.89 -2.52	145.55 14.25 -4.03	157.24 15.38 -8.82	202.18 14.35 -50.63	186.69 13.86 -48.21	148.66 14.94 -8.59	146.93 9.92 -50.25	203.28 20.20 -2.91	172.19 12.25 -43.52	152.28 9.35 -41.52
HOLTSVILLE_IC_4 23693	192.07 15.98 0.00	154.44 12.80 -18.71	147.73 13.76 -7.79	149.69 11.97 -31.68	149.05 11.74 -32.61	150.33 12.15 -28.16	148.76 11.35 -33.36	146.16 13.38 -19.01	164.27 13.74 -27.30	172.56 13.84 -24.64	204.57 16.58 -14.40	206.38 9.42 -80.10	154.05 11.54 -10.20	167.60 7.72 -68.81	163.17 14.89 -2.52	145.55 14.25 -4.03	157.24 15.38 -8.82	202.18 14.35 -50.63	186.69 13.86 -48.21	148.66 14.94 -8.59	146.93 9.92 -50.25	203.28 20.20 -2.91	172.19 12.25 -43.52	152.28 9.35 -41.52
HOLTSVILLE_IC_5 23694	192.07 15.98 0.00	154.44 12.80 -18.71	147.73 13.76 -7.79	149.69 11.97 -31.68	149.05 11.74 -32.61	150.33 12.15 -28.16	148.76 11.35 -33.36	146.16 13.38 -19.01	164.27 13.74 -27.30	172.56 13.84 -24.64	204.57 16.58 -14.40	206.38 9.42 -80.10	154.05 11.54 -10.20	167.60 7.72 -68.81	163.17 14.89 -2.52	145.55 14.25 -4.03	157.24 15.38 -8.82	202.18 14.35 -50.63	186.69 13.86 -48.21	148.66 14.94 -8.59	146.93 9.92 -50.25	203.28 20.20 -2.91	172.19 12.25 -43.52	152.28 9.35 -41.52
HOLTSVILLE_IC_6 23695	193.34 17.25 0.00	155.43 13.65 -18.85	148.64 14.61 -7.84	150.61 12.65 -31.92	150.01 12.46 -32.85	151.32 12.93 -28.36	149.79 12.13 -33.61	147.14 14.28 -19.08	165.34 14.65 -27.46	173.64 14.79 -24.78	205.79 17.76 -14.44	206.78 9.82 -80.10	154.60 12.09 -10.20	168.16 8.28 -68.81	164.22 15.92 -2.54	146.57 15.23 -4.06	158.35 16.49 -8.82	203.26 15.30 -50.76	187.84 14.73 -48.50	149.83 16.05 -8.65	147.70 10.68 -50.27	204.86 21.76 -2.93	173.13 13.18 -43.55	152.99 10.06 -41.52
HOLTSVILLE_IC_7 23696	193.34 17.25 0.00	155.43 13.65 -18.85	148.64 14.61 -7.84	150.61 12.65 -31.92	150.01 12.46 -32.85	151.32 12.93 -28.36	149.79 12.13 -33.61	147.14 14.28 -19.08	165.34 14.65 -27.46	173.64 14.79 -24.78	205.79 17.76 -14.44	206.78 9.82 -80.10	154.60 12.09 -10.20	168.16 8.28 -68.81	164.22 15.92 -2.54	146.57 15.23 -4.06	158.35 16.49 -8.82	203.26 15.30 -50.76	187.84 14.73 -48.50	149.83 16.05 -8.65	147.70 10.68 -50.27	204.86 21.76 -2.93	173.13 13.18 -43.55	152.99 10.06 -41.52
HOLTSVILLE_IC_8 23697	193.34 17.25 0.00	155.43 13.65 -18.85	148.64 14.61 -7.84	150.61 12.65 -31.92	150.01 12.46 -32.85	151.32 12.93 -28.36	149.79 12.13 -33.61	147.14 14.28 -19.08	165.34 14.65 -27.46	173.64 14.79 -24.78	205.79 17.76 -14.44	206.78 9.82 -80.10	154.60 12.09 -10.20	168.16 8.28 -68.81	164.22 15.92 -2.54	146.57 15.23 -4.06	158.35 16.49 -8.82	203.26 15.30 -50.76	187.84 14.73 -48.50	149.83 16.05 -8.65	147.70 10.68 -50.27	204.86 21.76 -2.93	173.13 13.18 -43.55	152.99 10.06 -41.52
HOLTSVILLE_IC_9 23698	193.34 17.25 0.00	155.43 13.65 -18.85	148.64 14.61 -7.84	150.61 12.65 -31.92	150.01 12.46 -32.85	151.32 12.93 -28.36	149.79 12.13 -33.61	147.14 14.28 -19.08	165.34 14.65 -27.46	173.64 14.79 -24.78	205.79 17.76 -14.44	206.78 9.82 -80.10	154.60 12.09 -10.20	168.16 8.28 -68.81	164.22 15.92 -2.54	146.57 15.23 -4.06	158.35 16.49 -8.82	203.26 15.30 -50.76	187.84 14.73 -48.50	149.83 16.05 -8.65	147.70 10.68 -50.27	204.86 21.76 -2.93	173.13 13.18 -43.55	152.99 10.06 -41.52
HOMER_HL_115KV_TB2 355744	167.16 -8.93 0.00	115.82 -7.11 0.00	119.19 -6.99 0.00	99.72 -6.32 0.00	99.14 -5.56 0.00	103.86 -6.17 0.00	97.21 -6.83 0.00	103.94 -7.92 1.90	112.92 -9.20 1.11	123.19 -10.98 -0.10	159.68 -14.63 -0.73	120.40 -10.07 -13.61	123.39 -10.67 -1.75	97.45 -7.07 -13.45	133.97 -11.63 0.17	116.38 -10.90 0.00	113.44 -12.13 7.48	126.94 -11.92 -1.67	113.57 -10.75 0.30	114.92 -10.22 0.00	86.20 -7.23 -6.69	161.21 -13.09 5.88	116.82 -7.30 -7.72	104.00 -5.36 -7.95
HOWARD_WT_PWR 323690	168.77 -7.32 0.00	116.33 -6.60 0.00	119.79 -6.39 0.00	99.98 -6.06 0.00	98.54 -6.16 0.00	102.24 -7.78 0.00	98.44 -5.61 0.00	161.22 -7.38 -54.83	141.29 -9.98 -28.04	123.93 -11.69 -1.55	163.75 -12.89 -3.06	129.88 -6.62 -19.63	127.57 -7.05 -2.32	101.11 -5.04 -15.07	135.71 -9.96 0.10	116.76 -10.52 0.00	119.69 -9.80 3.55	129.63 -9.43 -1.87	123.57 -8.33 -7.28	116.34 -8.79 0.00	97.18 -5.75 -16.18	183.19 -11.56 -14.59	117.98 -7.03 -8.60	104.81 -5.46 -8.86

HQ_GEN_CEDARS 23644	175.62 -0.47 0.00	122.45 -0.48 0.00	125.48 -0.70 0.00	105.54 -0.49 0.00	104.15 -0.55 0.00	109.24 -0.78 0.00	102.82 -1.23 0.00	112.53 -1.24 0.00	122.01 -1.22 0.00	133.24 -0.84 0.00	172.33 -1.25 0.00	114.85 -2.02 0.00	129.63 -2.69 0.00	90.58 -0.49 0.00	145.51 -0.26 0.00	126.21 -1.06 0.00	131.46 -1.58 0.00	136.29 -0.91 0.00	123.36 -1.26 0.00	123.69 -1.44 0.00	85.82 -0.93 0.00	178.91 -1.26 0.00	115.74 -0.67 0.00	101.26 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	175.62 -0.47 0.00	122.45 -0.48 0.00	125.48 -0.70 0.00	105.54 -0.49 0.00	104.16 -0.54 0.00	109.24 -0.78 0.00	102.82 -1.23 0.00	112.53 -1.24 0.00	122.01 -1.22 0.00	133.24 -0.83 0.00	172.31 -1.28 0.00	114.91 -1.96 0.00	129.58 -2.73 0.00	90.59 -0.48 0.00	145.51 -0.26 0.00	126.23 -1.05 0.00	131.55 -1.50 0.00	136.29 -0.90 0.00	123.36 -1.26 0.00	123.70 -1.42 0.00	85.83 -0.92 0.00	178.94 -1.23 0.00	115.75 -0.66 0.00	101.26 -0.15 0.00
HQ_GEN_IMPORT 323601	174.68 -1.41 0.00	121.48 -1.09 0.36	124.91 -1.27 0.00	105.06 -0.97 0.00	103.68 -1.02 0.00	108.85 -1.18 0.00	102.72 -1.33 0.00	112.39 -1.39 0.00	121.83 -1.40 0.00	132.81 -1.26 0.00	171.60 -1.63 0.35	114.31 -2.55 0.00	128.71 -3.60 0.00	85.35 -0.98 4.74	145.30 -0.46 0.00	126.38 -0.89 0.00	131.89 -1.16 0.00	136.32 -0.88 0.00	123.51 -1.11 0.00	123.95 -1.18 0.00	77.80 -0.77 8.18	178.64 -1.53 0.00	114.79 -0.94 0.67	100.82 -0.59 0.00
HQ_GEN_WHEEL 23651	174.68 -1.41 0.00	121.48 -1.09 0.36	124.91 -1.27 0.00	105.06 -0.97 0.00	103.68 -1.02 0.00	108.85 -1.18 0.00	102.72 -1.33 0.00	112.39 -1.39 0.00	121.83 -1.40 0.00	132.81 -1.26 0.00	171.60 -1.63 0.35	114.31 -2.55 0.00	128.71 -3.60 0.00	85.35 -0.98 4.74	145.30 -0.46 0.00	126.38 -0.89 0.00	131.89 -1.16 0.00	136.32 -0.88 0.00	123.51 -1.11 0.00	123.95 -1.18 0.00	77.80 -0.77 8.18	178.64 -1.53 0.00	114.79 -0.94 0.67	100.82 -0.59 0.00
HUDSON AVE_GT_3 23810	189.22 13.14 0.00	132.91 9.98 0.00	136.76 10.58 0.00	114.88 8.84 0.00	113.32 8.62 0.00	119.15 9.12 0.00	112.88 8.84 0.00	132.89 10.29 -8.83	139.71 11.05 -5.43	152.15 11.63 -6.44	198.15 15.22 -9.35	206.48 9.52 -80.09	153.25 10.74 -10.20	166.91 7.04 -68.80	157.83 12.07 0.01	138.91 11.62 -0.01	154.29 12.42 -8.82	183.31 12.45 -33.65	145.46 11.18 -9.66	136.28 11.14 -0.01	142.31 7.76 -47.80	197.15 16.48 -0.49	167.34 10.62 -40.31	151.26 8.34 -41.51
HUDSON AVE_GT_4 23540	189.22 13.14 0.00	132.91 9.98 0.00	136.76 10.58 0.00	114.88 8.84 0.00	113.32 8.62 0.00	119.15 9.12 0.00	112.88 8.84 0.00	132.89 10.29 -8.83	139.71 11.05 -5.43	152.15 11.63 -6.44	198.15 15.22 -9.35	206.48 9.52 -80.09	153.25 10.74 -10.20	166.91 7.04 -68.80	157.83 12.07 0.01	138.91 11.62 -0.01	154.29 12.42 -8.82	183.31 12.45 -33.65	145.46 11.18 -9.66	136.28 11.14 -0.01	142.31 7.76 -47.80	197.15 16.48 -0.49	167.34 10.62 -40.31	151.26 8.34 -41.51
HUDSON AVE_GT_5 23657	189.22 13.14 0.00	132.91 9.98 0.00	136.76 10.58 0.00	114.88 8.84 0.00	113.32 8.62 0.00	119.15 9.12 0.00	112.88 8.84 0.00	132.89 10.29 -8.83	139.71 11.05 -5.43	152.15 11.63 -6.44	198.15 15.22 -9.35	206.48 9.52 -80.09	153.25 10.74 -10.20	166.91 7.04 -68.80	157.83 12.07 0.01	138.91 11.62 -0.01	154.29 12.42 -8.82	183.31 12.45 -33.65	145.46 11.18 -9.66	136.28 11.14 -0.01	142.31 7.76 -47.80	197.15 16.48 -0.49	167.34 10.62 -40.31	151.26 8.34 -41.51
HUDSON_AVE_10 24168	188.54 12.45 0.00	132.44 9.51 0.00	136.24 10.06 0.00	114.45 8.41 0.00	112.91 8.21 0.00	118.69 8.67 0.00	112.43 8.39 0.00	132.42 9.82 -8.83	139.22 10.56 -5.43	151.49 10.97 -6.44	197.30 14.37 -9.35	205.88 8.93 -80.09	152.58 10.07 -10.20	166.44 6.57 -68.80	157.04 11.28 0.01	138.29 11.01 -0.01	153.64 11.78 -8.82	182.65 11.80 -33.65	144.90 10.62 -9.66	135.70 10.56 -0.01	141.91 7.36 -47.80	196.43 15.77 -0.49	166.84 10.12 -40.31	150.87 7.95 -41.51
HUDSON___115KV_TB 4 355613	189.53 13.44 0.00	132.25 9.32 0.00	135.85 9.66 0.00	114.18 8.14 0.00	112.75 8.05 0.00	118.66 8.64 0.00	112.68 8.64 0.00	149.77 9.46 -26.54	152.17 10.32 -18.62	171.71 10.90 -26.73	217.09 13.64 -29.86	227.02 8.34 -101.81	154.04 8.76 -12.96	184.55 5.99 -87.48	155.35 9.59 0.00	135.20 7.91 -0.01	152.52 9.09 -10.38	147.45 9.34 -0.92	144.98 8.65 -11.71	133.91 8.77 -0.02	150.64 5.96 -57.93	193.03 12.26 -0.60	172.94 7.68 -48.86	158.97 7.24 -50.31
HUNTER MOUNT___DRP 323613	191.06 14.97 0.00	133.24 10.31 0.00	136.85 10.66 0.00	115.04 9.00 0.00	113.62 8.92 0.00	119.65 9.63 0.00	113.66 9.61 0.00	147.72 10.52 -23.43	151.02 11.52 -16.27	169.37 12.16 -23.13	214.99 15.16 -26.25	224.38 8.97 -98.54	153.94 9.08 -12.55	182.35 6.57 -84.71	156.48 10.72 0.00	136.37 9.08 -0.01	153.47 10.51 -9.91	152.85 10.95 -4.69	146.13 10.11 -11.40	135.31 10.17 -0.02	149.94 6.81 -56.37	194.86 14.10 -0.58	172.66 8.71 -47.54	158.54 8.17 -48.96
HUNTINGTON_RES_REC 323705	190.25 14.16 0.00	153.53 11.67 -18.93	146.80 12.74 -7.88	149.24 11.15 -32.05	148.61 10.93 -32.99	149.65 11.15 -28.48	148.06 10.27 -33.75	145.06 12.16 -19.13	163.29 12.51 -27.55	171.58 12.66 -24.85	203.19 15.14 -14.46	205.66 8.69 -80.10	153.30 10.79 -10.20	166.80 6.92 -68.81	161.60 13.29 -2.55	144.54 13.19 -4.08	155.95 14.09 -8.82	200.99 12.96 -50.83	185.97 12.69 -48.66	147.64 13.82 -8.69	146.14 9.11 -50.28	201.34 18.24 -2.94	170.96 10.99 -43.56	151.32 8.39 -41.52
HUNTLEY___63 23557	158.80 -17.28 0.00	109.72 -13.21 0.00	112.94 -13.24 0.00	94.88 -11.16 0.00	94.43 -10.26 0.00	98.90 -11.12 0.00	92.57 -11.47 0.00	86.91 -14.45 12.41	101.03 -15.78 6.42	116.25 -17.85 -0.03	149.40 -24.17 0.01	110.18 -16.10 -9.41	115.16 -18.42 -1.27	90.06 -12.14 -11.13	124.94 -20.63 0.19	109.23 -18.05 0.00	104.60 -19.30 9.15	121.44 -19.46 -3.69	127.33 -18.03 -20.74	122.90 -17.95 -15.72	80.70 -12.57 -6.53	140.53 -25.84 13.80	107.02 -15.80 -6.41	96.45 -11.56 -6.60
HUNTLEY___64 23558	158.80 -17.28 0.00	109.72 -13.21 0.00	112.94 -13.24 0.00	94.88 -11.16 0.00	94.43 -10.26 0.00	98.90 -11.12 0.00	92.57 -11.47 0.00	86.91 -14.45 12.41	101.03 -15.78 6.42	116.25 -17.85 -0.03	149.40 -24.17 0.01	110.18 -16.10 -9.41	115.16 -18.42 -1.27	90.06 -12.14 -11.13	124.94 -20.63 0.19	109.23 -18.05 0.00	104.60 -19.30 9.15	121.44 -19.46 -3.69	127.33 -18.03 -20.74	122.90 -17.95 -15.72	80.70 -12.57 -6.53	140.53 -25.84 13.80	107.02 -15.80 -6.41	96.45 -11.56 -6.60
HUNTLEY___65 23559	158.80 -17.28 0.00	109.72 -13.21 0.00	112.94 -13.24 0.00	94.88 -11.16 0.00	94.43 -10.26 0.00	98.90 -11.12 0.00	92.57 -11.47 0.00	86.91 -14.45 12.41	101.03 -15.78 6.42	116.25 -17.85 -0.03	149.40 -24.17 0.01	110.18 -16.10 -9.41	115.16 -18.42 -1.27	90.06 -12.14 -11.13	124.94 -20.63 0.19	109.23 -18.05 0.00	104.60 -19.30 9.15	121.44 -19.46 -3.69	127.33 -18.03 -20.74	122.90 -17.95 -15.72	80.70 -12.57 -6.53	140.53 -25.84 13.80	107.02 -15.80 -6.41	96.45 -11.56 -6.60
HUNTLEY___66 23560	158.80 -17.28 0.00	109.72 -13.21 0.00	112.94 -13.24 0.00	94.88 -11.16 0.00	94.43 -10.26 0.00	98.90 -11.12 0.00	92.57 -11.47 0.00	86.91 -14.45 12.41	101.03 -15.78 6.42	116.25 -17.85 -0.03	149.40 -24.17 0.01	110.18 -16.10 -9.41	115.16 -18.42 -1.27	90.06 -12.14 -11.13	124.94 -20.63 0.19	109.23 -18.05 0.00	104.60 -19.30 9.15	121.44 -19.46 -3.69	127.33 -18.03 -20.74	122.90 -17.95 -15.72	80.70 -12.57 -6.53	140.53 -25.84 13.80	107.02 -15.80 -6.41	96.45 -11.56 -6.60

HUNTLEY___67 23561	159.41 -16.68 0.00	110.17 -12.76 0.00	113.38 -12.80 0.00	95.20 -10.84 0.00	94.73 -9.96 0.00	99.18 -10.85 0.00	92.84 -11.20 0.00	84.00 -14.51 15.26	99.54 -15.81 7.87	116.28 -17.80 0.00	149.80 -23.83 -0.05	110.45 -15.86 -9.45	115.46 -18.14 -1.29	90.41 -11.99 -11.32	125.10 -20.45 0.22	109.46 -17.81 0.00	103.72 -19.00 10.33	118.70 -19.15 -0.65	95.77 -17.73 11.11	102.41 -17.65 5.07	75.04 -12.37 -0.66	141.28 -25.44 13.44	107.51 -15.43 -6.53	96.74 -11.39 -6.72
HUNTLEY___68 23562	159.41 -16.68 0.00	110.17 -12.76 0.00	113.38 -12.80 0.00	95.20 -10.84 0.00	94.73 -9.96 0.00	99.18 -10.85 0.00	92.84 -11.20 0.00	84.00 -14.51 15.26	99.54 -15.81 7.87	116.28 -17.80 0.00	149.80 -23.83 -0.05	110.45 -15.86 -9.45	115.46 -18.14 -1.29	90.41 -11.99 -11.32	125.10 -20.45 0.22	109.46 -17.81 0.00	103.72 -19.00 10.33	118.70 -19.15 -0.65	95.77 -17.73 11.11	102.41 -17.65 5.07	75.04 -12.37 -0.66	141.28 -25.44 13.44	107.51 -15.43 -6.53	96.74 -11.39 -6.72
HYLAND___LFG 323620	157.78 -18.30 0.00	109.56 -13.37 0.00	111.02 -15.16 0.00	94.99 -11.05 0.00	93.94 -10.76 0.00	98.65 -11.37 0.00	93.97 -10.07 0.00	159.75 -12.73 -58.71	139.55 -13.34 -29.66	118.67 -15.59 -0.19	153.55 -21.08 -1.05	117.46 -13.55 -14.14	118.29 -15.81 -1.79	93.22 -10.31 -12.45	126.52 -19.19 0.06	110.98 -16.29 0.00	115.19 -16.37 1.49	123.20 -15.52 -1.53	112.06 -14.26 -1.70	112.16 -12.97 0.00	93.34 -1.81 -8.41	171.65 -8.61 -0.09	117.73 -5.77 -7.09	104.27 -4.44 -7.30
INDECK___CORINTH 23802	188.89 12.80 0.00	132.01 9.09 0.00	135.45 9.27 0.00	113.80 7.76 0.00	112.46 7.77 0.00	118.50 8.48 0.00	112.67 8.62 0.00	177.85 10.05 -54.03	173.65 10.65 -39.77	205.41 11.71 -59.63	250.75 15.12 -62.04	233.37 8.35 -108.15	153.39 7.31 -13.77	188.43 4.43 -92.92	153.08 7.32 0.00	134.52 7.23 -0.01	152.40 8.40 -10.95	143.68 8.27 1.79	144.52 7.49 -12.41	132.72 7.58 -0.02	153.24 5.11 -61.38	190.74 9.93 -0.63	174.37 6.19 -51.76	159.53 4.81 -53.31
INDECK___ILION 23567	180.41 4.32 0.00	126.02 3.09 0.00	129.40 3.21 0.00	108.69 2.65 0.00	107.38 2.68 0.00	112.79 2.77 0.00	106.89 2.84 0.00	117.07 3.30 0.00	126.86 3.63 0.00	137.81 3.73 0.00	178.48 4.90 0.00	119.37 2.51 0.00	134.63 2.31 0.00	92.71 1.64 0.00	148.67 2.91 0.00	130.10 2.82 0.00	136.30 3.26 0.00	140.34 3.14 0.00	127.66 3.04 0.00	128.19 3.07 0.00	88.83 2.08 0.00	184.59 4.42 0.00	119.26 2.85 0.00	103.83 2.42 0.00
INDECK___OLEAN 23982	167.18 -8.91 0.00	115.82 -7.11 0.00	119.19 -6.99 0.00	99.70 -6.34 0.00	99.13 -5.57 0.00	103.85 -6.17 0.00	97.22 -6.83 0.00	104.18 -7.69 1.90	112.95 -9.17 1.11	123.27 -10.90 -0.10	159.76 -14.55 -0.73	120.39 -10.08 -13.61	123.41 -10.65 -1.75	97.43 -7.09 -13.45	133.95 -11.64 0.17	116.32 -10.96 0.00	112.91 -12.66 7.48	126.93 -11.94 -1.67	113.52 -10.79 0.30	114.92 -10.21 0.00	86.14 -7.29 -6.69	161.26 -13.03 5.88	116.85 -7.27 -7.72	104.00 -5.36 -7.95
INDECK___OSWEGO 23783	168.38 -7.71 0.00	117.49 -5.44 0.00	120.69 -5.50 0.00	101.32 -4.71 0.00	100.16 -4.54 0.00	105.32 -4.70 0.00	99.74 -4.31 0.00	108.91 -4.87 0.00	117.91 -5.32 0.00	128.19 -5.88 0.00	165.84 -7.74 0.00	118.12 -5.32 -6.58	127.02 -6.14 -0.84	92.59 -4.13 -5.65	139.00 -6.77 0.00	121.45 -5.83 0.00	127.74 -5.97 -0.66	131.02 -6.18 0.00	119.80 -5.59 -0.76	119.48 -5.65 0.00	86.54 -4.00 -3.79	171.83 -8.38 -0.04	114.13 -5.47 -3.19	99.96 -4.74 -3.29
INDECK___YERKES 23781	158.69 -17.40 0.00	109.62 -13.31 0.00	112.85 -13.34 0.00	94.80 -11.24 0.00	94.36 -10.34 0.00	98.82 -11.20 0.00	92.54 -11.50 0.00	87.20 -14.15 12.41	101.04 -15.77 6.42	116.30 -17.80 -0.03	149.30 -24.27 0.01	110.09 -16.19 -9.41	115.10 -18.49 -1.27	90.03 -12.18 -11.13	124.94 -20.63 0.19	109.09 -18.18 0.00	104.12 -19.78 9.15	121.33 -19.56 -3.69	127.20 -18.16 -20.74	122.81 -18.05 -15.72	80.61 -12.67 -6.53	140.58 -25.79 13.80	107.00 -15.82 -6.41	96.41 -11.60 -6.60
INDIAN POINT_GT_1 24139	187.26 11.17 0.00	131.40 8.47 0.00	135.10 8.91 0.00	113.50 7.46 0.00	111.94 7.24 0.00	117.73 7.71 0.00	111.57 7.53 0.00	131.13 8.61 -8.75	137.85 9.25 -5.37	150.17 9.72 -6.38	195.49 12.65 -9.26	203.94 7.79 -79.28	151.12 8.71 -10.09	164.92 5.76 -68.09	155.72 9.96 0.01	137.02 9.73 -0.01	152.45 10.69 -8.71	181.06 10.78 -33.09	143.80 9.62 -9.56	134.87 9.74 -0.01	140.83 6.79 -47.29	194.65 13.99 -0.49	165.25 8.96 -39.89	149.53 7.04 -41.07
INDIAN POINT_GT_2 23659	187.26 11.17 0.00	131.40 8.47 0.00	135.10 8.91 0.00	113.50 7.46 0.00	111.94 7.24 0.00	117.73 7.71 0.00	111.57 7.53 0.00	131.13 8.61 -8.75	137.85 9.25 -5.37	150.17 9.72 -6.38	195.49 12.65 -9.26	203.94 7.79 -79.28	151.12 8.71 -10.09	164.92 5.76 -68.09	155.72 9.96 0.01	137.02 9.73 -0.01	152.45 10.69 -8.71	181.06 10.78 -33.09	143.80 9.62 -9.56	134.87 9.74 -0.01	140.83 6.79 -47.29	194.65 13.99 -0.49	165.25 8.96 -39.89	149.53 7.04 -41.07
INDIAN POINT_GT_3 24019	187.26 11.17 0.00	131.40 8.47 0.00	135.10 8.91 0.00	113.50 7.46 0.00	111.94 7.24 0.00	117.73 7.71 0.00	111.57 7.53 0.00	131.13 8.61 -8.75	137.85 9.25 -5.37	150.17 9.72 -6.38	195.49 12.65 -9.26	203.94 7.79 -79.28	151.12 8.71 -10.09	164.92 5.76 -68.09	155.72 9.96 0.01	137.02 9.73 -0.01	152.45 10.69 -8.71	181.06 10.78 -33.09	143.80 9.62 -9.56	134.87 9.74 -0.01	140.83 6.79 -47.29	194.65 13.99 -0.49	165.25 8.96 -39.89	149.53 7.04 -41.07
INDIAN POINT___2 23530	186.84 10.75 0.00	131.11 8.18 0.00	134.80 8.62 0.00	113.22 7.18 0.00	111.67 6.97 0.00	117.44 7.41 0.00	111.28 7.24 0.00	130.64 8.24 -8.63	137.38 8.86 -5.29	149.68 9.30 -6.30	194.95 12.23 -9.13	202.59 7.56 -78.17	150.68 8.41 -9.95	163.76 5.56 -67.13	155.32 9.56 0.01	136.71 9.42 -0.01	151.97 10.35 -8.57	179.98 10.48 -32.30	143.36 9.32 -9.42	134.59 9.45 -0.01	139.93 6.58 -46.61	194.21 13.56 -0.48	164.43 8.71 -39.31	148.72 6.83 -40.48
INDIAN POINT___3 23531	186.93 10.84 0.00	131.15 8.22 0.00	134.85 8.66 0.00	113.29 7.25 0.00	111.74 7.04 0.00	117.49 7.47 0.00	111.35 7.31 0.00	130.91 8.38 -8.75	137.54 8.94 -5.37	149.88 9.41 -6.39	195.13 12.29 -9.26	203.77 7.56 -79.34	150.84 8.42 -10.10	164.79 5.58 -68.15	155.43 9.67 0.01	136.75 9.46 -0.01	152.18 10.42 -8.72	180.82 10.50 -33.13	143.53 9.34 -9.57	134.62 9.48 -0.01	140.67 6.59 -47.33	194.25 13.59 -0.49	165.05 8.72 -39.92	149.37 6.85 -41.10
INGHAM_C_115KV_TB7 356103	184.15 8.06 0.00	128.61 5.68 0.00	132.20 6.02 0.00	110.94 4.91 0.00	109.70 5.00 0.00	115.14 5.12 0.00	109.29 5.24 0.00	120.05 6.28 0.00	130.16 6.92 0.00	141.16 7.09 0.00	182.83 9.25 0.00	121.58 4.72 0.00	136.60 4.28 0.00	93.96 2.89 0.00	150.93 5.17 0.00	132.29 5.02 0.00	139.00 5.96 0.00	143.02 5.82 0.00	130.22 5.60 0.00	130.81 5.68 0.00	90.62 3.87 0.00	188.45 8.28 0.00	121.92 5.51 0.00	106.18 4.77 0.00
IP CORINTH___1 23988	188.89 12.80 0.00	132.01 9.08 0.00	135.45 9.27 0.00	113.80 7.76 0.00	112.46 7.77 0.00	118.50 8.48 0.00	112.67 8.63 0.00	177.86 10.06 -54.03	173.65 10.65 -39.77	205.41 11.71 -59.63	250.77 15.14 -62.04	233.63 8.62 -108.15	153.91 7.82 -13.77	188.89 4.90 -92.92	153.86 8.10 0.00	135.23 7.93 -0.01	153.09 9.10 -10.95	144.42 9.02 1.79	145.17 8.14 -12.41	133.39 8.24 -0.02	153.72 5.59 -61.38	191.74 10.94 -0.63	175.04 6.86 -51.76	160.05 5.33 -53.31

IP___TICONDEROGA 23804	196.01 19.92 0.00	137.14 14.21 0.00	140.52 14.34 0.00	117.75 11.71 0.00	116.43 11.74 0.00	122.99 12.97 0.00	117.29 13.24 0.00	183.76 16.41 -53.58	179.85 17.20 -39.42	212.16 19.00 -59.08	260.16 25.06 -61.51	240.20 15.31 -108.02	161.07 15.00 -13.76	193.83 9.95 -92.81	161.33 15.57 0.00	142.89 15.60 -0.01	161.97 17.99 -10.94	153.24 17.77 1.73	152.40 15.39 -12.39	140.95 15.81 -0.02	158.76 10.70 -61.31	201.88 21.07 -0.63	181.84 13.73 -51.71	165.06 10.41 -53.24
ISLIP_RES_REC 323679	194.23 18.14 0.00	156.10 14.23 -18.94	149.28 15.21 -7.88	151.28 13.18 -32.07	150.68 12.98 -33.01	152.01 13.49 -28.50	150.51 12.69 -33.77	147.87 14.97 -19.13	166.20 15.41 -27.57	174.52 15.58 -24.87	206.72 18.67 -14.47	207.43 10.47 -80.10	155.30 12.78 -10.20	168.63 8.75 -68.81	165.01 16.69 -2.55	147.34 15.98 -4.08	159.18 17.31 -8.82	204.28 16.24 -50.84	188.87 15.57 -48.68	150.72 16.90 -8.69	148.27 11.24 -50.28	205.89 22.78 -2.94	173.78 13.81 -43.56	153.49 10.56 -41.52
JAMAICA__27_KV_LOAD 355505	189.99 13.90 0.00	133.35 10.42 0.00	137.17 10.99 0.00	115.16 9.12 0.00	113.67 8.97 0.00	119.46 9.43 0.00	113.14 9.09 0.00	133.30 10.70 -8.83	140.15 11.49 -5.43	152.31 11.79 -6.44	198.18 15.25 -9.35	206.44 9.48 -80.09	153.25 10.74 -10.20	166.86 6.99 -68.80	157.55 11.79 0.01	139.01 11.73 -0.01	154.45 12.59 -8.82	183.45 12.59 -33.65	145.78 11.50 -9.66	136.38 11.23 -0.01	142.43 7.88 -47.80	197.88 17.22 -0.49	167.65 10.93 -40.31	151.58 8.66 -41.51
JANIS___SOLAR 323808	187.68 11.60 0.00	130.43 7.50 0.00	133.90 7.71 0.00	112.09 6.05 0.00	111.18 6.49 0.00	116.72 6.69 0.00	110.23 6.18 0.00	124.59 7.20 -3.62	133.40 7.86 -2.31	144.81 7.69 -3.05	187.24 9.46 -4.19	146.04 6.11 -23.06	142.19 6.99 -2.88	114.77 4.48 -19.22	152.04 6.30 0.02	132.74 5.46 0.00	139.61 5.33 -1.23	145.25 5.66 -2.40	133.50 4.53 -4.35	129.41 4.28 0.00	104.47 2.79 -14.94	190.86 5.74 -4.94	131.16 3.83 -10.93	116.52 3.86 -11.25
JARVIS____ 23743	177.15 1.06 0.00	123.73 0.80 0.00	127.05 0.87 0.00	106.69 0.66 0.00	105.37 0.67 0.00	110.74 0.71 0.00	104.82 0.78 0.00	114.61 0.83 0.00	124.10 0.87 0.00	135.00 0.92 0.00	174.81 1.22 0.00	117.33 0.46 0.00	132.71 0.40 0.00	91.43 0.36 0.00	146.50 0.73 0.00	128.01 0.74 0.00	133.85 0.80 0.00	137.90 0.70 0.00	125.37 0.75 0.00	125.88 0.76 0.00	87.27 0.52 0.00	181.24 1.07 0.00	117.05 0.64 0.00	101.89 0.48 0.00
JENNISON___1 23625	188.46 12.38 0.00	131.17 8.24 0.00	134.72 8.53 0.00	112.84 6.80 0.00	111.88 7.18 0.00	117.15 7.13 0.00	109.95 5.91 0.00	125.94 6.59 -5.58	134.68 7.82 -3.63	145.99 7.02 -4.89	188.52 8.65 -6.29	152.78 6.45 -29.47	143.69 7.67 -3.71	120.76 4.75 -24.94	152.57 6.83 0.03	133.37 6.09 0.00	139.36 4.83 -1.49	144.83 4.50 -3.13	132.22 2.91 -4.68	127.59 2.45 0.00	106.67 1.64 -18.28	188.27 4.38 -3.72	133.26 2.67 -14.18	118.69 2.68 -14.60
JENNISON___2 23626	188.46 12.38 0.00	131.17 8.24 0.00	134.72 8.53 0.00	112.84 6.80 0.00	111.88 7.18 0.00	117.15 7.13 0.00	109.95 5.91 0.00	125.94 6.59 -5.58	134.68 7.82 -3.63	145.99 7.02 -4.89	188.52 8.65 -6.29	152.78 6.45 -29.47	143.69 7.67 -3.71	120.76 4.75 -24.94	152.57 6.83 0.03	133.37 6.09 0.00	139.36 4.83 -1.49	144.83 4.50 -3.13	132.22 2.91 -4.68	127.59 2.45 0.00	106.67 1.64 -18.28	188.27 4.38 -3.72	133.26 2.67 -14.18	118.69 2.68 -14.60
JERICHO_RISE_WT_PWR 323719	175.97 -0.11 0.00	122.67 -0.26 0.00	125.61 -0.58 0.00	105.74 -0.30 0.00	104.44 -0.26 0.00	109.37 -0.65 0.00	103.28 -0.76 0.00	113.26 -0.51 0.00	122.95 -0.28 0.00	134.25 0.17 0.00	173.67 0.09 0.00	115.71 -1.16 0.00	130.48 -1.83 0.00	91.38 0.31 0.00	147.21 1.44 0.00	127.79 0.52 0.00	132.89 -0.16 0.00	137.51 0.31 0.00	124.36 -0.26 0.00	124.65 -0.48 0.00	86.64 -0.11 0.00	179.81 -0.36 0.00	115.37 -1.04 0.00	101.17 -0.24 0.00
KATONAH___115KV_46KV_TB4 355592	189.79 13.70 0.00	133.10 10.17 0.00	136.85 10.66 0.00	114.97 8.93 0.00	113.47 8.78 0.00	119.36 9.33 0.00	113.17 9.13 0.00	133.19 10.43 -8.98	140.02 11.26 -5.53	152.49 11.84 -6.58	198.37 15.27 -9.51	207.35 9.43 -81.05	153.18 10.55 -10.32	167.78 7.06 -69.65	157.77 12.01 0.01	138.76 11.48 -0.01	154.53 12.55 -8.94	184.15 12.79 -34.16	145.80 11.40 -9.78	136.63 11.49 -0.01	143.09 7.95 -48.39	197.02 16.34 -0.50	167.62 10.40 -40.81	151.70 8.26 -42.03
KCE_NY_1 323755	187.19 11.10 0.00	130.75 7.82 0.00	134.25 8.07 0.00	112.75 6.72 0.00	111.41 6.71 0.00	117.29 7.27 0.00	111.37 7.33 0.00	175.00 8.29 -52.94	171.06 8.89 -38.93	201.99 9.59 -58.32	246.79 12.44 -60.76	232.21 7.49 -107.85	153.79 7.74 -13.73	188.97 5.23 -92.67	154.52 8.75 0.00	135.57 8.28 -0.01	153.21 9.24 -10.92	144.77 9.22 1.64	145.42 8.43 -12.37	133.70 8.56 -0.02	153.84 5.88 -61.21	192.62 11.82 -0.63	175.55 7.52 -51.62	160.62 6.05 -53.16
KCE_NY_6_ESR 323823	162.40 -13.68 0.00	112.26 -10.67 0.00	115.46 -10.73 0.00	96.88 -9.15 0.00	96.41 -8.29 0.00	100.92 -9.10 0.00	94.62 -9.42 0.00	85.83 -12.19 15.75	101.44 -13.66 8.13	118.88 -15.23 -0.03	153.14 -20.66 -0.21	113.78 -13.60 -10.52	118.18 -15.54 -1.41	92.64 -10.27 -11.84	127.80 -17.76 0.20	111.57 -15.71 0.00	106.83 -17.03 9.18	122.05 -16.61 -1.46	106.66 -15.35 2.61	109.85 -15.27 0.00	79.23 -10.75 -3.23	146.69 -21.81 11.67	110.03 -13.19 -6.81	98.82 -9.61 -7.01
KEDC_PORT_JEFF_GT2 24210	192.98 16.89 0.00	155.16 13.41 -18.81	148.39 14.38 -7.83	150.37 12.48 -31.85	149.74 12.26 -32.79	151.04 12.71 -28.30	149.48 11.90 -33.54	146.86 14.02 -19.06	165.08 14.43 -27.41	173.33 14.52 -24.74	205.43 17.42 -14.43	206.86 9.89 -80.10	154.56 12.05 -10.20	168.00 8.12 -68.81	163.95 15.65 -2.54	146.32 14.99 -4.05	158.06 16.20 -8.82	202.52 14.60 -50.72	187.12 14.08 -48.41	149.59 15.83 -8.63	147.53 10.51 -50.27	204.48 21.38 -2.92	172.90 12.95 -43.54	152.80 9.87 -41.52
KEDC_PORT_JEFF_GT3 24211	192.98 16.89 0.00	155.16 13.41 -18.81	148.39 14.38 -7.83	150.37 12.48 -31.85	149.74 12.26 -32.79	151.04 12.71 -28.30	149.48 11.90 -33.54	146.86 14.02 -19.06	165.08 14.43 -27.41	173.33 14.52 -24.74	205.43 17.42 -14.43	206.86 9.89 -80.10	154.56 12.05 -10.20	168.00 8.12 -68.81	163.95 15.65 -2.54	146.32 14.99 -4.05	158.06 16.20 -8.82	202.52 14.60 -50.72	187.12 14.08 -48.41	149.59 15.83 -8.63	147.53 10.51 -50.27	204.48 21.38 -2.92	172.90 12.95 -43.54	152.80 9.87 -41.52
KEDC_GLWD_GT4 24219	190.08 14.00 0.00	166.27 10.88 -32.46	151.21 11.52 -13.51	170.77 9.78 -54.96	170.81 9.54 -56.57	168.85 9.99 -48.84	171.51 9.59 -57.87	151.36 11.11 -26.48	178.47 11.88 -43.37	184.47 12.39 -38.01	206.57 14.86 -18.12	206.46 9.49 -80.10	153.07 10.56 -10.20	166.98 7.09 -68.81	162.98 12.84 -4.38	146.37 12.11 -6.98	154.23 12.37 -8.82	212.51 12.21 -63.10	212.34 11.20 -76.52	151.54 11.53 -14.89	147.16 8.36 -52.05	201.99 17.13 -4.68	173.13 10.84 -45.88	151.38 8.45 -41.52
KEDC_GLWD_GT5 24220	190.08 14.00 0.00	166.27 10.88 -32.46	151.21 11.52 -13.51	170.77 9.78 -54.96	170.81 9.54 -56.57	168.85 9.99 -48.84	171.51 9.59 -57.87	151.36 11.11 -26.48	178.47 11.88 -43.37	184.47 12.39 -38.01	206.57 14.86 -18.12	206.46 9.49 -80.10	153.07 10.56 -10.20	166.98 7.09 -68.81	162.98 12.84 -4.38	146.37 12.11 -6.98	154.23 12.37 -8.82	212.51 12.21 -63.10	212.34 11.20 -76.52	151.54 11.53 -14.89	147.16 8.36 -52.05	201.99 17.13 -4.68	173.13 10.84 -45.88	151.38 8.45 -41.52

KENSICO____ 23655	188.04 11.95 0.00	131.97 9.04 0.00	135.70 9.51 0.00	114.01 7.98 0.00	112.43 7.74 0.00	118.25 8.23 0.00	112.07 8.03 0.00	131.81 9.22 -8.81	138.53 9.89 -5.42	150.87 10.37 -6.43	196.39 13.48 -9.33	205.11 8.32 -79.93	151.83 9.34 -10.18	165.91 6.18 -68.66	156.41 10.65 0.01	137.62 10.34 -0.01	153.10 11.26 -8.79	182.05 11.31 -33.54	144.38 10.12 -9.64	135.37 10.23 -0.01	141.57 7.12 -47.70	195.39 14.73 -0.49	166.08 9.44 -40.23	150.29 7.45 -41.42
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	192.29 16.21 0.00	134.71 11.78 0.00	138.45 12.27 0.00	116.33 10.29 0.00	114.91 10.21 0.00	121.03 11.01 0.00	114.92 10.88 0.00	136.36 12.48 -10.11	143.04 13.53 -6.28	156.38 14.15 -8.16	202.25 17.78 -10.89	204.62 10.99 -76.76	154.09 12.01 -9.77	165.07 7.97 -66.03	159.16 13.41 0.01	140.50 13.22 -0.01	156.36 15.07 -8.25	178.93 15.74 -25.99	147.87 14.06 -9.19	139.25 14.10 -0.01	141.93 9.72 -45.46	200.19 19.55 -0.47	167.09 12.34 -38.34	150.57 9.68 -39.48
KIAC_JFK_GT1 23816	188.65 12.56 0.00	132.46 9.53 0.00	136.26 10.08 0.00	114.40 8.37 0.00	112.92 8.23 0.00	118.55 8.52 0.00	112.04 8.00 0.00	132.44 9.84 -8.83	139.09 10.43 -5.43	150.86 10.34 -6.44	196.35 13.42 -9.35	205.23 8.27 -80.09	151.85 9.34 -10.20	165.89 6.02 -68.80	156.07 10.31 0.01	137.63 10.35 -0.01	153.02 11.16 -8.82	181.93 11.08 -33.65	144.40 10.12 -9.66	135.01 9.87 -0.01	141.47 6.93 -47.80	195.91 15.25 -0.49	166.37 9.65 -40.31	150.50 7.58 -41.51
KIAC_JFK_GT2 23817	188.65 12.56 0.00	132.46 9.53 0.00	136.26 10.08 0.00	114.40 8.37 0.00	112.92 8.23 0.00	118.55 8.52 0.00	112.04 8.00 0.00	132.44 9.84 -8.83	139.09 10.43 -5.43	150.86 10.34 -6.44	196.35 13.42 -9.35	205.23 8.27 -80.09	151.85 9.34 -10.20	165.89 6.02 -68.80	156.07 10.31 0.01	137.63 10.35 -0.01	153.02 11.16 -8.82	181.93 11.08 -33.65	144.40 10.12 -9.66	135.01 9.87 -0.01	141.47 6.93 -47.80	195.91 15.25 -0.49	166.37 9.65 -40.31	150.50 7.58 -41.51
KIAC_JFK____ 323774	188.65 12.56 0.00	132.47 9.54 0.00	136.27 10.08 0.00	114.39 8.36 0.00	112.93 8.24 0.00	118.55 8.52 0.00	112.04 7.99 0.00	132.39 9.78 -8.83	139.09 10.43 -5.43	150.82 10.31 -6.44	196.36 13.43 -9.35	205.22 8.27 -80.09	151.84 9.33 -10.20	165.89 6.02 -68.80	156.04 10.29 0.01	137.64 10.35 -0.01	153.07 11.21 -8.82	181.94 11.08 -33.65	144.42 10.14 -9.66	135.02 9.88 -0.01	141.48 6.93 -47.80	195.87 15.20 -0.49	166.38 9.66 -40.31	150.50 7.58 -41.51
KINTIGH____ 23543	160.30 -15.79 0.00	111.02 -11.91 0.00	114.27 -11.92 0.00	96.03 -10.01 0.00	95.37 -9.33 0.00	100.00 -10.02 0.00	93.76 -10.28 0.00	93.42 -13.13 7.22	105.21 -14.24 3.78	118.34 -16.03 -0.30	152.08 -21.41 0.09	111.52 -14.33 -8.98	117.26 -16.43 -1.38	90.32 -10.76 -10.01	127.64 -18.23 -0.11	111.43 -15.85 0.00	123.44 -17.01 -7.41	120.08 -17.36 -0.23	92.99 -16.14 15.49	102.53 -16.07 6.52	72.44 -11.28 3.04	138.10 -23.30 18.77	107.81 -14.22 -5.62	96.39 -10.81 -5.79
KNTFSRNC_46_KV_46KV_LOAD 80397	178.64 2.55 0.00	124.52 1.59 0.00	127.49 1.31 0.00	107.31 1.28 0.00	106.05 1.36 0.00	111.04 1.01 0.00	105.05 1.00 0.00	115.32 1.55 0.00	125.11 1.88 0.00	136.81 2.74 0.00	176.98 3.40 0.00	117.74 0.88 0.00	132.97 0.66 0.00	93.11 2.03 0.00	149.98 4.22 0.00	130.41 3.14 0.00	135.40 2.36 0.00	140.10 2.90 0.00	126.96 2.34 0.00	127.22 2.09 0.00	88.32 1.57 0.00	183.42 3.26 0.00	117.75 1.34 0.00	102.90 1.49 0.00
LACHUTE__HYDRO 323717	196.01 19.92 0.00	137.13 14.20 0.00	140.52 14.33 0.00	117.75 11.71 0.00	116.43 11.74 0.00	122.98 12.96 0.00	117.29 13.24 0.00	183.76 16.41 -53.58	179.85 17.20 -39.42	212.16 19.00 -59.08	260.18 25.08 -61.51	240.19 15.30 -108.02	161.08 15.01 -13.76	193.83 9.95 -92.81	161.33 15.57 0.00	142.89 15.60 -0.01	161.94 17.95 -10.94	153.24 17.77 1.73	152.40 15.38 -12.39	140.95 15.81 -0.02	158.75 10.69 -61.31	201.86 21.05 -0.63	181.84 13.72 -51.71	165.06 10.41 -53.24
LAWRNCALV_115KV_TB1 80681	174.95 -1.13 0.00	121.96 -0.97 0.00	125.01 -1.18 0.00	105.05 -0.99 0.00	103.69 -1.01 0.00	108.56 -1.46 0.00	101.94 -2.10 0.00	111.66 -2.12 0.00	120.86 -2.37 0.00	132.12 -1.95 0.00	170.84 -2.75 0.00	115.36 -3.01 -1.50	128.68 -3.82 -0.19	90.87 -1.31 -1.10	144.21 -1.56 0.00	125.00 -2.27 0.00	130.11 -2.94 0.00	134.86 -2.34 0.00	122.07 -2.55 0.00	122.29 -2.83 0.00	84.84 -1.90 0.00	176.74 -3.43 0.00	114.44 -1.97 0.00	100.29 -1.12 0.00
LEDERLE____ 23769	186.97 10.88 0.00	131.15 8.22 0.00	134.83 8.64 0.00	113.24 7.20 0.00	111.68 6.99 0.00	117.49 7.47 0.00	111.38 7.34 0.00	130.67 8.37 -8.53	137.11 9.00 -4.88	149.82 9.52 -6.23	195.11 12.51 -9.02	201.84 7.79 -77.18	150.81 8.68 -9.82	163.01 5.75 -66.18	155.61 9.85 0.01	136.93 9.64 -0.01	152.12 10.64 -8.43	179.61 10.89 -31.53	143.60 9.69 -9.29	134.99 9.85 -0.01	139.54 6.86 -45.93	194.64 13.99 -0.47	164.12 8.98 -38.74	148.32 7.02 -39.89
LIGHTHSE_115KV_TB6 355974	174.78 -1.31 0.00	122.02 -0.91 0.00	125.26 -0.93 0.00	104.85 -1.18 0.00	103.84 -0.85 0.00	109.30 -0.72 0.00	103.58 -0.47 0.00	113.34 -0.43 0.00	122.48 -0.75 0.00	133.55 -0.53 0.00	172.87 -0.71 0.00	121.71 -1.02 -5.87	131.37 -1.69 -0.75	95.22 -0.89 -5.03	144.20 -1.56 0.00	125.23 -2.05 0.00	131.03 -2.60 -0.58	134.32 -2.87 0.00	122.75 -2.54 -0.67	122.35 -2.78 0.00	88.03 -2.03 -3.31	176.23 -3.98 -0.03	116.13 -3.08 -2.79	101.29 -3.00 -2.88
LINDEN COGEN____ 23786	187.01 11.67 0.75	131.95 9.02 0.00	135.72 9.54 0.00	113.98 7.94 0.00	112.38 7.69 0.00	118.16 8.14 0.00	111.54 7.94 0.44	127.22 9.19 -4.26	121.05 9.80 11.98	129.25 10.23 15.06	188.31 13.45 -1.28	125.84 8.34 -0.63	116.01 9.35 25.66	116.01 6.08 -18.86	113.93 10.54 42.38	123.51 10.32 14.09	130.31 11.07 13.80	161.64 11.03 -13.42	116.40 9.85 18.07	111.01 9.86 23.98	117.09 6.89 -23.45	143.15 14.65 51.67	123.38 9.45 2.48	135.88 7.34 -27.13
LINDHRST_69_KV_BK1 356055	192.59 16.50 0.00	156.97 13.03 -21.01	148.81 13.88 -8.74	153.51 11.91 -35.57	152.99 11.67 -36.62	153.75 12.12 -31.61	152.94 11.44 -37.46	147.61 13.58 -20.26	167.44 14.22 -29.98	175.73 14.78 -26.87	206.41 17.80 -15.02	207.67 10.71 -80.10	155.34 12.83 -10.20	168.24 8.36 -68.81	163.79 15.19 -2.83	146.22 14.42 -4.52	157.44 15.57 -8.82	205.16 15.24 -52.71	192.02 14.47 -52.94	149.92 15.15 -9.64	147.42 10.12 -50.55	203.98 20.60 -3.21	172.93 12.60 -43.92	152.72 9.79 -41.52
LIPA_MISC_IPP 23656	193.53 17.44 0.00	155.50 13.84 -18.74	148.77 14.79 -7.80	150.56 12.80 -31.72	149.95 12.60 -32.66	151.34 13.13 -28.19	149.79 12.33 -33.41	147.29 14.50 -19.02	165.32 14.76 -27.33	173.05 14.31 -24.67	205.02 17.03 -14.41	206.57 9.60 -80.10	154.04 11.52 -10.20	167.74 7.86 -68.81	164.16 15.87 -2.53	146.43 15.12 -4.03	158.07 16.20 -8.82	203.20 15.35 -50.65	187.74 14.86 -48.26	149.65 15.92 -8.60	147.59 10.58 -50.26	204.99 21.90 -2.91	173.14 13.20 -43.53	152.89 9.97 -41.52
LISF__SOLAR 323691	193.89 17.80 0.00	155.80 14.10 -18.76	149.05 15.06 -7.81	150.85 13.04 -31.77	150.21 12.82 -32.70	151.61 13.36 -28.23	150.08 12.59 -33.45	147.55 14.74 -19.04	165.64 15.05 -27.36	173.31 14.55 -24.69	205.35 17.35 -14.42	206.72 9.75 -80.10	154.17 11.65 -10.20	167.83 7.95 -68.81	164.42 16.13 -2.53	146.70 15.38 -4.04	158.45 16.58 -8.82	203.63 15.75 -50.68	188.17 15.24 -48.31	150.02 16.28 -8.61	147.83 10.82 -50.26	205.42 22.34 -2.92	173.45 13.50 -43.53	153.14 10.21 -41.52

LITTLE FALLS___HYD 24013	184.15 8.06 0.00	128.61 5.68 0.00	132.20 6.02 0.00	110.94 4.91 0.00	109.70 5.00 0.00	115.14 5.12 0.00	109.29 5.24 0.00	120.05 6.28 0.00	130.16 6.92 0.00	141.16 7.09 0.00	182.83 9.25 0.00	121.58 4.72 0.00	136.60 4.28 0.00	93.96 2.89 0.00	150.93 5.17 0.00	132.29 5.02 0.00	139.00 5.96 0.00	143.02 5.82 0.00	130.22 5.60 0.00	130.81 5.68 0.00	90.62 3.87 0.00	188.45 8.28 0.00	121.92 5.51 0.00	106.18 4.77 0.00
LITTLRIV_115KV_TB1 356100	176.90 0.81 0.00	123.29 0.36 0.00	126.39 0.21 0.00	106.22 0.18 0.00	104.90 0.20 0.00	109.86 -0.17 0.00	103.21 -0.83 0.00	113.06 -0.71 0.00	122.46 -0.77 0.00	133.93 -0.14 0.00	173.14 -0.44 0.00	116.90 -1.51 -1.54	130.39 -2.12 -0.20	92.11 -0.10 -1.13	146.10 0.34 0.00	126.68 -0.60 0.00	131.88 -1.17 0.00	136.79 -0.40 0.00	123.76 -0.86 0.00	123.97 -1.16 0.00	85.99 -0.76 0.00	179.00 -1.17 0.00	115.88 -0.53 0.00	101.45 0.04 0.00
LI_NEWBRDGE___DRP 323616	189.10 13.01 0.00	151.10 10.74 -17.44	144.92 11.48 -7.25	145.45 9.89 -29.52	144.72 9.64 -30.39	146.22 9.97 -26.23	144.50 9.36 -31.09	143.19 11.11 -18.31	160.61 11.58 -25.81	169.55 12.08 -23.40	202.32 14.68 -14.06	205.86 8.89 -80.10	153.10 10.59 -10.20	166.72 6.84 -68.81	160.57 12.46 -2.35	142.74 11.71 -3.76	154.47 12.60 -8.82	198.77 12.10 -49.47	181.72 11.52 -45.58	145.13 12.00 -8.00	144.86 8.03 -50.09	199.17 16.25 -2.74	169.73 10.02 -43.31	150.67 7.75 -41.52
LOCKPORT_115KV_TB60_63_64 80432	157.03 -19.06 0.00	108.61 -14.32 0.00	111.83 -14.36 0.00	93.97 -12.06 0.00	93.53 -11.17 0.00	97.99 -12.03 0.00	91.68 -12.36 0.00	88.24 -15.81 9.72	101.12 -17.07 5.04	114.94 -19.19 -0.06	147.56 -25.89 0.13	108.72 -17.27 -9.13	113.79 -19.75 -1.22	88.69 -13.06 -10.68	123.50 -22.11 0.15	108.13 -19.15 -0.01	105.15 -20.50 7.39	125.05 -20.72 -8.57	177.30 -19.22 -71.89	155.12 -19.19 -49.18	89.05 -13.47 -15.77	137.68 -27.84 14.65	105.65 -16.89 -6.13	95.29 -12.43 -6.31
LOCKPORT___CC1 323769	156.47 -19.62 0.00	108.20 -14.73 0.00	111.41 -14.78 0.00	93.60 -12.43 0.00	93.15 -11.54 0.00	97.60 -12.42 0.00	91.31 -12.73 0.00	80.86 -15.96 16.96	96.90 -17.56 8.77	114.42 -19.62 0.03	146.84 -26.55 0.20	105.16 -17.68 -5.97	113.24 -20.23 -1.16	88.40 -13.39 -10.71	122.91 -22.62 0.23	107.52 -19.72 0.04	103.72 -21.44 7.89	86.27 -21.24 29.69	-225.68 -19.72 330.58	-104.57 -19.68 210.02	8.10 -13.83 64.82	127.90 -28.32 23.94	105.32 -17.26 -6.17	94.96 -12.82 -6.36
LOCKPORT___CC2 323770	156.47 -19.62 0.00	108.20 -14.73 0.00	111.41 -14.78 0.00	93.60 -12.43 0.00	93.15 -11.54 0.00	97.60 -12.42 0.00	91.31 -12.73 0.00	80.86 -15.96 16.96	96.90 -17.56 8.77	114.42 -19.62 0.03	146.84 -26.55 0.20	105.16 -17.68 -5.97	113.24 -20.23 -1.16	88.40 -13.39 -10.71	122.91 -22.62 0.23	107.52 -19.72 0.04	103.72 -21.44 7.89	86.27 -21.24 29.69	-225.68 -19.72 330.58	-104.57 -19.68 210.02	8.10 -13.83 64.82	127.90 -28.32 23.94	105.32 -17.26 -6.17	94.96 -12.82 -6.36
LOCKPORT___CC3 323771	156.47 -19.62 0.00	108.20 -14.73 0.00	111.41 -14.78 0.00	93.60 -12.43 0.00	93.15 -11.54 0.00	97.60 -12.42 0.00	91.31 -12.73 0.00	80.86 -15.96 16.96	96.90 -17.56 8.77	114.42 -19.62 0.03	146.84 -26.55 0.20	105.16 -17.68 -5.97	113.24 -20.23 -1.16	88.40 -13.39 -10.71	122.91 -22.62 0.23	107.52 -19.72 0.04	103.72 -21.44 7.89	86.27 -21.24 29.69	-225.68 -19.72 330.58	-104.57 -19.68 210.02	8.10 -13.83 64.82	127.90 -28.32 23.94	105.32 -17.26 -6.17	94.96 -12.82 -6.36
LONG_LAKE_PHOENIX 24014	170.52 -5.57 0.00	118.96 -3.97 0.00	122.21 -3.97 0.00	102.58 -3.45 0.00	101.45 -3.24 0.00	106.72 -3.30 0.00	101.04 -3.00 0.00	110.33 -3.44 0.00	119.49 -3.74 0.00	129.88 -4.20 0.00	168.08 -5.51 0.00	119.75 -3.81 -6.70	128.73 -4.44 -0.85	93.89 -2.94 -5.75	140.81 -4.96 0.00	123.04 -4.23 0.00	129.43 -4.29 -0.68	132.78 -4.42 0.00	121.34 -4.06 -0.78	121.04 -4.09 0.00	87.67 -2.94 -3.86	173.99 -6.23 -0.04	115.57 -4.09 -3.25	101.18 -3.58 -3.35
LOVETT___3 23632	185.88 9.80 0.00	130.41 7.48 0.00	134.08 7.89 0.00	112.61 6.57 0.00	111.07 6.38 0.00	116.81 6.79 0.00	110.72 6.68 0.00	129.92 7.60 -8.55	136.28 8.16 -4.89	148.88 8.57 -6.24	193.91 11.27 -9.05	201.25 6.95 -77.43	149.90 7.73 -9.86	162.59 5.10 -66.41	154.59 8.83 0.01	136.03 8.75 -0.01	151.21 9.70 -8.47	178.75 9.83 -31.72	142.67 8.72 -9.32	134.02 8.88 -0.01	139.04 6.19 -46.10	193.38 12.73 -0.48	163.43 8.14 -38.88	147.79 6.35 -40.03
LOVETT___4 23642	185.88 9.80 0.00	130.41 7.48 0.00	134.08 7.89 0.00	112.61 6.57 0.00	111.07 6.38 0.00	116.81 6.79 0.00	110.72 6.68 0.00	129.92 7.60 -8.55	136.28 8.16 -4.89	148.88 8.57 -6.24	193.91 11.27 -9.05	201.25 6.95 -77.43	149.90 7.73 -9.86	162.59 5.10 -66.41	154.59 8.83 0.01	136.03 8.75 -0.01	151.21 9.70 -8.47	178.75 9.83 -31.72	142.67 8.72 -9.32	134.02 8.88 -0.01	139.04 6.19 -46.10	193.38 12.73 -0.48	163.43 8.14 -38.88	147.79 6.35 -40.03
LOVETT___5 23593	185.88 9.80 0.00	130.41 7.48 0.00	134.08 7.89 0.00	112.61 6.57 0.00	111.07 6.38 0.00	116.81 6.79 0.00	110.72 6.68 0.00	129.92 7.60 -8.55	136.28 8.16 -4.89	148.88 8.57 -6.24	193.91 11.27 -9.05	201.25 6.95 -77.43	149.90 7.73 -9.86	162.59 5.10 -66.41	154.59 8.83 0.01	136.03 8.75 -0.01	151.21 9.70 -8.47	178.75 9.83 -31.72	142.67 8.72 -9.32	134.02 8.88 -0.01	139.04 6.19 -46.10	193.38 12.73 -0.48	163.43 8.14 -38.88	147.79 6.35 -40.03
LOWER RAQUET___HYD 24057	174.77 -1.32 0.00	121.82 -1.11 0.00	124.84 -1.35 0.00	104.91 -1.13 0.00	103.54 -1.16 0.00	108.34 -1.68 0.00	101.67 -2.37 0.00	111.38 -2.39 0.00	120.49 -2.74 0.00	131.75 -2.33 0.00	170.36 -3.22 0.00	115.20 -3.25 -1.58	128.30 -4.22 -0.20	90.66 -1.58 -1.17	143.78 -1.99 0.00	124.65 -2.62 0.00	129.74 -3.31 0.00	134.42 -2.78 0.00	121.66 -2.97 0.00	121.83 -3.30 0.00	84.56 -2.19 0.00	176.02 -4.15 0.00	114.02 -2.39 0.00	99.94 -1.47 0.00
LOWER___HUDSON 24059	184.53 8.44 0.00	128.91 5.98 0.00	132.37 6.19 0.00	111.28 5.24 0.00	109.73 5.03 0.00	115.36 5.33 0.00	109.46 5.42 0.00	164.98 5.95 -45.25	162.69 6.45 -33.02	190.08 6.91 -49.10	234.34 9.00 -51.76	228.30 5.36 -106.07	151.60 5.78 -13.51	186.29 4.08 -91.14	152.58 6.82 0.00	133.63 6.34 -0.01	151.04 7.23 -10.76	143.23 6.91 0.88	143.33 6.54 -12.16	131.80 6.66 -0.02	151.51 4.61 -60.15	190.02 9.23 -0.62	173.01 5.88 -50.73	158.76 5.11 -52.24
LOWVILLE_115KV_TB2 356335	182.79 6.70 0.00	127.60 4.67 0.00	130.83 4.65 0.00	109.40 3.37 0.00	108.29 3.60 0.00	113.86 3.84 0.00	108.00 3.96 0.00	118.47 4.69 0.00	127.61 4.38 0.00	139.82 5.75 0.00	180.79 7.20 0.00	123.97 3.95 -3.15	136.61 3.90 -0.40	96.82 3.07 -2.69	150.31 4.55 0.00	129.40 2.12 0.00	134.45 1.12 -0.29	137.68 0.48 0.00	125.43 0.48 -0.33	125.16 0.03 0.00	88.40 0.02 -1.63	179.56 -0.63 -0.02	116.87 -0.91 -1.38	101.31 -1.52 -1.42
LUTHERFT_115KV_GLOB_FND_222 355753	187.16 11.07 0.00	130.75 7.82 0.00	134.27 8.08 0.00	112.80 6.76 0.00	111.39 6.69 0.00	117.23 7.21 0.00	111.29 7.24 0.00	174.88 8.17 -52.94	170.93 8.77 -38.93	201.89 9.49 -58.32	246.63 12.28 -60.76	232.11 7.39 -107.85	153.66 7.61 -13.73	188.88 5.14 -92.67	154.32 8.56 0.00	135.41 8.11 -0.01	153.08 9.11 -10.92	144.62 9.07 1.64	145.33 8.34 -12.37	133.58 8.43 -0.02	153.74 5.78 -61.21	192.39 11.58 -0.63	175.38 7.35 -51.62	160.60 6.04 -53.16

LUTHERNY_35_KV_BK2 355980	187.18 11.09 0.00	130.75 7.82 0.00	134.25 8.06 0.00	112.75 6.71 0.00	111.41 6.71 0.00	117.29 7.27 0.00	111.37 7.33 0.00	175.00 8.29 -52.94	171.05 8.89 -38.93	201.99 9.60 -58.32	246.75 12.40 -60.76	232.19 7.47 -107.85	153.79 7.75 -13.73	188.95 5.21 -92.67	154.49 8.73 0.00	135.56 8.27 -0.01	153.19 9.23 -10.92	144.77 9.21 1.64	145.42 8.42 -12.37	133.71 8.56 -0.02	153.86 5.91 -61.21	192.62 11.82 -0.63	175.55 7.52 -51.62	160.62 6.05 -53.16
LWR__OSWEGATCHIE_HYD 23850	177.87 1.79 0.00	124.04 1.12 0.00	127.18 1.00 0.00	106.39 0.35 0.00	105.17 0.47 0.00	110.37 0.35 0.00	104.03 -0.01 0.00	113.97 0.20 0.00	121.98 -1.25 0.00	133.47 -0.60 0.00	172.56 -1.02 0.00	117.33 -1.75 -2.22	130.14 -2.46 -0.28	92.10 -0.81 -1.84	145.08 -0.68 0.00	126.01 -1.27 0.00	131.13 -2.13 -0.21	135.03 -2.17 0.00	122.70 -2.16 -0.24	122.57 -2.55 0.00	86.18 -1.78 -1.21	176.60 -3.58 -0.01	114.94 -2.49 -1.02	100.32 -2.14 -1.05
LYONS_FALL_HYD 23570	182.50 6.41 0.00	127.39 4.46 0.00	130.70 4.52 0.00	109.43 3.39 0.00	108.31 3.61 0.00	113.95 3.93 0.00	108.05 4.01 0.00	118.50 4.73 0.00	127.93 4.70 0.00	139.80 5.72 0.00	180.81 7.23 0.00	123.94 4.18 -2.89	136.96 4.28 -0.37	96.76 3.22 -2.47	150.79 5.03 0.00	130.55 3.27 0.00	136.03 2.72 -0.27	139.43 2.23 0.00	127.02 2.09 -0.31	126.92 1.79 0.00	89.49 1.21 -1.54	182.23 2.04 -0.02	118.63 0.92 -1.30	102.94 0.20 -1.34
MADISON__COUNTY_LFGE 323628	182.16 6.07 0.00	127.21 4.28 0.00	130.63 4.44 0.00	109.52 3.48 0.00	108.49 3.79 0.00	114.23 4.21 0.00	108.30 4.25 0.00	118.58 4.81 0.00	128.35 5.12 0.00	139.60 5.53 0.00	180.75 7.16 0.00	126.11 4.40 -4.84	137.64 4.71 -0.62	98.65 3.43 -4.15	151.28 5.52 0.00	131.92 4.65 0.00	138.26 4.73 -0.48	141.50 4.30 0.00	129.06 3.89 -0.55	128.88 3.76 0.00	91.95 2.46 -2.75	185.12 4.92 -0.03	121.82 3.09 -2.32	105.95 2.15 -2.39
MALONE__115KV_TB1 356076	179.48 3.40 0.00	125.06 2.13 0.00	128.11 1.92 0.00	107.75 1.72 0.00	106.51 1.81 0.00	111.59 1.57 0.00	105.21 1.16 0.00	115.53 1.76 0.00	125.51 2.28 0.00	137.10 3.03 0.00	177.38 3.80 0.00	118.06 1.19 0.00	133.29 0.98 0.00	93.15 2.07 0.00	149.88 4.12 0.00	129.96 2.69 0.00	135.11 2.07 0.00	140.11 2.91 0.00	126.77 2.15 0.00	126.92 1.80 0.00	88.11 1.36 0.00	182.91 2.73 0.00	117.47 1.06 0.00	102.85 1.44 0.00
MAPLEWOD_115KV_TB3 80458	184.79 8.70 0.00	129.06 6.13 0.00	132.56 6.37 0.00	111.42 5.38 0.00	109.89 5.19 0.00	115.51 5.49 0.00	109.55 5.51 0.00	157.32 5.99 -37.56	156.79 6.48 -27.08	181.00 7.08 -39.84	225.56 9.23 -42.74	228.17 5.64 -105.67	151.98 6.21 -13.46	186.20 4.34 -90.80	152.81 7.05 0.00	133.14 5.86 -0.01	150.38 6.64 -10.69	141.75 6.38 1.83	142.86 6.14 -12.10	131.41 6.27 -0.02	150.95 4.36 -59.84	189.68 8.89 -0.62	172.58 5.71 -50.47	158.80 5.42 -51.97
MAPLE RIDGE_WT_1 323574	175.90 -0.19 0.00	122.68 -0.25 0.00	125.69 -0.49 0.00	105.44 -0.59 0.00	103.94 -0.75 0.00	109.12 -0.90 0.00	103.08 -0.96 0.00	112.82 -0.95 0.00	121.91 -1.32 0.00	132.69 -1.38 0.00	171.94 -1.65 0.00	115.04 -1.83 0.00	130.02 -2.29 0.00	90.13 -0.95 0.00	144.63 -1.13 0.00	125.61 -1.66 0.00	130.97 -2.08 0.00	134.95 -2.25 0.00	122.62 -2.00 0.00	122.97 -2.16 0.00	85.03 -1.72 0.00	177.53 -2.64 0.00	114.43 -1.98 0.00	99.41 -2.00 0.00
MAPLE RIDGE_WT_2 323611	175.90 -0.19 0.00	122.68 -0.25 0.00	125.69 -0.49 0.00	105.44 -0.59 0.00	103.94 -0.75 0.00	109.12 -0.90 0.00	103.08 -0.96 0.00	112.82 -0.95 0.00	121.91 -1.32 0.00	132.69 -1.38 0.00	171.94 -1.65 0.00	115.04 -1.83 0.00	130.02 -2.29 0.00	90.13 -0.95 0.00	144.63 -1.13 0.00	125.61 -1.66 0.00	130.97 -2.08 0.00	134.95 -2.25 0.00	122.62 -2.00 0.00	122.97 -2.16 0.00	85.03 -1.72 0.00	177.53 -2.64 0.00	114.43 -1.98 0.00	99.41 -2.00 0.00
MARBLE_RIVER_WT_PWR 323696	176.03 -0.06 0.00	122.72 -0.21 0.00	125.66 -0.52 0.00	105.78 -0.25 0.00	104.47 -0.22 0.00	109.43 -0.59 0.00	103.35 -0.69 0.00	113.35 -0.42 0.00	122.99 -0.24 0.00	134.34 0.27 0.00	173.77 0.19 0.00	115.71 -1.16 0.00	130.50 -1.81 0.00	91.39 0.31 0.00	147.22 1.46 0.00	127.89 0.61 0.00	132.94 -0.10 0.00	137.47 0.28 0.00	124.45 -0.17 0.00	124.69 -0.43 0.00	86.65 -0.10 0.00	179.93 -0.24 0.00	115.50 -0.91 0.00	101.18 -0.23 0.00
MARSHVLE_115KV_TB1 80742	186.42 10.33 0.00	130.11 7.18 0.00	133.34 7.15 0.00	112.05 6.02 0.00	110.80 6.10 0.00	116.70 6.68 0.00	110.26 6.22 0.00	169.76 6.91 -49.08	166.83 7.49 -36.12	196.12 7.88 -54.17	239.79 9.86 -56.35	243.67 6.22 -120.58	154.15 6.48 -15.35	199.24 4.52 -103.64	153.05 7.30 0.01	134.27 6.98 -0.02	152.39 7.48 -11.86	144.35 8.33 1.17	145.90 7.40 -13.88	132.23 7.08 -0.02	160.21 4.81 -68.64	191.58 10.70 -0.71	180.99 6.68 -57.89	166.68 5.65 -59.62
MARSH_HILL_WT_PWR 323713	168.56 -7.53 0.00	116.23 -6.70 0.00	119.66 -6.53 0.00	99.83 -6.20 0.00	98.39 -6.31 0.00	102.03 -7.99 0.00	98.30 -5.74 0.00	165.44 -7.51 -59.17	143.45 -10.02 -30.24	123.81 -11.78 -1.51	163.23 -13.25 -2.90	129.10 -6.74 -18.97	127.36 -7.20 -2.25	100.77 -5.15 -14.84	135.63 -10.03 0.10	116.72 -10.56 0.00	119.63 -9.64 3.78	129.96 -9.08 -1.84	123.09 -8.04 -6.51	116.72 -8.41 0.00	96.43 -5.49 -15.17	181.62 -11.06 -12.51	118.10 -6.79 -8.48	104.90 -5.24 -8.73
MCINTYRE_115KV_TB2 80467	178.52 2.43 0.00	124.41 1.48 0.00	127.59 1.41 0.00	107.27 1.23 0.00	105.89 1.20 0.00	111.07 1.05 0.00	104.45 0.40 0.00	114.43 0.65 0.00	124.07 0.84 0.00	135.68 1.60 0.00	175.37 1.79 0.00	118.30 -0.04 -1.48	132.01 -0.49 -0.19	93.22 1.06 -1.09	148.01 2.24 0.00	128.38 1.11 0.00	133.71 0.67 0.00	138.82 1.62 0.00	125.57 0.95 0.00	125.77 0.65 0.00	87.23 0.48 0.00	181.57 1.40 0.00	117.47 1.06 0.00	102.74 1.33 0.00
MECO____69_KV_BK1 80468	190.14 14.05 0.00	132.68 9.75 0.00	136.05 9.87 0.00	114.33 8.29 0.00	113.06 8.36 0.00	119.11 9.09 0.00	112.90 8.85 0.00	176.24 9.95 -52.52	172.60 10.67 -38.70	203.44 11.26 -58.10	248.04 14.12 -60.33	241.62 8.58 -116.17	155.70 8.59 -14.79	196.87 5.95 -99.85	155.59 9.83 0.01	137.50 10.21 -0.01	155.89 11.38 -11.46	147.87 12.30 1.62	149.07 11.09 -13.36	136.01 10.86 -0.02	160.20 7.37 -66.08	196.20 15.35 -0.68	181.66 9.52 -55.73	166.72 7.93 -57.39
MENANDS__115KV_TB5 355628	184.13 8.04 0.00	128.65 5.72 0.00	132.13 5.94 0.00	111.06 5.02 0.00	109.54 4.84 0.00	115.10 5.08 0.00	109.14 5.09 0.00	155.50 5.48 -36.24	155.21 5.91 -26.07	178.76 6.42 -38.26	223.23 8.45 -41.20	227.44 5.10 -105.47	151.40 5.65 -13.43	185.66 3.97 -90.62	152.17 6.41 0.00	132.38 5.09 -0.01	149.54 5.82 -10.67	140.77 5.42 1.86	141.98 5.29 -12.07	130.61 5.46 -0.02	150.27 3.80 -59.72	188.60 7.82 -0.62	171.84 5.07 -50.37	158.36 5.08 -51.87
MG INDUSTRY__DRP 24185	183.24 7.15 0.00	127.98 5.05 0.00	131.48 5.30 0.00	110.49 4.46 0.00	109.06 4.37 0.00	114.60 4.58 0.00	108.58 4.54 0.00	143.06 4.77 -24.51	145.36 5.10 -17.04	163.73 5.43 -24.22	208.03 6.98 -27.47	224.01 4.21 -102.94	149.91 4.49 -13.11	182.67 3.15 -88.45	150.97 5.21 0.00	131.65 4.36 -0.01	148.39 4.91 -10.44	140.70 4.70 1.20	141.07 4.62 -11.82	129.93 4.79 -0.02	148.61 3.37 -58.49	187.74 6.97 -0.60	170.24 4.50 -49.33	156.65 4.44 -50.80

MID___OSWEGATCHIE_HYD 23849	177.87 1.79 0.00	124.04 1.12 0.00	127.18 1.00 0.00	106.39 0.35 0.00	105.17 0.47 0.00	110.37 0.35 0.00	104.03 -0.01 0.00	113.97 0.20 0.00	121.98 -1.25 0.00	133.47 -0.60 0.00	172.56 -1.02 0.00	117.33 -1.75 -2.22	130.14 -2.46 -0.28	92.10 -0.81 -1.84	145.08 -0.68 0.00	126.01 -1.27 0.00	131.13 -2.13 -0.21	135.03 -2.17 0.00	122.70 -2.16 -0.24	122.57 -2.55 0.00	86.18 -1.78 -1.21	176.60 -3.58 -0.01	114.94 -2.49 -1.02	100.32 -2.14 -1.05
MID___RAQUETTE_HYD 23851	174.77 -1.32 0.00	121.82 -1.11 0.00	124.84 -1.35 0.00	104.90 -1.13 0.00	103.54 -1.16 0.00	108.34 -1.68 0.00	101.67 -2.37 0.00	111.38 -2.39 0.00	120.49 -2.74 0.00	131.76 -2.31 0.00	170.34 -3.25 0.00	115.15 -3.30 -1.58	128.34 -4.17 -0.20	90.66 -1.58 -1.17	143.78 -1.98 0.00	124.63 -2.65 0.00	129.65 -3.39 0.00	134.42 -2.78 0.00	121.65 -2.97 0.00	121.82 -3.30 0.00	84.53 -2.22 0.00	176.02 -4.15 0.00	114.03 -2.37 0.00	99.94 -1.47 0.00
MILLIKEN___1 23584	179.53 3.44 0.00	124.93 2.00 0.00	128.21 2.02 0.00	107.50 1.46 0.00	106.51 1.81 0.00	112.04 2.03 0.00	106.00 1.95 0.00	118.21 2.28 -2.16	127.14 2.58 -1.34	138.28 2.50 -1.71	179.51 3.22 -2.71	136.33 1.78 -17.68	136.24 1.75 -2.18	106.32 1.04 -14.21	147.16 1.41 0.01	128.77 1.50 0.00	135.78 1.65 -1.08	140.83 1.89 -1.75	130.81 1.57 -4.61	126.67 1.54 0.00	100.18 0.80 -12.64	189.19 1.49 -7.52	125.57 1.09 -8.08	110.57 0.85 -8.32
MILLIKEN___2 23585	179.53 3.44 0.00	124.93 2.00 0.00	128.21 2.02 0.00	107.50 1.46 0.00	106.51 1.81 0.00	112.04 2.03 0.00	106.00 1.95 0.00	118.21 2.28 -2.16	127.14 2.58 -1.34	138.28 2.50 -1.71	179.51 3.22 -2.71	136.33 1.78 -17.68	136.24 1.75 -2.18	106.32 1.04 -14.21	147.16 1.41 0.01	128.77 1.50 0.00	135.78 1.65 -1.08	140.83 1.89 -1.75	130.81 1.57 -4.61	126.67 1.54 0.00	100.18 0.80 -12.64	189.19 1.49 -7.52	125.57 1.09 -8.08	110.57 0.85 -8.32
MILLIKEN___DIESEL 23629	179.53 3.44 0.00	124.93 2.00 0.00	128.21 2.02 0.00	107.50 1.46 0.00	106.51 1.81 0.00	112.04 2.03 0.00	106.00 1.95 0.00	118.21 2.28 -2.16	127.14 2.58 -1.34	138.28 2.50 -1.71	179.51 3.22 -2.71	136.33 1.78 -17.68	136.24 1.75 -2.18	106.32 1.04 -14.21	147.16 1.41 0.01	128.77 1.50 0.00	135.78 1.65 -1.08	140.83 1.89 -1.75	130.81 1.57 -4.61	126.67 1.54 0.00	100.18 0.80 -12.64	189.19 1.49 -7.52	125.57 1.09 -8.08	110.57 0.85 -8.32
MILLSEAT___LFGE 323607	162.30 -13.79 0.00	112.28 -10.65 0.00	115.57 -10.61 0.00	97.07 -8.96 0.00	96.54 -8.15 0.00	101.34 -8.68 0.00	95.19 -8.86 0.00	94.56 -11.30 7.91	106.70 -12.40 4.13	120.15 -14.01 -0.09	154.05 -19.29 0.24	112.38 -13.01 -8.53	118.54 -14.96 -1.19	91.52 -9.89 -10.34	128.98 -16.67 0.11	112.84 -14.44 -0.01	111.74 -15.76 5.54	129.07 -15.40 -7.27	168.22 -14.43 -58.05	151.41 -14.43 -40.71	88.58 -10.33 -12.16	142.17 -21.28 16.71	109.33 -13.00 -5.92	98.01 -9.50 -6.09
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	187.54 11.45 0.00	131.60 8.67 0.00	135.33 9.15 0.00	113.70 7.66 0.00	112.12 7.42 0.00	117.91 7.89 0.00	111.76 7.72 0.00	131.39 8.83 -8.78	138.09 9.47 -5.39	150.44 9.95 -6.41	195.79 12.91 -9.29	204.48 7.98 -79.64	151.39 8.94 -10.14	165.39 5.92 -68.40	155.96 10.20 0.01	137.22 9.94 -0.01	152.68 10.87 -8.76	181.51 10.97 -33.34	144.01 9.79 -9.61	135.03 9.89 -0.01	141.14 6.88 -47.51	194.85 14.19 -0.49	165.58 9.09 -40.07	149.86 7.18 -41.26
MILLWOOD_13_KV_LOAD 356217	187.86 11.78 0.00	131.84 8.90 0.00	135.54 9.35 0.00	113.86 7.82 0.00	112.30 7.61 0.00	118.11 8.09 0.00	111.96 7.92 0.00	131.61 9.06 -8.78	138.35 9.72 -5.39	150.72 10.24 -6.41	196.14 13.26 -9.29	204.72 8.21 -79.64	151.66 9.21 -10.14	165.54 6.07 -68.40	156.23 10.47 0.01	137.48 10.19 -0.01	152.94 11.14 -8.76	181.80 11.26 -33.34	144.27 10.05 -9.61	135.29 10.15 -0.01	141.32 7.05 -47.51	195.21 14.54 -0.49	165.78 9.30 -40.07	150.02 7.35 -41.26
MODEL_CITY_ENERGY 24167	155.46 -20.63 0.00	107.59 -15.34 0.00	110.81 -15.37 0.00	93.14 -12.89 0.00	92.70 -12.00 0.00	97.13 -12.89 0.00	90.79 -13.26 0.00	86.20 -16.65 10.92	99.26 -18.31 5.66	113.68 -20.43 -0.03	145.88 -27.62 0.09	107.50 -18.48 -9.12	112.43 -21.11 -1.23	88.00 -13.94 -10.87	122.08 -23.50 0.18	106.82 -20.46 -0.01	102.08 -22.31 8.65	120.39 -22.20 -5.40	142.66 -20.59 -38.63	132.09 -20.56 -27.52	81.88 -14.43 -9.57	136.12 -29.58 14.47	104.74 -17.92 -6.25	94.60 -13.25 -6.44
MODERN_LFGE___ 323580	155.46 -20.63 0.00	107.59 -15.34 0.00	110.81 -15.37 0.00	93.14 -12.89 0.00	92.70 -12.00 0.00	97.13 -12.89 0.00	90.79 -13.26 0.00	86.20 -16.65 10.92	99.26 -18.31 5.66	113.68 -20.43 -0.03	145.88 -27.62 0.09	107.50 -18.48 -9.12	112.43 -21.11 -1.23	88.00 -13.94 -10.87	122.08 -23.50 0.18	106.82 -20.46 -0.01	102.08 -22.31 8.65	120.39 -22.20 -5.40	142.66 -20.59 -38.63	132.09 -20.56 -27.52	81.88 -14.43 -9.57	136.12 -29.58 14.47	104.74 -17.92 -6.25	94.60 -13.25 -6.44
MOHAWK_PAPER___DRP 24187	184.79 8.70 0.00	129.06 6.13 0.00	132.56 6.37 0.00	111.42 5.38 0.00	109.89 5.19 0.00	115.51 5.49 0.00	109.55 5.51 0.00	157.32 5.99 -37.56	156.79 6.48 -27.08	181.00 7.08 -39.84	225.56 9.23 -42.74	228.17 5.64 -105.67	151.98 6.21 -13.46	186.20 4.34 -90.80	152.81 7.05 0.00	133.14 5.86 -0.01	150.38 6.64 -10.69	141.75 6.38 1.83	142.86 6.14 -12.10	131.41 6.27 -0.02	150.95 4.36 -59.84	189.68 8.89 -0.62	172.58 5.71 -50.47	158.80 5.42 -51.97
MOHICAN___35_KV_115KV_LD 80490	189.67 13.58 0.00	132.55 9.62 0.00	136.01 9.83 0.00	114.22 8.19 0.00	112.87 8.18 0.00	118.93 8.91 0.00	113.12 9.08 0.00	177.70 10.61 -53.32	173.70 11.25 -39.22	205.23 12.39 -58.77	250.88 16.09 -61.20	234.23 9.41 -107.95	155.05 8.99 -13.75	189.65 5.83 -92.75	155.36 9.60 0.00	136.59 9.30 -0.01	154.58 10.60 -10.93	146.00 10.50 1.69	146.48 9.47 -12.39	134.74 9.60 -0.02	154.54 6.53 -61.27	193.65 12.85 -0.63	176.22 8.14 -51.67	161.05 6.44 -53.21
MONGAUP___HYD 23641	188.55 12.47 0.00	132.05 9.12 0.00	135.68 9.49 0.00	113.97 7.94 0.00	112.51 7.82 0.00	118.40 8.38 0.00	111.78 7.74 0.00	130.70 8.87 -8.05	137.29 9.47 -4.59	149.74 9.78 -5.89	194.68 12.58 -8.52	196.96 7.48 -72.61	149.48 7.92 -9.25	159.18 5.31 -62.80	154.59 8.83 0.01	136.25 8.96 -0.01	151.66 10.68 -7.93	177.24 11.25 -28.79	143.56 10.14 -8.80	135.39 10.25 -0.01	137.34 7.07 -43.52	194.87 14.25 -0.45	162.18 9.07 -36.70	146.93 7.73 -37.79
MONTAUK___DIESEL 23721	199.84 23.75 0.00	160.83 19.15 -18.74	154.25 20.26 -7.80	154.96 17.18 -31.74	154.41 17.04 -32.67	156.36 18.13 -28.21	154.45 16.98 -33.42	152.64 19.84 -19.03	169.77 19.21 -27.34	176.91 18.16 -24.67	211.75 23.75 -14.41	210.85 13.89 -80.10	156.99 14.48 -10.20	170.64 10.77 -68.81	170.12 21.83 -2.53	151.86 20.55 -4.04	162.64 20.77 -8.82	208.32 20.46 -50.66	193.37 20.47 -48.28	154.76 21.03 -8.60	150.64 13.64 -50.26	210.24 27.15 -2.91	175.63 15.69 -43.53	153.96 11.04 -41.52
MOONROAD_115KV_HARTFLD_TB1-2 355988	166.18 -9.91 0.00	114.41 -8.51 0.00	117.53 -8.65 0.00	97.47 -8.56 0.00	98.14 -6.56 0.00	102.23 -7.79 0.00	96.07 -7.97 0.00	90.50 -11.90 11.37	104.17 -13.15 5.91	119.32 -14.81 -0.06	153.98 -20.00 -0.40	114.99 -13.53 -11.65	118.03 -15.81 -1.53	92.50 -10.99 -12.42	125.94 -19.64 0.19	110.31 -16.96 0.00	106.37 -18.04 8.63	121.16 -17.58 -1.54	106.67 -16.23 1.73	108.70 -16.43 0.00	79.40 -11.89 -4.53	146.58 -24.14 9.45	108.61 -14.94 -7.14	97.85 -10.91 -7.35

MORRIS_RIDGE___SOLAR 323848	165.31 -10.78 0.00	114.28 -8.65 0.00	117.62 -8.56 0.00	98.37 -7.66 0.00	97.58 -7.11 0.00	101.99 -8.04 0.00	96.30 -7.75 0.00	26.55 -10.00 77.22	73.28 -10.95 39.00	123.22 -12.27 -1.42	159.76 -15.85 -2.02	123.15 -9.53 -15.81	123.47 -10.82 -1.98	97.95 -7.41 -14.29	132.30 -13.33 0.14	115.14 -12.14 0.00	115.35 -12.16 5.53	127.24 -11.73 -1.77	115.89 -10.69 -1.96	114.43 -10.69 0.00	89.12 -7.33 -9.70	165.60 -14.67 -0.10	115.62 -8.97 -8.18	102.99 -6.84 -8.42
MORTIMER_115KV_TB3 55949	166.20 -9.89 0.00	115.33 -7.60 0.00	118.57 -7.61 0.00	99.65 -6.38 0.00	98.83 -5.86 0.00	103.86 -6.16 0.00	97.89 -6.15 0.00	105.99 -7.92 -0.14	114.77 -8.53 -0.06	124.49 -9.60 -0.02	159.21 -12.94 1.43	114.13 -8.77 -6.04	123.17 -10.17 -1.03	93.38 -6.61 -8.92	134.56 -11.23 -0.02	117.56 -9.72 0.00	124.84 -10.31 -2.10	128.72 -10.38 -1.90	115.66 -9.77 -0.80	121.00 -9.79 -5.66	77.04 -6.94 2.77	140.34 -14.60 25.23	112.39 -9.07 -5.04	99.65 -6.95 -5.20
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	188.80 12.71 0.00	132.59 9.66 0.00	136.39 10.21 0.00	114.58 8.54 0.00	113.02 8.32 0.00	118.84 8.82 0.00	112.61 8.57 0.00	132.55 9.95 -8.83	139.34 10.68 -5.43	151.72 11.20 -6.44	197.50 14.57 -9.35	206.04 9.08 -80.09	152.72 10.21 -10.20	166.59 6.72 -68.80	157.34 11.59 0.01	138.46 11.18 -0.01	153.87 12.01 -8.82	182.89 12.03 -33.66	145.09 10.80 -9.66	135.97 10.83 -0.01	142.08 7.53 -47.80	196.50 15.83 -0.49	166.94 10.22 -40.31	150.98 8.06 -41.51
MUNSVILLE_WIND_PWR 323609	197.47 21.38 0.00	136.94 14.01 0.00	140.51 14.32 0.00	117.34 11.30 0.00	116.52 11.83 0.00	121.82 11.80 0.00	114.73 10.68 0.00	130.89 12.51 -4.60	139.87 13.66 -2.98	151.12 13.07 -3.98	194.63 15.80 -5.24	153.92 10.78 -26.28	148.40 12.79 -3.30	121.20 8.04 -22.09	157.20 11.46 0.03	136.79 9.51 0.00	143.12 8.72 -1.36	148.95 8.98 -2.77	136.00 6.86 -4.52	131.54 6.41 0.00	107.77 4.41 -16.61	193.59 9.09 -4.33	135.35 6.38 -12.56	121.59 7.24 -12.93
N SALMON___HYD 24042	179.48 3.39 0.00	125.05 2.12 0.00	128.11 1.92 0.00	107.75 1.71 0.00	106.51 1.81 0.00	111.59 1.57 0.00	105.21 1.17 0.00	115.53 1.75 0.00	125.51 2.28 0.00	137.10 3.03 0.00	177.34 3.76 0.00	118.12 1.25 0.00	133.25 0.94 0.00	93.14 2.07 0.00	149.88 4.11 0.00	129.98 2.70 0.00	135.14 2.10 0.00	140.11 2.91 0.00	126.77 2.15 0.00	126.92 1.80 0.00	88.13 1.38 0.00	182.90 2.73 0.00	117.47 1.06 0.00	102.85 1.44 0.00
N.AKRON__115KV_KNAPP 355671	160.77 -15.32 0.00	111.17 -11.76 0.00	114.47 -11.72 0.00	96.19 -9.85 0.00	95.68 -9.01 0.00	100.37 -9.65 0.00	94.12 -9.92 0.00	92.27 -12.87 8.63	104.91 -13.83 4.49	118.50 -15.64 -0.08	152.15 -21.24 0.20	111.32 -14.32 -8.77	117.07 -16.44 -1.20	90.71 -10.84 -10.47	127.25 -18.38 0.13	111.45 -15.83 -0.01	109.78 -16.99 6.27	127.96 -17.03 -7.79	172.24 -15.91 -63.53	153.30 -15.90 -44.06	89.09 -11.25 -13.59	140.91 -23.37 15.90	108.22 -14.19 -6.00	97.24 -10.35 -6.18
N.BELMOR_69_KV_BK1 55787	190.70 14.61 0.00	160.66 11.62 -26.11	149.37 12.32 -10.86	160.76 10.53 -44.20	160.46 10.27 -45.50	159.99 10.69 -39.28	160.71 10.13 -46.54	148.78 11.98 -23.03	171.82 12.65 -35.94	179.09 13.19 -31.83	205.79 15.80 -16.40	206.63 9.66 -80.10	153.85 11.34 -10.20	167.30 7.42 -68.81	162.62 13.33 -3.52	145.40 12.51 -5.62	155.49 13.63 -8.82	207.94 13.40 -57.34	200.60 12.54 -63.43	150.12 13.02 -11.97	146.75 8.78 -51.22	202.15 18.11 -3.86	172.47 11.27 -44.79	151.67 8.74 -41.52
N.E_GEN_SANDY PD 24062	185.74 9.62 -0.03	129.51 6.94 0.36	133.38 7.20 0.00	112.16 6.13 0.00	110.49 5.79 0.00	116.07 6.05 0.00	110.07 6.03 0.00	137.82 6.65 -17.40	139.16 7.13 -8.79	157.66 7.53 -16.06	202.29 9.83 -18.87	216.27 5.80 -93.61	150.79 6.46 -12.02	172.06 4.61 -76.38	153.65 7.89 0.00	134.96 7.67 -0.01	151.69 8.85 -9.80	157.11 8.54 -11.37	143.46 7.86 -10.99	130.83 8.06 2.36	139.42 5.59 -47.08	192.57 11.23 -1.17	168.77 7.21 -45.15	154.65 6.04 -47.19
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	186.31 10.22 0.00	130.72 7.79 0.00	134.39 8.21 0.00	112.89 6.85 0.00	111.34 6.64 0.00	117.09 7.07 0.00	110.97 6.93 0.00	130.21 7.90 -8.54	136.55 8.43 -4.88	149.20 8.89 -6.23	194.32 11.70 -9.04	201.42 7.23 -77.32	150.23 8.07 -9.84	162.67 5.31 -66.29	154.98 9.22 0.01	136.36 9.08 -0.01	151.53 10.04 -8.45	179.03 10.22 -31.62	143.00 9.08 -9.30	134.36 9.23 -0.01	139.19 6.43 -46.01	193.81 13.16 -0.47	163.69 8.48 -38.80	147.98 6.62 -39.95
N.QUEENS_27_KV_LOAD 356247	189.64 13.55 0.00	133.15 10.22 0.00	137.02 10.84 0.00	115.03 8.99 0.00	113.48 8.78 0.00	119.22 9.20 0.00	113.11 9.06 0.00	132.93 10.32 -8.83	139.80 11.14 -5.44	152.19 11.67 -6.45	198.00 15.07 -9.35	206.57 9.62 -80.09	153.42 10.91 -10.20	166.99 7.12 -68.80	158.09 12.33 0.01	139.30 12.01 -0.01	154.31 12.44 -8.82	183.55 12.69 -33.66	145.74 11.46 -9.66	136.11 10.97 -0.01	142.50 7.95 -47.80	197.64 16.97 -0.49	167.60 10.88 -40.31	151.49 8.57 -41.51
N.TROY___115KV_TB1 355778	184.53 8.44 0.00	128.91 5.98 0.00	132.37 6.19 0.00	111.28 5.24 0.00	109.73 5.03 0.00	115.36 5.33 0.00	109.46 5.42 0.00	165.01 5.99 -45.25	162.69 6.44 -33.02	190.09 6.92 -49.10	234.36 9.02 -51.76	228.29 5.35 -106.07	151.60 5.77 -13.51	186.29 4.08 -91.14	152.58 6.81 0.00	133.63 6.34 -0.01	151.04 7.23 -10.76	143.23 6.92 0.88	143.33 6.55 -12.16	131.81 6.66 -0.02	151.53 4.63 -60.15	190.02 9.23 -0.62	173.02 5.88 -50.73	158.77 5.12 -52.24
NARROWS_GT1_1 24228	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT1_2 24229	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT1_3 24230	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT1_4 24231	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51

NARROWS_GT1_5 24232	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT1_6 24233	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT1_7 24234	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT1_8 24235	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_1 24236	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_2 24237	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_3 24238	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_4 24239	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_5 24240	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_6 24241	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_7 24242	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NARROWS_GT2_8 24243	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	379.29 12.74 -232.48	216.47 16.35 -26.53	240.91 10.33 -113.70	165.92 11.65 -21.96	188.81 7.67 -90.07	187.54 13.10 -28.68	265.43 12.60 -125.56	375.19 13.39 -228.76	360.48 13.39 -209.89	338.33 12.20 -201.51	331.86 12.20 -194.53	310.04 8.47 -214.83	300.04 17.65 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	191.06 14.97 0.00	133.24 10.31 0.00	136.85 10.66 0.00	115.04 9.00 0.00	113.62 8.92 0.00	119.65 9.63 0.00	113.66 9.61 0.00	147.72 10.52 -23.43	151.02 11.52 -16.27	169.37 12.16 -23.13	214.99 15.16 -26.25	224.38 8.97 -98.54	153.94 9.08 -12.55	182.35 6.57 -84.71	156.48 10.72 0.00	136.37 9.08 -0.01	153.47 10.51 -9.91	152.85 10.95 -4.69	146.13 10.11 -11.40	135.31 10.17 -0.02	149.94 6.81 -56.37	194.86 14.10 -0.58	172.66 8.71 -47.54	158.54 8.17 -48.96
NCHELSEA_115KV_TR2 355582	190.37 14.27 0.00	133.39 10.46 0.00	137.09 10.90 0.00	115.17 9.14 0.00	113.68 8.98 0.00	119.64 9.62 0.00	113.48 9.43 0.00	133.76 10.81 -9.18	140.47 11.65 -5.59	153.25 12.30 -6.87	199.18 15.83 -9.76	206.58 9.83 -79.88	153.42 10.94 -10.17	167.08 7.30 -68.70	158.11 12.35 0.01	139.20 11.91 -0.01	154.96 13.15 -8.76	182.97 13.47 -32.30	146.23 11.97 -9.63	137.22 12.08 -0.01	142.73 8.34 -47.64	197.63 16.97 -0.49	167.38 10.79 -40.18	151.38 8.60 -41.37
NEG CAPITAL___MECHNVIL 23645	187.57 11.48 0.00	130.98 8.05 0.00	134.51 8.32 0.00	113.02 6.98 0.00	111.56 6.87 0.00	117.44 7.42 0.00	111.49 7.45 0.00	173.04 8.37 -50.89	169.59 9.01 -37.35	199.74 9.81 -55.86	244.67 12.72 -58.36	231.88 7.71 -107.30	154.08 8.10 -13.66	188.75 5.49 -92.19	154.86 9.10 0.00	135.82 8.53 -0.01	153.56 9.64 -10.87	145.37 9.54 1.36	145.76 8.83 -12.31	134.09 8.94 -0.02	153.75 6.12 -60.88	193.02 12.22 -0.63	175.46 7.70 -51.35	160.69 6.41 -52.87

NEG CENTRAL_HIGH_ACRES 23767	165.97 -10.12 0.00	115.04 -7.89 0.00	118.10 -8.08 0.00	99.23 -6.80 0.00	98.42 -6.28 0.00	103.47 -6.55 0.00	97.68 -6.36 0.00	106.29 -7.48 0.00	115.27 -7.95 0.01	125.27 -8.83 -0.02	160.41 -11.90 1.28	114.77 -8.18 -6.08	123.84 -9.49 -1.02	93.91 -5.74 -8.58	134.80 -10.99 -0.02	117.62 -9.66 0.00	125.15 -10.29 -2.39	128.04 -10.18 -1.02	102.76 -9.52 12.34	115.55 -9.58 0.00	70.18 -6.87 9.70	128.41 -14.40 37.36	112.12 -9.12 -4.84	99.10 -7.29 -4.98
NEG CENTRAL___DRP 24199	173.06 -3.03 0.00	120.34 -2.59 0.00	123.32 -2.86 0.00	103.50 -2.54 0.00	102.63 -2.06 0.00	107.96 -2.06 0.00	102.13 -1.92 0.00	118.03 -2.40 -6.65	124.36 -2.16 -3.29	131.62 -2.63 -0.18	175.96 -3.45 -5.83	140.99 -2.35 -26.48	131.82 -2.96 -2.46	98.23 -2.23 -9.39	141.68 -4.09 0.00	123.80 -3.48 0.00	130.68 -3.51 -1.14	135.09 -3.24 -1.13	153.69 -2.96 -32.04	122.15 -2.98 0.00	126.01 -2.24 -41.50	260.56 -4.97 -85.36	118.69 -3.04 -5.33	104.30 -2.59 -5.48
NEG CENTRAL___INDECK 23768	160.64 -15.45 0.00	111.48 -11.45 0.00	113.93 -12.26 0.00	96.48 -9.55 0.00	95.49 -9.21 0.00	100.17 -9.85 0.00	95.14 -8.90 0.00	161.47 -11.28 -58.98	140.91 -12.12 -29.79	120.55 -13.71 -0.19	156.43 -18.21 -1.05	119.36 -11.67 -14.16	120.60 -13.51 -1.79	94.65 -8.89 -12.46	129.70 -16.00 0.06	113.24 -14.04 0.00	117.32 -14.22 1.51	125.10 -13.63 -1.53	113.64 -12.69 -1.70	113.09 -12.04 0.00	90.36 -4.81 -8.42	167.89 -12.37 -0.09	115.57 -7.94 -7.10	102.50 -6.23 -7.31
NEG CENTRAL___SENECA 23627	172.03 -4.06 0.00	119.56 -3.37 0.00	122.50 -3.68 0.00	102.80 -3.24 0.00	102.07 -2.63 0.00	107.26 -2.76 0.00	101.44 -2.60 0.00	120.80 -3.33 -10.36	125.27 -3.11 -5.15	130.56 -3.70 -0.19	177.91 -4.76 -9.08	151.19 -3.14 -37.47	131.79 -3.82 -3.29	98.84 -2.69 -10.46	140.45 -5.30 0.01	122.65 -4.63 0.00	129.21 -4.69 -0.85	133.95 -4.51 -1.27	171.83 -4.14 -51.35	121.00 -4.13 0.00	147.95 -2.95 -64.15	312.14 -6.55 -138.52	118.29 -4.06 -5.94	104.15 -3.37 -6.12
NEG CENTRAL___STATE_STREET 24147	176.53 0.44 0.00	122.60 -0.33 0.00	125.36 -0.82 0.00	105.38 -0.65 0.00	104.37 -0.32 0.00	109.87 -0.15 0.00	103.88 -0.16 0.00	114.62 0.01 -0.85	124.29 0.72 -0.34	134.77 0.53 -0.17	176.30 0.53 -2.19	131.94 0.16 -14.91	133.53 -0.43 -1.65	99.30 -0.86 -9.09	144.55 -1.21 0.00	126.53 -0.75 0.00	133.45 -0.70 -1.11	138.28 -0.01 -1.10	134.91 -0.02 -10.31	125.11 -0.02 0.00	102.73 -0.51 -16.49	204.17 -1.21 -25.21	121.12 -0.46 -5.16	106.16 -0.57 -5.32
NEG MILLWOOD___DRP 24198	191.28 15.19 0.00	134.07 11.14 0.00	137.82 11.64 0.00	115.79 9.76 0.00	114.32 9.62 0.00	120.31 10.29 0.00	114.11 10.06 0.00	134.42 11.54 -9.11	141.22 12.39 -5.59	153.90 13.08 -6.75	200.10 16.85 -9.67	208.05 10.42 -80.76	154.19 11.60 -10.28	168.28 7.79 -69.42	158.92 13.16 0.01	139.82 12.54 -0.01	155.73 13.80 -8.89	184.74 14.12 -33.42	146.93 12.56 -9.74	137.81 12.67 -0.01	143.69 8.75 -48.19	198.56 17.89 -0.50	168.42 11.37 -40.64	152.30 9.04 -41.85
NEG NORTH_FLCN_SEA 23793	176.64 0.55 0.00	123.18 0.25 0.00	126.11 -0.07 0.00	106.16 0.13 0.00	104.93 0.23 0.00	109.84 -0.19 0.00	103.90 -0.14 0.00	114.16 0.39 0.00	123.79 0.56 0.00	135.31 1.23 0.00	175.11 1.53 0.00	116.45 -0.41 0.00	131.55 -0.76 0.00	92.14 1.07 0.00	148.51 2.75 0.00	129.12 1.84 0.00	134.00 0.96 0.00	138.53 1.34 0.00	125.55 0.93 0.00	125.84 0.71 0.00	87.37 0.62 0.00	181.59 1.42 0.00	116.62 0.21 0.00	101.92 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	176.53 0.44 0.00	122.99 0.06 0.00	125.96 -0.22 0.00	106.03 0.00 0.00	104.75 0.05 0.00	109.69 -0.33 0.00	103.55 -0.49 0.00	113.61 -0.16 0.00	123.40 0.17 0.00	134.67 0.60 0.00	174.19 0.61 0.00	116.03 -0.84 0.00	130.92 -1.39 0.00	91.66 0.59 0.00	147.70 1.94 0.00	128.22 0.94 0.00	133.28 0.23 0.00	138.01 0.81 0.00	124.83 0.21 0.00	125.12 -0.01 0.00	86.96 0.21 0.00	180.49 0.32 0.00	115.82 -0.59 0.00	101.49 0.08 0.00
NEG NORTH___ALICE_FALLS 23915	178.64 2.55 0.00	124.52 1.59 0.00	127.49 1.31 0.00	107.31 1.28 0.00	106.05 1.36 0.00	111.04 1.01 0.00	105.05 1.00 0.00	115.32 1.55 0.00	125.11 1.88 0.00	136.81 2.74 0.00	176.98 3.40 0.00	117.74 0.88 0.00	132.97 0.66 0.00	93.11 2.03 0.00	149.98 4.22 0.00	130.41 3.14 0.00	135.40 2.36 0.00	140.10 2.90 0.00	126.96 2.34 0.00	127.22 2.09 0.00	88.32 1.57 0.00	183.42 3.26 0.00	117.75 1.34 0.00	102.90 1.49 0.00
NEG NORTH___LWR_SARANAC 23913	178.64 2.55 0.00	124.52 1.59 0.00	127.49 1.31 0.00	107.31 1.28 0.00	106.05 1.36 0.00	111.04 1.01 0.00	105.05 1.00 0.00	115.32 1.55 0.00	125.11 1.88 0.00	136.81 2.74 0.00	176.98 3.40 0.00	117.74 0.88 0.00	132.97 0.66 0.00	93.11 2.03 0.00	149.98 4.22 0.00	130.41 3.14 0.00	135.40 2.36 0.00	140.10 2.90 0.00	126.96 2.34 0.00	127.22 2.09 0.00	88.32 1.57 0.00	183.42 3.26 0.00	117.75 1.34 0.00	102.90 1.49 0.00
NEG NORTH___PLATTSBURG 23628	178.63 2.54 0.00	124.52 1.59 0.00	127.49 1.31 0.00	107.32 1.28 0.00	106.05 1.36 0.00	111.03 1.01 0.00	105.05 1.00 0.00	115.32 1.55 0.00	125.11 1.88 0.00	136.81 2.74 0.00	176.99 3.41 0.00	117.80 0.93 0.00	132.93 0.62 0.00	93.11 2.04 0.00	149.98 4.21 0.00	130.43 3.16 0.00	135.44 2.40 0.00	140.09 2.89 0.00	126.95 2.33 0.00	127.22 2.09 0.00	88.34 1.59 0.00	183.43 3.26 0.00	117.75 1.34 0.00	102.91 1.50 0.00
NEG WEST_LEA_LOCKPORT 23791	156.48 -19.60 0.00	108.18 -14.75 0.00	111.38 -14.80 0.00	93.61 -12.43 0.00	93.15 -11.55 0.00	97.60 -12.42 0.00	91.29 -12.75 0.00	80.55 -16.27 16.95	96.87 -17.59 8.77	114.30 -19.74 0.03	146.82 -26.56 0.20	105.16 -17.68 -5.97	113.23 -20.25 -1.16	88.40 -13.38 -10.71	122.86 -22.67 0.23	107.56 -19.68 0.04	104.13 -21.02 7.89	86.29 -21.22 29.69	-225.67 -19.70 330.58	-104.53 -19.64 210.02	8.18 -13.75 64.82	127.77 -28.46 23.94	105.29 -17.28 -6.17	94.96 -12.81 -6.36
NEG WEST___LANCASTER 23811	165.11 -10.98 0.00	114.17 -8.76 0.00	117.49 -8.69 0.00	98.55 -7.49 0.00	97.97 -6.72 0.00	102.66 -7.37 0.00	96.25 -7.80 0.00	92.38 -9.75 11.64	106.19 -10.99 6.05	121.45 -12.69 -0.06	156.96 -17.03 -0.40	117.09 -11.62 -11.84	120.83 -13.04 -1.56	95.06 -8.63 -12.62	131.20 -14.38 0.19	114.46 -12.82 0.00	110.91 -13.67 8.47	125.44 -13.32 -1.56	110.74 -12.06 1.82	113.33 -11.80 0.00	82.96 -8.32 -4.53	154.18 -16.22 9.77	114.03 -9.63 -7.25	102.12 -6.76 -7.47
NEG_PENN_ALLEGHNY 23528	175.92 -0.17 0.00	122.54 -0.39 0.00	125.97 -0.21 0.00	105.49 -0.55 0.00	104.53 -0.17 0.00	109.88 -0.14 0.00	103.86 -0.18 0.00	117.11 -0.17 -3.51	125.30 -0.09 -2.16	136.31 -0.48 -2.71	177.04 -0.51 -3.97	143.43 -0.74 -27.31	134.80 -0.93 -3.42	113.49 -0.64 -23.05	144.56 -1.16 0.04	126.39 -0.88 0.00	132.36 -1.14 -0.45	139.12 -0.96 -2.88	128.44 -0.80 -4.62	124.32 -0.81 0.00	103.35 -0.65 -17.24	183.51 -0.91 -4.26	128.99 -0.54 -13.12	114.33 -0.59 -13.51
NEG___GEN_MONROE 24207	166.78 -9.31 0.00	115.66 -7.27 0.00	118.96 -7.22 0.00	99.94 -6.09 0.00	99.17 -5.52 0.00	104.26 -5.76 0.00	98.25 -5.79 0.00	106.37 -7.58 -0.18	115.16 -8.16 -0.09	124.80 -9.29 -0.02	159.55 -12.62 1.41	114.45 -8.60 -6.18	123.33 -10.02 -1.04	93.54 -6.52 -9.00	134.74 -11.03 -0.02	117.73 -9.55 0.00	124.57 -10.16 -1.68	129.33 -10.06 -2.20	119.01 -9.54 -3.94	123.16 -9.55 -7.58	77.96 -6.84 1.96	141.01 -14.40 24.76	112.65 -8.86 -5.09	99.93 -6.72 -5.24

NEPA__ENERGY 23901	163.17 -12.92 0.00	112.63 -10.30 0.00	115.84 -10.35 0.00	96.66 -9.38 0.00	96.75 -7.95 0.00	100.98 -9.05 0.00	94.73 -9.31 0.00	84.75 -12.48 16.54	100.88 -13.82 8.53	118.54 -15.56 -0.03	152.98 -20.84 -0.24	113.72 -13.79 -10.65	117.81 -15.92 -1.42	92.25 -10.71 -11.89	126.95 -18.61 0.20	110.96 -16.32 0.00	106.51 -17.27 9.26	121.50 -17.17 -1.47	106.35 -15.82 2.45	109.37 -15.76 0.00	79.06 -11.12 -3.44	146.12 -22.80 11.25	109.35 -13.90 -6.84	98.26 -10.20 -7.05
NEVERSINK__HYD 23608	188.14 12.06 0.00	131.78 8.85 0.00	135.47 9.28 0.00	113.81 7.77 0.00	112.46 7.76 0.00	118.40 8.38 0.00	112.38 8.34 0.00	132.42 9.60 -9.04	139.16 10.42 -5.50	151.96 10.81 -7.08	196.84 13.57 -9.69	197.77 8.23 -72.68	150.44 8.87 -9.25	159.45 5.85 -62.53	155.65 9.89 0.01	137.22 9.93 -0.01	152.46 11.61 -7.80	174.56 12.09 -25.28	144.18 10.84 -8.71	136.01 10.87 -0.01	137.34 7.49 -43.10	195.60 14.98 -0.45	162.16 9.40 -36.35	146.10 7.25 -37.44
NEWKRMKL_115KV_TB1 55635	184.06 7.97 0.00	128.54 5.61 0.00	132.04 5.86 0.00	110.99 4.95 0.00	109.47 4.78 0.00	115.08 5.06 0.00	109.12 5.07 0.00	154.28 5.42 -35.08	154.26 5.87 -25.17	177.31 6.37 -36.86	221.79 8.37 -39.84	227.41 5.08 -105.47	151.36 5.62 -13.43	185.58 3.89 -90.62	151.94 6.18 0.00	131.82 4.53 -0.01	148.87 5.16 -10.66	139.77 4.76 2.18	141.32 4.62 -12.08	129.96 4.82 -0.02	149.85 3.35 -59.75	187.75 6.96 -0.62	171.34 4.54 -50.39	158.24 4.94 -51.89
NEWTON__FALLS_HYD 23847	177.87 1.79 0.00	124.04 1.12 0.00	127.18 1.00 0.00	106.39 0.35 0.00	105.17 0.47 0.00	110.37 0.35 0.00	104.03 -0.01 0.00	113.97 0.20 0.00	121.98 -1.25 0.00	133.47 -0.60 0.00	172.56 -1.02 0.00	117.33 -1.75 -2.22	130.14 -2.46 -0.28	92.10 -0.81 -1.84	145.08 -0.68 0.00	126.01 -1.27 0.00	131.13 -2.13 -0.21	135.03 -2.17 0.00	122.70 -2.16 -0.24	122.57 -2.55 0.00	86.18 -1.78 -1.21	176.60 -3.58 -0.01	114.94 -2.49 -1.02	100.32 -2.14 -1.05
NGRID_A1_DSASP 323792	155.31 -20.78 0.00	107.30 -15.63 0.00	110.50 -15.69 0.00	92.92 -13.12 0.00	92.40 -12.29 0.00	96.78 -13.24 0.00	90.44 -13.60 0.00	85.40 -16.46 11.91	98.46 -18.60 6.17	113.03 -21.03 0.01	145.16 -28.34 0.09	106.65 -18.93 -8.71	111.86 -21.65 -1.20	87.68 -14.31 -10.91	121.47 -24.07 0.22	106.27 -21.01 0.00	99.59 -22.87 10.59	115.72 -22.83 -1.35	99.53 -21.20 3.89	103.97 -21.16 0.00	73.21 -14.83 -1.29	134.95 -30.31 14.90	104.26 -18.45 -6.30	94.10 -13.79 -6.48
NGRID_A2_DSASP 323793	155.31 -20.78 0.00	107.30 -15.63 0.00	110.50 -15.69 0.00	92.92 -13.12 0.00	92.40 -12.29 0.00	96.78 -13.24 0.00	90.44 -13.60 0.00	85.40 -16.46 11.91	98.46 -18.60 6.17	113.03 -21.03 0.01	145.16 -28.34 0.09	106.65 -18.93 -8.71	111.86 -21.65 -1.20	87.68 -14.31 -10.91	121.47 -24.07 0.22	106.27 -21.01 0.00	99.59 -22.87 10.59	115.72 -22.83 -1.35	99.53 -21.20 3.89	103.97 -21.16 0.00	73.21 -14.83 -1.29	134.95 -30.31 14.90	104.26 -18.45 -6.30	94.10 -13.79 -6.48
NGRID_A4_DSASP 323807	155.31 -20.78 0.00	107.30 -15.63 0.00	110.50 -15.69 0.00	92.92 -13.12 0.00	92.40 -12.29 0.00	96.78 -13.24 0.00	90.44 -13.60 0.00	85.40 -16.46 11.91	98.46 -18.60 6.17	113.03 -21.03 0.01	145.16 -28.34 0.09	106.65 -18.93 -8.71	111.86 -21.65 -1.20	87.68 -14.31 -10.91	121.47 -24.07 0.22	106.27 -21.01 0.00	99.59 -22.87 10.59	115.72 -22.83 -1.35	99.53 -21.20 3.89	103.97 -21.16 0.00	73.21 -14.83 -1.29	134.95 -30.31 14.90	104.26 -18.45 -6.30	94.10 -13.79 -6.48
NIAGARA_115E_LBMP 323715	154.54 -21.55 0.00	106.99 -15.94 0.00	110.19 -15.99 0.00	92.64 -13.40 0.00	92.22 -12.48 0.00	96.59 -13.43 0.00	90.23 -13.81 0.00	84.89 -17.37 11.51	98.19 -19.07 5.96	112.83 -21.26 -0.02	144.75 -28.78 0.06	106.79 -19.19 -9.11	111.62 -21.92 -1.24	87.53 -14.51 -10.96	121.14 -24.43 0.19	106.05 -21.23 0.00	100.61 -23.16 9.27	117.95 -23.11 -3.85	125.61 -21.42 -22.41	120.69 -21.39 -16.96	78.31 -14.99 -6.54	135.09 -30.69 14.39	104.12 -18.60 -6.31	94.17 -13.74 -6.50
NIAGARA_115W_LBMP 323714	155.06 -21.03 0.00	107.11 -15.82 0.00	110.32 -15.87 0.00	92.75 -13.28 0.00	92.26 -12.44 0.00	96.59 -13.43 0.00	90.26 -13.79 0.00	85.36 -16.58 11.84	98.33 -18.77 6.13	112.83 -21.23 0.01	144.89 -28.60 0.09	106.40 -19.14 -8.67	111.64 -21.87 -1.20	87.51 -14.46 -10.90	121.28 -24.26 0.22	106.11 -21.17 0.00	99.28 -23.08 10.69	115.49 -23.05 -1.34	99.31 -21.40 3.91	103.77 -21.36 0.00	73.05 -14.96 -1.26	134.61 -30.61 14.95	104.06 -18.64 -6.29	93.95 -13.94 -6.47
NIAGARA_230_LBMP 323716	156.92 -19.17 0.00	108.49 -14.44 0.00	111.71 -14.47 0.00	93.90 -12.13 0.00	93.35 -11.35 0.00	97.76 -12.26 0.00	91.41 -12.63 0.00	86.41 -15.84 11.52	99.74 -17.52 5.97	114.41 -19.63 0.04	146.97 -26.46 0.15	107.40 -17.65 -8.18	113.25 -20.21 -1.15	88.51 -13.31 -10.75	123.11 -22.41 0.24	107.67 -19.61 0.00	100.16 -21.35 11.54	115.41 -21.25 0.53	81.29 -19.69 23.63	92.88 -19.65 12.59	70.08 -13.76 2.91	136.19 -28.18 15.80	105.50 -17.12 -6.21	95.03 -12.78 -6.40
NIAGARA__115KV_198_GIBSON 55903	155.07 -21.02 0.00	107.09 -15.83 0.00	110.32 -15.86 0.00	92.76 -13.28 0.00	92.25 -12.45 0.00	96.59 -13.43 0.00	90.24 -13.80 0.00	85.02 -16.92 11.84	98.30 -18.80 6.13	112.67 -21.39 0.01	144.86 -28.63 0.09	106.42 -19.12 -8.67	111.63 -21.89 -1.20	87.51 -14.46 -10.90	121.19 -24.35 0.22	106.15 -21.12 0.00	99.72 -22.64 10.69	115.53 -23.02 -1.34	99.35 -21.35 3.91	103.81 -21.32 0.00	73.08 -14.93 -1.26	134.50 -30.73 14.95	104.01 -18.68 -6.29	93.95 -13.93 -6.47
NIAGARA____ 23760	156.92 -19.17 0.00	108.49 -14.44 0.00	111.71 -14.47 0.00	93.90 -12.13 0.00	93.35 -11.35 0.00	97.76 -12.26 0.00	91.41 -12.63 0.00	86.39 -15.84 11.54	99.73 -17.52 5.98	114.43 -19.63 0.01	147.01 -26.46 0.11	107.76 -17.65 -8.54	113.29 -20.21 -1.19	88.61 -13.31 -10.85	123.12 -22.41 0.23	107.67 -19.61 0.00	100.95 -21.35 10.75	116.96 -21.25 -1.02	98.00 -19.69 6.93	103.46 -19.65 2.02	73.77 -13.76 -0.78	136.73 -28.18 15.26	105.55 -17.12 -6.27	95.11 -12.78 -6.48
NINE_MILE_1 23575	169.15 -6.94 0.00	117.97 -4.96 0.00	121.14 -5.04 0.00	101.74 -4.29 0.00	100.58 -4.11 0.00	105.73 -4.29 0.00	100.05 -4.00 0.00	109.22 -4.55 0.00	118.33 -4.90 0.00	128.63 -5.45 0.00	166.46 -7.13 0.00	117.16 -4.92 -5.21	127.28 -5.70 -0.66	91.65 -3.87 -4.45	139.50 -6.26 0.00	121.87 -5.40 0.00	128.21 -5.64 -0.80	131.44 -5.76 0.00	119.99 -5.23 -0.60	119.85 -5.28 0.00	86.00 -3.73 -2.99	172.40 -7.81 -0.03	113.90 -5.02 -2.52	99.67 -4.33 -2.59
NINE_MILE_2 23744	169.15 -6.94 0.00	117.97 -4.96 0.00	121.14 -5.04 0.00	101.74 -4.29 0.00	100.58 -4.11 0.00	105.73 -4.29 0.00	100.06 -3.99 0.00	109.22 -4.55 0.00	118.33 -4.90 0.00	128.63 -5.45 0.00	166.48 -7.11 0.00	117.15 -4.92 -5.20	127.28 -5.70 -0.66	91.65 -3.86 -4.44	139.53 -6.24 0.00	121.89 -5.38 0.00	128.21 -5.63 -0.80	131.46 -5.74 0.00	119.99 -5.23 -0.60	119.86 -5.27 0.00	85.99 -3.73 -2.98	172.40 -7.81 -0.03	113.91 -5.01 -2.51	99.68 -4.31 -2.59
NM_CAPITAL__DRP 24208	183.92 7.83 0.00	128.50 5.57 0.00	131.98 5.80 0.00	110.95 4.91 0.00	109.42 4.72 0.00	114.98 4.96 0.00	109.03 4.98 0.00	153.66 5.34 -34.55	153.77 5.78 -24.76	176.56 6.25 -36.23	220.98 8.18 -39.22	227.05 4.96 -105.23	151.19 5.48 -13.40	185.30 3.82 -90.41	151.94 6.18 0.00	132.09 4.80 -0.01	149.13 5.43 -10.65	140.34 5.03 1.90	141.61 4.95 -12.04	130.28 5.14 -0.02	149.90 3.57 -59.58	188.16 7.38 -0.61	171.46 4.81 -50.25	158.08 4.92 -51.74

NM_CENTRAL___DRP 24181	172.69 -3.40 0.00	120.45 -2.48 0.00	123.77 -2.42 0.00	103.87 -2.17 0.00	102.76 -1.94 0.00	108.09 -1.93 0.00	102.30 -1.75 0.00	111.71 -2.06 0.00	120.97 -2.26 0.00	131.44 -2.64 0.00	170.16 -3.42 0.00	121.77 -2.51 -7.41	130.28 -2.97 -0.94	95.49 -1.94 -6.36	142.47 -3.30 0.00	124.52 -2.76 0.00	130.98 -2.81 -0.75	134.23 -2.97 0.00	122.77 -2.71 -0.86	122.37 -2.76 0.00	88.98 -2.03 -4.27	175.90 -4.31 -0.04	117.21 -2.80 -3.60	102.64 -2.48 -3.70
NM_FRONTIER___DRP 24179	155.07 -21.02 0.00	107.09 -15.83 0.00	110.32 -15.86 0.00	92.76 -13.28 0.00	92.25 -12.45 0.00	96.59 -13.43 0.00	90.24 -13.80 0.00	85.02 -16.92 11.84	98.30 -18.80 6.13	112.67 -21.39 0.01	144.86 -28.63 0.09	106.42 -19.12 -8.67	111.63 -21.89 -1.20	87.51 -14.46 -10.90	121.19 -24.35 0.22	106.15 -21.12 0.00	99.72 -22.64 10.69	115.53 -23.02 -1.34	99.35 -21.35 3.91	103.81 -21.32 0.00	73.08 -14.93 -1.26	134.50 -30.73 14.95	104.01 -18.68 -6.29	93.95 -13.93 -6.47
NM_ST_REGIS___HYD 24053	176.08 -0.01 0.00	122.71 -0.21 0.00	125.75 -0.43 0.00	105.70 -0.34 0.00	104.35 -0.34 0.00	109.22 -0.80 0.00	102.63 -1.41 0.00	112.51 -1.26 0.00	121.86 -1.37 0.00	133.25 -0.83 0.00	172.30 -1.28 0.00	116.32 -2.06 -1.52	129.79 -2.72 -0.19	91.64 -0.55 -1.12	145.53 -0.24 0.00	126.14 -1.14 0.00	131.17 -1.87 0.00	135.98 -1.22 0.00	123.06 -1.55 0.00	123.24 -1.89 0.00	85.52 -1.23 0.00	177.87 -2.30 0.00	114.98 -1.43 0.00	100.75 -0.66 0.00
NORTHPORT___1 23551	189.84 13.75 0.00	152.78 11.37 -18.48	146.24 12.36 -7.69	148.26 10.94 -31.28	147.68 10.78 -32.20	148.76 10.94 -27.80	146.88 9.90 -32.94	144.41 11.76 -18.88	162.38 12.12 -27.02	171.04 12.56 -24.41	202.88 14.96 -14.34	205.64 8.67 -80.10	153.32 10.81 -10.20	166.76 6.88 -68.81	161.41 13.16 -2.49	144.06 12.81 -3.98	155.48 13.62 -8.82	189.09 12.67 -39.22	184.78 12.43 -47.73	146.86 13.25 -8.48	145.77 8.79 -50.22	200.82 17.77 -2.88	170.69 10.80 -43.48	151.21 8.28 -41.52
NORTHPORT___2 23552	189.84 13.75 0.00	152.78 11.37 -18.48	146.24 12.36 -7.69	148.26 10.94 -31.28	147.68 10.78 -32.20	148.76 10.94 -27.80	146.88 9.90 -32.94	144.41 11.76 -18.88	162.38 12.12 -27.02	171.04 12.56 -24.41	202.88 14.96 -14.34	205.64 8.67 -80.10	153.32 10.81 -10.20	166.76 6.88 -68.81	161.41 13.16 -2.49	144.06 12.81 -3.98	155.48 13.62 -8.82	189.09 12.67 -39.22	184.78 12.43 -47.73	146.86 13.25 -8.48	145.77 8.79 -50.22	200.82 17.77 -2.88	170.69 10.80 -43.48	151.21 8.28 -41.52
NORTHPORT___3 23553	187.19 11.10 0.00	151.37 9.80 -18.65	144.85 10.91 -7.76	147.32 9.71 -31.57	146.64 9.45 -32.50	147.46 9.38 -28.05	145.69 8.40 -33.24	142.74 10.00 -18.97	160.66 10.21 -27.22	168.98 10.33 -24.58	200.24 12.27 -14.39	204.09 7.13 -80.10	150.77 9.05 -9.41	165.34 5.46 -68.80	158.85 10.57 -2.51	142.24 10.95 -4.02	153.23 11.37 -8.82	186.75 10.18 -39.38	182.91 10.22 -48.07	144.85 11.16 -8.56	144.22 7.23 -50.24	197.35 14.28 -2.90	168.53 8.61 -43.51	149.51 6.58 -41.52
NORTHPORT___4 23650	187.19 11.10 0.00	151.37 9.80 -18.65	144.85 10.91 -7.76	147.32 9.71 -31.57	146.64 9.45 -32.50	147.46 9.38 -28.05	145.69 8.40 -33.24	142.74 10.00 -18.97	160.66 10.21 -27.22	168.98 10.33 -24.58	200.24 12.27 -14.39	204.09 7.13 -80.10	150.77 9.05 -9.41	165.34 5.46 -68.80	158.85 10.57 -2.51	142.24 10.95 -4.02	153.23 11.37 -8.82	186.75 10.18 -39.38	182.91 10.22 -48.07	144.85 11.16 -8.56	144.22 7.23 -50.24	197.35 14.28 -2.90	168.53 8.61 -43.51	149.51 6.58 -41.52
NORTHPORT___IC 23718	189.84 13.76 0.00	152.79 11.38 -18.48	146.24 12.36 -7.69	148.26 10.94 -31.28	147.69 10.79 -32.20	148.75 10.93 -27.80	146.88 9.90 -32.94	144.48 11.82 -18.88	162.38 12.13 -27.02	171.08 12.60 -24.41	202.84 14.91 -14.34	205.61 8.65 -80.10	153.30 10.79 -10.20	166.75 6.87 -68.81	161.44 13.18 -2.49	144.06 12.81 -3.98	155.39 13.53 -8.82	189.10 12.67 -39.22	184.77 12.42 -47.73	146.85 13.24 -8.48	145.77 8.80 -50.22	200.89 17.84 -2.88	170.70 10.80 -43.48	151.21 8.28 -41.52
NORTH___COUNTRY_ESR 323785	175.97 -0.11 0.00	122.67 -0.26 0.00	125.61 -0.58 0.00	105.74 -0.30 0.00	104.44 -0.26 0.00	109.37 -0.65 0.00	103.28 -0.76 0.00	113.26 -0.51 0.00	122.95 -0.28 0.00	134.25 0.17 0.00	173.67 0.09 0.00	115.71 -1.16 0.00	130.48 -1.83 0.00	91.38 0.31 0.00	147.21 1.44 0.00	127.79 0.52 0.00	132.89 -0.16 0.00	137.51 0.31 0.00	124.36 -0.26 0.00	124.65 -0.48 0.00	86.64 -0.11 0.00	179.81 -0.36 0.00	115.37 -1.04 0.00	101.17 -0.24 0.00
NPX_GEN_1385_PROXY 323591	188.00 11.91 0.00	151.47 10.06 -18.48	144.69 10.82 -7.69	147.41 10.09 -31.28	146.99 10.09 -32.20	147.43 9.60 -27.80	144.63 7.64 -32.94	21.31 8.67 101.13	71.94 8.83 60.11	168.48 9.99 -24.41	199.31 11.38 -14.34	202.96 5.99 -80.10	148.75 8.10 -8.34	164.68 4.80 -68.81	159.96 11.70 -2.49	143.00 11.74 -3.98	152.91 11.05 -8.82	102.66 9.06 43.60	182.73 10.38 -47.73	144.33 10.72 -8.48	144.24 7.27 -50.22	198.77 15.72 -2.88	169.02 9.13 -43.48	149.72 6.79 -41.52
NPX_GEN_CSC 323557	194.93 18.84 0.00	156.51 14.84 -18.74	149.80 15.82 -7.80	151.42 13.65 -31.73	150.81 13.45 -32.67	152.30 14.08 -28.20	150.73 13.27 -33.42	148.20 15.40 -19.02	166.37 15.80 -27.34	173.56 14.81 -24.67	205.74 17.74 -14.41	206.94 9.97 -80.10	154.27 11.75 -10.20	168.02 8.14 -68.81	165.22 16.93 -2.53	147.26 15.94 -4.04	158.84 16.97 -8.82	204.04 16.19 -50.66	188.61 15.71 -48.27	150.48 16.75 -8.60	148.16 11.15 -50.26	206.49 23.41 -2.91	174.06 14.12 -43.53	153.58 10.66 -41.52
NSINS_S___GLNS_FALLS 23858	189.39 13.30 0.00	132.36 9.44 0.00	135.79 9.61 0.00	114.05 8.02 0.00	112.74 8.04 0.00	118.78 8.76 0.00	112.98 8.93 0.00	177.78 10.42 -53.59	173.70 11.04 -39.43	205.30 12.13 -59.10	250.82 15.71 -61.52	234.00 9.10 -108.03	154.65 8.58 -13.76	189.41 5.52 -92.82	154.84 9.08 0.00	136.11 8.83 -0.01	154.06 10.08 -10.94	145.46 9.99 1.73	146.04 9.03 -12.39	134.30 9.16 -0.02	154.27 6.21 -61.31	193.06 12.25 -0.63	175.80 7.69 -51.71	160.70 6.05 -53.25
NUCOR_STEEL___DRP 24197	176.52 0.43 0.00	122.61 -0.32 0.00	125.30 -0.89 0.00	105.39 -0.64 0.00	104.37 -0.33 0.00	109.86 -0.16 0.00	103.88 -0.16 0.00	113.75 -0.02 0.00	123.75 0.53 0.01	134.38 0.30 0.00	174.53 0.27 -0.67	129.02 -0.07 -12.23	133.04 -0.71 -1.44	98.88 -0.90 -8.70	144.38 -1.39 0.00	126.46 -0.82 0.00	133.39 -0.71 -1.06	138.06 -0.18 -1.05	130.40 -0.17 -5.95	124.96 -0.16 0.00	97.41 -0.65 -11.31	191.84 -1.60 -13.27	120.84 -0.51 -4.95	105.92 -0.58 -5.09
NUMBER_THREE_WT_PWR 323818	182.58 6.49 0.00	127.45 4.52 0.00	130.69 4.50 0.00	109.26 3.22 0.00	108.13 3.43 0.00	113.70 3.68 0.00	107.84 3.80 0.00	118.30 4.53 0.00	127.42 4.20 0.00	139.65 5.58 0.00	180.56 6.97 0.00	123.80 3.75 -3.18	136.38 3.66 -0.40	96.69 2.92 -2.71	150.10 4.34 0.00	129.13 1.85 0.00	134.14 0.80 -0.29	137.28 0.08 0.00	125.08 0.13 -0.33	124.79 0.00 0.00	88.19 -0.20 -1.64	179.10 -1.09 -0.02	116.57 -1.23 -1.39	101.02 -1.82 -1.43
NYISO_LBMP_REFERENCE 24008	176.09 0.00 0.00	122.93 0.00 0.00	126.18 0.00 0.00	106.03 0.00 0.00	104.70 0.00 0.00	110.02 0.00 0.00	104.04 0.00 0.00	113.77 0.00 0.00	123.23 0.00 0.00	134.07 0.00 0.00	173.58 0.00 0.00	116.87 0.00 0.00	132.31 0.00 0.00	91.07 0.00 0.00	145.76 0.00 0.00	127.28 0.00 0.00	133.05 0.00 0.00	137.20 0.00 0.00	124.62 0.00 0.00	125.13 0.00 0.00	86.75 0.00 0.00	180.17 0.00 0.00	116.41 0.00 0.00	101.41 0.00 0.00

NYPA_BRENTWD____GT 24164	192.71 16.62 0.00	155.20 13.22 -19.05	148.29 14.18 -7.93	150.60 12.31 -32.26	149.99 12.08 -33.21	151.19 12.50 -28.67	149.67 11.65 -33.97	146.73 13.76 -19.19	165.20 14.27 -27.70	173.80 14.75 -24.97	205.91 17.83 -14.50	207.45 10.48 -80.10	155.23 12.72 -10.20	168.19 8.31 -68.81	163.85 15.52 -2.57	146.24 14.86 -4.10	157.89 16.03 -8.82	203.38 15.24 -50.94	188.17 14.64 -48.91	149.33 15.46 -8.74	147.38 10.33 -50.30	203.92 20.79 -2.95	172.66 12.67 -43.58	152.73 9.81 -41.52
NYPA_GOWANUS____GT5 24156	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NYPA_GOWANUS____GT6 24157	198.11 14.21 -7.81	133.67 10.74 0.00	137.47 11.28 0.00	115.54 9.50 0.00	113.91 9.21 0.00	119.82 9.80 0.00	113.66 9.62 0.00	170.41 11.18 -45.45	316.57 12.17 -181.17	441.73 12.74 -294.92	337.28 16.35 -147.34	338.93 10.33 -211.72	337.28 11.65 -193.31	337.28 7.67 -238.54	337.28 13.10 -178.42	337.28 12.60 -197.41	437.02 13.39 -290.59	360.48 13.39 -209.89	338.37 12.20 -201.54	337.30 12.20 -199.97	337.29 8.47 -242.07	412.93 17.65 -215.11	240.59 11.50 -112.69	151.98 9.06 -41.51
NYPA_HARLEM__RVR__GT1 24160	189.11 13.03 0.00	132.79 9.86 0.00	136.64 10.46 0.00	114.74 8.70 0.00	113.15 8.45 0.00	118.90 8.88 0.00	112.81 8.77 0.00	132.51 9.90 -8.83	139.46 10.79 -5.44	151.79 11.27 -6.45	197.55 14.63 -9.34	206.23 9.27 -80.09	153.06 10.55 -10.20	166.74 6.87 -68.80	157.69 11.93 0.01	138.92 11.64 -0.01	154.03 12.17 -8.82	183.16 12.31 -33.66	145.39 11.10 -9.66	135.81 10.67 -0.01	142.27 7.73 -47.80	197.07 16.41 -0.49	167.29 10.57 -40.31	151.24 8.32 -41.51
NYPA_HARLEM__RVR__GT2 24161	189.11 13.03 0.00	132.79 9.86 0.00	136.64 10.46 0.00	114.74 8.70 0.00	113.15 8.45 0.00	118.90 8.88 0.00	112.81 8.77 0.00	132.51 9.90 -8.83	139.46 10.79 -5.44	151.79 11.27 -6.45	197.55 14.63 -9.34	206.23 9.27 -80.09	153.06 10.55 -10.20	166.74 6.87 -68.80	157.69 11.93 0.01	138.92 11.64 -0.01	154.03 12.17 -8.82	183.16 12.31 -33.66	145.39 11.10 -9.66	135.81 10.67 -0.01	142.27 7.73 -47.80	197.07 16.41 -0.49	167.29 10.57 -40.31	151.24 8.32 -41.51
NYPA_KENT____GT 24152	194.66 13.86 -4.71	133.40 10.47 0.00	137.19 11.00 0.00	115.30 9.26 0.00	113.67 8.97 0.00	119.57 9.55 0.00	113.43 9.38 0.00	156.06 10.84 -31.45	246.59 11.73 -111.64	289.42 12.27 -143.08	209.60 15.83 -20.19	227.58 9.96 -100.75	161.53 11.26 -17.96	180.68 7.40 -82.21	176.31 12.66 -17.88	215.52 12.20 -76.05	287.77 12.95 -141.77	290.16 12.97 -139.99	261.80 11.76 -125.42	254.27 11.74 -117.40	243.62 8.18 -148.68	259.62 17.13 -62.31	211.59 11.20 -83.98	151.78 8.86 -41.51
NYPA_POUCH1____GT 24155	197.85 13.95 -7.81	133.49 10.55 0.00	137.25 11.06 0.00	115.41 9.37 0.00	113.76 9.06 0.00	119.67 9.64 0.00	113.49 9.45 0.00	170.19 10.96 -45.45	316.35 11.94 -181.17	371.58 12.49 -225.01	201.65 15.98 -12.09	228.90 10.04 -101.99	145.15 11.37 -1.48	170.87 12.77 -72.32	169.32 12.77 -10.78	256.58 12.33 -116.97	367.61 13.19 -221.37	360.32 13.24 -209.89	338.12 11.99 -201.51	330.99 11.98 -193.88	306.64 8.32 -211.57	286.18 17.27 -88.73	240.34 11.24 -112.69	151.77 8.85 -41.51
NYPA_VERNON____GT2 24162	191.14 13.43 -1.62	133.10 10.17 0.00	136.95 10.76 0.00	115.03 9.00 0.00	113.45 8.75 0.00	119.32 9.30 0.00	113.19 9.14 0.00	141.83 10.61 -17.45	176.79 11.46 -42.10	199.71 11.97 -53.67	202.91 15.49 -13.84	214.38 9.71 -87.80	157.27 10.99 -13.96	172.62 7.20 -74.35	165.23 12.37 -7.09	165.76 11.95 -26.53	200.46 12.64 -54.78	219.95 12.66 -70.10	185.40 11.45 -49.33	176.84 11.44 -40.28	177.30 8.00 -82.55	219.31 16.73 -22.40	182.63 10.94 -55.28	151.56 8.64 -41.51
NYPA_VERNON____GT3 24163	191.14 13.43 -1.62	133.10 10.17 0.00	136.95 10.76 0.00	115.03 9.00 0.00	113.45 8.75 0.00	119.32 9.30 0.00	113.19 9.14 0.00	141.83 10.61 -17.45	176.79 11.46 -42.10	199.71 11.97 -53.67	202.91 15.49 -13.84	214.38 9.71 -87.80	157.27 10.99 -13.96	172.62 7.20 -74.35	165.23 12.37 -7.09	165.76 11.95 -26.53	200.46 12.64 -54.78	219.95 12.66 -70.10	185.40 11.45 -49.33	176.84 11.44 -40.28	177.30 8.00 -82.55	219.31 16.73 -22.40	182.63 10.94 -55.28	151.56 8.64 -41.51
NYPA__ASTORIA_CC1 323568	189.27 13.18 0.00	132.93 9.99 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.21 8.51 0.00	119.09 9.07 0.00	112.98 8.94 0.00	134.03 10.37 -9.88	140.23 11.23 -5.76	152.24 11.71 -6.45	198.05 15.12 -9.35	206.45 9.49 -80.09	153.26 10.75 -10.20	166.88 7.01 -68.80	157.80 12.04 0.01	139.00 11.71 -0.01	154.22 12.35 -8.82	183.22 12.37 -33.66	145.53 11.25 -9.66	136.34 11.20 -0.01	142.39 7.84 -47.80	197.00 16.33 -0.49	167.47 10.75 -40.31	151.42 8.50 -41.51
NYPA__ASTORIA_CC2 323569	189.27 13.18 0.00	132.93 9.99 0.00	136.73 10.54 0.00	114.82 8.79 0.00	113.26 8.56 0.00	119.19 9.17 0.00	113.05 9.00 0.00	134.10 10.44 -9.88	140.31 11.32 -5.76	152.30 11.78 -6.45	198.02 15.09 -9.35	206.45 9.49 -80.09	153.24 10.73 -10.20	166.89 7.02 -68.80	157.81 12.05 0.01	138.97 11.68 -0.01	154.21 12.34 -8.82	183.21 12.35 -33.66	145.50 11.21 -9.66	136.35 11.21 -0.01	142.39 7.84 -47.80	197.00 16.33 -0.49	167.47 10.75 -40.31	151.42 8.50 -41.51
NYPA__HOLTSVILL 23794	192.07 15.98 0.00	154.44 12.80 -18.71	147.73 13.76 -7.79	149.69 11.97 -31.68	149.05 11.74 -32.61	150.33 12.15 -28.16	148.76 11.35 -33.36	146.16 13.38 -19.01	164.27 13.74 -27.30	172.56 13.84 -24.64	204.58 16.59 -14.40	206.38 9.42 -80.10	154.05 11.54 -10.20	167.60 7.72 -68.81	163.17 14.89 -2.52	145.55 14.25 -4.03	157.24 15.38 -8.82	202.18 14.35 -50.63	186.69 13.86 -48.21	148.66 14.94 -8.59	146.93 9.92 -50.25	203.28 20.20 -2.91	172.19 12.25 -43.52	152.28 9.35 -41.52
NYPA__HELLGATE_GT1 24158	189.11 13.03 0.00	132.79 9.86 0.00	136.64 10.46 0.00	114.74 8.70 0.00	113.15 8.45 0.00	118.90 8.88 0.00	112.81 8.77 0.00	132.51 9.90 -8.83	139.46 10.79 -5.44	151.79 11.27 -6.45	197.55 14.63 -9.34	206.23 9.27 -80.09	153.06 10.55 -10.20	166.74 6.87 -68.80	157.69 11.93 0.01	138.92 11.64 -0.01	154.03 12.17 -8.82	183.16 12.31 -33.66	145.40 11.11 -9.66	135.81 10.67 -0.01	142.27 7.73 -47.80	197.07 16.41 -0.49	167.29 10.57 -40.31	151.24 8.32 -41.51
NYPA__HELLGATE_GT2 24159	189.11 13.03 0.00	132.79 9.86 0.00	136.64 10.46 0.00	114.74 8.70 0.00	113.15 8.45 0.00	118.90 8.88 0.00	112.81 8.77 0.00	132.51 9.90 -8.83	139.46 10.79 -5.44	151.79 11.27 -6.45	197.55 14.63 -9.34	206.23 9.27 -80.09	153.06 10.55 -10.20	166.74 6.87 -68.80	157.69 11.93 0.01	138.92 11.64 -0.01	154.03 12.17 -8.82	183.16 12.31 -33.66	145.40 11.11 -9.66	135.81 10.67 -0.01	142.27 7.73 -47.80	197.07 16.41 -0.49	167.29 10.57 -40.31	151.24 8.32 -41.51
NYS_BARGE__HYD 23848	157.03 -19.06 0.00	108.63 -14.30 0.00	111.82 -14.37 0.00	93.98 -12.05 0.00	93.52 -11.18 0.00	98.01 -12.01 0.00	91.70 -12.34 0.00	88.55 -15.50 9.72	101.12 -17.06 5.04	115.06 -19.07 -0.06	147.60 -25.85 0.13	108.72 -17.28 -9.13	113.79 -19.75 -1.22	88.69 -13.06 -10.68	123.57 -22.04 0.15	108.08 -19.20 -0.01	104.74 -20.91 7.39	125.05 -20.72 -8.57	177.26 -19.25 -71.89	155.10 -19.21 -49.18	89.01 -13.51 -15.77	137.83 -27.70 14.65	105.71 -16.83 -6.13	95.29 -12.43 -6.31

OAK ORCHARD___HYD 24046	166.19 -9.90 0.00	115.31 -7.62 0.00	118.56 -7.62 0.00	99.65 -6.38 0.00	98.86 -5.84 0.00	103.86 -6.16 0.00	97.92 -6.12 0.00	106.17 -7.74 -0.14	114.78 -8.51 -0.06	124.55 -9.54 -0.02	159.18 -12.97 1.43	114.14 -8.77 -6.04	123.18 -10.16 -1.03	93.37 -6.62 -8.92	134.60 -11.18 -0.02	117.52 -9.76 0.00	124.59 -10.55 -2.10	128.69 -10.41 -1.90	115.65 -9.78 -0.80	120.97 -9.82 -5.66	77.01 -6.97 2.77	140.43 -14.51 25.23	112.42 -9.03 -5.04	99.64 -6.97 -5.20
OAKDALE___35_KV_LOAD 356122	175.50 -0.59 0.00	122.27 -0.66 0.00	125.65 -0.53 0.00	105.27 -0.77 0.00	104.27 -0.42 0.00	109.58 -0.44 0.00	103.55 -0.49 0.00	116.86 -0.49 -3.58	124.93 -0.51 -2.21	135.93 -0.94 -2.80	176.50 -1.15 -4.06	142.90 -1.12 -27.15	134.32 -1.39 -3.40	113.05 -0.92 -22.90	144.13 -1.58 0.05	126.07 -1.21 0.00	131.87 -1.47 -0.30	138.66 -1.40 -2.86	128.12 -1.17 -4.67	123.92 -1.21 0.00	103.11 -0.87 -17.22	183.27 -1.35 -4.45	128.60 -0.84 -13.03	114.04 -0.79 -13.42
OCC_CHEM___DRP 24175	155.34 -20.75 0.00	107.29 -15.64 0.00	110.50 -15.68 0.00	92.91 -13.12 0.00	92.40 -12.30 0.00	96.77 -13.25 0.00	90.40 -13.64 0.00	85.07 -16.80 11.91	98.46 -18.60 6.17	112.94 -21.12 0.01	145.12 -28.37 0.09	106.64 -18.94 -8.71	111.85 -21.66 -1.20	87.68 -14.31 -10.91	121.41 -24.13 0.22	106.33 -20.94 0.00	100.03 -22.43 10.59	115.74 -22.81 -1.35	99.56 -21.17 3.89	104.01 -21.12 0.00	73.26 -14.77 -1.29	134.88 -30.39 14.90	104.23 -18.48 -6.30	94.10 -13.80 -6.48
OH_GEN_PROXY 24063	157.43 -18.66 0.00	108.86 -14.07 0.00	112.10 -14.08 0.00	94.21 -11.82 0.00	93.65 -11.04 0.00	98.08 -11.94 0.00	91.77 -12.27 0.00	88.41 -15.36 10.00	101.04 -16.99 5.20	115.00 -19.03 0.04	147.79 -25.63 0.16	107.92 -17.12 -8.17	113.90 -19.56 -1.15	88.93 -12.91 -10.76	123.83 -21.69 0.25	108.32 -18.95 0.00	100.45 -20.67 11.93	116.45 -20.58 0.17	85.65 -19.08 19.89	95.94 -19.02 10.17	71.22 -13.35 2.18	137.19 -27.18 15.80	106.04 -16.60 -6.23	95.37 -12.45 -6.41
OLIN_CORP_DRP 24177	155.02 -21.07 0.00	107.28 -15.66 0.00	110.47 -15.71 0.00	92.89 -13.14 0.00	92.43 -12.27 0.00	96.85 -13.17 0.00	90.45 -13.59 0.00	84.53 -17.42 11.82	98.30 -18.81 6.12	113.01 -21.08 -0.02	145.24 -28.31 0.04	107.16 -18.90 -9.19	111.94 -21.62 -1.25	87.84 -14.27 -11.04	121.48 -24.08 0.20	106.43 -20.85 0.00	101.21 -22.39 9.44	117.77 -22.74 -3.31	120.30 -21.05 -16.73	117.34 -21.01 -13.22	77.61 -14.70 -5.56	135.59 -30.37 14.22	104.40 -18.37 -6.36	94.42 -13.54 -6.55
OLIN_CORP_DSASP 323712	155.31 -20.78 0.00	107.30 -15.63 0.00	110.50 -15.69 0.00	92.92 -13.12 0.00	92.40 -12.29 0.00	96.78 -13.24 0.00	90.44 -13.60 0.00	85.40 -16.46 11.91	98.46 -18.60 6.17	113.03 -21.03 0.01	145.16 -28.34 0.09	106.65 -18.93 -8.71	111.86 -21.65 -1.20	87.68 -14.31 -10.91	121.47 -24.07 0.22	106.27 -22.87 0.00	99.59 -22.83 10.59	115.72 -22.83 -1.35	99.53 -21.20 3.89	103.97 -21.16 0.00	73.21 -14.83 -1.29	134.95 -30.31 14.90	104.26 -18.45 -6.30	94.10 -13.79 -6.48
ONEIDA_HERK_LFGE 323681	182.46 6.37 0.00	127.38 4.45 0.00	130.71 4.52 0.00	109.57 3.54 0.00	108.40 3.70 0.00	114.09 4.07 0.00	108.17 4.13 0.00	118.57 4.80 0.00	128.15 4.92 0.00	139.83 5.75 0.00	180.95 7.36 0.00	123.87 4.36 -2.65	137.23 4.58 -0.34	96.69 3.36 -2.26	151.08 5.32 0.00	131.18 3.90 0.00	136.93 3.64 -0.25	140.50 3.30 0.00	127.92 3.01 -0.29	127.95 2.83 0.00	90.08 1.91 -1.43	183.73 3.55 -0.02	119.62 2.01 -1.20	103.84 1.20 -1.24
ONEIDA___115KV_TB4 55905	182.16 6.07 0.00	127.21 4.28 0.00	130.63 4.44 0.00	109.52 3.48 0.00	108.49 3.79 0.00	114.23 4.21 0.00	108.30 4.25 0.00	118.58 4.81 0.00	128.35 5.12 0.00	139.60 5.53 0.00	180.75 7.16 0.00	126.11 4.40 -4.84	137.64 4.71 -0.62	98.65 3.43 -4.15	151.28 5.52 0.00	131.92 4.65 0.00	138.26 4.73 -0.48	141.50 4.30 0.00	129.06 3.89 -0.55	128.88 3.76 0.00	91.95 2.46 -2.75	185.12 4.92 -0.03	121.82 3.09 -2.32	105.95 2.15 -2.39
ONONDAGA_REF_OCCRA 23987	174.31 -1.78 0.00	121.56 -1.37 0.00	124.91 -1.27 0.00	104.74 -1.29 0.00	103.65 -1.04 0.00	109.07 -0.96 0.00	103.22 -0.83 0.00	112.76 -1.01 0.00	122.15 -1.08 0.00	132.63 -1.44 0.00	171.94 -1.89 -0.24	125.25 -1.49 -9.87	131.71 -1.82 -1.22	97.75 -1.17 -7.85	143.75 -2.02 0.00	125.63 -1.64 0.00	132.34 -1.66 -0.95	136.44 -1.69 -0.93	125.71 -1.53 -2.62	123.56 -1.57 0.00	92.59 -1.20 -7.05	181.91 -2.62 -4.36	119.13 -1.73 -4.45	104.41 -1.58 -4.58
ONONDAGA___COGEN 23986	174.05 -2.04 0.00	121.33 -1.60 0.00	124.59 -1.60 0.00	104.47 -1.56 0.00	103.33 -1.36 0.00	108.69 -1.34 0.00	102.88 -1.17 0.00	112.43 -1.35 0.00	121.81 -1.42 0.00	132.15 -1.93 0.00	171.49 -2.57 -0.47	124.90 -1.93 -9.96	131.11 -2.39 -1.18	96.74 -1.62 -7.29	143.16 -2.60 0.00	125.24 -2.04 0.00	131.95 -1.99 -0.89	136.14 -1.92 -0.86	126.95 -1.74 -4.07	123.35 -1.78 0.00	93.75 -1.42 -8.42	185.67 -3.09 -8.59	118.60 -1.94 -4.13	103.94 -1.73 -4.26
ONTARIO___LFGE 23819	172.03 -4.06 0.00	119.57 -3.36 0.00	122.50 -3.68 0.00	102.81 -3.23 0.00	102.09 -2.61 0.00	107.26 -2.76 0.00	101.43 -2.62 0.00	120.81 -3.32 -10.36	125.26 -3.12 -5.15	130.59 -3.68 -0.19	177.90 -4.76 -9.08	151.19 -3.14 -37.47	131.80 -3.80 -3.29	98.83 -2.71 -10.46	140.46 -5.29 0.01	122.61 -4.66 0.00	129.13 -4.77 -0.85	134.00 -4.46 -1.27	171.83 -4.14 -51.35	120.99 -4.14 0.00	147.93 -2.97 -64.15	312.13 -6.56 -138.52	118.28 -4.07 -5.94	104.17 -3.35 -6.12
ORANGEVILLE_WT_PWR 323706	162.55 -13.54 0.00	112.48 -10.45 0.00	115.81 -10.37 0.00	96.95 -9.08 0.00	96.31 -8.38 0.00	100.66 -9.36 0.00	94.70 -9.35 0.00	48.36 -12.11 53.31	82.80 -13.23 27.20	119.51 -14.66 -0.10	155.03 -19.36 -0.80	118.55 -11.95 -13.63	120.46 -13.58 -1.73	94.98 -9.28 -13.18	128.94 -16.66 0.16	112.32 -14.95 0.00	110.90 -14.96 7.19	124.28 -14.54 -1.63	111.45 -13.41 -0.24	111.78 -13.34 0.00	84.64 -9.28 -7.17	157.13 -18.78 4.26	112.51 -11.45 -7.56	100.65 -8.55 -7.78
ORANGEVILLE___ESR 323794	162.55 -13.54 0.00	112.48 -10.45 0.00	115.81 -10.37 0.00	96.95 -9.08 0.00	96.31 -8.38 0.00	100.66 -9.36 0.00	94.70 -9.35 0.00	48.36 -12.11 53.31	82.80 -13.23 27.20	119.51 -14.66 -0.10	155.03 -19.36 -0.80	118.55 -11.95 -13.63	120.46 -13.58 -1.73	94.98 -9.28 -13.18	128.94 -16.66 0.16	112.32 -14.95 0.00	110.90 -14.96 7.19	124.28 -14.54 -1.63	111.45 -13.41 -0.24	111.78 -13.34 0.00	84.64 -9.28 -7.17	157.13 -18.78 4.26	112.51 -11.45 -7.56	100.65 -8.55 -7.78
OSWEGATCHIE___HYD 24044	177.88 1.78 0.00	124.05 1.12 0.00	127.18 0.99 0.00	106.39 0.35 0.00	105.17 0.47 0.00	110.37 0.35 0.00	104.03 -0.01 0.00	113.97 0.20 0.00	121.98 -1.25 0.00	133.48 -0.60 0.00	172.57 -1.02 0.00	117.37 -1.71 -2.22	130.09 -2.50 -0.28	92.10 -0.81 -1.84	145.08 -0.69 0.00	126.01 -1.26 0.00	131.17 -2.09 -0.21	135.02 -2.17 0.00	122.70 -2.17 -0.24	122.58 -2.54 0.00	86.19 -1.76 -1.21	176.60 -3.58 -0.01	114.94 -2.49 -1.02	100.32 -2.15 -1.05
OSWEGO___5 23606	170.53 -5.56 0.00	118.90 -4.02 0.00	122.10 -4.09 0.00	102.53 -3.51 0.00	101.37 -3.33 0.00	106.57 -3.46 0.00	100.80 -3.24 0.00	110.12 -3.65 0.00	119.28 -3.95 0.00	129.66 -4.42 0.00	167.79 -5.80 0.00	118.81 -4.04 -5.99	128.38 -4.69 -0.76	93.03 -3.18 -5.15	140.58 -5.19 0.00	122.84 -4.43 0.00	129.01 -4.64 -0.61	132.45 -4.75 0.00	120.99 -4.33 -0.70	120.78 -4.35 0.00	87.11 -3.09 -3.46	173.76 -6.44 -0.04	115.18 -4.15 -2.91	100.85 -3.57 -3.00

OSWEGO___6 23613	170.53 -5.56 0.00	118.90 -4.02 0.00	122.10 -4.09 0.00	102.53 -3.51 0.00	101.37 -3.33 0.00	106.57 -3.46 0.00	100.80 -3.24 0.00	110.12 -3.65 0.00	119.28 -3.95 0.00	129.66 -4.42 0.00	167.79 -5.80 0.00	118.81 -4.04 -5.99	128.38 -4.69 -0.76	93.03 -3.18 -5.15	140.58 -5.19 0.00	122.84 -4.43 0.00	129.01 -4.64 -0.61	132.45 -4.75 0.00	120.99 -4.33 -0.70	120.78 -4.35 0.00	87.11 -3.09 -3.46	173.76 -6.44 -0.04	115.18 -4.15 -2.91	100.85 -3.57 -3.00
OUTOKUMPU-AB___DRP 24206	158.80 -17.28 0.00	109.72 -13.21 0.00	112.94 -13.24 0.00	94.88 -11.16 0.00	94.43 -10.26 0.00	98.90 -11.12 0.00	92.57 -11.47 0.00	86.91 -14.45 12.41	101.03 -15.78 6.42	116.25 -17.85 -0.03	149.40 -24.17 0.01	110.18 -16.10 -9.41	115.16 -18.42 -1.27	90.06 -12.14 -11.13	124.94 -20.63 0.19	109.23 -18.05 0.00	104.60 -19.30 9.15	121.44 -19.46 -3.69	127.33 -18.03 -20.74	122.90 -17.95 -15.72	80.70 -12.57 -6.53	140.53 -25.84 13.80	107.02 -15.80 -6.41	96.45 -11.56 -6.60
OXBOW___BTM 323836	157.43 -18.66 0.00	108.75 -14.18 0.00	111.97 -14.21 0.00	94.10 -11.93 0.00	93.62 -11.07 0.00	98.06 -11.96 0.00	91.73 -12.31 0.00	86.55 -15.04 12.18	100.05 -16.88 6.30	115.01 -19.07 -0.01	147.70 -25.83 0.05	108.66 -17.27 -9.06	113.82 -19.73 -1.24	89.09 -13.00 -11.02	123.58 -21.98 0.21	108.04 -19.23 0.00	102.22 -20.96 9.86	118.85 -20.78 -2.43	112.82 -19.32 -7.52	113.13 -19.28 -7.28	76.95 -13.53 -3.73	138.17 -27.63 14.37	105.92 -16.84 -6.35	95.48 -12.47 -6.54
OXBOW____ 24026	157.44 -18.65 0.00	108.75 -14.18 0.00	111.98 -14.20 0.00	94.11 -11.93 0.00	93.62 -11.08 0.00	98.06 -11.96 0.00	91.73 -12.31 0.00	86.22 -15.38 12.18	100.02 -16.91 6.30	114.90 -19.19 -0.01	147.71 -25.83 0.05	108.67 -17.25 -9.06	113.82 -19.74 -1.24	89.10 -12.99 -11.02	123.52 -22.04 0.21	108.07 -19.20 0.00	102.62 -20.56 9.86	118.84 -20.79 -2.43	112.84 -19.30 -7.52	113.20 -19.21 -7.29	77.01 -13.47 -3.73	138.09 -27.71 14.37	105.87 -16.89 -6.35	95.48 -12.47 -6.54
OXY_CHEM_DSASP 323612	155.34 -20.75 0.00	107.29 -15.64 0.00	110.50 -15.68 0.00	92.91 -13.12 0.00	92.40 -12.30 0.00	96.77 -13.25 0.00	90.40 -13.64 0.00	85.07 -16.80 11.91	98.46 -18.60 6.17	112.94 -21.12 0.01	145.12 -28.37 0.09	106.64 -18.94 -8.71	111.85 -21.66 -1.20	87.68 -14.31 -10.91	121.41 -24.13 0.22	106.33 -20.94 0.00	100.03 -22.43 10.59	115.74 -22.81 -1.35	99.56 -21.17 3.89	104.01 -21.12 0.00	73.26 -14.77 -1.29	134.88 -30.39 14.90	104.23 -18.48 -6.30	94.10 -13.80 -6.48
OZONE_PARK_ESR 323760	190.94 14.85 0.00	134.07 11.14 0.00	137.92 11.73 0.00	115.83 9.79 0.00	114.23 9.53 0.00	120.15 10.13 0.00	113.91 9.86 0.00	134.04 12.33 -8.83	140.99 12.98 -5.43	153.50 16.97 -6.44	199.90 10.69 -9.35	207.65 12.02 -80.09	154.53 13.77 -10.20	167.77 7.90 -68.80	159.23 13.47 0.01	140.11 12.82 -0.01	155.63 13.88 -8.82	184.73 12.49 -33.65	146.77 12.51 -9.66	137.65 12.51 -0.01	143.21 8.66 -47.80	198.96 18.30 -0.49	168.50 11.77 -40.31	152.25 9.33 -41.51
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	155.34 -20.75 0.00	107.29 -15.64 0.00	110.50 -15.68 0.00	92.91 -13.12 0.00	92.40 -12.30 0.00	96.77 -13.25 0.00	90.40 -13.64 0.00	85.07 -16.80 11.91	98.46 -18.60 6.17	112.94 -21.12 0.01	145.12 -28.37 0.09	106.64 -18.94 -8.71	111.85 -21.66 -1.20	87.68 -14.31 -10.91	121.41 -24.13 0.22	106.33 -20.94 0.00	100.03 -22.43 10.59	115.74 -22.81 -1.35	99.56 -21.17 3.89	104.01 -21.12 0.00	73.26 -14.77 -1.29	134.88 -30.39 14.90	104.23 -18.48 -6.30	94.10 -13.80 -6.48
PACKARD__I15KV_DUPONT_I84 80571	155.34 -20.75 0.00	107.29 -15.64 0.00	110.50 -15.68 0.00	92.91 -13.12 0.00	92.40 -12.30 0.00	96.77 -13.25 0.00	90.40 -13.64 0.00	85.07 -16.80 11.91	98.46 -18.60 6.17	112.94 -21.12 0.01	145.12 -28.37 0.09	106.64 -18.94 -8.71	111.85 -21.66 -1.20	87.68 -14.31 -10.91	121.41 -24.13 0.22	106.33 -20.94 0.00	100.03 -22.43 10.59	115.74 -22.81 -1.35	99.56 -21.17 3.89	104.01 -21.12 0.00	73.26 -14.77 -1.29	134.88 -30.39 14.90	104.23 -18.48 -6.30	94.10 -13.80 -6.48
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	188.59 12.50 0.00	132.43 9.50 0.00	136.26 10.08 0.00	114.41 8.37 0.00	112.84 8.14 0.00	118.65 8.63 0.00	112.58 8.53 0.00	132.46 9.85 -8.83	139.28 10.62 -5.44	151.71 11.19 -6.45	197.37 14.43 -9.35	206.14 9.18 -80.09	152.88 10.37 -10.20	166.68 6.80 -68.80	157.55 11.79 0.01	138.74 11.45 -0.01	153.86 12.00 -8.82	183.09 12.24 -33.66	145.27 10.98 -9.66	135.86 10.72 -0.01	142.21 7.66 -47.80	196.73 16.06 -0.49	167.07 10.34 -40.31	151.05 8.13 -41.51
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	189.80 13.71 0.00	133.18 10.25 0.00	137.07 10.88 0.00	115.09 9.05 0.00	113.51 8.81 0.00	119.37 9.34 0.00	113.29 9.24 0.00	133.27 10.66 -8.83	140.02 11.36 -5.44	152.50 11.98 -6.45	198.26 15.33 -9.35	206.78 9.82 -80.09	153.57 11.06 -10.20	167.25 7.38 -68.80	158.37 12.62 0.01	139.54 12.25 -0.01	154.72 12.86 -8.82	183.85 13.00 -33.66	145.98 11.70 -9.66	136.53 11.39 -0.01	142.56 8.01 -47.80	197.56 16.89 -0.49	167.41 10.69 -40.31	151.33 8.41 -41.51
PATROON__I15KV_TB1 80586	184.43 8.34 0.00	128.81 5.87 0.00	132.31 6.12 0.00	111.22 5.18 0.00	109.70 5.00 0.00	115.31 5.29 0.00	109.34 5.30 0.00	156.92 5.72 -37.43	156.36 6.15 -26.98	180.51 6.75 -39.69	225.02 8.84 -42.60	228.05 5.40 -105.79	151.73 5.94 -13.47	186.07 4.11 -90.89	152.34 6.58 0.00	132.26 4.98 -0.01	149.42 5.68 -10.70	140.42 5.30 2.08	141.85 5.11 -12.12	130.43 5.28 -0.02	150.33 3.65 -59.93	188.37 7.58 -0.62	171.89 4.94 -50.55	158.66 5.20 -52.05
PATTRSNVILLE__SOLAR 323815	183.93 7.84 0.00	128.49 5.56 0.00	131.88 5.70 0.00	110.82 4.79 0.00	109.44 4.75 0.00	115.13 5.11 0.00	109.06 5.02 0.00	175.96 5.58 -56.60	170.99 5.98 -41.77	203.18 6.32 -62.79	246.67 8.02 -65.07	232.50 4.70 -110.93	151.10 4.67 -14.12	189.60 3.19 -95.33	151.42 5.65 0.00	133.01 5.72 -0.01	150.63 6.45 -11.14	141.67 6.62 2.15	143.53 6.17 -12.74	131.31 6.17 -0.02	154.03 4.26 -63.02	189.60 8.78 -0.65	175.06 5.50 -53.15	160.69 4.55 -54.73
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	164.39 -11.70 0.00	113.64 -9.29 0.00	116.93 -9.26 0.00	98.05 -7.98 0.00	97.55 -7.14 0.00	102.18 -7.84 0.00	95.84 -8.21 0.00	90.20 -10.50 13.07	104.82 -11.64 6.77	120.79 -13.33 -0.05	155.91 -17.97 -0.29	115.88 -12.10 -11.11	120.09 -13.70 -1.47	94.21 -9.03 -12.17	130.30 -15.28 0.19	113.74 -13.54 0.00	109.79 -14.43 8.83	125.09 -14.15 -2.04	114.97 -12.94 -3.28	116.01 -12.72 -3.60	82.66 -8.95 -4.86	151.48 -17.86 10.84	112.74 -10.67 -7.00	101.06 -7.56 -7.21
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	191.28 15.19 0.00	134.07 11.14 0.00	137.82 11.64 0.00	115.79 9.76 0.00	114.32 9.62 0.00	120.31 10.29 0.00	114.11 10.06 0.00	134.42 11.54 -9.11	141.22 12.39 -5.59	153.90 13.08 -6.75	200.10 16.85 -9.67	208.05 10.42 -80.76	154.19 11.60 -10.28	168.28 7.79 -69.42	158.92 13.16 0.01	139.82 12.54 -0.01	155.73 13.80 -8.89	184.74 14.12 -33.42	146.93 12.56 -9.74	137.81 12.67 -0.01	143.69 8.75 -48.19	198.56 17.89 -0.50	168.42 11.37 -40.64	152.30 9.04 -41.85
PEEKSKILL____ 23653	187.26 11.17 0.00	131.38 8.45 0.00	135.10 8.92 0.00	113.50 7.47 0.00	111.95 7.25 0.00	117.73 7.71 0.00	111.57 7.53 0.00	131.10 8.58 -8.75	137.83 9.23 -5.37	150.15 9.70 -6.38	195.50 12.66 -9.26	203.95 7.81 -79.28	151.12 8.71 -10.09	164.92 5.75 -68.09	155.71 5.95 0.01	137.01 9.73 -0.01	152.49 10.73 -8.71	181.06 10.78 -33.09	143.81 9.63 -9.56	134.89 9.75 -0.01	140.83 6.79 -47.29	194.65 13.99 -0.49	165.25 8.96 -39.89	149.53 7.04 -41.07

PGE MADISON___WINDPWR 24146	197.47 21.38 0.00	136.94 14.01 0.00	140.51 14.32 0.00	117.34 11.30 0.00	116.52 11.83 0.00	121.82 11.80 0.00	114.73 10.68 0.00	130.89 12.51 -4.60	139.87 13.66 -2.98	151.12 13.07 -3.98	194.63 15.80 -5.24	153.92 10.78 -26.28	148.40 12.79 -3.30	121.20 8.04 -22.09	157.20 11.46 0.03	136.79 9.51 0.00	143.12 8.72 -1.36	148.95 8.98 -2.77	136.00 6.86 -4.52	131.54 6.41 0.00	107.77 4.41 -16.61	193.59 9.09 -4.33	135.35 6.38 -12.56	121.59 7.24 -12.93
PIERCEFIELD___HYD 23852	174.77 -1.32 0.00	121.82 -1.11 0.00	124.84 -1.35 0.00	104.90 -1.13 0.00	103.54 -1.16 0.00	108.34 -1.68 0.00	101.67 -2.37 0.00	111.38 -2.39 0.00	120.49 -2.74 0.00	131.76 -2.31 0.00	170.34 -3.25 0.00	115.15 -3.30 -1.58	128.34 -4.17 -0.20	90.66 -1.58 -1.17	143.78 -1.98 0.00	124.63 -2.65 0.00	129.65 -3.39 0.00	134.42 -2.78 0.00	121.65 -2.97 0.00	121.82 -3.30 0.00	84.53 -2.22 0.00	176.02 -4.15 0.00	114.03 -2.37 0.00	99.94 -1.47 0.00
PINELAWN_CC_1 323563	191.30 15.21 0.00	155.83 12.24 -20.66	147.86 13.08 -8.60	152.29 11.27 -34.99	151.73 11.02 -36.01	152.51 11.39 -31.09	151.61 10.72 -36.84	146.57 12.73 -20.07	166.11 13.30 -29.58	174.37 13.76 -26.54	205.27 16.75 -14.93	206.87 9.90 -80.10	154.33 11.82 -10.20	167.56 7.68 -68.81	162.72 14.17 -2.79	145.29 13.56 -4.45	156.58 14.71 -8.82	203.83 14.23 -52.40	190.41 13.56 -52.23	148.78 14.17 -9.48	146.70 9.44 -50.51	202.44 19.11 -3.16	172.00 11.74 -43.86	151.99 9.06 -41.52
PJM_GEN_HTP_PROXY 323702	189.26 13.17 0.00	132.55 9.98 0.36	136.75 10.56 0.00	114.89 8.85 0.00	113.32 8.62 0.00	119.20 9.17 0.00	112.96 8.92 0.00	133.02 10.42 -8.83	139.96 11.30 -5.43	152.46 11.94 -6.44	198.37 15.79 -8.99	206.70 9.75 -80.08	153.48 10.97 -10.19	162.34 7.21 -64.06	158.08 12.33 0.01	139.13 11.85 -0.01	154.56 12.70 -8.81	183.50 12.65 -33.65	145.62 11.34 -9.66	136.49 11.35 -0.01	134.21 7.85 -39.61	197.16 16.50 -0.49	166.67 10.63 -39.63	151.30 8.39 -41.51
PJM_GEN_KEystone 24065	52.69 -0.93 122.47	50.06 -0.68 72.19	41.62 -0.42 84.14	27.07 -0.63 78.33	52.41 -0.38 51.90	32.07 -0.45 77.50	32.29 -0.68 71.08	56.38 -0.81 56.59	7.26 -1.09 114.88	-21.56 -1.71 153.93	0.97 -2.18 170.43	-14.90 -1.93 129.84	-46.81 -2.17 176.95	69.46 -1.48 20.13	43.95 -2.15 99.66	11.90 -1.46 113.91	32.61 -1.65 98.78	-7.29 -1.46 143.04	-7.87 -1.41 131.08	0.51 -1.23 123.39	1.80 -0.89 84.06	42.29 -1.23 136.66	15.31 -0.44 100.66	22.55 -0.47 78.39
PJM_GEN_NEPTUNE_PROXY 323594	189.03 12.94 0.00	150.70 10.69 -17.08	144.88 11.44 -7.25	145.44 9.88 -29.52	144.68 9.59 -30.39	146.18 9.92 -26.23	144.44 9.31 -31.09	143.10 11.01 -18.31	160.57 11.53 -25.81	169.47 12.00 -23.40	201.97 14.69 -13.71	205.85 8.88 -80.10	153.05 10.54 -10.20	161.95 6.81 -64.07	160.51 12.40 -2.35	142.64 11.61 -3.76	154.43 12.56 -8.82	198.72 12.05 -49.47	181.64 11.44 -45.58	145.04 11.91 -8.00	136.64 7.98 -41.91	198.97 16.06 -2.74	169.01 9.97 -42.63	150.60 7.67 -41.52
PJM_GEN_VFT_PROXY 323633	187.01 11.67 0.75	131.59 9.02 0.36	135.72 9.54 0.00	113.98 7.94 0.00	112.38 7.69 0.00	118.16 8.14 0.00	111.54 7.94 0.44	127.22 9.19 -4.26	121.05 9.80 11.98	129.25 10.23 15.06	187.96 13.45 -0.93	125.84 8.34 -0.63	116.01 9.35 25.66	111.28 6.08 -14.12	113.93 10.54 42.38	123.51 10.32 14.09	130.31 11.07 13.80	161.64 11.03 -13.42	116.40 9.85 18.07	111.01 9.86 23.98	108.91 6.89 -15.27	143.15 14.65 51.67	122.70 9.45 3.16	135.88 7.34 -27.13
PLATSBURG_115KV_PMLD1 355749	177.13 1.05 0.00	123.52 0.59 0.00	126.48 0.29 0.00	106.48 0.45 0.00	105.23 0.53 0.00	110.15 0.13 0.00	104.19 0.15 0.00	114.44 0.67 0.00	124.12 0.89 0.00	135.64 1.57 0.00	175.55 1.97 0.00	116.69 -0.18 0.00	131.82 -0.49 0.00	92.33 1.26 0.00	148.80 3.04 0.00	129.39 2.11 0.00	134.27 1.23 0.00	138.80 1.60 0.00	125.75 1.13 0.00	126.06 0.93 0.00	87.49 0.74 0.00	181.86 1.69 0.00	116.80 0.39 0.00	102.04 0.63 0.00
PLEASANTVLY___LBMP 24000	187.04 10.96 0.00	131.15 8.22 0.00	134.81 8.62 0.00	113.27 7.23 0.00	111.71 7.02 0.00	117.46 7.44 0.00	111.36 7.31 0.00	131.30 8.32 -9.20	137.82 8.93 -5.66	150.18 9.40 -6.71	195.46 12.13 -9.74	208.03 7.39 -83.77	151.22 8.24 -10.67	168.60 5.54 -71.99	155.27 9.51 0.01	136.61 9.32 -0.01	152.64 10.31 -9.29	183.79 10.31 -36.28	143.85 9.11 -10.12	134.38 9.24 -0.01	143.24 6.41 -50.08	193.84 13.15 -0.52	167.05 8.41 -42.23	151.61 6.72 -43.49
PLSNTVLE_13_KV_13.8KVDIST 80602	188.30 12.21 0.00	132.14 9.21 0.00	135.89 9.70 0.00	114.16 8.12 0.00	112.60 7.90 0.00	118.41 8.39 0.00	112.23 8.19 0.00	132.06 9.40 -8.88	138.86 10.15 -5.48	151.19 10.63 -6.48	196.76 13.77 -9.41	205.98 8.51 -80.61	152.13 9.55 -10.26	166.62 6.30 -69.26	156.61 10.85 0.01	137.79 10.51 -0.01	153.38 11.45 -8.88	182.78 11.56 -34.02	144.64 10.30 -9.73	135.53 10.39 -0.01	142.09 7.21 -48.12	195.61 14.94 -0.50	166.56 9.56 -40.58	150.77 7.57 -41.79
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	188.30 12.21 0.00	132.14 9.21 0.00	135.89 9.70 0.00	114.16 8.12 0.00	112.60 7.90 0.00	118.41 8.39 0.00	112.23 8.19 0.00	132.06 9.40 -8.88	138.86 10.15 -5.48	151.19 10.63 -6.48	196.76 13.77 -9.41	205.98 8.51 -80.61	152.13 9.55 -10.26	166.62 6.30 -69.26	156.61 10.85 0.01	137.79 10.51 -0.01	153.38 11.45 -8.88	182.78 11.56 -34.02	144.64 10.30 -9.73	135.53 10.39 -0.01	142.09 7.21 -48.12	195.61 14.94 -0.50	166.56 9.56 -40.58	150.77 7.57 -41.79
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	190.28 14.19 0.00	133.27 10.35 0.00	137.00 10.82 0.00	115.13 9.10 0.00	113.64 8.94 0.00	119.56 9.54 0.00	113.43 9.39 0.00	134.22 10.76 -9.68	140.83 11.62 -5.99	153.66 12.20 -7.38	199.48 15.58 -10.33	208.29 9.60 -81.82	153.39 10.66 -10.42	168.53 7.11 -70.35	157.77 12.01 0.01	138.96 11.68 -0.01	155.00 12.99 -8.96	182.81 13.30 -32.32	146.27 11.80 -9.85	137.00 11.86 -0.01	143.62 8.16 -48.71	197.33 16.65 -0.50	168.04 10.56 -41.08	152.19 8.48 -42.30
POLETTI___ 23519	188.20 12.11 0.00	132.26 9.33 0.00	136.11 9.92 0.00	114.34 8.30 0.00	112.79 8.10 0.00	118.55 8.53 0.00	112.34 8.30 0.00	132.36 9.76 -8.83	139.14 10.48 -5.43	151.39 10.87 -6.44	197.13 14.20 -9.35	205.84 8.88 -80.09	152.50 9.99 -10.20	166.37 6.50 -68.80	157.02 11.26 0.01	138.25 10.96 -0.01	153.49 11.63 -8.82	182.48 11.63 -33.65	144.81 10.53 -9.66	135.48 10.34 -0.01	141.76 7.21 -47.80	196.34 15.67 -0.49	166.86 10.14 -40.31	150.86 7.94 -41.51
POMONA___ESR 323819	186.32 10.23 0.00	130.72 7.79 0.00	134.40 8.21 0.00	112.89 6.85 0.00	111.34 6.65 0.00	117.09 7.07 0.00	110.97 6.93 0.00	130.18 7.87 -8.54	136.58 8.47 -4.88	149.20 8.89 -6.23	194.37 11.74 -9.04	201.43 7.24 -77.32	150.23 8.07 -9.84	162.66 5.30 -66.29	154.98 9.22 0.01	136.36 9.08 -0.01	151.55 10.06 -8.45	179.03 10.22 -31.62	143.00 9.08 -9.30	134.37 9.23 -0.01	139.19 6.43 -46.01	193.82 13.17 -0.47	163.69 8.48 -38.80	147.98 6.62 -39.95
PORT_JEFF_3 23555	192.86 16.77 0.00	155.03 13.35 -18.75	148.28 14.30 -7.80	150.20 12.41 -31.75	149.56 12.19 -32.68	150.89 12.65 -28.21	149.29 11.81 -33.43	146.73 13.93 -19.03	164.91 14.34 -27.35	173.22 14.47 -24.68	205.37 17.37 -14.41	206.83 9.86 -80.10	154.56 12.05 -10.20	167.98 8.10 -68.81	163.82 15.53 -2.53	146.19 14.87 -4.04	157.93 16.06 -8.82	202.64 14.77 -50.67	187.14 14.23 -48.29	149.38 15.65 -8.60	147.42 10.41 -50.26	204.23 21.15 -2.91	172.79 12.85 -43.53	152.73 9.81 -41.52

PORT_JEFF_4 23616	192.86 16.77 0.00	155.03 13.35 -18.75	148.28 14.30 -7.80	150.20 12.41 -31.75	149.56 12.19 -32.68	150.89 12.65 -28.21	149.29 11.81 -33.43	146.73 13.93 -19.03	164.91 14.34 -27.35	173.22 14.47 -24.68	205.37 17.37 -14.41	206.83 9.86 -80.10	154.56 12.05 -10.20	167.98 8.10 -68.81	163.82 15.53 -2.53	146.19 14.87 -4.04	157.93 16.06 -8.82	202.64 14.77 -50.67	187.14 14.23 -48.29	149.38 15.65 -8.60	147.42 10.41 -50.26	204.23 21.15 -2.91	172.79 12.85 -43.53	152.73 9.81 -41.52
PORT_JEFF_IC 23713	193.01 16.92 0.00	155.14 13.40 -18.81	148.41 14.39 -7.83	150.37 12.48 -31.85	149.75 12.27 -32.79	151.05 12.72 -28.30	149.46 11.88 -33.54	146.91 14.08 -19.06	165.08 14.43 -27.41	173.37 14.56 -24.74	205.33 17.32 -14.43	206.82 9.85 -80.10	154.54 12.03 -10.20	168.01 8.13 -68.81	163.96 15.66 -2.54	146.33 15.00 -4.05	158.01 16.15 -8.82	202.54 14.62 -50.72	187.11 14.07 -48.41	149.58 15.82 -8.63	147.53 10.52 -50.27	204.59 21.49 -2.92	172.90 12.95 -43.54	152.79 9.87 -41.52
PPL_PILGRIM_ST_GT1 24216	192.71 16.62 0.00	155.20 13.22 -19.05	148.29 14.18 -7.93	150.60 12.31 -32.26	149.99 12.08 -33.21	151.19 12.50 -28.67	149.67 11.65 -33.97	146.73 13.76 -19.19	165.20 14.27 -27.70	173.80 14.75 -24.97	205.91 17.83 -14.50	207.45 10.48 -80.10	155.23 12.72 -10.20	168.19 8.31 -68.81	163.85 15.52 -2.57	146.24 14.86 -4.10	157.89 16.03 -8.82	203.38 15.24 -50.94	188.17 14.64 -48.91	149.33 15.46 -8.74	147.38 10.33 -50.30	203.92 20.79 -2.95	172.66 12.67 -43.58	152.73 9.81 -41.52
PPL_PILGRIM_ST_GT2 24217	192.71 16.62 0.00	155.20 13.22 -19.05	148.29 14.18 -7.93	150.60 12.31 -32.26	149.99 12.08 -33.21	151.19 12.50 -28.67	149.67 11.65 -33.97	146.73 13.76 -19.19	165.20 14.27 -27.70	173.80 14.75 -24.97	205.91 17.83 -14.50	207.45 10.48 -80.10	155.23 12.72 -10.20	168.19 8.31 -68.81	163.85 15.52 -2.57	146.24 14.86 -4.10	157.89 16.03 -8.82	203.38 15.24 -50.94	188.17 14.64 -48.91	149.33 15.46 -8.74	147.38 10.33 -50.30	203.92 20.79 -2.95	172.66 12.67 -43.58	152.73 9.81 -41.52
PPL_SHRM_GT3 24213	194.94 18.85 0.00	156.56 14.85 -18.77	149.83 15.84 -7.81	151.50 13.68 -31.78	150.88 13.46 -32.72	152.37 14.10 -28.25	150.81 13.30 -33.47	148.26 15.45 -19.04	166.44 15.84 -27.37	173.70 14.93 -24.70	205.85 17.84 -14.42	207.03 10.06 -80.10	154.41 11.90 -10.20	168.06 8.17 -68.81	165.20 16.91 -2.53	147.30 15.99 -4.04	158.90 17.04 -8.82	204.24 16.35 -50.69	188.78 15.83 -48.33	150.58 16.83 -8.62	148.21 11.20 -50.26	206.60 23.51 -2.92	174.10 14.16 -43.54	153.61 10.69 -41.52
PPL_SHRM_GT4 24214	194.94 18.85 0.00	156.56 14.85 -18.77	149.83 15.84 -7.81	151.50 13.68 -31.78	150.88 13.46 -32.72	152.37 14.10 -28.25	150.81 13.30 -33.47	148.26 15.45 -19.04	166.44 15.84 -27.37	173.70 14.93 -24.70	205.85 17.84 -14.42	207.03 10.06 -80.10	154.41 11.90 -10.20	168.06 8.17 -68.81	165.20 16.91 -2.53	147.30 15.99 -4.04	158.90 17.04 -8.82	204.24 16.35 -50.69	188.78 15.83 -48.33	150.58 16.83 -8.62	148.21 11.20 -50.26	206.60 23.51 -2.92	174.10 14.16 -43.54	153.61 10.69 -41.52
PROJECT___ORANGE 1 24174	172.77 -3.32 0.00	120.53 -2.40 0.00	123.82 -2.37 0.00	103.90 -2.14 0.00	102.81 -1.89 0.00	108.14 -1.88 0.00	102.34 -1.71 0.00	111.75 -2.02 0.00	121.03 -2.20 0.00	131.51 -2.57 0.00	170.22 -3.36 0.00	121.93 -2.44 -7.51	130.33 -2.94 -0.96	95.62 -1.90 -6.45	142.57 -3.20 0.00	124.59 -2.68 0.00	131.04 -2.77 -0.76	134.31 -2.89 0.00	122.84 -2.65 -0.87	122.44 -2.69 0.00	89.10 -1.98 -4.33	176.02 -4.20 -0.05	117.30 -2.76 -3.65	102.76 -2.41 -3.76
PROJECT___ORANGE 2 24166	172.77 -3.32 0.00	120.53 -2.40 0.00	123.82 -2.37 0.00	103.90 -2.14 0.00	102.81 -1.89 0.00	108.14 -1.88 0.00	102.34 -1.71 0.00	111.75 -2.02 0.00	121.03 -2.20 0.00	131.51 -2.57 0.00	170.22 -3.36 0.00	121.93 -2.44 -7.51	130.33 -2.94 -0.96	95.62 -1.90 -6.45	142.57 -3.20 0.00	124.59 -2.68 0.00	131.04 -2.77 -0.76	134.31 -2.89 0.00	122.84 -2.65 -0.87	122.44 -2.69 0.00	89.10 -1.98 -4.33	176.02 -4.20 -0.05	117.30 -2.76 -3.65	102.76 -2.41 -3.76
PUCKETT___SOLAR 323809	180.77 4.68 0.00	125.90 2.97 0.00	129.38 3.20 0.00	108.38 2.34 0.00	107.40 2.70 0.00	112.79 2.77 0.00	106.35 2.31 0.00	120.52 2.60 -4.16	128.89 3.05 -2.62	140.05 2.58 -3.39	181.52 3.24 -4.69	146.96 2.08 -28.01	138.24 2.41 -3.52	116.22 1.49 -23.66	147.72 2.00 0.04	129.18 1.90 0.00	135.21 1.38 -0.79	141.58 1.42 -2.96	130.23 0.97 -4.64	125.95 0.82 0.00	104.80 0.47 -17.58	185.86 1.61 -4.07	130.86 0.99 -13.46	116.16 0.88 -13.86
PYRITES___HYD 24023	177.82 1.73 0.00	123.91 0.98 0.00	127.12 0.93 0.00	106.85 0.81 0.00	105.51 0.81 0.00	110.58 0.56 0.00	103.94 -0.11 0.00	113.87 0.10 0.00	123.40 0.17 0.00	135.00 0.92 0.00	174.41 0.83 0.00	117.77 -0.63 -1.53	131.36 -1.14 -0.19	92.80 0.61 -1.13	147.19 1.43 0.00	127.64 0.37 0.00	132.87 -0.18 0.00	137.89 0.69 0.00	124.74 0.12 0.00	124.94 -0.18 0.00	86.67 -0.08 0.00	180.38 0.21 0.00	116.74 0.33 0.00	102.14 0.73 0.00
QUAKERRD_115KV_BK1 80622	164.24 -11.85 0.00	114.24 -8.69 0.00	117.48 -8.70 0.00	98.71 -7.32 0.00	97.86 -6.84 0.00	102.89 -7.13 0.00	97.07 -6.97 0.00	105.10 -8.67 0.00	113.77 -9.45 0.01	123.55 -10.55 -0.03	157.46 -14.04 2.09	110.89 -9.54 -3.56	122.15 -11.01 -0.84	92.59 -7.05 -8.57	133.85 -11.94 -0.03	116.93 -10.35 0.00	124.58 -10.94 -2.48	127.11 -11.11 -1.02	101.91 -10.38 12.34	114.72 -10.41 0.00	69.65 -7.40 9.70	127.28 -15.53 37.36	111.46 -9.79 -4.84	98.59 -7.80 -4.98
QUEENSBRY_115KV_TB8 356137	190.03 13.93 0.00	132.83 9.90 0.00	136.28 10.09 0.00	114.45 8.41 0.00	113.13 8.43 0.00	119.22 9.20 0.00	113.42 9.38 0.00	178.64 11.04 -53.83	174.51 11.66 -39.61	206.32 12.86 -59.38	252.15 16.76 -61.80	234.67 9.71 -108.09	155.17 9.09 -13.76	189.70 5.76 -92.87	155.20 9.43 0.00	136.50 9.21 -0.01	154.50 10.51 -10.94	145.89 10.45 1.77	146.37 9.35 -12.40	134.62 9.47 -0.02	154.51 6.41 -61.35	193.40 12.60 -0.63	176.10 7.95 -51.74	160.89 6.21 -53.28
RAMAPO___LBMP 323565	185.91 9.82 0.00	130.45 7.52 0.00	134.10 7.92 0.00	112.62 6.58 0.00	111.06 6.37 0.00	116.82 6.80 0.00	110.71 6.67 0.00	129.85 7.58 -8.50	136.17 8.08 -4.86	148.81 8.53 -6.21	193.84 11.26 -9.00	200.77 6.96 -76.95	149.84 7.73 -9.80	162.20 5.06 -66.07	154.55 8.79 0.01	135.98 8.70 -0.01	151.11 9.65 -8.41	178.45 9.81 -31.44	142.59 8.70 -9.27	134.01 8.87 -0.01	138.77 6.17 -45.85	193.33 12.68 -0.47	163.22 8.14 -38.67	147.58 6.36 -39.82
RANKINE____ 23646	162.29 -13.80 0.00	112.13 -10.80 0.00	115.38 -10.80 0.00	96.78 -9.25 0.00	96.36 -8.34 0.00	100.86 -9.17 0.00	94.53 -9.51 0.00	85.49 -12.53 15.75	101.40 -13.70 8.13	118.69 -15.42 -0.03	153.09 -20.70 -0.21	113.72 -13.66 -10.52	118.04 -15.68 -1.41	92.55 -10.36 -11.84	127.67 -17.89 0.20	111.58 -15.69 0.00	107.23 -16.64 9.18	122.06 -16.60 -1.46	106.69 -15.32 2.61	109.89 -15.24 0.00	79.29 -10.68 -3.23	146.61 -21.89 11.67	110.02 -13.20 -6.81	98.84 -9.58 -7.01
RAVENSWOOD_GT2_1 24244	188.82 12.73 0.00	132.62 9.69 0.00	136.47 10.28 0.00	114.63 8.60 0.00	113.05 8.36 0.00	118.87 8.85 0.00	112.64 8.59 0.00	132.61 10.00 -8.83	139.43 10.77 -5.43	151.77 11.25 -6.44	197.60 14.67 -9.35	206.13 9.17 -80.09	152.83 10.32 -10.20	166.66 6.78 -68.80	157.39 11.63 0.01	138.55 11.26 -0.01	153.89 12.03 -8.82	182.92 12.07 -33.66	145.14 10.86 -9.66	135.99 10.85 -0.01	142.12 7.57 -47.80	196.61 15.94 -0.49	167.01 10.29 -40.31	151.03 8.11 -41.51

RAVENSWOOD_GT2_2 24245	188.82 12.73 0.00	132.62 9.69 0.00	136.47 10.28 0.00	114.63 8.60 0.00	113.05 8.36 0.00	118.87 8.85 0.00	112.64 8.59 0.00	132.61 10.00 -8.83	139.43 10.77 -5.43	151.77 11.25 -6.44	197.60 14.67 -9.35	206.13 9.17 -80.09	152.83 10.32 -10.20	166.66 6.78 -68.80	157.39 11.63 0.01	138.55 11.26 -0.01	153.89 12.03 -8.82	182.92 12.07 -33.66	145.14 10.86 -9.66	135.99 10.85 -0.01	142.12 7.57 -47.80	196.61 15.94 -0.49	167.01 10.29 -40.31	151.03 8.11 -41.51
RAVENSWOOD_GT2_3 24246	188.92 12.83 0.00	132.70 9.77 0.00	136.50 10.31 0.00	114.67 8.63 0.00	113.11 8.41 0.00	118.94 8.92 0.00	112.70 8.66 0.00	132.67 10.06 -8.83	139.47 10.81 -5.43	151.86 11.34 -6.44	197.69 14.76 -9.35	206.21 9.25 -80.09	152.91 10.40 -10.20	166.70 6.82 -68.80	157.49 11.73 0.01	138.60 11.31 -0.01	154.00 12.14 -8.82	183.00 12.15 -33.66	145.20 10.92 -9.66	136.06 10.92 -0.01	142.16 7.61 -47.80	196.70 16.03 -0.49	167.07 10.35 -40.31	151.08 8.16 -41.51
RAVENSWOOD_GT2_4 24247	188.92 12.83 0.00	132.70 9.77 0.00	136.50 10.31 0.00	114.67 8.63 0.00	113.11 8.41 0.00	118.94 8.92 0.00	112.70 8.66 0.00	132.67 10.06 -8.83	139.47 10.81 -5.43	151.86 11.34 -6.44	197.69 14.76 -9.35	206.21 9.25 -80.09	152.91 10.40 -10.20	166.70 6.82 -68.80	157.49 11.73 0.01	138.60 11.31 -0.01	154.00 12.14 -8.82	183.00 12.15 -33.66	145.20 10.92 -9.66	136.06 10.92 -0.01	142.16 7.61 -47.80	196.70 16.03 -0.49	167.07 10.35 -40.31	151.08 8.16 -41.51
RAVENSWOOD_GT3_1 24248	188.82 12.73 0.00	132.62 9.69 0.00	136.47 10.28 0.00	114.63 8.60 0.00	113.06 8.37 0.00	118.88 8.86 0.00	112.64 8.59 0.00	132.61 10.00 -8.83	139.43 10.77 -5.43	151.77 11.25 -6.44	197.60 14.67 -9.35	206.13 9.17 -80.09	152.83 10.32 -10.20	166.66 6.78 -68.80	157.40 11.64 0.01	138.56 11.27 -0.01	153.89 12.03 -8.82	182.92 12.07 -33.66	145.14 10.86 -9.66	135.99 10.85 -0.01	142.12 7.57 -47.80	196.62 15.96 -0.49	167.02 10.30 -40.31	151.03 8.11 -41.51
RAVENSWOOD_GT3_2 24249	188.82 12.73 0.00	132.62 9.69 0.00	136.47 10.28 0.00	114.63 8.60 0.00	113.06 8.37 0.00	118.88 8.86 0.00	112.64 8.59 0.00	132.61 10.00 -8.83	139.43 10.77 -5.43	151.77 11.25 -6.44	197.60 14.67 -9.35	206.13 9.17 -80.09	152.83 10.32 -10.20	166.66 6.78 -68.80	157.40 11.64 0.01	138.56 11.27 -0.01	153.89 12.03 -8.82	182.92 12.07 -33.66	145.14 10.86 -9.66	135.99 10.85 -0.01	142.12 7.57 -47.80	196.62 15.96 -0.49	167.02 10.30 -40.31	151.03 8.11 -41.51
RAVENSWOOD_GT3_3 24250	189.15 13.06 0.00	132.83 9.89 0.00	136.63 10.44 0.00	114.78 8.75 0.00	113.21 8.51 0.00	119.05 9.03 0.00	112.82 8.78 0.00	132.81 10.20 -8.83	139.63 10.97 -5.43	152.03 11.51 -6.44	197.92 14.99 -9.35	206.36 9.41 -80.09	153.08 10.57 -10.20	166.82 6.95 -68.80	157.66 11.90 0.01	138.77 11.48 -0.01	154.15 12.29 -8.82	183.19 12.33 -33.66	145.35 11.06 -9.66	136.22 11.08 -0.01	142.25 7.70 -47.80	196.96 16.29 -0.49	167.21 10.49 -40.31	151.18 8.26 -41.51
RAVENSWOOD_GT3_4 24251	189.15 13.06 0.00	132.83 9.89 0.00	136.63 10.44 0.00	114.78 8.75 0.00	113.21 8.51 0.00	119.05 9.03 0.00	112.82 8.78 0.00	132.81 10.20 -8.83	139.63 10.97 -5.43	152.03 11.51 -6.44	197.92 14.99 -9.35	206.36 9.41 -80.09	153.08 10.57 -10.20	166.82 6.95 -68.80	157.66 11.90 0.01	138.77 11.48 -0.01	154.15 12.29 -8.82	183.19 12.33 -33.66	145.35 11.06 -9.66	136.22 11.08 -0.01	142.25 7.70 -47.80	196.96 16.29 -0.49	167.21 10.49 -40.31	151.18 8.26 -41.51
RAVENSWOOD_GT_1 23729	191.19 13.48 -1.62	133.10 10.17 0.00	136.95 10.76 0.00	115.04 9.00 0.00	113.43 8.73 0.00	119.31 9.29 0.00	113.19 9.14 0.00	141.89 10.67 -17.45	176.80 11.47 -42.10	199.77 12.03 -53.67	202.88 15.46 -13.84	214.40 9.73 -87.80	157.27 11.00 -13.96	172.64 7.21 -74.35	165.23 12.37 -7.09	165.74 11.94 -26.53	200.43 12.61 -54.78	219.92 12.63 -70.10	185.38 11.43 -49.33	176.83 11.43 -40.28	177.28 7.98 -82.55	219.29 16.72 -22.40	182.63 10.94 -55.28	151.56 8.64 -41.51
RAVENSWOOD_GT_10 24258	189.00 12.72 -0.19	132.62 9.69 0.00	136.45 10.27 0.00	114.61 8.58 0.00	113.05 8.35 0.00	118.87 8.85 0.00	112.63 8.58 0.00	133.34 9.98 -9.58	143.54 10.73 -9.58	157.08 11.25 -11.75	197.83 14.66 -9.60	206.80 9.17 -80.76	152.87 10.31 -10.25	166.95 6.77 -69.11	157.87 11.62 -0.48	141.44 11.25 -2.91	159.05 12.03 -13.98	187.13 12.07 -37.86	149.70 10.84 -14.24	140.62 10.85 -4.65	146.05 7.55 -51.75	198.89 15.94 -2.77	168.72 10.28 -42.04	151.01 8.09 -41.51
RAVENSWOOD_GT_11 24259	189.00 12.72 -0.19	132.62 9.69 0.00	136.45 10.27 0.00	114.61 8.58 0.00	113.05 8.35 0.00	118.87 8.85 0.00	112.63 8.58 0.00	133.34 9.98 -9.58	143.54 10.73 -9.58	157.08 11.25 -11.75	197.83 14.66 -9.60	206.80 9.17 -80.76	152.87 10.31 -10.25	166.95 6.77 -69.11	157.87 11.62 -0.48	141.44 11.25 -2.91	159.05 12.03 -13.98	187.13 12.07 -37.86	149.70 10.84 -14.24	140.62 10.85 -4.65	146.05 7.55 -51.75	198.89 15.94 -2.77	168.72 10.28 -42.04	151.01 8.09 -41.51
RAVENSWOOD_GT_4 24252	190.03 12.71 -1.23	132.61 9.68 0.00	136.41 10.23 0.00	114.58 8.54 0.00	113.04 8.34 0.00	118.83 8.81 0.00	112.59 8.54 0.00	137.49 9.94 -13.78	166.72 10.65 -32.84	186.72 11.17 -41.48	199.16 14.58 -10.99	210.51 9.12 -84.52	153.10 10.24 -10.54	168.66 6.74 -70.85	160.55 11.59 -3.20	157.60 11.18 -19.15	187.94 11.99 -42.90	210.59 11.99 -61.40	175.24 10.75 -39.87	166.51 10.79 -30.59	168.10 7.49 -73.86	211.63 15.93 -15.52	178.35 10.23 -51.71	150.96 8.04 -41.51
RAVENSWOOD_GT_5 24254	190.03 12.71 -1.23	132.61 9.68 0.00	136.41 10.23 0.00	114.58 8.54 0.00	113.04 8.34 0.00	118.83 8.81 0.00	112.59 8.54 0.00	137.49 9.94 -13.78	166.72 10.65 -32.84	186.72 11.17 -41.48	199.16 14.58 -10.99	210.51 9.12 -84.52	153.10 10.24 -10.54	168.66 6.74 -70.85	160.55 11.59 -3.20	157.60 11.18 -19.15	187.94 11.99 -42.90	210.59 11.99 -61.40	175.24 10.75 -39.87	166.51 10.79 -30.59	168.10 7.49 -73.86	211.63 15.93 -15.52	178.35 10.23 -51.71	150.96 8.04 -41.51
RAVENSWOOD_GT_6 24253	190.03 12.71 -1.23	132.61 9.68 0.00	136.41 10.23 0.00	114.58 8.54 0.00	113.04 8.34 0.00	118.83 8.81 0.00	112.59 8.54 0.00	137.49 9.94 -13.78	166.72 10.65 -32.84	186.72 11.17 -41.48	199.16 14.58 -10.99	210.51 9.12 -84.52	153.10 10.24 -10.54	168.66 6.74 -70.85	160.55 11.59 -3.20	157.60 11.18 -19.15	187.94 11.99 -42.90	210.59 11.99 -61.40	175.24 10.75 -39.87	166.51 10.79 -30.59	168.10 7.49 -73.86	211.63 15.93 -15.52	178.35 10.23 -51.71	150.96 8.04 -41.51
RAVENSWOOD_GT_7 24255	190.03 12.71 -1.23	132.61 9.68 0.00	136.41 10.23 0.00	114.58 8.54 0.00	113.04 8.34 0.00	118.83 8.81 0.00	112.59 8.54 0.00	137.49 9.94 -13.78	166.72 10.65 -32.84	186.72 11.17 -41.48	199.16 14.58 -10.99	210.51 9.12 -84.52	153.10 10.24 -10.54	168.66 6.74 -70.85	160.55 11.59 -3.20	157.60 11.18 -19.15	187.94 11.99 -42.90	210.59 11.99 -61.40	175.24 10.75 -39.87	166.51 10.79 -30.59	168.10 7.49 -73.86	211.63 15.93 -15.52	178.35 10.23 -51.71	150.96 8.04 -41.51
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	189.00 12.72 -0.19	132.62 9.69 0.00	136.45 10.27 0.00	114.61 8.58 0.00	113.05 8.35 0.00	118.87 8.85 0.00	112.63 8.58 0.00	133.34 9.98 -9.58	143.54 10.73 -9.58	157.08 11.25 -11.75	197.83 14.66 -9.60	206.80 9.17 -80.76	152.87 10.31 -10.25	166.95 6.77 -69.11	157.87 11.62 -0.48	141.44 11.25 -2.91	159.05 12.03 -13.98	187.13 12.07 -37.86	149.70 10.84 -14.24	140.62 10.85 -4.65	146.05 7.55 -51.75	198.89 15.94 -2.77	168.72 10.28 -42.04	151.01 8.09 -41.51

RAVENSWOOD_GT_9 24257	189.00 12.72 -0.19	132.62 9.69 0.00	136.45 10.27 0.00	114.61 8.58 0.00	113.05 8.35 0.00	118.87 8.85 0.00	112.63 8.58 0.00	133.34 9.98 -9.58	143.54 10.73 -9.58	157.08 11.25 -11.75	197.83 14.66 -9.60	206.80 9.17 -80.76	152.87 10.31 -10.25	166.95 6.77 -69.11	157.87 11.62 -0.48	141.44 11.25 -2.91	159.05 12.03 -13.98	187.13 12.07 -37.86	149.70 10.84 -14.24	140.62 10.85 -4.65	146.05 7.55 -51.75	198.89 15.94 -2.77	168.72 10.28 -42.04	151.01 8.09 -41.51
RAVENSWOOD___1 23533	187.57 13.07 1.59	132.85 9.92 0.00	136.70 10.51 0.00	114.82 8.79 0.00	113.23 8.53 0.00	119.08 9.06 0.00	112.98 8.94 0.00	126.57 10.36 -2.43	104.42 11.21 30.02	106.91 11.70 38.87	195.91 15.11 -7.22	200.71 9.48 -74.36	152.79 10.73 -9.74	164.24 7.02 -66.15	153.69 12.08 4.15	114.22 11.68 24.74	110.20 12.42 35.27	147.38 12.41 2.23	106.46 11.24 29.40	96.81 11.21 39.53	108.69 7.84 -14.10	177.60 16.37 18.94	152.66 10.68 -25.58	151.34 8.42 -41.51
RAVENSWOOD___2 23534	187.57 13.07 1.59	132.85 9.92 0.00	136.70 10.51 0.00	114.82 8.79 0.00	113.23 8.53 0.00	119.08 9.06 0.00	112.98 8.94 0.00	126.57 10.36 -2.43	104.42 11.21 30.02	106.91 11.70 38.87	195.91 15.11 -7.22	200.71 9.48 -74.36	152.79 10.73 -9.74	164.24 7.02 -66.15	153.69 12.08 4.15	114.22 11.68 24.74	110.20 12.42 35.27	147.38 12.41 2.23	106.46 11.24 29.40	96.81 11.21 39.53	108.69 7.84 -14.10	177.60 16.37 18.94	152.66 10.68 -25.58	151.34 8.42 -41.51
RAVENSWOOD___3 23535	188.82 12.73 0.00	132.63 9.70 0.00	136.46 10.28 0.00	114.64 8.61 0.00	113.06 8.37 0.00	118.89 8.87 0.00	112.65 8.60 0.00	132.59 9.98 -8.83	139.41 10.75 -5.43	151.76 11.24 -6.44	197.65 14.72 -9.35	206.13 9.18 -80.09	152.84 10.33 -10.20	166.65 6.78 -68.80	157.42 11.66 0.01	138.55 11.26 -0.01	153.96 12.09 -8.82	182.92 12.07 -33.66	145.14 10.86 -9.66	136.00 10.86 -0.01	142.11 7.56 -47.80	196.59 15.93 -0.49	167.01 10.29 -40.31	151.04 8.12 -41.51
RAVENSWOOD___4 23820	187.57 13.07 1.59	132.85 9.92 0.00	136.70 10.51 0.00	114.82 8.79 0.00	113.23 8.53 0.00	119.08 9.06 0.00	112.98 8.94 0.00	126.57 10.36 -2.43	104.42 11.21 30.02	106.91 11.70 38.87	195.91 15.11 -7.22	200.71 9.48 -74.36	152.79 10.73 -9.74	164.24 7.02 -66.15	153.69 12.08 4.15	114.22 11.68 24.74	110.20 12.42 35.27	147.38 12.41 2.23	106.46 11.24 29.40	96.81 11.21 39.53	108.69 7.84 -14.10	177.60 16.37 18.94	152.66 10.68 -25.58	151.34 8.42 -41.51
RCPI_TRUST___DRP 24196	189.03 12.94 0.00	132.80 9.87 0.00	136.62 10.43 0.00	114.76 8.73 0.00	113.21 8.51 0.00	119.04 9.02 0.00	112.79 8.74 0.00	132.78 10.18 -8.83	139.63 10.97 -5.43	152.04 11.52 -6.44	197.99 15.06 -9.34	206.36 9.41 -80.08	153.08 10.57 -10.19	166.83 6.97 -68.79	157.71 11.95 0.01	138.78 11.50 -0.01	154.16 12.30 -8.81	183.19 12.34 -33.65	145.36 11.07 -9.66	136.22 11.08 -0.01	142.23 7.69 -47.79	196.89 16.22 -0.49	167.18 10.46 -40.31	151.15 8.23 -41.51
RED___ROCHESTER 323720	167.30 -8.79 0.00	116.10 -6.82 0.00	119.35 -6.83 0.00	100.31 -5.73 0.00	99.50 -5.20 0.00	104.59 -5.43 0.00	98.65 -5.39 0.00	107.02 -6.86 -0.11	115.71 -7.57 -0.05	125.58 -8.52 -0.03	160.54 -11.65 1.40	115.12 -7.84 -6.10	124.23 -9.11 -1.03	94.03 -5.91 -8.87	135.73 -10.06 -0.02	118.60 -8.67 0.00	126.04 -9.43 -2.42	129.73 -9.20 -1.73	115.19 -8.68 0.76	120.91 -8.76 -4.54	77.57 -6.23 2.95	142.33 -13.08 24.77	113.26 -8.17 -5.01	100.32 -6.25 -5.16
REGAN___SOLAR 323812	189.25 13.16 0.00	132.07 9.14 0.00	135.47 9.28 0.00	113.82 7.78 0.00	112.55 7.85 0.00	118.55 8.53 0.00	112.37 8.33 0.00	176.16 9.34 -53.05	172.27 9.94 -39.10	203.12 10.33 -58.71	247.29 12.76 -60.95	239.70 7.34 -115.49	154.09 7.07 -14.70	195.32 4.99 -99.26	153.96 8.20 0.01	136.66 9.37 -0.01	155.09 10.66 -11.39	147.00 11.49 1.69	148.28 10.39 -13.28	135.36 10.22 -0.02	159.37 6.94 -65.68	195.25 14.41 -0.68	180.76 8.96 -55.39	165.91 7.46 -57.04
RENSSELAER___COGEN 23796	183.55 7.46 0.00	128.22 5.29 0.00	131.69 5.51 0.00	110.70 4.67 0.00	109.20 4.51 0.00	114.76 4.74 0.00	108.79 4.75 0.00	150.11 5.05 -31.29	150.98 5.51 -22.24	172.29 5.90 -32.31	216.71 7.73 -35.39	226.26 4.61 -104.79	150.74 5.08 -13.34	184.63 3.52 -90.03	151.38 5.62 0.00	131.36 4.08 -0.01	148.31 4.67 -10.60	139.38 4.27 2.08	140.82 4.20 -12.00	129.54 4.40 -0.02	149.18 3.08 -59.36	187.18 6.40 -0.61	170.67 4.21 -50.06	157.54 4.58 -51.55
REPUBLIC_115KV_BARTNBRK 55605	197.55 21.46 0.00	138.16 15.24 0.00	141.59 15.41 0.00	118.62 12.58 0.00	117.34 12.64 0.00	124.03 14.00 0.00	118.31 14.27 0.00	184.90 17.55 -53.58	181.13 18.47 -39.42	213.53 20.37 -59.08	261.99 26.89 -61.51	241.37 16.48 -108.02	162.37 16.30 -13.76	194.73 10.84 -92.81	162.78 17.02 0.00	144.18 16.89 -0.01	163.37 19.39 -10.94	154.63 19.16 1.73	153.69 16.67 -12.39	142.20 17.06 -0.02	159.58 11.53 -61.31	203.51 22.70 -0.63	182.84 14.73 -51.71	165.89 11.23 -53.24
REVERE_CPPR_DRP 24186	184.45 8.36 0.00	128.74 5.81 0.00	132.14 5.95 0.00	110.77 4.73 0.00	109.71 5.01 0.00	115.59 5.57 0.00	109.63 5.58 0.00	120.19 6.42 0.00	130.13 6.90 0.00	141.69 7.62 0.00	183.54 9.95 0.00	127.21 6.19 -4.16	139.52 6.68 -0.53	99.41 4.78 -3.56	153.47 7.70 0.00	133.65 6.38 0.00	139.87 6.41 -0.41	143.26 6.06 0.00	130.58 5.49 -0.47	130.49 5.36 0.00	92.65 3.57 -2.33	187.31 7.11 -0.02	122.72 4.34 -1.97	106.50 3.07 -2.02
REYNOLDS_115KV_TB3 80639	183.85 7.77 0.00	128.45 5.52 0.00	131.93 5.74 0.00	110.91 4.87 0.00	109.35 4.65 0.00	114.88 4.86 0.00	108.92 4.88 0.00	153.18 5.26 -34.16	153.36 5.67 -24.46	175.93 6.09 -35.76	220.34 8.00 -38.76	226.68 4.79 -105.02	151.01 5.33 -13.37	185.09 3.78 -90.24	151.92 6.15 0.00	132.35 5.06 -0.01	149.47 5.79 -10.63	140.93 5.38 1.64	141.94 5.31 -12.01	130.63 5.48 -0.02	150.02 3.84 -59.43	188.65 7.86 -0.61	171.60 5.07 -50.12	157.96 4.94 -51.61
RIVERBAY____ 323610	189.80 13.71 0.00	133.18 10.25 0.00	137.07 10.88 0.00	115.09 9.05 0.00	113.51 8.81 0.00	119.37 9.34 0.00	113.29 9.24 0.00	133.27 10.66 -8.83	140.02 11.36 -5.44	152.50 11.98 -6.45	198.26 15.33 -9.35	206.78 9.82 -80.09	153.57 11.06 -10.20	167.25 7.38 -68.80	158.37 12.62 0.01	139.54 12.25 -0.01	154.72 12.86 -8.82	183.85 13.00 -33.66	145.98 11.70 -9.66	136.53 11.39 -0.01	142.56 8.01 -47.80	197.56 16.89 -0.49	167.41 10.69 -40.31	151.33 8.41 -41.51
RIVERSDE_115KV_TB3 55908	183.92 7.83 0.00	128.50 5.57 0.00	131.98 5.80 0.00	110.95 4.91 0.00	109.42 4.72 0.00	114.98 4.96 0.00	109.03 4.98 0.00	153.66 5.34 -34.55	153.77 5.78 -24.76	176.56 6.25 -36.23	220.98 8.18 -39.22	227.05 4.96 -105.23	151.19 5.48 -13.40	185.30 3.82 -90.41	151.94 6.18 0.00	132.09 4.80 -0.01	149.13 5.43 -10.65	140.34 5.03 1.90	141.61 4.95 -12.04	130.28 5.14 -0.02	149.90 3.57 -59.58	188.16 7.38 -0.61	171.46 4.81 -50.25	158.08 4.92 -51.74
ROARING___BROOK_WT_PWR 323790	175.90 -0.19 0.00	122.68 -0.25 0.00	125.69 -0.49 0.00	105.44 -0.59 0.00	103.94 -0.75 0.00	109.12 -0.90 0.00	103.08 -0.96 0.00	112.82 -0.95 0.00	121.91 -1.32 0.00	132.69 -1.38 0.00	171.94 -1.65 0.00	115.04 -1.83 0.00	130.02 -2.29 0.00	90.13 -0.95 0.00	144.63 -1.13 0.00	125.61 -1.66 0.00	130.97 -2.08 0.00	134.95 -2.25 0.00	122.62 -2.00 0.00	122.97 -2.16 0.00	85.03 -1.72 0.00	177.53 -2.64 0.00	114.43 -1.98 0.00	99.41 -2.00 0.00

ROCHESRG_115KV_T4 355643	165.55 -10.54 0.00	114.90 -8.02 0.00	118.14 -8.04 0.00	99.29 -6.74 0.00	98.47 -6.23 0.00	103.45 -6.57 0.00	97.45 -6.59 0.00	105.43 -8.43 -0.08	114.18 -9.09 -0.04	123.89 -10.22 -0.03	158.50 -13.72 1.36	113.73 -9.27 -6.13	122.61 -10.74 -1.04	92.89 -6.99 -8.80	133.95 -11.85 -0.03	117.01 -10.26 0.00	124.87 -10.92 -2.74	127.74 -11.02 2.22	112.07 -10.33 -3.49	118.27 -10.35 3.12	76.32 -7.31 24.31	140.53 -15.33 -4.97	111.87 -9.51 -5.12	99.20 -7.33 -5.12
ROCHESTER_9_IC 23652	166.45 -9.64 0.00	115.53 -7.40 0.00	118.78 -7.40 0.00	99.83 -6.21 0.00	99.01 -5.69 0.00	104.05 -5.97 0.00	98.08 -5.96 0.00	106.19 -7.69 -0.11	114.99 -8.29 -0.05	124.77 -9.33 -0.03	159.61 -12.58 1.40	114.45 -8.51 -6.09	123.47 -9.88 -1.03	93.51 -6.43 -8.87	134.90 -10.89 -0.02	117.83 -9.45 0.00	125.42 -10.04 -2.42	128.85 -10.07 -1.73	114.39 -9.48 0.75	120.14 -9.54 -4.55	77.04 -6.76 2.95	141.17 -14.23 24.77	112.59 -8.84 -5.01	99.78 -6.79 -5.16
ROCKVIEW_13_KV_LD 356306	189.25 13.17 0.00	132.83 9.90 0.00	136.57 10.39 0.00	114.72 8.69 0.00	113.17 8.48 0.00	119.03 9.00 0.00	112.81 8.77 0.00	132.69 10.09 -8.83	139.52 10.86 -5.43	151.90 11.39 -6.44	197.65 14.72 -9.35	206.11 9.16 -80.08	152.77 10.27 -10.20	166.70 6.83 -68.79	157.47 11.71 0.01	138.57 11.28 -0.01	154.09 12.23 -8.81	183.18 12.33 -33.65	145.33 11.04 -9.66	136.29 11.15 -0.01	142.28 7.73 -47.79	196.75 16.08 -0.49	167.00 10.28 -40.31	151.07 8.15 -41.51
ROME____115KV_TB2 80656	184.45 8.36 0.00	128.74 5.81 0.00	132.14 5.95 0.00	110.77 4.73 0.00	109.71 5.01 0.00	115.59 5.57 0.00	109.63 5.58 0.00	120.19 6.42 0.00	130.13 6.90 0.00	141.69 7.62 0.00	183.54 9.95 0.00	127.21 6.19 -4.16	139.52 6.68 -0.53	99.41 4.78 -3.56	153.47 7.70 0.00	133.65 6.38 0.00	139.87 6.41 -0.41	143.26 6.06 0.00	130.58 5.49 -0.47	130.49 5.36 0.00	92.65 3.57 -2.33	187.31 7.11 -0.02	122.72 4.34 -1.97	106.50 3.07 -2.02
ROSETON___1 23587	186.62 10.53 0.00	130.86 7.93 0.00	134.53 8.35 0.00	113.03 7.00 0.00	111.49 6.79 0.00	117.24 7.21 0.00	111.09 7.05 0.00	130.55 8.04 -8.74	137.38 8.67 -5.48	149.53 9.08 -6.38	194.64 11.81 -9.25	203.23 7.20 -79.17	150.42 8.03 -10.08	164.48 5.35 -68.05	154.99 9.24 0.01	136.34 9.06 -0.01	151.77 10.02 -8.71	180.30 10.05 -33.04	143.09 8.91 -9.56	134.16 9.02 -0.01	140.27 6.25 -47.26	193.51 12.85 -0.49	164.53 8.26 -39.86	148.99 6.53 -41.05
ROSETON___2 23588	186.62 10.53 0.00	130.86 7.93 0.00	134.53 8.35 0.00	113.03 7.00 0.00	111.49 6.79 0.00	117.24 7.21 0.00	111.09 7.05 0.00	130.55 8.04 -8.74	137.38 8.67 -5.48	149.53 9.08 -6.38	194.64 11.81 -9.25	203.23 7.20 -79.17	150.42 8.03 -10.08	164.48 5.35 -68.05	154.99 9.24 0.01	136.34 9.06 -0.01	151.77 10.02 -8.71	180.30 10.05 -33.04	143.09 8.91 -9.56	134.16 9.02 -0.01	140.27 6.25 -47.26	193.51 12.85 -0.49	164.53 8.26 -39.86	148.99 6.53 -41.05
ROTRDAM_115KV_TB3 80664	182.56 6.47 0.00	127.56 4.63 0.00	130.99 4.81 0.00	110.10 4.06 0.00	108.68 3.98 0.00	114.27 4.24 0.00	108.25 4.21 0.00	176.42 4.68 -57.97	171.08 5.05 -42.80	203.84 5.41 -64.35	247.22 6.99 -66.65	230.18 4.11 -109.21	150.51 4.29 -13.91	187.82 2.92 -93.83	150.80 5.03 0.00	132.18 4.89 -0.01	149.57 5.49 -11.04	140.32 5.45 2.33	142.35 5.19 -12.53	130.40 5.26 -0.02	152.41 3.66 -62.00	188.21 7.40 -0.64	173.37 4.67 -52.29	159.11 3.85 -53.85
RUSSELL___1 23602	167.32 -8.78 0.00	116.09 -6.84 0.00	119.36 -6.82 0.00	100.31 -5.73 0.00	99.51 -5.19 0.00	104.58 -5.44 0.00	98.66 -5.39 0.00	106.85 -7.03 -0.11	115.72 -7.56 -0.05	125.51 -8.59 -0.03	160.59 -11.60 1.40	115.13 -7.83 -6.10	124.24 -9.11 -1.03	94.01 -5.93 -8.87	135.69 -10.10 -0.02	118.65 -8.63 0.00	126.25 -9.22 -2.42	129.73 -9.20 -1.73	115.20 -8.67 0.76	120.95 -8.72 -4.54	77.59 -6.21 2.95	142.26 -13.15 24.77	113.23 -8.20 -5.01	100.30 -6.27 -5.16
RUSSELL___2 23532	167.32 -8.78 0.00	116.09 -6.84 0.00	119.36 -6.82 0.00	100.31 -5.73 0.00	99.51 -5.19 0.00	104.58 -5.44 0.00	98.66 -5.39 0.00	106.85 -7.03 -0.11	115.72 -7.56 -0.05	125.51 -8.59 -0.03	160.59 -11.60 1.40	115.13 -7.83 -6.10	124.24 -9.11 -1.03	94.01 -5.93 -8.87	135.69 -10.10 -0.02	118.65 -8.63 0.00	126.25 -9.22 -2.42	129.73 -9.20 -1.73	115.20 -8.67 0.76	120.95 -8.72 -4.54	77.59 -6.21 2.95	142.26 -13.15 24.77	113.23 -8.20 -5.01	100.30 -6.27 -5.16
RUSSELL___3 23549	167.32 -8.78 0.00	116.09 -6.84 0.00	119.36 -6.82 0.00	100.31 -5.73 0.00	99.51 -5.19 0.00	104.58 -5.44 0.00	98.66 -5.39 0.00	106.85 -7.03 -0.11	115.72 -7.56 -0.05	125.51 -8.59 -0.03	160.59 -11.60 1.40	115.13 -7.83 -6.10	124.24 -9.11 -1.03	94.01 -5.93 -8.87	135.69 -10.10 -0.02	118.65 -8.63 0.00	126.25 -9.22 -2.42	129.73 -9.20 -1.73	115.20 -8.67 0.76	120.95 -8.72 -4.54	77.59 -6.21 2.95	142.26 -13.15 24.77	113.23 -8.20 -5.01	100.30 -6.27 -5.16
RUSSELL___4 23556	167.32 -8.78 0.00	116.09 -6.84 0.00	119.36 -6.82 0.00	100.31 -5.73 0.00	99.51 -5.19 0.00	104.58 -5.44 0.00	98.66 -5.39 0.00	106.85 -7.03 -0.11	115.72 -7.56 -0.05	125.51 -8.59 -0.03	160.59 -11.60 1.40	115.13 -7.83 -6.10	124.24 -9.11 -1.03	94.01 -5.93 -8.87	135.69 -10.10 -0.02	118.65 -8.63 0.00	126.25 -9.22 -2.42	129.73 -9.20 -1.73	115.20 -8.67 0.76	120.95 -8.72 -4.54	77.59 -6.21 2.95	142.26 -13.15 24.77	113.23 -8.20 -5.01	100.30 -6.27 -5.16
RUSSELL___STATION 23914	167.32 -8.78 0.00	116.09 -6.84 0.00	119.36 -6.82 0.00	100.31 -5.73 0.00	99.51 -5.19 0.00	104.58 -5.44 0.00	98.66 -5.39 0.00	106.85 -7.03 -0.11	115.72 -7.56 -0.05	125.51 -8.59 -0.03	160.59 -11.60 1.40	115.13 -7.83 -6.10	124.24 -9.11 -1.03	94.01 -5.93 -8.87	135.69 -10.10 -0.02	118.65 -8.63 0.00	126.25 -9.22 -2.42	129.73 -9.20 -1.73	115.20 -8.67 0.76	120.95 -8.72 -4.54	77.59 -6.21 2.95	142.26 -13.15 24.77	113.23 -8.20 -5.01	100.30 -6.27 -5.16
S SALMON___HYD 24043	174.78 -1.31 0.00	122.03 -0.90 0.00	125.26 -0.92 0.00	104.85 -1.18 0.00	103.84 -0.86 0.00	109.30 -0.72 0.00	103.57 -0.47 0.00	113.36 -0.41 0.00	122.46 -0.77 0.00	133.59 -0.48 0.00	172.90 -0.68 0.00	121.72 -1.02 -5.87	131.37 -1.69 -0.75	95.22 -0.88 -5.03	144.20 -1.56 0.00	125.23 -2.05 0.00	131.00 -2.63 -0.58	134.32 -2.88 0.00	122.72 -2.57 -0.67	122.35 -2.78 0.00	88.02 -2.04 -3.31	176.23 -3.98 -0.03	116.13 -3.07 -2.79	101.28 -3.01 -2.88
S.PERRY__115KV_TB1 80734	160.67 -15.42 0.00	111.46 -11.47 0.00	113.92 -12.26 0.00	96.48 -9.55 0.00	95.50 -9.20 0.00	100.17 -9.85 0.00	95.14 -8.90 0.00	161.28 -11.47 -58.98	140.83 -12.19 -29.79	120.47 -13.78 -0.19	156.45 -18.18 -1.05	119.46 -11.57 -14.16	120.60 -13.50 -1.79	94.60 -8.93 -12.46	129.68 -16.03 0.06	113.28 -14.00 0.00	117.56 -13.98 1.51	125.06 -13.66 -1.53	113.62 -12.70 -1.70	113.10 -12.03 0.00	90.41 -4.76 -8.42	167.82 -12.44 -0.09	115.55 -7.96 -7.10	102.49 -6.23 -7.31
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	159.91 -16.18 0.00	110.49 -12.44 0.00	113.71 -12.47 0.00	95.48 -10.55 0.00	94.99 -9.71 0.00	99.45 -10.57 0.00	93.11 -10.93 0.00	84.35 -14.20 15.22	99.91 -15.46 7.85	116.66 -17.42 0.00	150.30 -23.33 -0.05	110.79 -15.51 -9.43	115.81 -17.79 -1.29	90.66 -11.72 -11.32	125.51 -20.03 0.22	109.81 -17.46 0.00	104.08 -18.62 10.34	119.10 -18.74 -0.64	96.02 -17.37 11.23	102.71 -17.28 5.13	75.26 -12.11 -0.63	141.76 -24.94 13.47	107.83 -15.11 -6.52	97.02 -11.11 -6.72

SAWYER___23_KV_LOAD 55526	159.91 -16.18 0.00	110.49 -12.44 0.00	113.71 -12.47 0.00	95.48 -10.55 0.00	94.99 -9.71 0.00	99.45 -10.57 0.00	93.11 -10.93 0.00	84.35 -14.20 15.22	99.91 -15.46 7.85	116.66 -17.42 0.00	150.30 -23.33 -0.05	110.79 -15.51 -9.43	115.81 -17.79 -1.29	90.66 -11.72 -11.32	125.51 -20.03 0.22	109.81 -17.46 0.00	104.08 -18.62 10.34	119.10 -18.74 -0.64	96.02 -17.37 11.23	102.71 -17.28 5.13	75.26 -12.11 -0.63	141.76 -24.94 13.47	107.83 -15.11 -6.52	97.02 -11.11 -6.72
SELKIRK___I 23801	183.25 7.16 0.00	127.98 5.05 0.00	131.48 5.30 0.00	110.49 4.46 0.00	109.06 4.37 0.00	114.60 4.58 0.00	108.58 4.54 0.00	143.05 4.77 -24.51	145.36 5.10 -17.04	163.73 5.43 -24.22	208.04 6.98 -27.47	224.03 4.23 -102.94	149.90 4.48 -13.11	182.67 3.15 -88.45	150.97 5.21 0.00	131.65 4.36 -0.01	148.41 4.93 -10.44	140.70 4.70 1.20	141.08 4.64 -11.82	129.94 4.79 -0.02	148.60 3.36 -58.49	187.73 6.95 -0.60	170.24 4.50 -49.33	156.63 4.43 -50.80
SELKIRK___II 23799	182.88 6.79 0.00	127.79 4.86 0.00	131.30 5.11 0.00	110.36 4.32 0.00	108.85 4.16 0.00	114.41 4.39 0.00	108.40 4.36 0.00	144.41 4.68 -25.96	146.43 5.06 -18.13	165.38 5.40 -25.90	209.77 7.04 -29.15	225.30 4.16 -104.27	150.16 4.57 -13.28	183.82 3.15 -89.59	150.96 5.20 0.00	131.52 4.23 -0.01	148.34 4.77 -10.53	138.96 4.48 2.72	141.02 4.44 -11.95	129.74 4.60 -0.02	149.10 3.22 -59.13	187.43 6.64 -0.61	170.61 4.33 -49.87	157.03 4.26 -51.36
SENECA OSWGO___HYD 24041	170.52 -5.57 0.00	118.95 -3.97 0.00	122.21 -3.98 0.00	102.58 -3.46 0.00	101.45 -3.25 0.00	106.72 -3.30 0.00	101.04 -3.01 0.00	110.35 -3.43 0.00	119.50 -3.73 0.00	129.89 -4.19 0.00	168.06 -5.52 0.00	119.75 -3.81 -6.70	128.73 -4.44 -0.85	93.88 -2.94 -5.75	140.81 -4.96 0.00	123.03 -4.24 0.00	129.37 -4.35 -0.68	132.78 -4.42 0.00	121.32 -4.07 -0.78	121.03 -4.10 0.00	87.66 -2.95 -3.86	174.00 -6.21 -0.04	115.57 -4.09 -3.25	101.18 -3.58 -3.35
SENECA___115KV_TB3 355854	162.63 -13.46 0.00	112.35 -10.58 0.00	115.63 -10.56 0.00	96.99 -9.05 0.00	96.55 -8.15 0.00	101.07 -8.95 0.00	94.73 -9.31 0.00	85.72 -12.31 15.75	101.65 -13.45 8.13	118.96 -15.15 -0.03	153.46 -20.33 -0.21	113.97 -13.41 -10.52	118.31 -15.42 -1.41	92.73 -10.18 -11.84	127.96 -17.60 0.20	111.84 -15.44 0.00	107.48 -16.39 9.18	122.34 -16.32 -1.46	106.93 -15.08 2.61	110.14 -14.99 0.00	79.47 -10.51 -3.23	146.96 -21.55 11.67	110.23 -12.99 -6.81	99.01 -9.42 -7.01
SENECA___ENERGY 23797	171.68 -4.41 0.00	119.46 -3.47 0.00	122.47 -3.72 0.00	102.81 -3.23 0.00	101.92 -2.78 0.00	107.23 -2.79 0.00	101.45 -2.59 0.00	115.41 -3.19 -4.83	122.31 -3.30 -2.38	130.38 -3.87 -0.17	172.73 -5.05 -4.20	134.75 -3.43 -21.31	130.28 -4.14 -2.10	97.41 -2.92 -9.25	140.67 -5.09 0.00	122.90 -4.38 0.00	129.61 -4.56 -1.13	133.81 -4.50 -1.11	142.82 -4.12 -22.32	121.01 -4.12 0.00	113.97 -3.10 -30.32	232.00 -6.64 -58.46	117.64 -4.02 -5.25	103.42 -3.40 -5.41
SHOEMAKER___GT 23640	185.20 9.11 0.00	129.77 6.84 0.00	133.39 7.21 0.00	112.06 6.02 0.00	110.57 5.87 0.00	116.30 6.27 0.00	110.21 6.17 0.00	128.81 6.99 -8.05	135.37 7.55 -4.59	147.82 7.86 -5.89	192.35 10.25 -8.52	195.74 6.26 -72.61	148.40 6.84 -9.25	158.45 4.58 -62.80	153.61 7.86 0.01	135.06 7.77 -0.01	149.77 8.79 -7.93	174.95 8.96 -28.79	141.38 7.97 -8.80	133.23 8.09 -0.01	135.86 5.59 -43.52	192.02 11.40 -0.45	160.41 7.30 -36.70	145.00 5.79 -37.79
SHOEMAKR_138KV_BK 111 55601	185.04 8.95 0.00	129.71 6.79 0.00	133.33 7.15 0.00	112.00 5.96 0.00	110.50 5.80 0.00	116.24 6.22 0.00	110.12 6.07 0.00	128.72 6.95 -8.00	135.24 7.46 -4.56	147.76 7.83 -5.85	192.19 10.14 -8.47	195.23 6.19 -72.17	148.34 6.84 -9.19	158.01 4.56 -62.38	153.57 7.81 0.01	135.04 7.75 -0.01	149.58 8.66 -7.87	174.50 8.83 -28.47	141.23 7.87 -8.74	133.11 7.97 -0.01	135.51 5.54 -43.22	191.95 11.34 -0.45	160.09 7.23 -36.45	144.65 5.70 -37.54
SHOREHAM_IC_1 23715	194.94 18.85 0.00	156.56 14.85 -18.77	149.83 15.84 -7.81	151.50 13.68 -31.78	150.88 13.46 -32.72	152.37 14.10 -28.25	150.81 13.30 -33.47	148.26 15.45 -19.04	166.44 15.84 -27.37	173.70 14.93 -24.70	205.85 17.84 -14.42	207.03 10.06 -80.10	154.41 11.90 -10.20	168.06 8.17 -68.81	165.20 16.91 -2.53	147.30 15.99 -4.04	158.90 17.04 -8.82	204.24 16.35 -50.69	188.78 15.83 -48.33	150.58 16.83 -8.62	148.21 11.20 -50.26	206.60 23.51 -2.92	174.10 14.16 -43.54	153.61 10.69 -41.52
SHOREHAM_IC_2 23716	194.94 18.85 0.00	156.56 14.85 -18.77	149.83 15.84 -7.81	151.50 13.68 -31.78	150.88 13.46 -32.72	152.37 14.10 -28.25	150.81 13.30 -33.47	148.26 15.45 -19.04	166.44 15.84 -27.37	173.70 14.93 -24.70	205.85 17.84 -14.42	207.03 10.06 -80.10	154.41 11.90 -10.20	168.06 8.17 -68.81	165.20 16.91 -2.53	147.30 15.99 -4.04	158.90 17.04 -8.82	204.24 16.35 -50.69	188.78 15.83 -48.33	150.58 16.83 -8.62	148.21 11.20 -50.26	206.60 23.51 -2.92	174.10 14.16 -43.54	153.61 10.69 -41.52
SISSONVILLE____ 23735	174.77 -1.32 0.00	121.82 -1.11 0.00	124.84 -1.35 0.00	104.90 -1.13 0.00	103.54 -1.16 0.00	108.34 -1.68 0.00	101.67 -2.37 0.00	111.38 -2.39 0.00	120.49 -2.74 0.00	131.76 -2.31 0.00	170.34 -3.25 0.00	115.15 -3.30 -1.58	128.34 -4.17 -0.20	90.66 -1.58 -1.17	143.78 -1.98 0.00	124.63 -2.65 0.00	129.65 -3.39 0.00	134.42 -2.78 0.00	121.65 -2.97 0.00	121.82 -3.30 0.00	84.53 -2.22 0.00	176.02 -4.15 0.00	114.03 -2.37 0.00	99.94 -1.47 0.00
SITHE_IND_GS1 24169	168.98 -7.11 0.00	117.85 -5.08 0.00	121.02 -5.17 0.00	101.64 -4.40 0.00	100.48 -4.22 0.00	105.62 -4.40 0.00	99.95 -4.09 0.00	109.10 -4.67 0.00	118.21 -5.02 0.00	128.50 -5.58 0.00	166.30 -7.29 0.00	117.09 -5.04 -5.26	127.15 -5.83 -0.67	91.60 -3.97 -4.49	139.36 -6.41 0.00	121.74 -5.53 0.00	128.07 -5.79 -0.82	131.29 -5.91 0.00	119.86 -5.37 -0.61	119.72 -5.41 0.00	85.94 -3.82 -3.01	172.22 -7.99 -0.03	113.81 -5.14 -2.54	99.59 -4.43 -2.62
SITHE_IND_GS2 24170	168.98 -7.11 0.00	117.85 -5.08 0.00	121.02 -5.17 0.00	101.64 -4.40 0.00	100.48 -4.22 0.00	105.62 -4.40 0.00	99.95 -4.09 0.00	109.10 -4.67 0.00	118.21 -5.02 0.00	128.50 -5.58 0.00	166.30 -7.29 0.00	117.09 -5.04 -5.26	127.15 -5.83 -0.67	91.60 -3.97 -4.49	139.36 -6.41 0.00	121.74 -5.53 0.00	128.07 -5.79 -0.82	131.29 -5.91 0.00	119.86 -5.37 -0.61	119.72 -5.41 0.00	85.94 -3.82 -3.01	172.22 -7.99 -0.03	113.81 -5.14 -2.54	99.59 -4.43 -2.62
SITHE_IND_GS3 24171	168.98 -7.11 0.00	117.85 -5.08 0.00	121.02 -5.17 0.00	101.64 -4.40 0.00	100.48 -4.22 0.00	105.62 -4.40 0.00	99.95 -4.09 0.00	109.10 -4.67 0.00	118.21 -5.02 0.00	128.50 -5.58 0.00	166.30 -7.29 0.00	117.09 -5.04 -5.26	127.15 -5.83 -0.67	91.60 -3.97 -4.49	139.36 -6.41 0.00	121.74 -5.53 0.00	128.07 -5.79 -0.82	131.29 -5.91 0.00	119.86 -5.37 -0.61	119.72 -5.41 0.00	85.94 -3.82 -3.01	172.22 -7.99 -0.03	113.81 -5.14 -2.54	99.59 -4.43 -2.62
SITHE_IND_GS4 24172	168.98 -7.11 0.00	117.85 -5.08 0.00	121.02 -5.17 0.00	101.64 -4.40 0.00	100.48 -4.22 0.00	105.62 -4.40 0.00	99.95 -4.09 0.00	109.10 -4.67 0.00	118.21 -5.02 0.00	128.50 -5.58 0.00	166.30 -7.29 0.00	117.09 -5.04 -5.26	127.15 -5.83 -0.67	91.60 -3.97 -4.49	139.36 -6.41 0.00	121.74 -5.53 0.00	128.07 -5.79 -0.82	131.29 -5.91 0.00	119.86 -5.37 -0.61	119.72 -5.41 0.00	85.94 -3.82 -3.01	172.22 -7.99 -0.03	113.81 -5.14 -2.54	99.59 -4.43 -2.62

SITHE___BATAVIA 24024	165.09 -11.00 0.00	114.26 -8.67 0.00	117.56 -8.62 0.00	98.76 -7.28 0.00	98.18 -6.52 0.00	103.15 -6.87 0.00	97.05 -7.00 0.00	98.09 -9.09 6.59	109.77 -10.01 3.45	122.86 -11.32 -0.10	157.44 -15.83 0.32	114.23 -10.72 -8.09	121.07 -12.39 -1.16	92.98 -8.17 -10.08	131.88 -13.79 0.09	115.37 -11.91 -0.01	115.78 -13.08 4.19	130.91 -12.61 -6.32	160.63 -11.89 -47.90	147.70 -11.92 -34.50	87.67 -8.59 -9.51	144.11 -17.84 18.22	111.26 -10.92 -5.77	99.46 -7.89 -5.94
SITHE___INDEPEND 23800	168.97 -7.12 0.00	117.85 -5.08 0.00	121.02 -5.16 0.00	101.64 -4.40 0.00	100.48 -4.22 0.00	105.63 -4.39 0.00	99.95 -4.09 0.00	109.09 -4.68 0.00	118.19 -5.03 0.00	128.47 -5.61 0.00	166.29 -7.30 0.00	117.07 -5.06 -5.26	127.15 -5.83 -0.67	91.59 -3.97 -4.49	139.36 -6.41 0.00	121.74 -5.54 0.00	128.12 -5.74 -0.82	131.28 -5.92 0.00	119.87 -5.36 -0.61	119.72 -5.41 0.00	85.95 -3.82 -3.01	172.21 -7.99 -0.03	113.81 -5.14 -2.54	99.59 -4.44 -2.62
SITHE___MASSENA 23902	175.80 -0.29 0.00	122.56 -0.37 0.00	125.60 -0.59 0.00	105.65 -0.39 0.00	104.25 -0.45 0.00	109.37 -0.65 0.00	102.98 -1.06 0.00	112.69 -1.08 0.00	122.22 -1.01 0.00	133.45 -0.62 0.00	172.62 -0.96 0.00	115.08 -1.79 0.00	129.76 -2.55 0.00	90.74 -0.33 0.00	145.92 0.16 0.00	126.58 -0.69 0.00	131.94 -1.10 0.00	136.71 -0.49 0.00	123.76 -0.86 0.00	124.11 -1.02 0.00	86.11 -0.64 0.00	179.30 -0.87 0.00	115.95 -0.46 0.00	101.45 0.04 0.00
SITHE___OGDNSBRG 24021	178.17 2.08 0.00	124.18 1.25 0.00	127.34 1.15 0.00	107.06 1.02 0.00	105.70 1.01 0.00	110.86 0.84 0.00	104.33 0.28 0.00	114.22 0.44 0.00	123.84 0.62 0.00	135.40 1.32 0.00	175.04 1.46 0.00	118.02 -0.28 -1.43	131.74 -0.76 -0.18	93.01 0.88 -1.05	147.73 1.97 0.00	128.15 0.88 0.00	133.51 0.47 0.00	138.58 1.38 0.00	125.35 0.73 0.00	125.59 0.46 0.00	87.11 0.36 0.00	181.29 1.12 0.00	117.28 0.87 0.00	102.59 1.18 0.00
SITHE___STERLING 23777	182.16 6.07 0.00	127.22 4.29 0.00	130.61 4.43 0.00	109.52 3.48 0.00	108.48 3.79 0.00	114.23 4.21 0.00	108.30 4.25 0.00	118.57 4.80 0.00	128.36 5.13 0.00	139.59 5.52 0.00	180.76 7.18 0.00	126.12 4.41 -4.84	137.65 4.72 -0.62	98.65 3.43 -4.15	151.28 5.52 0.00	131.92 4.64 0.00	138.23 4.70 -0.48	141.50 4.30 0.00	129.05 3.88 -0.55	128.88 3.75 0.00	91.95 2.45 -2.75	185.12 4.92 -0.03	121.81 3.09 -2.32	105.95 2.15 -2.39
SLEIGHT__34_KV_TB1 80719	177.22 1.13 0.00	119.11 -3.82 0.00	121.14 -5.05 0.00	101.83 -4.20 0.00	100.97 -3.73 0.00	106.25 -3.77 0.00	100.40 -3.64 0.00	111.39 -2.39 0.00	124.52 1.30 0.01	135.21 1.13 -0.01	174.62 1.34 0.31	126.64 0.62 -9.15	133.83 0.30 -1.23	95.01 -4.66 -8.60	138.71 -7.07 -0.02	121.34 -5.94 0.00	128.80 -6.54 -2.29	130.65 -7.57 -1.02	105.06 -7.23 12.34	117.84 -7.29 0.00	71.77 -5.28 9.70	131.49 -11.32 37.36	114.06 -7.19 -4.84	100.74 -5.65 -4.98
SOUTH CAIRO___GT 23612	194.59 18.50 0.00	135.64 12.71 0.00	139.29 13.11 0.00	117.12 11.08 0.00	115.70 11.01 0.00	121.95 11.93 0.00	115.93 11.89 0.00	150.30 13.10 -23.43	153.93 14.43 -16.27	172.42 15.21 -23.13	218.70 18.87 -26.25	226.60 11.19 -98.54	155.62 10.76 -12.55	183.77 8.00 -84.71	158.84 13.09 0.00	138.66 11.37 -0.01	156.19 13.23 -9.91	155.90 14.01 -4.69	148.95 12.93 -11.40	138.01 12.87 -0.02	151.73 8.61 -56.37	198.46 17.71 -0.58	174.85 10.90 -47.54	160.34 9.98 -48.96
SOUTH HAMPTN___IC 23720	196.84 20.75 0.00	158.09 16.41 -18.74	151.40 17.41 -7.80	152.74 14.97 -31.74	152.15 14.78 -32.67	153.78 15.55 -28.21	152.15 14.68 -33.42	149.84 17.05 -19.03	167.83 17.26 -27.34	175.18 16.43 -24.67	208.17 20.18 -14.41	208.54 11.58 -80.10	155.72 13.21 -10.20	169.14 9.25 -68.81	166.97 18.67 -2.53	148.95 17.63 -4.04	160.50 18.64 -8.82	205.90 18.04 -50.66	190.41 17.51 -48.28	152.18 18.45 -8.60	149.18 12.18 -50.26	208.10 25.01 -2.91	174.92 14.98 -43.53	154.09 11.16 -41.52
SOUTHDOW_115KV_TB1 355954	168.52 -7.57 0.00	116.22 -6.71 0.00	119.47 -6.72 0.00	99.43 -6.61 0.00	99.67 -5.03 0.00	104.08 -5.95 0.00	97.90 -6.14 0.00	96.80 -8.83 8.13	109.21 -9.75 4.27	122.93 -11.21 -0.07	158.78 -15.32 -0.51	118.85 -10.34 -12.32	121.97 -11.95 -1.60	95.69 -8.16 -12.78	131.01 -14.57 0.18	114.40 -12.88 0.00	110.91 -13.90 8.24	125.32 -13.46 -1.58	110.98 -12.40 1.24	112.75 -12.38 0.00	83.06 -8.96 -5.27	154.02 -17.93 8.23	112.87 -10.88 -7.34	101.11 -7.85 -7.56
SOUTHOLD_69_KV_BK 2 55809	199.91 23.82 0.00	160.57 18.89 -18.75	153.98 20.00 -7.80	154.80 17.03 -31.74	154.25 16.88 -32.67	156.15 17.92 -28.21	154.34 16.87 -33.43	152.44 19.64 -19.03	168.79 18.22 -27.34	175.92 17.17 -24.68	211.55 23.55 -14.41	210.48 13.51 -80.10	155.48 12.97 -10.20	170.12 10.24 -68.81	169.82 21.53 -2.53	151.59 20.28 -4.04	161.51 19.64 -8.82	207.28 19.42 -50.66	193.18 20.28 -48.28	154.74 21.01 -8.60	150.74 13.73 -50.26	210.66 27.57 -2.91	176.12 16.18 -43.53	154.60 11.68 -41.52
SOUTHOLD___IC 23719	199.93 23.84 0.00	160.57 18.90 -18.75	153.98 19.99 -7.80	154.80 17.03 -31.74	154.25 16.88 -32.67	156.14 17.91 -28.21	154.34 16.87 -33.43	152.38 19.58 -19.03	168.80 18.23 -27.34	175.87 17.12 -24.68	211.64 23.64 -14.41	210.51 13.54 -80.10	155.49 12.98 -10.20	170.12 10.24 -68.81	169.80 21.51 -2.53	151.59 20.28 -4.04	161.56 19.70 -8.82	207.26 19.40 -50.66	193.20 20.30 -48.28	154.75 21.02 -8.60	150.73 13.72 -50.26	210.19 27.10 -2.91	176.12 16.18 -43.53	154.61 11.68 -41.52
SOUTH_FORK_WT_PWR 323839	199.81 23.72 0.00	160.86 19.18 -18.74	154.29 20.30 -7.80	154.97 17.19 -31.74	154.41 17.04 -32.67	156.36 18.13 -28.21	154.45 16.98 -33.42	152.62 19.82 -19.03	169.81 19.24 -27.34	176.89 18.15 -24.67	211.88 23.88 -14.41	210.89 13.92 -80.10	157.09 14.58 -10.20	170.66 10.79 -68.81	170.15 21.86 -2.53	151.89 20.57 -4.04	162.70 20.84 -8.82	208.37 20.51 -50.66	193.38 20.48 -48.28	154.75 21.02 -8.60	150.60 13.60 -50.26	209.79 26.70 -2.91	175.50 15.56 -43.53	153.78 10.85 -41.52
SPIERFLS_115KV_TB 1 80737	188.89 12.80 0.00	132.01 9.08 0.00	135.45 9.27 0.00	113.80 7.76 0.00	112.46 7.77 0.00	118.50 8.48 0.00	112.67 8.63 0.00	177.86 10.06 -54.03	173.65 10.65 -39.77	205.41 11.71 -59.63	250.77 15.14 -62.04	233.63 8.62 -108.15	153.91 7.82 -13.77	188.89 4.90 -92.92	153.86 8.10 0.00	135.23 7.93 -0.01	153.09 9.10 -10.95	144.42 9.02 1.79	145.17 8.14 -12.41	133.39 8.24 -0.02	153.72 5.59 -61.38	191.74 10.94 -0.63	175.04 6.86 -51.76	160.05 5.33 -53.31
ST LAWRENCE____ 23600	174.20 -1.89 0.00	121.48 -1.45 0.00	124.48 -1.70 0.00	104.72 -1.31 0.00	103.31 -1.38 0.00	108.47 -1.55 0.00	102.25 -1.79 0.00	111.86 -1.91 0.00	121.36 -1.87 0.00	132.46 -1.62 0.00	171.34 -2.24 0.00	114.21 -2.66 0.00	128.71 -3.60 0.00	90.05 -1.02 0.00	145.07 -0.69 0.00	125.97 -1.31 0.00	131.35 -1.69 0.00	136.02 -1.18 0.00	123.13 -1.49 0.00	123.49 -1.64 0.00	85.70 -1.05 0.00	178.12 -2.05 0.00	115.11 -1.30 0.00	100.65 -0.76 0.00
STATE_CA_115KV_115_LB 55624	184.43 8.34 0.00	128.81 5.87 0.00	132.31 6.12 0.00	111.22 5.18 0.00	109.73 5.03 0.00	115.31 5.29 0.00	109.35 5.31 0.00	157.38 5.72 -37.89	156.72 6.16 -27.33	181.07 6.76 -40.24	225.55 8.84 -43.13	228.12 5.40 -105.86	151.75 5.95 -13.48	186.15 4.13 -90.95	152.34 6.58 0.00	132.26 4.98 -0.01	149.43 5.68 -10.71	140.42 5.30 2.07	141.85 5.11 -12.12	130.43 5.28 -0.02	150.39 3.67 -59.97	188.39 7.59 -0.62	171.94 4.95 -50.58	158.69 5.20 -52.08

STATE_ST_34_KV_LOAD 55959	176.53 0.44 0.00	122.60 -0.33 0.00	125.36 -0.82 0.00	105.38 -0.65 0.00	104.37 -0.32 0.00	109.87 -0.15 0.00	103.88 -0.16 0.00	114.62 0.01 -0.85	124.29 0.72 -0.34	134.77 0.53 -0.17	176.30 0.53 -2.19	131.94 0.16 -14.91	133.53 -0.43 -1.65	99.30 -0.86 -9.09	144.55 -1.21 0.00	126.53 -0.75 0.00	133.45 -0.70 -1.11	138.28 -0.01 -1.10	134.91 -0.02 -10.31	125.11 -0.02 0.00	102.73 -0.51 -16.49	204.17 -1.21 -25.21	121.12 -0.46 -5.16	106.16 -0.57 -5.32
STATION_5_MISC_HYD 23604	166.44 -9.66 0.00	115.54 -7.39 0.00	118.79 -7.40 0.00	99.84 -6.20 0.00	99.02 -5.67 0.00	104.06 -5.97 0.00	98.10 -5.94 0.00	106.38 -7.50 -0.11	115.00 -8.28 -0.05	124.82 -9.28 -0.03	159.57 -12.62 1.40	114.45 -8.51 -6.09	123.46 -9.89 -1.03	93.52 -6.42 -8.87	134.91 -10.88 -0.02	117.81 -9.47 0.00	125.17 -10.29 -2.41	128.83 -10.10 -1.73	114.36 -9.51 0.75	120.11 -9.56 -4.55	77.00 -6.80 2.95	141.25 -14.15 24.77	112.61 -8.81 -5.01	99.79 -6.78 -5.16
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	171.04 -5.05 0.00	118.84 -4.09 0.00	122.06 -4.12 0.00	102.49 -3.55 0.00	101.68 -3.02 0.00	106.93 -3.09 0.00	101.05 -2.99 0.00	109.77 -4.00 0.00	119.04 -4.18 0.01	129.25 -4.84 -0.02	164.18 -6.59 2.82	113.90 -4.54 -1.57	127.56 -5.47 -0.72	96.31 -3.61 -8.84	139.45 -6.33 -0.01	121.85 -5.43 0.00	129.26 -5.66 -1.87	132.63 -5.63 -1.06	102.88 -5.34 16.40	119.71 -5.42 0.00	68.59 -3.96 14.19	122.87 -8.57 48.73	116.07 -5.34 -5.00	102.34 -4.22 -5.15
STA_56_34_KV_BUS2_REV_LBMP_B 345033	166.14 -9.94 0.00	115.37 -7.56 0.00	118.63 -7.56 0.00	99.70 -6.34 0.00	98.86 -5.84 0.00	103.90 -6.12 0.00	97.98 -6.06 0.00	106.16 -7.72 -0.10	114.94 -8.33 -0.05	124.78 -9.32 -0.02	159.35 -12.56 1.67	113.49 -8.51 -5.13	123.40 -9.88 -0.96	93.53 -6.32 -8.78	134.94 -10.85 -0.02	117.88 -9.39 0.00	125.35 -9.97 -2.27	128.86 -10.02 -1.69	112.33 -9.44 2.85	119.94 -9.52 -4.33	74.92 -6.76 5.07	136.29 -14.27 29.62	112.49 -8.89 -4.97	99.64 -6.88 -5.12
STA_56___34_KV_BUS2 355983	166.14 -9.94 0.00	115.37 -7.56 0.00	118.63 -7.56 0.00	99.70 -6.34 0.00	98.86 -5.84 0.00	103.90 -6.12 0.00	97.98 -6.06 0.00	106.16 -7.72 -0.10	114.94 -8.33 -0.05	124.78 -9.32 -0.02	159.35 -12.56 1.67	113.49 -8.51 -5.13	123.40 -9.88 -0.96	93.53 -6.32 -8.78	134.94 -10.85 -0.02	117.88 -9.39 0.00	125.35 -9.97 -2.27	128.86 -10.02 -1.69	112.33 -9.44 2.85	119.94 -9.52 -4.33	74.92 -6.76 5.07	136.29 -14.27 29.62	112.49 -8.89 -4.97	99.64 -6.88 -5.12
STA_67___115KV_BK2 355882	166.10 -9.99 0.00	115.28 -7.65 0.00	118.53 -7.65 0.00	99.62 -6.42 0.00	98.80 -5.90 0.00	103.80 -6.22 0.00	97.84 -6.21 0.00	105.89 -7.98 -0.10	114.66 -8.61 -0.05	124.41 -9.69 -0.03	159.15 -13.04 1.39	114.16 -8.81 -6.10	123.12 -10.23 -1.04	93.27 -6.66 -8.86	134.48 -11.31 -0.03	117.52 -9.75 0.00	125.12 -10.39 -2.46	128.45 -10.46 -1.71	113.83 -9.82 0.97	119.65 -9.87 -4.40	76.80 -6.97 2.97	140.83 -14.64 24.70	112.32 -9.10 -5.01	99.57 -7.00 -5.16
STA_7___115KV_9TRANS 80674	167.32 -8.78 0.00	116.09 -6.84 0.00	119.36 -6.82 0.00	100.31 -5.73 0.00	99.51 -5.19 0.00	104.58 -5.44 0.00	98.66 -5.39 0.00	106.85 -7.03 -0.11	115.72 -7.56 -0.05	125.51 -8.59 -0.03	160.59 -11.60 1.40	115.13 -7.83 -6.10	124.24 -9.11 -1.03	94.01 -5.93 -8.87	135.69 -10.10 -0.02	118.65 -8.63 0.00	126.25 -9.22 -2.42	129.73 -9.20 -1.73	115.20 -8.67 0.76	120.95 -8.72 -4.54	77.59 -6.21 2.95	142.26 -13.15 24.77	113.23 -8.20 -5.01	100.30 -6.27 -5.16
STA_82___115KV_TB1 80780	166.11 -9.98 0.00	115.29 -7.64 0.00	118.53 -7.65 0.00	99.63 -6.41 0.00	98.81 -5.88 0.00	103.84 -6.19 0.00	97.86 -6.19 0.00	105.93 -7.96 -0.13	114.73 -8.56 -0.06	124.43 -9.67 -0.02	159.16 -13.00 1.42	114.13 -8.81 -6.07	123.14 -10.21 -1.03	93.32 -6.66 -8.91	134.51 -11.28 -0.02	117.52 -9.75 0.00	124.87 -10.37 -2.19	128.62 -10.42 -1.84	115.06 -9.80 -0.24	120.56 -9.83 -5.27	76.95 -6.96 2.84	140.46 -14.63 25.09	112.37 -9.08 -5.04	99.61 -6.99 -5.19
STEEL___WIND 323596	162.40 -13.68 0.00	112.26 -10.67 0.00	115.46 -10.73 0.00	96.88 -9.15 0.00	96.41 -8.29 0.00	100.92 -9.10 0.00	94.62 -9.42 0.00	85.83 -12.19 15.75	101.44 -13.66 8.13	118.88 -15.23 -0.03	153.14 -20.66 -0.21	113.78 -13.60 -10.52	118.18 -15.54 -1.41	92.64 -10.27 -11.84	127.80 -17.76 0.20	111.57 -15.71 0.00	106.83 -17.03 9.18	122.05 -16.61 -1.46	106.66 -15.35 2.61	109.85 -15.27 0.00	79.23 -10.75 -3.23	146.69 -21.81 11.67	110.03 -13.19 -6.81	98.82 -9.61 -7.01
STEPHTWN_115KV_BK_2 55603	186.95 10.86 0.00	130.32 7.39 0.00	133.87 7.69 0.00	112.44 6.41 0.00	111.18 6.48 0.00	116.94 6.92 0.00	110.94 6.89 0.00	152.62 7.56 -31.29	153.72 8.24 -22.24	175.12 8.74 -32.31	220.46 11.48 -35.39	228.62 6.96 -104.79	153.26 7.61 -13.34	186.31 5.21 -90.03	154.20 8.44 0.00	133.98 6.70 -0.01	151.37 7.72 -10.60	142.72 7.60 2.08	143.70 7.08 -12.00	132.47 7.33 -0.02	151.16 5.05 -59.36	191.10 10.31 -0.61	173.17 6.70 -50.06	159.48 6.52 -51.55
STEUBEN_REC_LFGE 323667	169.80 -6.30 0.00	116.99 -5.94 0.00	120.42 -5.77 0.00	100.59 -5.44 0.00	99.26 -5.44 0.00	103.20 -6.82 0.00	99.05 -4.99 0.00	148.79 -6.76 -41.79	135.64 -9.02 -21.43	125.09 -10.62 -1.64	165.26 -11.87 -3.54	132.29 -6.19 -21.62	128.20 -6.62 -2.51	102.16 -4.66 -15.75	136.38 -9.29 0.09	117.54 -9.73 0.00	121.24 -8.92 2.88	130.33 -8.82 -1.95	126.37 -7.86 -9.62	116.96 -8.17 0.00	100.57 -5.37 -19.19	190.02 -10.95 -20.80	118.83 -6.56 -8.99	105.65 -5.02 -9.25
STILLWATER___SOLAR 323814	186.99 10.90 0.00	130.61 7.68 0.00	134.11 7.93 0.00	112.67 6.63 0.00	111.25 6.56 0.00	117.08 7.06 0.00	111.16 7.11 0.00	173.87 8.04 -52.06	170.09 8.61 -38.25	200.68 9.35 -57.26	245.38 12.07 -59.73	231.69 7.21 -107.61	153.41 7.39 -13.70	188.54 5.00 -92.46	154.15 8.39 0.00	135.22 7.93 -0.01	152.93 8.98 -10.90	144.54 8.86 1.52	145.14 8.18 -12.35	133.43 8.29 -0.02	153.51 5.69 -61.07	192.16 11.36 -0.63	175.13 7.22 -51.50	160.38 5.94 -53.03
STONY___BROOK 24151	192.82 16.73 0.00	155.07 13.31 -18.83	148.31 14.29 -7.83	150.32 12.40 -31.88	149.68 12.17 -32.82	150.96 12.61 -28.33	149.41 11.80 -33.57	146.76 13.92 -19.07	165.02 14.35 -27.44	173.31 14.48 -24.76	205.39 17.37 -14.44	206.80 9.83 -80.10	154.54 12.02 -10.20	167.98 8.10 -68.81	163.88 15.58 -2.54	146.31 14.98 -4.06	158.03 16.17 -8.82	202.73 14.79 -50.74	187.32 14.25 -48.45	149.57 15.80 -8.64	147.52 10.50 -50.27	204.38 21.29 -2.92	172.85 12.89 -43.54	152.76 9.83 -41.52
STURGEON_POOL_HYD 23609	193.29 17.20 0.00	135.48 12.55 0.00	139.23 13.05 0.00	117.00 10.96 0.00	115.52 10.82 0.00	121.68 11.65 0.00	115.51 11.47 0.00	139.05 13.15 -12.12	145.28 14.26 -7.79	159.37 14.98 -10.32	205.77 19.00 -13.19	210.92 11.88 -82.17	155.89 13.11 -10.46	170.45 8.72 -70.67	160.50 14.74 0.01	141.78 14.50 -0.01	157.94 16.11 -8.79	178.93 16.77 -24.96	149.23 14.82 -9.79	140.00 14.85 -0.01	145.40 10.20 -48.45	201.36 20.69 -0.50	170.33 13.06 -40.86	153.75 10.26 -42.08
ST_LAW_115_BK7_LBMP 345037	174.07 -2.02 0.00	121.40 -1.53 0.00	124.41 -1.78 0.00	104.64 -1.39 0.00	103.25 -1.45 0.00	108.38 -1.65 0.00	102.14 -1.91 0.00	111.71 -2.06 0.00	121.22 -2.01 0.00	132.32 -1.75 0.00	171.15 -2.44 0.00	114.09 -2.77 0.00	128.59 -3.73 0.00	89.99 -1.08 0.00	144.94 -0.82 0.00	125.82 -1.45 0.00	131.15 -1.90 0.00	135.86 -1.34 0.00	122.96 -1.66 0.00	123.32 -1.80 0.00	85.57 -1.18 0.00	177.91 -2.26 0.00	115.02 -1.39 0.00	100.55 -0.86 0.00

ST_LAW_115_BK8_LBMP 345038	174.07 -2.02 0.00	121.40 -1.53 0.00	124.41 -1.78 0.00	104.64 -1.39 0.00	103.25 -1.45 0.00	108.38 -1.65 0.00	102.14 -1.91 0.00	111.71 -2.06 0.00	121.22 -2.01 0.00	132.32 -1.75 0.00	171.15 -2.44 0.00	114.09 -2.77 0.00	128.59 -3.73 0.00	89.99 -1.08 0.00	144.94 -0.82 0.00	125.82 -1.45 0.00	131.15 -1.90 0.00	135.86 -1.34 0.00	122.96 -1.66 0.00	123.32 -1.80 0.00	85.57 -1.18 0.00	177.91 -2.26 0.00	115.02 -1.39 0.00	100.55 -0.86 0.00
ST_LAW_230_BK5_LBMP 345035	174.20 -1.89 0.00	121.48 -1.45 0.00	124.48 -1.70 0.00	104.72 -1.31 0.00	103.31 -1.38 0.00	108.47 -1.55 0.00	102.25 -1.79 0.00	111.86 -1.91 0.00	121.36 -1.87 0.00	132.46 -1.62 0.00	171.34 -2.24 0.00	114.21 -2.66 0.00	128.71 -3.60 0.00	90.05 -1.02 0.00	145.07 -0.69 0.00	125.97 -1.31 0.00	131.35 -1.69 0.00	136.02 -1.18 0.00	123.13 -1.49 0.00	123.49 -1.64 0.00	85.70 -1.05 0.00	178.12 -2.05 0.00	115.11 -1.30 0.00	100.65 -0.76 0.00
ST_LAW_230_BK6_LBMP 345036	174.20 -1.89 0.00	121.48 -1.45 0.00	124.48 -1.70 0.00	104.72 -1.31 0.00	103.31 -1.38 0.00	108.47 -1.55 0.00	102.25 -1.79 0.00	111.86 -1.91 0.00	121.36 -1.87 0.00	132.46 -1.62 0.00	171.34 -2.24 0.00	114.21 -2.66 0.00	128.71 -3.60 0.00	90.05 -1.02 0.00	145.07 -0.69 0.00	125.97 -1.31 0.00	131.35 -1.69 0.00	136.02 -1.18 0.00	123.13 -1.49 0.00	123.49 -1.64 0.00	85.70 -1.05 0.00	178.12 -2.05 0.00	115.11 -1.30 0.00	100.65 -0.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	185.97 9.88 0.00	130.41 7.48 0.00	134.07 7.88 0.00	112.61 6.57 0.00	111.08 6.39 0.00	116.86 6.84 0.00	110.73 6.69 0.00	129.59 7.60 -8.22	136.10 8.18 -4.69	148.67 8.59 -6.01	193.55 11.26 -8.70	197.91 6.97 -74.08	149.48 7.73 -9.43	160.35 5.09 -64.18	154.55 8.79 0.01	135.94 8.65 -0.01	150.77 9.59 -8.14	176.85 9.78 -29.87	142.30 8.69 -9.00	133.95 8.81 -0.01	137.38 6.12 -44.50	193.13 12.50 -0.46	161.97 8.02 -37.53	146.35 6.30 -38.65
SWANROAD_115KV_TB1 355699	154.87 -21.22 0.00	107.18 -15.75 0.00	110.37 -15.81 0.00	92.80 -13.24 0.00	92.37 -12.33 0.00	96.75 -13.27 0.00	90.36 -13.68 0.00	85.04 -17.49 11.25	98.51 -18.89 5.83	112.94 -21.16 -0.03	145.05 -28.46 0.08	106.96 -19.01 -9.11	111.84 -21.71 -1.24	87.66 -14.34 -10.92	121.36 -24.22 0.19	106.34 -20.94 0.00	101.55 -22.49 9.00	118.89 -22.84 -4.54	133.05 -21.14 -29.57	125.65 -21.10 -21.62	79.85 -14.78 -7.88	135.24 -30.51 14.43	104.27 -18.42 -6.29	94.30 -13.58 -6.47
SYNERGY___BIOGAS 323694	165.09 -11.00 0.00	114.26 -8.67 0.00	117.56 -8.62 0.00	98.76 -7.28 0.00	98.18 -6.52 0.00	103.15 -6.87 0.00	97.05 -7.00 0.00	98.09 -9.09 6.59	109.77 -10.01 3.45	122.86 -11.32 -0.10	157.44 -15.83 0.32	114.23 -10.72 -8.09	121.07 -12.39 -1.16	92.98 -8.17 -10.08	131.88 -13.79 0.09	115.37 -11.91 -0.01	115.78 -13.08 4.19	130.91 -12.61 -6.32	160.63 -11.89 -47.90	147.70 -11.92 -34.50	87.67 -8.59 -9.51	144.11 -17.84 18.22	111.26 -10.92 -5.77	99.46 -7.89 -5.94
SYRACUSE___ENERGY_ST1 323597	174.05 -2.04 0.00	121.33 -1.60 0.00	124.59 -1.60 0.00	104.47 -1.56 0.00	103.33 -1.36 0.00	108.69 -1.34 0.00	102.88 -1.17 0.00	112.43 -1.35 0.00	121.81 -1.42 0.00	132.15 -1.93 0.00	171.49 -2.57 -0.47	124.90 -1.93 -9.96	131.11 -2.39 -1.18	96.74 -1.62 -7.29	143.16 -2.60 0.00	125.24 -2.04 0.00	131.95 -1.99 -0.89	136.14 -1.92 -0.86	126.95 -1.74 -4.07	123.35 -1.78 0.00	93.75 -1.42 -8.42	185.67 -3.09 -8.59	118.60 -1.94 -4.13	103.94 -1.73 -4.26
SYRACUSE___ENERGY_ST2 323598	174.05 -2.04 0.00	121.33 -1.60 0.00	124.59 -1.60 0.00	104.47 -1.56 0.00	103.33 -1.36 0.00	108.69 -1.34 0.00	102.88 -1.17 0.00	112.43 -1.35 0.00	121.81 -1.42 0.00	132.15 -1.93 0.00	171.49 -2.57 -0.47	124.90 -1.93 -9.96	131.11 -2.39 -1.18	96.74 -1.62 -7.29	143.16 -2.60 0.00	125.24 -2.04 0.00	131.95 -1.99 -0.89	136.14 -1.92 -0.86	126.95 -1.74 -4.07	123.35 -1.78 0.00	93.75 -1.42 -8.42	185.67 -3.09 -8.59	118.60 -1.94 -4.13	103.94 -1.73 -4.26
SYRACUSE___POWER 24017	174.04 -2.05 0.00	121.40 -1.54 0.00	124.71 -1.47 0.00	104.61 -1.43 0.00	103.51 -1.19 0.00	108.87 -1.15 0.00	103.04 -1.00 0.00	112.56 -1.22 0.00	121.91 -1.32 0.00	132.40 -1.67 0.00	171.66 -2.16 -0.24	124.76 -1.70 -9.60	131.44 -2.05 -1.18	97.35 -1.32 -7.61	143.49 -2.28 0.00	125.42 -1.86 0.00	132.13 -1.84 -0.92	136.21 -1.89 -0.90	125.47 -1.74 -2.59	123.35 -1.78 0.00	92.30 -1.35 -6.89	181.62 -2.93 -4.38	118.81 -1.92 -4.31	104.13 -1.72 -4.44
TALLMAN___138KV_BK151 55660	186.24 10.15 0.00	130.65 7.72 0.00	134.32 8.14 0.00	112.79 6.75 0.00	111.26 6.56 0.00	117.00 6.97 0.00	110.89 6.85 0.00	130.09 7.81 -8.51	136.42 8.33 -4.87	149.11 8.82 -6.21	194.23 11.64 -9.01	201.09 7.20 -77.02	150.13 8.02 -9.80	162.20 5.23 -65.90	154.85 9.09 0.01	136.23 8.95 -0.01	151.34 9.91 -8.39	178.57 10.08 -31.29	142.84 8.98 -9.24	134.25 9.11 -0.01	138.83 6.35 -45.73	193.69 13.04 -0.47	163.35 8.37 -38.57	147.66 6.54 -39.71
TEALLAVE_115KV_TB7 355573	172.69 -3.40 0.00	120.45 -2.48 0.00	123.77 -2.42 0.00	103.87 -2.17 0.00	102.76 -1.94 0.00	108.09 -1.93 0.00	102.30 -1.75 0.00	111.71 -2.06 0.00	120.97 -2.26 0.00	131.44 -2.64 0.00	170.16 -3.42 0.00	121.77 -2.51 -7.41	130.28 -2.97 -0.94	95.49 -1.94 -6.36	142.47 -3.30 0.00	124.52 -2.76 0.00	130.98 -2.81 -0.75	134.23 -2.97 0.00	122.77 -2.71 -0.86	122.37 -2.76 0.00	88.98 -2.03 -4.27	175.90 -4.31 -0.04	117.21 -2.80 -3.60	102.64 -2.48 -3.70
TELGRAPH_34_KV_EAST 80808	159.94 -16.15 0.00	110.66 -12.27 0.00	113.89 -12.30 0.00	95.72 -10.32 0.00	95.22 -9.48 0.00	99.86 -10.16 0.00	93.60 -10.45 0.00	91.83 -13.49 8.45	104.35 -14.48 4.40	117.80 -16.35 -0.08	151.26 -22.12 0.21	110.72 -14.86 -8.71	116.46 -17.06 -1.20	90.25 -11.26 -10.44	126.54 -19.10 0.12	110.81 -16.48 -0.01	109.28 -17.68 6.09	127.10 -17.75 -7.66	170.19 -16.58 -62.15	151.81 -16.54 -43.22	88.32 -11.66 -13.23	139.90 -24.17 16.10	107.70 -14.70 -5.98	96.80 -10.77 -6.16
TEMPLE___115KV_TB 2 55572	172.77 -3.32 0.00	120.53 -2.40 0.00	123.82 -2.37 0.00	103.90 -2.14 0.00	102.81 -1.89 0.00	108.14 -1.88 0.00	102.34 -1.71 0.00	111.75 -2.02 0.00	121.03 -2.20 0.00	131.51 -2.57 0.00	170.22 -3.36 0.00	121.93 -2.44 -7.51	130.33 -2.94 -0.96	95.62 -1.90 -6.45	142.57 -3.20 0.00	124.59 -2.68 0.00	131.04 -2.77 -0.76	134.31 -2.89 0.00	122.84 -2.65 -0.87	122.44 -2.69 0.00	89.10 -1.98 -4.33	176.02 -4.20 -0.05	117.30 -2.76 -3.65	102.76 -2.41 -3.76
TIANA____69_KV_BK 1 55817	196.25 20.17 0.00	157.53 15.85 -18.75	150.84 16.86 -7.80	152.30 14.52 -31.74	151.72 14.35 -32.67	153.27 15.04 -28.21	151.68 14.21 -33.43	149.35 16.55 -19.03	167.37 16.80 -27.34	174.80 16.05 -24.67	207.40 19.40 -14.41	208.07 11.10 -80.10	155.36 12.85 -10.20	168.80 8.92 -68.81	166.37 18.08 -2.53	148.41 17.09 -4.04	159.98 18.11 -8.82	205.40 17.54 -50.66	189.92 17.02 -48.28	151.71 17.98 -8.60	148.94 11.93 -50.26	207.82 24.73 -2.91	174.73 14.79 -43.53	154.05 11.13 -41.52
TILDEN___115KV_TB1 80814	174.04 -2.05 0.00	121.40 -1.54 0.00	124.71 -1.47 0.00	104.61 -1.43 0.00	103.51 -1.19 0.00	108.87 -1.15 0.00	103.04 -1.00 0.00	112.56 -1.22 0.00	121.91 -1.32 0.00	132.40 -1.67 0.00	171.66 -2.16 -0.24	124.76 -1.70 -9.60	131.44 -2.05 -1.18	97.35 -1.32 -7.61	143.49 -2.28 0.00	125.42 -1.86 0.00	132.13 -1.84 -0.92	136.21 -1.89 -0.90	125.47 -1.74 -2.59	123.35 -1.78 0.00	92.30 -1.35 -6.89	181.62 -2.93 -4.38	118.81 -1.92 -4.31	104.13 -1.72 -4.44

TRIGEN___CC 323695	189.74 13.65 0.00	166.96 10.89 -33.14	151.54 11.56 -13.79	172.03 9.89 -56.10	172.04 9.59 -57.75	169.91 10.03 -49.86	172.60 9.48 -59.08	151.84 11.22 -26.85	179.17 11.78 -44.16	185.12 12.38 -38.67	207.12 15.23 -18.30	206.33 9.36 -80.10	153.49 10.98 -10.20	167.04 7.16 -68.81	162.96 12.73 -4.47	146.38 11.97 -7.13	154.86 12.99 -8.82	213.64 12.73 -63.71	214.43 11.89 -77.92	152.54 12.22 -15.20	147.17 8.28 -52.14	201.76 16.82 -4.77	172.89 10.48 -46.00	151.09 8.16 -41.52
TRINITY___115KV___4 BK 55933	183.73 7.64 0.00	128.31 5.38 0.00	131.80 5.62 0.00	110.79 4.76 0.00	109.25 4.55 0.00	114.85 4.83 0.00	108.86 4.82 0.00	151.22 5.17 -32.29	151.85 5.61 -23.01	173.63 6.05 -33.51	218.08 7.93 -36.56	226.65 4.77 -105.02	150.96 5.27 -13.37	184.98 3.67 -90.23	151.63 5.86 0.00	131.64 4.35 -0.01	148.68 5.01 -10.62	139.61 4.59 2.18	141.12 4.47 -12.03	129.80 4.66 -0.02	149.49 3.25 -59.48	187.56 6.77 -0.61	171.01 4.43 -50.17	157.82 4.76 -51.66
UNION___PROCESSING_DRP 323587	166.20 -9.89 0.00	115.33 -7.60 0.00	118.57 -7.61 0.00	99.65 -6.38 0.00	98.83 -5.86 0.00	103.86 -6.16 0.00	97.89 -6.15 0.00	105.99 -7.92 -0.14	114.77 -8.53 -0.06	124.49 -9.60 -0.02	159.21 -12.94 1.43	114.13 -8.77 -6.04	123.17 -10.17 -1.03	93.38 -6.61 -8.92	134.56 -11.23 -0.02	117.56 -9.72 0.00	124.84 -10.31 -2.10	128.72 -10.38 -1.90	115.66 -9.77 -0.80	121.00 -9.79 -5.66	77.04 -6.94 2.77	140.34 -14.60 25.23	112.39 -9.07 -5.04	99.65 -6.95 -5.20
UPPER HUDSON___HYD 24058	188.89 12.80 0.00	132.01 9.09 0.00	135.45 9.27 0.00	113.80 7.76 0.00	112.46 7.77 0.00	118.50 8.48 0.00	112.67 8.62 0.00	177.85 10.05 -54.03	173.65 10.65 -39.77	205.41 11.71 -59.63	250.79 15.16 -62.04	233.61 8.60 -108.15	153.91 7.82 -13.77	188.90 4.91 -92.92	153.85 8.09 0.00	135.21 7.92 -0.01	153.09 9.10 -10.95	144.42 9.01 1.79	145.17 8.14 -12.41	133.39 8.24 -0.02	153.72 5.59 -61.38	191.71 10.90 -0.63	175.04 6.86 -51.76	160.04 5.32 -53.31
UPPER RAQUET___HYD 24056	174.77 -1.32 0.00	121.82 -1.11 0.00	124.84 -1.35 0.00	104.91 -1.13 0.00	103.54 -1.16 0.00	108.34 -1.68 0.00	101.67 -2.37 0.00	111.38 -2.39 0.00	120.49 -2.74 0.00	131.75 -2.33 0.00	170.36 -3.22 0.00	115.20 -3.25 -1.58	128.30 -4.22 -0.20	90.66 -1.58 -1.17	143.78 -1.99 0.00	124.65 -2.62 0.00	129.74 -3.31 0.00	134.42 -2.78 0.00	121.66 -2.97 0.00	121.83 -3.30 0.00	84.56 -2.19 0.00	176.02 -4.15 0.00	114.02 -2.39 0.00	99.94 -1.47 0.00
VALLEY44_115KV_TB2 355964	166.98 -9.11 0.00	115.68 -7.25 0.00	119.07 -7.11 0.00	99.69 -6.35 0.00	99.06 -5.64 0.00	103.84 -6.18 0.00	97.17 -6.87 0.00	100.58 -8.08 5.11	111.16 -9.33 2.74	123.10 -11.06 -0.09	159.42 -14.81 -0.65	119.91 -10.22 -13.26	123.08 -10.95 -1.71	97.18 -7.23 -13.34	133.68 -11.91 0.17	116.23 -11.04 0.00	113.00 -12.35 7.70	126.75 -12.10 -1.65	112.96 -10.96 0.70	114.65 -10.49 0.00	85.52 -7.41 -6.18	159.62 -13.62 6.93	116.40 -7.66 -7.65	103.70 -5.59 -7.88
VALLEY___115KV_TB 1-4 80826	181.98 5.89 0.00	127.10 4.17 0.00	130.53 4.35 0.00	109.60 3.56 0.00	108.34 3.65 0.00	113.72 3.70 0.00	107.77 3.73 0.00	118.25 4.48 0.00	128.29 5.06 0.00	139.22 5.15 0.00	180.37 6.79 0.00	120.42 3.55 0.00	135.62 3.30 0.00	93.30 2.23 0.00	149.59 3.83 0.00	130.80 3.52 0.00	137.01 3.96 0.00	141.06 3.86 0.00	128.37 3.75 0.00	128.84 3.71 0.00	89.27 2.52 0.00	185.63 5.45 0.00	120.14 3.73 0.00	104.83 3.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	191.50 15.41 0.00	133.88 10.95 0.00	137.58 11.40 0.00	115.47 9.43 0.00	114.28 9.58 0.00	120.36 10.34 0.00	113.90 9.85 0.00	133.55 10.61 -9.16	141.24 11.88 -6.14	155.20 12.62 -8.50	199.81 16.10 -10.12	163.16 10.29 -36.01	147.94 11.04 -4.58	129.44 7.32 -31.05	157.31 11.57 0.02	137.86 10.57 0.00	146.93 11.15 -2.73	152.70 11.57 -3.94	139.32 10.47 -4.23	135.79 10.65 -0.01	115.08 7.40 -20.93	195.86 15.46 -0.22	143.84 9.78 -17.65	127.63 8.04 -18.17
VISCHER___FERRY HYD 24020	184.53 8.44 0.00	128.91 5.98 0.00	132.37 6.19 0.00	111.28 5.24 0.00	109.73 5.03 0.00	115.36 5.33 0.00	109.46 5.42 0.00	164.98 5.95 -45.25	162.69 6.45 -33.02	190.08 6.91 -49.10	234.34 9.00 -51.76	228.30 5.36 -106.07	151.60 5.78 -13.51	186.29 4.08 -91.14	152.58 6.82 0.00	133.63 6.34 -0.01	151.04 7.23 -10.76	143.23 6.91 0.88	143.33 6.54 -12.16	131.80 6.66 -0.02	151.51 4.61 -60.15	190.02 9.23 -0.62	173.01 5.88 -50.73	158.76 5.11 -52.24
V_A_10_SYNC_DSASP 323832	160.30 -15.79 0.00	111.03 -11.90 0.00	114.27 -11.92 0.00	96.03 -10.01 0.00	95.37 -9.33 0.00	100.01 -10.01 0.00	93.78 -10.27 0.00	93.66 -12.89 7.22	105.25 -14.20 3.78	118.44 -15.93 -0.30	152.03 -21.46 0.09	111.51 -14.33 -8.98	117.28 -16.41 -1.38	90.31 -10.77 -10.01	127.73 -18.15 -0.11	111.34 -15.93 0.00	123.10 -17.36 -7.41	120.09 -17.34 -0.23	92.98 -16.15 15.49	102.51 -16.10 6.52	72.39 -11.32 3.04	138.20 -23.20 18.77	107.82 -14.21 -5.62	96.41 -10.79 -5.79
V_CMM_10_SYNC_DSASP 323787	174.39 -1.70 0.00	121.61 -1.32 0.00	124.61 -1.58 0.00	104.85 -1.19 0.00	103.45 -1.25 0.00	108.58 -1.45 0.00	102.29 -1.75 0.00	111.87 -1.90 0.00	121.36 -1.87 0.00	132.49 -1.58 0.00	171.41 -2.18 0.00	114.30 -2.56 0.00	128.84 -3.47 0.00	90.19 -0.88 0.00	145.22 -0.55 0.00	126.04 -1.23 0.00	131.38 -1.67 0.00	136.08 -1.12 0.00	123.22 -1.40 0.00	123.55 -1.58 0.00	85.75 -1.00 0.00	178.22 -1.95 0.00	115.17 -1.24 0.00	100.70 -0.71 0.00
V_CMP_10_SYNC_DSASP 323788	177.14 1.05 0.00	123.52 0.59 0.00	126.48 0.29 0.00	106.48 0.45 0.00	105.23 0.53 0.00	110.15 0.13 0.00	104.19 0.15 0.00	114.44 0.67 0.00	124.12 0.89 0.00	135.64 1.57 0.00	175.54 1.95 0.00	116.75 -0.12 0.00	131.77 -0.54 0.00	92.33 1.26 0.00	148.80 3.04 0.00	129.41 2.13 0.00	134.31 1.26 0.00	138.80 1.60 0.00	125.75 1.13 0.00	126.06 0.93 0.00	87.53 0.78 0.00	181.86 1.69 0.00	116.80 0.39 0.00	102.04 0.63 0.00
V_D_10_SYNC_DSASP 323841	175.80 -0.29 0.00	122.56 -0.37 0.00	125.60 -0.59 0.00	105.65 -0.39 0.00	104.25 -0.45 0.00	109.37 -0.65 0.00	102.99 -1.05 0.00	112.69 -1.08 0.00	122.24 -0.99 0.00	133.45 -0.62 0.00	172.62 -0.96 0.00	115.10 -1.77 0.00	129.76 -2.55 0.00	90.74 -0.33 0.00	145.93 0.17 0.00	126.64 -0.64 0.00	131.96 -1.08 0.00	136.75 -0.45 0.00	123.78 -0.84 0.00	124.13 -1.00 0.00	86.12 -0.63 0.00	179.32 -0.85 0.00	115.96 -0.45 0.00	101.45 0.04 0.00
V_E_10_SYNC_DSASP 323830	197.47 21.38 0.00	136.94 14.01 0.00	140.51 14.32 0.00	117.34 11.30 0.00	116.52 11.83 0.00	121.82 11.80 0.00	114.73 10.68 0.00	130.89 12.51 -4.60	139.87 13.66 -2.98	151.12 13.07 -3.98	194.63 15.80 -5.24	153.92 10.78 -26.28	148.40 12.79 -3.30	121.20 8.04 -22.09	157.20 11.46 0.03	136.79 9.51 0.00	143.12 8.72 -1.36	148.95 8.98 -2.77	136.00 6.86 -4.52	131.54 6.41 0.00	107.77 4.41 -16.61	193.59 9.09 -4.33	135.35 6.38 -12.56	121.59 7.24 -12.93
V_F_30_NSYNC___DSASP 323816	187.17 11.08 0.00	130.75 7.82 0.00	134.27 8.08 0.00	112.81 6.77 0.00	111.39 6.69 0.00	117.24 7.21 0.00	111.29 7.24 0.00	174.88 8.17 -52.94	170.93 8.76 -38.93	201.89 9.49 -58.32	246.67 12.32 -60.76	232.11 7.39 -107.85	153.66 7.61 -13.73	188.89 5.15 -92.67	154.33 8.57 0.00	135.40 8.11 -0.01	153.08 9.11 -10.92	144.62 9.07 1.64	145.33 8.34 -12.37	133.58 8.44 -0.02	153.73 5.78 -61.21	192.38 11.57 -0.63	175.38 7.35 -51.62	160.60 6.04 -53.16

V_F_30_SYNC_DSASP 323786	184.43 8.34 0.00	128.81 5.87 0.00	132.31 6.12 0.00	111.22 5.18 0.00	109.70 5.00 0.00	115.31 5.29 0.00	109.34 5.30 0.00	156.92 5.72 -37.43	156.36 6.15 -26.98	180.51 6.75 -39.69	225.02 8.84 -42.60	228.05 5.40 -105.79	151.73 5.94 -13.47	186.07 4.11 -90.89	152.34 6.58 0.00	132.26 4.98 -0.01	149.42 5.68 -10.70	140.42 5.30 2.08	141.85 5.11 -12.12	130.43 5.28 -0.02	150.33 3.65 -59.93	188.37 7.58 -0.62	171.89 4.94 -50.55	158.66 5.20 -52.05
V_XM_10_SYNC_DSASP 323789	177.14 1.05 0.00	123.52 0.59 0.00	126.48 0.29 0.00	106.48 0.45 0.00	105.23 0.53 0.00	110.15 0.13 0.00	104.19 0.15 0.00	114.44 0.67 0.00	124.12 0.89 0.00	135.64 1.57 0.00	175.54 1.95 0.00	116.75 -0.12 0.00	131.77 -0.54 0.00	92.33 1.26 0.00	148.80 3.04 0.00	129.41 2.13 0.00	134.31 1.26 0.00	138.80 1.60 0.00	125.75 1.13 0.00	126.06 0.93 0.00	87.53 0.78 0.00	181.86 1.69 0.00	116.80 0.39 0.00	102.04 0.63 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	186.74 10.65 0.00	131.01 8.08 0.00	134.66 8.47 0.00	113.10 7.06 0.00	111.55 6.85 0.00	117.33 7.30 0.00	111.24 7.20 0.00	130.51 8.20 -8.54	136.92 8.80 -4.88	149.59 9.28 -6.23	194.83 12.21 -9.04	201.76 7.57 -77.32	150.58 8.42 -9.84	162.97 5.58 -66.32	155.40 9.64 0.01	136.75 9.46 -0.01	151.94 10.44 -8.45	179.47 10.63 -31.64	143.39 9.46 -9.30	134.75 9.61 -0.01	139.47 6.69 -46.03	194.32 13.68 -0.48	164.00 8.78 -38.82	148.25 6.86 -39.97
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	189.12 13.03 0.00	132.83 9.89 0.00	136.63 10.45 0.00	114.78 8.75 0.00	113.23 8.53 0.00	119.05 9.03 0.00	112.82 8.78 0.00	132.81 10.20 -8.83	139.66 11.00 -5.43	152.08 11.56 -6.44	198.02 15.09 -9.34	206.37 9.42 -80.08	153.12 10.61 -10.19	166.84 6.98 -68.79	157.74 11.99 0.01	138.81 11.53 -0.01	154.22 12.36 -8.81	183.22 12.37 -33.65	145.38 11.10 -9.66	136.24 11.10 -0.01	142.26 7.72 -47.79	196.97 16.30 -0.49	167.18 10.47 -40.31	151.16 8.25 -41.51
W50THST__13_KV_LOAD 356117	190.12 14.03 0.00	133.51 10.58 0.00	137.36 11.18 0.00	115.40 9.37 0.00	113.84 9.14 0.00	119.73 9.70 0.00	113.48 9.44 0.00	133.62 11.02 -8.83	140.56 11.90 -5.43	153.13 12.62 -6.44	199.43 16.50 -9.34	207.30 10.36 -80.08	154.16 11.66 -10.19	167.56 7.69 -68.79	158.87 13.12 0.01	139.78 12.49 -0.01	155.22 13.36 -8.81	184.19 13.34 -33.65	146.24 11.96 -9.66	137.12 11.97 -0.01	142.82 8.28 -47.79	198.06 17.40 -0.49	167.91 11.19 -40.31	151.77 8.85 -41.51
WADING RIVER_IC_1 23522	195.03 18.95 0.00	156.58 14.91 -18.74	149.86 15.88 -7.80	151.48 13.72 -31.73	150.88 13.52 -32.67	152.35 14.13 -28.20	150.80 13.34 -33.42	148.26 15.47 -19.02	166.43 15.86 -27.33	173.53 14.79 -24.67	205.71 17.71 -14.41	206.94 9.97 -80.10	154.25 11.74 -10.20	168.02 8.14 -68.81	165.32 17.03 -2.53	147.32 16.01 -4.04	158.89 17.03 -8.82	204.13 16.27 -50.66	188.65 15.76 -48.27	150.53 16.80 -8.60	148.18 11.17 -50.26	206.65 23.56 -2.91	174.13 14.19 -43.53	153.62 10.70 -41.52
WADING RIVER_IC_2 23547	195.03 18.95 0.00	156.58 14.91 -18.74	149.86 15.88 -7.80	151.48 13.72 -31.73	150.88 13.52 -32.67	152.35 14.13 -28.20	150.80 13.34 -33.42	148.26 15.47 -19.02	166.43 15.86 -27.33	173.53 14.79 -24.67	205.71 17.71 -14.41	206.94 9.97 -80.10	154.25 11.74 -10.20	168.02 8.14 -68.81	165.32 17.03 -2.53	147.32 16.01 -4.04	158.89 17.03 -8.82	204.13 16.27 -50.66	188.65 15.76 -48.27	150.53 16.80 -8.60	148.18 11.17 -50.26	206.65 23.56 -2.91	174.13 14.19 -43.53	153.62 10.70 -41.52
WADING RIVER_IC_3 23601	195.03 18.95 0.00	156.58 14.91 -18.74	149.86 15.88 -7.80	151.48 13.72 -31.73	150.88 13.52 -32.67	152.35 14.13 -28.20	150.80 13.34 -33.42	148.26 15.47 -19.02	166.43 15.86 -27.33	173.53 14.79 -24.67	205.71 17.71 -14.41	206.94 9.97 -80.10	154.25 11.74 -10.20	168.02 8.14 -68.81	165.32 17.03 -2.53	147.32 16.01 -4.04	158.89 17.03 -8.82	204.13 16.27 -50.66	188.65 15.76 -48.27	150.53 16.80 -8.60	148.18 11.17 -50.26	206.65 23.56 -2.91	174.13 14.19 -43.53	153.62 10.70 -41.52
WALDENNY_12_KV_BK2 80841	162.26 -13.83 0.00	112.09 -10.84 0.00	115.35 -10.83 0.00	96.79 -9.24 0.00	96.36 -8.33 0.00	100.87 -9.15 0.00	94.58 -9.47 0.00	86.06 -12.51 15.20	101.79 -13.60 7.85	118.81 -15.30 -0.03	153.21 -20.55 -0.18	113.67 -13.58 -10.38	118.12 -15.58 -1.39	92.52 -10.29 -11.74	127.83 -17.74 0.20	111.75 -15.52 0.00	107.31 -16.52 9.21	122.74 -16.51 -2.05	112.89 -15.29 -3.56	113.98 -15.22 -4.07	80.35 -10.67 -4.27	146.34 -21.93 11.90	109.94 -13.23 -6.75	98.78 -9.58 -6.95
WALDEN__HYDRO 24148	188.25 12.16 0.00	131.96 9.02 0.00	135.63 9.45 0.00	113.95 7.91 0.00	112.44 7.75 0.00	118.32 8.30 0.00	112.20 8.15 0.00	132.01 9.35 -8.89	138.56 10.04 -5.29	151.29 10.55 -6.67	196.63 13.59 -9.46	202.50 8.42 -77.21	151.45 9.30 -9.83	163.69 6.18 -66.45	156.31 10.56 0.01	137.60 10.32 -0.01	153.01 11.53 -8.43	179.54 11.83 -30.51	144.46 10.53 -9.31	135.75 10.61 -0.01	140.14 7.35 -46.04	195.63 14.99 -0.48	164.76 9.52 -38.82	148.92 7.53 -39.98
WARRENSBURG____ 23737	188.89 12.80 0.00	132.01 9.09 0.00	135.45 9.27 0.00	113.80 7.76 0.00	112.46 7.77 0.00	118.50 8.48 0.00	112.67 8.62 0.00	177.85 10.05 -54.03	173.65 10.65 -39.77	205.41 11.71 -59.63	250.79 15.16 -62.04	233.61 8.60 -108.15	153.91 7.82 -13.77	188.90 4.91 -92.92	153.85 8.09 0.00	135.21 7.92 -0.01	153.09 9.10 -10.95	144.42 9.01 1.79	145.17 8.14 -12.41	133.39 8.24 -0.02	153.72 5.59 -61.38	191.71 10.90 -0.63	175.04 6.86 -51.76	160.04 5.32 -53.31
WATERSIDE____6 8 9 23538	187.59 13.09 1.59	132.85 9.92 0.00	136.70 10.51 0.00	114.82 8.79 0.00	113.22 8.52 0.00	119.08 9.06 0.00	112.98 8.94 0.00	126.65 10.44 -2.43	104.44 11.23 30.02	106.96 11.76 38.87	195.91 15.11 -7.22	200.72 9.50 -74.36	152.79 10.73 -9.74	164.26 7.03 -66.15	153.71 12.09 4.15	114.23 11.70 24.74	110.13 12.35 35.27	147.38 12.41 2.23	106.45 11.24 29.40	96.82 11.22 39.53	108.69 7.85 -14.10	177.61 16.38 18.94	152.67 10.68 -25.58	151.35 8.42 -41.51
WATKINRD_115KV_LN8_ILLION 55919	180.41 4.32 0.00	126.02 3.09 0.00	129.40 3.21 0.00	108.69 2.65 0.00	107.38 2.68 0.00	112.79 2.77 0.00	106.89 2.84 0.00	117.07 3.30 0.00	126.86 3.63 0.00	137.81 3.73 0.00	178.48 4.90 0.00	119.37 2.51 0.00	134.63 2.31 0.00	92.71 1.64 0.00	148.67 2.91 0.00	130.10 2.82 0.00	136.30 3.26 0.00	140.34 3.14 0.00	127.66 3.04 0.00	128.19 3.07 0.00	88.83 2.08 0.00	184.59 4.42 0.00	119.26 2.85 0.00	103.83 2.42 0.00
WATSON__69_KV_BK 1 55734	194.27 18.18 0.00	156.55 14.25 -19.36	149.45 15.21 -8.05	151.90 13.08 -32.78	151.33 12.89 -33.74	152.54 13.38 -29.13	151.18 12.62 -34.52	148.03 14.90 -19.36	166.77 15.48 -28.06	175.34 15.99 -25.27	207.39 19.22 -14.58	208.28 11.31 -80.10	156.16 13.65 -10.20	168.92 9.04 -68.81	165.16 16.79 -2.61	147.45 16.00 -4.17	159.13 17.27 -8.82	205.09 16.67 -51.22	190.10 15.93 -49.54	150.86 16.85 -8.88	148.31 11.22 -50.34	205.99 22.82 -2.99	173.92 13.88 -43.64	153.65 10.72 -41.52
WDELAWARE__HYD 323627	186.89 10.80 0.00	130.92 7.99 0.00	134.58 8.40 0.00	113.07 7.03 0.00	111.70 7.00 0.00	117.63 7.61 0.00	111.66 7.61 0.00	131.70 8.82 -9.10	138.37 9.60 -5.55	151.12 9.90 -7.14	195.73 12.40 -9.75	197.30 7.43 -73.00	149.58 7.97 -9.29	159.10 5.22 -62.80	154.69 8.93 0.01	136.39 9.11 -0.01	151.62 10.73 -7.84	173.83 11.22 -25.41	143.37 9.99 -8.75	135.17 10.03 -0.01	136.95 6.90 -43.30	194.39 13.77 -0.45	161.55 8.62 -36.51	145.55 6.54 -37.60

WEST BABYLON___IC 23714	193.30 17.21 0.00	157.16 13.54 -20.69	149.23 14.44 -8.61	153.48 12.42 -35.03	152.93 12.18 -36.05	153.81 12.67 -31.13	152.87 11.94 -36.89	148.01 14.15 -20.08	167.59 14.76 -29.61	175.95 15.32 -26.56	206.96 18.44 -14.94	207.93 10.97 -80.10	155.66 13.15 -10.20	168.49 8.61 -68.81	164.38 15.83 -2.79	146.80 15.07 -4.46	158.17 16.31 -8.82	205.53 15.91 -52.42	192.01 15.11 -52.28	150.51 15.89 -9.49	147.86 10.60 -50.51	204.87 21.53 -3.16	173.44 13.17 -43.86	153.13 10.21 -41.52
WEST CANADA___HYD 24049	177.15 1.06 0.00	123.73 0.80 0.00	127.05 0.87 0.00	106.69 0.66 0.00	105.37 0.67 0.00	110.74 0.71 0.00	104.82 0.78 0.00	114.61 0.83 0.00	124.10 0.87 0.00	135.00 0.92 0.00	174.81 1.22 0.00	117.33 0.46 0.00	132.71 0.40 0.00	91.43 0.36 0.00	146.50 0.73 0.00	128.01 0.74 0.00	133.85 0.80 0.00	137.90 0.70 0.00	125.37 0.75 0.00	125.88 0.76 0.00	87.27 0.52 0.00	181.24 1.07 0.00	117.05 0.64 0.00	101.89 0.48 0.00
WESTERN_NY_WIND 24143	164.75 -11.34 0.00	113.98 -8.95 0.00	117.26 -8.92 0.00	98.53 -7.50 0.00	97.95 -6.75 0.00	102.89 -7.14 0.00	96.77 -7.27 0.00	96.91 -9.69 7.17	109.11 -10.37 3.75	122.36 -11.81 -0.10	157.04 -16.27 0.28	114.11 -11.04 -8.29	120.72 -12.77 -1.17	92.84 -8.43 -10.20	131.42 -14.24 0.10	115.08 -12.20 -0.01	115.16 -13.10 4.79	130.92 -13.01 -6.74	164.76 -12.23 -52.38	150.11 -12.26 -37.24	88.63 -8.80 -10.68	144.17 -18.44 17.56	111.00 -11.24 -5.83	99.29 -8.12 -6.01
WESTOVER___LESR 323668	175.67 -0.42 0.00	122.35 -0.58 0.00	125.76 -0.43 0.00	105.31 -0.72 0.00	104.37 -0.33 0.00	109.68 -0.34 0.00	103.63 -0.41 0.00	116.86 -0.40 -3.49	124.99 -0.38 -2.14	135.94 -0.83 -2.69	176.56 -0.96 -3.95	143.00 -1.04 -27.17	134.43 -1.29 -3.40	113.15 -0.85 -22.93	144.26 -1.46 0.05	126.16 -1.12 0.00	131.99 -1.41 -0.36	138.77 -1.30 -2.86	128.18 -1.08 -4.63	124.00 -1.13 0.00	103.14 -0.80 -17.19	183.31 -1.20 -4.34	128.74 -0.72 -13.05	114.11 -0.74 -13.44
WETHRSFD_WT_PWR 323626	162.78 -13.31 0.00	112.65 -10.28 0.00	115.98 -10.21 0.00	97.08 -8.96 0.00	96.42 -8.28 0.00	100.77 -9.25 0.00	94.83 -9.22 0.00	45.95 -11.92 55.91	81.67 -13.04 28.52	119.74 -14.43 -0.10	155.40 -19.03 -0.85	119.04 -11.71 -13.89	120.76 -13.31 -1.76	95.27 -9.10 -13.30	129.29 -16.31 0.16	112.61 -14.67 0.00	111.35 -14.68 7.01	124.59 -14.26 -1.65	111.96 -13.13 -0.47	112.08 -13.05 0.00	85.18 -9.06 -7.49	158.17 -18.33 3.67	112.83 -11.20 -7.63	100.89 -8.37 -7.85
WHAVSTOR_138KV_BK127 55557	185.88 9.80 0.00	130.42 7.49 0.00	134.09 7.90 0.00	112.62 6.58 0.00	111.07 6.38 0.00	116.82 6.80 0.00	110.73 6.69 0.00	129.92 7.60 -8.55	136.28 8.16 -4.89	148.88 8.57 -6.24	193.91 11.27 -9.05	201.22 6.95 -77.41	149.90 7.74 -9.85	162.56 5.11 -66.39	154.59 8.83 0.01	136.03 8.75 -0.01	151.20 9.70 -8.46	178.73 9.83 -31.70	142.66 8.72 -9.31	134.02 8.88 -0.01	139.01 6.19 -46.08	193.38 12.73 -0.48	163.42 8.15 -38.86	147.77 6.35 -40.02
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	185.88 9.80 0.00	130.42 7.49 0.00	134.09 7.90 0.00	112.62 6.58 0.00	111.07 6.38 0.00	116.82 6.80 0.00	110.73 6.69 0.00	129.92 7.60 -8.55	136.28 8.16 -4.89	148.88 8.57 -6.24	193.91 11.27 -9.05	201.22 6.95 -77.41	149.90 7.74 -9.85	162.56 5.11 -66.39	154.59 8.83 0.01	136.03 8.75 -0.01	151.20 9.70 -8.46	178.73 9.83 -31.70	142.66 8.72 -9.31	134.02 8.88 -0.01	139.01 6.19 -46.08	193.38 12.73 -0.48	163.42 8.15 -38.86	147.77 6.35 -40.02
WHITEHAL_115KV_TB1 80871	192.51 16.42 0.00	134.65 11.72 0.00	138.00 11.81 0.00	115.67 9.63 0.00	114.33 9.64 0.00	120.57 10.55 0.00	114.83 10.79 0.00	181.05 13.69 -53.58	177.04 14.39 -39.42	209.22 16.06 -59.08	256.51 21.41 -61.51	237.97 13.08 -108.02	158.69 12.62 -13.76	192.08 8.19 -92.81	158.67 12.90 0.00	140.27 12.98 -0.01	158.86 14.87 -10.94	149.84 14.37 1.73	149.54 12.53 -12.39	138.09 12.95 -0.02	156.92 8.86 -61.31	198.15 17.35 -0.63	179.52 11.41 -51.71	163.21 8.56 -53.24
WHITEPLN_13_KV_LOAD 356215	190.09 14.00 0.00	133.36 10.43 0.00	137.10 10.91 0.00	115.18 9.14 0.00	113.64 8.94 0.00	119.54 9.52 0.00	113.35 9.31 0.00	133.30 10.71 -8.81	140.19 11.54 -5.42	152.72 12.22 -6.43	198.70 15.79 -9.33	206.68 9.88 -79.93	153.50 11.01 -10.18	167.07 7.34 -68.66	158.28 12.52 0.01	139.30 12.01 -0.01	154.99 13.15 -8.79	184.05 13.30 -33.54	146.15 11.89 -9.64	137.11 11.97 -0.01	142.71 8.26 -47.70	197.67 17.00 -0.49	167.50 10.86 -40.23	151.45 8.62 -41.42
WM_FLOYD_69_KV_BK2 356380	194.23 18.14 0.00	156.03 14.32 -18.78	149.28 15.28 -7.81	151.02 13.20 -31.79	150.44 13.01 -32.73	151.86 13.59 -28.25	150.31 12.78 -33.48	147.83 15.01 -19.04	165.95 15.34 -27.38	173.71 14.93 -24.71	205.67 17.66 -14.42	206.92 9.96 -80.10	154.45 11.94 -10.20	168.06 8.18 -68.81	164.72 16.43 -2.53	147.01 15.69 -4.05	158.75 16.88 -8.82	204.00 16.11 -50.69	188.49 15.53 -48.34	150.36 16.62 -8.62	148.05 11.04 -50.26	205.93 22.84 -2.92	173.70 13.75 -43.54	153.34 10.42 -41.52
WOODARD___115KV_TB2 355635	172.47 -3.62 0.00	120.31 -2.62 0.00	123.59 -2.60 0.00	103.73 -2.31 0.00	102.62 -2.08 0.00	107.92 -2.10 0.00	102.13 -1.92 0.00	111.54 -2.23 0.00	120.79 -2.44 0.00	131.25 -2.82 0.00	170.12 -3.71 -0.25	122.53 -2.65 -8.31	130.14 -3.19 -1.01	95.46 -2.10 -6.49	142.31 -3.45 0.00	124.37 -2.91 0.00	130.82 -2.99 -0.76	134.08 -3.12 0.00	124.27 -2.84 -2.48	122.24 -2.89 0.00	90.83 -2.11 -6.19	180.18 -4.49 -4.50	117.16 -2.92 -3.67	102.60 -2.59 -3.78
YORK___WARBASSE 23770	198.13 14.22 -7.81	133.68 10.75 0.00	137.46 11.28 0.00	115.54 9.50 0.00	113.92 9.22 0.00	119.83 9.80 0.00	113.67 9.63 0.00	170.44 11.21 -45.45	316.54 12.14 -181.17	379.34 12.79 -232.48	216.44 16.33 -26.53	240.92 10.35 -113.70	165.93 11.66 -21.96	188.82 7.68 -90.07	187.55 13.10 -28.68	265.43 12.60 -125.56	375.16 13.35 -228.76	360.47 13.39 -209.89	338.30 12.17 -201.51	331.84 12.18 -194.53	310.04 8.46 -214.83	300.08 17.68 -102.22	240.59 11.50 -112.69	151.98 9.06 -41.51