

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/09/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	180.51	150.23	159.71	178.83	161.28	175.57	200.27	265.10	175.44	149.27	154.18	152.98	155.69	172.81	192.93	187.95	294.36	198.17	177.50	201.90	203.38	207.14	173.48	106.04
	6.42	5.47	5.92	6.45	6.29	7.29	9.30	14.29	10.04	9.07	8.83	7.87	7.35	8.11	9.50	9.26	16.61	11.57	10.07	10.53	9.94	10.71	9.27	5.39
	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.87	0.00	0.00	0.13	0.11	-4.44	-2.02	-1.09	0.00	-5.66	-17.38	-12.74	-5.43	0.00
74TH STREET_GT_1 24260	180.30	150.11	159.58	178.69	161.15	175.44	200.14	264.85	175.31	149.11	154.00	152.86	155.56	172.74	192.85	187.90	294.28	197.86	177.34	201.73	203.26	207.09	173.46	106.01
	6.22	5.35	5.79	6.31	6.16	7.16	9.17	14.04	9.91	8.91	8.65	7.74	7.23	8.04	9.42	9.22	16.53	11.26	9.91	10.36	9.82	10.65	9.24	5.36
	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.87	0.00	0.00	0.13	0.11	-4.45	-2.02	-1.09	0.00	-5.66	-17.38	-12.75	-5.43	0.00
74TH STREET_GT_2 24261	180.30	150.11	159.58	178.69	161.15	175.44	200.14	264.85	175.31	149.11	154.00	152.86	155.56	172.74	192.85	187.90	294.28	197.86	177.34	201.73	203.26	207.09	173.46	106.01
	6.22	5.35	5.79	6.31	6.16	7.16	9.17	14.04	9.91	8.91	8.65	7.74	7.23	8.04	9.42	9.22	16.53	11.26	9.91	10.36	9.82	10.65	9.24	5.36
	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-0.87	0.00	0.00	0.13	0.11	-4.45	-2.02	-1.09	0.00	-5.66	-17.38	-12.75	-5.43	0.00
ADK HUDSON___FALLS 24011	187.91	156.85	167.15	186.87	168.52	183.88	210.50	275.45	181.13	152.67	162.26	157.86	160.63	179.17	199.53	223.53	315.27	209.48	183.59	237.24	294.38	281.10	212.43	108.30
	13.83	12.08	13.37	14.49	13.53	15.61	18.92	24.65	15.73	12.48	12.58	12.74	12.29	14.35	15.99	15.87	26.17	17.60	16.16	18.37	16.52	16.07	13.66	7.65
	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00	0.00	0.00	-5.20	0.00	0.00	0.00	0.00	-33.42	-13.37	-6.37	0.00	-33.16	-101.81	-81.35	-39.98	0.00
ADK RESOURCE___RCVRY 23798	189.36	158.27	168.85	188.64	170.30	186.10	213.33	278.92	183.50	154.61	164.14	159.75	162.04	180.81	201.32	225.12	318.22	211.56	185.79	239.83	295.92	282.23	213.37	108.65
	15.28	13.51	15.07	16.26	15.31	17.82	21.75	28.11	18.10	14.41	14.47	14.63	13.71	15.98	17.78	17.55	29.15	19.69	18.36	21.04	18.29	17.39	14.70	8.00
	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.00	0.00	0.00	-5.19	0.00	0.00	0.00	0.00	-33.34	-13.33	-6.35	0.00	-33.08	-101.56	-81.15	-39.89	0.00
ADK S GLENS___FALLS 24028	187.91	156.85	167.15	186.87	168.52	183.88	210.50	275.45	181.13	152.67	162.26	157.86	160.63	179.17	199.53	223.53	315.27	209.48	183.59	237.24	294.38	281.10	212.43	108.30
	13.83	12.08	13.37	14.49	13.53	15.61	18.92	24.65	15.73	12.48	12.58	12.74	12.29	14.35	15.99	15.87	26.17	17.60	16.16	18.37	16.52	16.07	13.66	7.65
	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00	0.00	0.00	-5.20	0.00	0.00	0.00	0.00	-33.42	-13.37	-6.37	0.00	-33.16	-101.81	-81.35	-39.98	0.00
ADK_NYS___DAM 23527	182.74	152.60	162.57	181.50	163.56	178.08	202.84	264.66	173.04	146.65	156.75	152.00	155.07	172.81	192.22	216.36	304.68	201.93	177.04	227.65	281.77	271.10	206.07	106.55
	8.66	7.85	8.79	9.13	8.57	9.81	11.32	13.85	7.64	6.45	6.98	6.89	6.74	7.99	8.69	9.17	16.50	10.48	9.61	11.05	10.87	11.64	10.04	5.90
	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	-5.29	0.00	0.00	0.00	0.00	-32.95	-12.45	-5.93	0.00	-30.89	-94.83	-75.78	-37.24	0.00
AIR_PRODUCTS___DRP 24190	176.43	147.04	156.45	175.15	157.67	171.55	194.90	255.27	168.41	143.09	151.48	149.09	152.16	169.25	188.21	198.15	290.44	193.60	170.81	208.68	238.27	234.75	185.88	103.52
	2.35	2.28	2.67	2.78	2.68	3.28	3.63	4.47	3.01	2.89	4.04	3.97	3.83	4.42	4.67	4.90	7.09	4.46	3.38	4.08	4.23	4.73	4.32	2.87
	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	-2.96	0.00	0.00	0.00	0.00	-19.01	-7.61	-3.63	0.00	-18.89	-57.98	-46.33	-22.77	0.00
AKWESSNE_115KV_BK 355683	174.89	145.58	154.40	173.22	155.93	169.59	191.76	251.64	166.09	141.07	145.48	146.40	149.73	166.03	184.60	174.90	276.22	186.20	168.34	187.06	177.38	184.82	159.68	101.62
	0.81	0.82	0.61	0.84	0.95	1.31	0.91	0.84	0.69	0.88	1.01	1.28	1.40	1.21	1.07	0.67	0.49	0.68	0.91	1.35	1.32	1.13	0.89	0.97
	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	179.75	149.82	159.40	178.57	160.63	174.50	198.39	259.89	170.71	144.20	151.17	149.59	153.09	170.82	190.23	195.68	292.63	195.53	173.66	207.20	227.09	226.37	182.72	104.86
	5.67	5.06	5.62	6.19	5.64	6.22	7.23	9.08	5.31	4.00	4.45	4.47	4.75	6.00	6.69	7.06	11.13	7.26	6.22	7.18	7.12	7.60	6.69	4.21
	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	-2.24	0.00	0.00	0.00	0.00	-14.39	-5.76	-2.75	0.00	-14.30	-43.91	-35.09	-17.24	0.00
ALBANY_2_SOLAR 323834	179.72	149.79	159.36	178.53	160.56	174.47	198.33	259.74	170.65	144.15	151.08	149.58	153.07	170.79	190.18	195.56	292.53	195.45	173.60	207.05	226.96	226.30	182.64	104.82
	5.64	5.03	5.57	6.15	5.57	6.19	7.17	8.94	5.25	3.95	4.37	4.46	4.74	5.97	6.64	6.94	11.03	7.18	6.17	7.05	7.01	7.55	6.62	4.17
	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	-2.24	0.00	0.00	0.00	0.00	-14.38	-5.76	-2.75	0.00	-14.29	-43.88	-35.07	-17.23	0.00
ALBANY___1 23571	176.43	147.04	156.45	175.15	157.67	171.55	194.90	255.27	168.41	143.09	151.48	149.09	152.16	169.25	188.21	198.15	290.44	193.60	170.81	208.68	238.27	234.75	185.88	103.52
	2.35	2.28	2.67	2.78	2.68	3.28	3.63	4.47	3.01	2.89	4.04	3.97	3.83	4.42	4.67	4.90	7.09	4.46	3.38	4.08	4.23	4.73	4.32	2.87
	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.00	0.00	0.00	-2.96	0.00	0.00	0.00	0.00	-19.01	-7.61	-3.63	0.00	-18.89	-57.98	-46.33	-22.77	0.00

ALBANY___2 23572	176.43 2.35 0.00	147.04 2.28 0.00	156.45 2.67 0.00	175.15 2.78 0.00	157.67 2.68 0.00	171.55 3.28 0.00	194.90 3.63 -0.41	255.27 4.47 0.00	168.41 3.01 0.00	143.09 2.89 0.00	151.48 4.04 -2.96	149.09 3.97 0.00	152.16 3.83 0.00	169.25 4.42 0.00	188.21 4.67 0.00	198.15 4.90 -19.01	290.44 7.09 -7.61	193.60 4.46 -3.63	170.81 3.38 0.00	208.68 4.08 -18.89	238.27 4.23 -57.98	234.75 4.73 -46.33	185.88 4.32 -22.77	103.52 2.87 0.00
ALBANY___3 23573	176.43 2.35 0.00	147.04 2.28 0.00	156.45 2.67 0.00	175.15 2.78 0.00	157.67 2.68 0.00	171.55 3.28 0.00	194.90 3.63 -0.41	255.27 4.47 0.00	168.41 3.01 0.00	143.09 2.89 0.00	151.48 4.04 -2.96	149.09 3.97 0.00	152.16 3.83 0.00	169.25 4.42 0.00	188.21 4.67 0.00	198.15 4.90 -19.01	290.44 7.09 -7.61	193.60 4.46 -3.63	170.81 3.38 0.00	208.68 4.08 -18.89	238.27 4.23 -57.98	234.75 4.73 -46.33	185.88 4.32 -22.77	103.52 2.87 0.00
ALBANY___4 23574	176.43 2.35 0.00	147.04 2.28 0.00	156.45 2.67 0.00	175.15 2.78 0.00	157.67 2.68 0.00	171.55 3.28 0.00	194.90 3.63 -0.41	255.27 4.47 0.00	168.41 3.01 0.00	143.09 2.89 0.00	151.48 4.04 -2.96	149.09 3.97 0.00	152.16 3.83 0.00	169.25 4.42 0.00	188.21 4.67 0.00	198.15 4.90 -19.01	290.44 7.09 -7.61	193.60 4.46 -3.63	170.81 3.38 0.00	208.68 4.08 -18.89	238.27 4.23 -57.98	234.75 4.73 -46.33	185.88 4.32 -22.77	103.52 2.87 0.00
ALBANY___LFGE 323615	178.48 4.39 0.00	148.64 3.88 0.00	158.16 4.38 0.00	177.05 4.67 0.00	159.38 4.39 0.00	173.42 5.14 0.00	197.17 5.85 -0.47	258.32 7.51 0.00	170.37 4.97 0.00	144.77 4.58 0.00	153.61 5.77 -3.36	150.75 5.63 0.00	153.95 5.62 0.00	171.21 6.39 0.00	190.46 6.92 0.00	202.82 7.03 -21.56	294.95 10.58 -8.63	196.47 6.84 -4.11	172.92 5.49 0.00	213.50 6.37 -21.41	248.14 6.33 -65.75	243.07 6.84 -52.53	190.65 6.04 -25.82	104.53 3.87 0.00
ALCOA_PA_115KV_PL-6C 55860	178.01 3.93 0.00	148.19 3.43 0.00	157.18 3.39 0.00	176.32 3.94 0.00	158.64 3.66 0.00	172.30 4.02 0.00	194.77 3.91 0.00	255.37 4.56 0.00	168.50 3.10 0.00	143.13 2.94 0.00	147.74 3.26 0.00	149.17 4.05 0.00	152.56 4.23 0.00	168.98 4.15 0.00	187.84 4.30 0.00	177.82 3.59 0.00	280.90 5.16 0.00	189.45 3.94 0.00	171.35 3.92 0.00	190.37 4.66 0.00	180.51 4.45 0.00	188.05 4.36 0.00	162.57 3.78 0.00	103.28 2.63 0.00
ALCOA_RYNLDS___DRP 24188	178.01 3.93 0.00	148.19 3.43 0.00	157.18 3.39 0.00	176.32 3.94 0.00	158.64 3.66 0.00	172.30 4.02 0.00	194.77 3.91 0.00	255.37 4.56 0.00	168.50 3.10 0.00	143.13 2.94 0.00	147.74 3.26 0.00	149.17 4.05 0.00	152.56 4.23 0.00	168.98 4.15 0.00	187.84 4.30 0.00	177.82 3.59 0.00	280.90 5.16 0.00	189.45 3.94 0.00	171.35 3.92 0.00	190.37 4.66 0.00	180.51 4.45 0.00	188.05 4.36 0.00	162.57 3.78 0.00	103.28 2.63 0.00
ALCOA___DSASP 323711	178.01 3.93 0.00	148.19 3.43 0.00	157.18 3.39 0.00	176.32 3.94 0.00	158.64 3.66 0.00	172.30 4.02 0.00	194.77 3.91 0.00	255.37 4.56 0.00	168.50 3.10 0.00	143.13 2.94 0.00	147.74 3.26 0.00	149.17 4.05 0.00	152.56 4.23 0.00	168.98 4.15 0.00	187.84 4.30 0.00	177.82 3.59 0.00	280.90 5.16 0.00	189.45 3.94 0.00	171.35 3.92 0.00	190.37 4.66 0.00	180.51 4.45 0.00	188.05 4.36 0.00	162.57 3.78 0.00	103.28 2.63 0.00
ALLEGHENY___COGEN 23514	159.95 -14.13 0.00	131.73 -13.03 0.00	139.13 -14.66 0.00	155.02 -17.36 0.00	138.57 -16.42 0.00	147.36 -20.91 0.00	297.74 -25.28 -132.17	258.30 -33.19 -40.68	130.28 -19.75 15.36	129.33 -18.45 -7.59	124.05 -20.43 0.00	123.45 -21.66 0.00	125.97 -22.36 0.00	140.38 -23.83 0.61	158.19 -24.82 0.52	144.40 -23.55 6.28	329.20 -35.10 -88.56	284.04 -22.95 -121.48	281.05 -20.59 -134.20	307.17 -23.48 -144.94	294.13 -22.67 -140.75	278.14 -25.39 -119.85	143.12 -22.16 -6.49	88.44 -12.20 0.01
ALTAMONT_115KV_TB 2 55880	176.87 2.79 0.00	147.32 2.56 0.00	156.68 2.89 0.00	175.57 3.19 0.00	157.88 2.89 0.00	171.67 3.39 0.00	195.14 4.02 -0.27	256.06 5.26 0.00	168.89 3.50 0.00	143.28 3.09 0.00	149.96 3.54 -1.94	148.53 3.42 0.00	151.73 3.40 0.00	168.84 4.01 0.00	187.75 4.22 0.00	191.09 4.38 -12.47	287.32 6.58 -5.00	192.02 4.12 -2.38	170.86 3.44 0.00	202.03 3.92 -12.40	218.06 3.93 -38.06	218.50 4.40 -30.42	177.69 3.95 -14.95	103.07 2.42 0.00
ALTONA_WT_PWR 323606	179.09 5.01 0.00	149.60 4.85 0.00	158.83 5.05 0.00	178.01 5.63 0.00	160.37 5.39 0.00	174.72 6.45 0.00	197.36 6.51 0.00	259.63 8.83 0.00	171.21 5.81 0.00	145.58 5.39 0.00	150.20 5.73 0.00	150.90 5.78 0.00	154.24 5.91 0.00	171.32 6.49 0.00	190.47 6.93 0.00	180.01 5.78 0.00	284.27 8.53 0.00	190.51 4.99 0.00	171.91 4.48 0.00	192.05 6.34 0.00	182.11 6.04 0.00	189.08 5.39 0.00	162.34 3.55 0.00	102.33 1.68 0.00
AMERICAN_REF_FUEL 24010	161.71 -12.26 0.11	131.43 -10.92 2.41	140.81 -12.98 0.00	156.68 -15.70 0.00	139.13 -15.86 0.00	145.21 -23.06 0.00	130.05 -28.47 32.33	145.19 -41.09 64.53	82.23 -26.56 56.60	116.45 -20.66 3.08	122.76 -21.72 0.00	124.06 -21.06 0.00	128.54 -19.80 0.00	139.93 -24.27 0.63	156.71 -26.29 0.54	142.13 -25.97 6.13	209.96 -40.55 25.22	125.52 -25.04 34.96	117.10 -21.67 28.66	130.65 -24.11 30.95	123.97 -22.03 30.05	125.27 -22.93 35.48	125.57 -20.07 13.15	89.12 -11.52 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	169.66 -4.27 0.15	135.28 -6.20 3.28	146.75 -7.04 0.00	162.21 -10.16 0.00	140.83 -14.16 0.00	147.65 -20.63 0.00	134.00 -26.88 29.97	137.42 -36.25 77.13	70.61 -24.24 70.55	118.88 -18.10 3.22	125.47 -19.01 0.00	126.60 -18.51 0.00	130.62 -17.71 0.00	142.86 -21.35 0.62	159.02 -23.98 0.53	145.21 -22.89 6.14	216.26 -35.90 23.57	127.83 -24.41 33.27	121.33 -21.27 24.83	134.37 -24.52 26.82	126.56 -23.46 26.04	125.27 -25.98 32.44	124.58 -20.85 13.35	88.40 -12.24 0.00
ARTHUR KILL_GT_1 23520	178.66 4.58 0.00	148.66 3.90 0.00	157.87 4.09 0.00	176.90 4.52 0.00	159.51 4.52 0.00	108.34 5.26 65.19	145.90 7.47 52.42	238.01 11.84 24.63	134.37 8.74 39.78	87.99 7.43 59.64	93.31 7.08 58.25	99.36 5.93 51.69	99.57 5.34 54.09	95.75 5.95 75.02	104.71 7.21 86.03	126.29 7.37 55.32	244.60 13.88 45.01	140.10 9.85 55.27	139.98 8.64 36.08	141.92 9.12 52.92	155.76 8.39 28.70	130.84 8.81 61.66	91.93 7.45 74.30	94.63 4.39 10.40
ARTHUR_KILL_2 23512	178.08 4.00 0.00	148.19 3.43 0.00	157.41 3.63 0.00	176.32 3.95 0.00	159.01 4.02 0.00	107.75 4.66 65.19	145.11 6.68 52.42	237.09 10.92 24.63	133.78 8.16 39.78	87.54 6.98 59.64	92.88 6.66 58.25	99.00 5.57 51.69	99.20 4.96 54.09	95.33 5.52 75.02	104.16 6.65 86.03	125.67 6.76 55.32	243.54 12.81 45.01	139.38 9.14 55.27	139.34 8.00 36.08	141.17 8.38 52.92	155.08 7.71 28.70	130.09 8.06 61.66	91.38 6.89 74.30	94.32 4.07 10.40
ARTHUR_KILL_3 23513	177.91 3.83 0.00	148.07 3.31 0.00	157.51 3.73 0.00	176.39 4.01 0.00	159.07 4.08 0.00	107.91 4.82 65.19	190.33 6.28 6.80	257.88 10.32 3.25	153.51 7.39 19.28	87.44 6.89 59.64	92.89 6.67 58.26	99.14 5.71 51.69	99.38 5.15 54.10	95.55 5.73 75.01	104.31 6.80 86.03	151.55 6.63 29.32	280.68 12.47 7.52	185.42 8.60 8.70	141.14 7.45 33.74	140.51 7.71 52.91	154.72 7.36 28.69	130.17 8.16 61.67	90.97 7.21 75.03	94.38 4.14 10.41

ARTHUR_KILL_COGEN 323718	178.63 4.55 0.00	148.64 3.88 0.00	157.89 4.10 0.00	176.91 4.53 0.00	159.52 4.53 0.00	108.31 5.23 65.19	145.76 7.32 52.42	237.91 11.74 24.63	134.35 8.73 39.78	87.97 7.42 59.64	93.31 7.08 58.25	99.38 5.95 51.69	99.61 5.37 54.09	95.78 5.97 75.02	104.69 7.19 86.03	126.19 7.28 55.32	244.50 13.77 45.01	140.05 9.80 55.27	139.91 8.56 36.08	141.83 9.03 52.92	155.72 8.35 28.70	130.78 8.75 61.66	91.90 7.42 74.30	94.65 4.40 10.40
ASHOKAN____ 23654	184.62 10.54 0.00	153.55 8.79 0.00	163.25 9.46 0.00	183.19 10.81 0.00	165.10 10.11 0.00	179.93 11.66 0.00	205.52 14.41 -0.26	271.05 20.24 0.00	178.44 13.04 0.00	150.27 10.07 0.00	156.04 9.74 -1.83	154.27 9.16 0.00	157.60 9.27 0.00	176.18 11.46 0.11	196.60 13.16 0.09	197.42 12.45 -10.73	301.60 21.38 -4.49	202.63 14.87 -2.25	180.92 13.49 0.00	211.37 13.97 -11.70	224.14 12.17 -35.91	224.24 12.84 -27.72	182.75 11.05 -12.90	107.65 7.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	178.59 4.51 0.00	148.49 3.73 0.00	157.54 3.76 0.00	176.57 4.19 0.00	159.28 4.29 0.00	173.23 4.96 0.00	197.32 6.34 -0.12	261.10 10.29 0.00	172.92 7.52 0.00	147.07 6.88 0.00	152.08 6.73 -0.87	150.48 5.36 0.00	152.99 4.66 0.00	169.94 5.25 0.13	189.88 6.45 0.11	185.14 6.46 -4.45	289.65 11.90 -2.02	194.89 8.29 -1.09	175.08 7.65 0.00	199.20 7.83 -5.66	200.78 7.34 -17.38	204.41 7.97 -12.75	171.12 6.91 -5.43	104.88 4.23 0.00
ASTORIA_EAST_ENERGY_CC2 323582	178.67 4.58 0.00	148.52 3.77 0.00	157.59 3.81 0.00	176.68 4.30 0.00	159.34 4.35 0.00	173.25 4.97 0.00	197.29 6.32 -0.12	261.07 10.27 0.00	172.91 7.51 0.00	147.04 6.85 0.00	152.08 6.73 -0.87	150.48 5.36 0.00	152.99 4.66 0.00	169.94 5.25 0.13	189.88 6.45 0.11	185.14 6.46 -4.45	289.65 11.90 -2.02	194.89 8.29 -1.09	175.08 7.65 0.00	199.20 7.83 -5.66	200.78 7.34 -17.38	204.41 7.97 -12.75	171.12 6.91 -5.43	104.88 4.23 0.00
ASTORIA_GT2_1 24094	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT2_2 24095	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT2_3 24096	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT2_4 24097	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT3_1 24098	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT3_2 24099	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT3_3 24100	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT3_4 24101	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT4_1 24102	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT4_2 24103	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT4_3 24104	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00

ASTORIA_GT4_4 24105	178.71 4.63 0.00	148.54 3.78 0.00	157.55 3.77 0.00	176.65 4.27 0.00	159.35 4.36 0.00	173.30 5.03 0.00	197.57 6.59 -0.12	261.27 10.47 0.00	173.04 7.64 0.00	147.09 6.90 0.00	152.14 6.79 -0.87	150.55 5.44 0.00	153.11 4.78 0.00	170.03 5.33 0.13	190.01 6.58 0.11	185.30 6.61 -4.45	289.88 12.13 -2.02	195.08 8.47 -1.09	175.25 7.81 0.00	199.36 7.98 -5.66	200.94 7.50 -17.38	204.58 8.14 -12.75	171.25 7.03 -5.43	104.93 4.28 0.00
ASTORIA_GT_1 23523	179.06 4.98 0.00	148.82 4.06 0.00	157.80 4.02 0.00	176.93 4.55 0.00	159.64 4.65 0.00	173.63 5.35 0.00	198.00 7.03 -0.12	261.84 11.04 0.00	173.39 7.99 0.00	147.48 7.28 0.00	152.48 7.14 -0.87	150.90 5.78 0.00	153.43 5.10 0.00	170.43 5.73 0.13	190.39 6.96 0.11	185.72 7.03 -4.45	290.59 12.84 -2.02	195.54 8.94 -1.09	175.61 8.18 0.00	199.77 8.40 -5.66	201.31 7.87 -17.38	204.99 8.56 -12.75	171.57 7.35 -5.43	105.13 4.48 0.00
ASTORIA_GT_10 24110	178.63 4.55 0.00	148.88 4.12 0.00	158.08 4.30 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.79 5.51 0.00	198.32 7.34 -0.12	262.36 11.55 0.00	173.77 8.37 0.00	147.75 7.56 0.00	152.62 7.27 -0.87	151.28 6.17 0.00	153.92 5.58 0.00	170.88 6.18 0.13	190.80 7.37 0.11	186.12 7.44 -4.45	291.54 13.78 -2.02	196.26 9.65 -1.09	175.87 8.44 0.00	200.17 8.80 -5.66	201.76 8.32 -17.38	205.36 8.92 -12.75	172.12 7.91 -5.43	105.24 4.58 0.00
ASTORIA_GT_11 24225	178.63 4.55 0.00	148.88 4.12 0.00	158.08 4.30 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.79 5.51 0.00	198.32 7.34 -0.12	262.36 11.55 0.00	173.77 8.37 0.00	147.75 7.56 0.00	152.62 7.27 -0.87	151.28 6.17 0.00	153.92 5.58 0.00	170.88 6.18 0.13	190.80 7.37 0.11	186.12 7.44 -4.45	291.54 13.78 -2.02	196.26 9.65 -1.09	175.87 8.44 0.00	200.17 8.80 -5.66	201.76 8.32 -17.38	205.36 8.92 -12.75	172.12 7.91 -5.43	105.24 4.58 0.00
ASTORIA_GT_12 24226	178.63 4.55 0.00	148.88 4.12 0.00	158.08 4.30 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.79 5.51 0.00	198.32 7.34 -0.12	262.36 11.55 0.00	173.77 8.37 0.00	147.75 7.56 0.00	152.62 7.27 -0.87	151.28 6.17 0.00	153.92 5.58 0.00	170.88 6.18 0.13	190.80 7.37 0.11	186.12 7.44 -4.45	291.54 13.78 -2.02	196.26 9.65 -1.09	175.87 8.44 0.00	200.17 8.80 -5.66	201.76 8.32 -17.38	205.36 8.92 -12.75	172.12 7.91 -5.43	105.24 4.58 0.00
ASTORIA_GT_13 24227	178.63 4.55 0.00	148.88 4.12 0.00	158.08 4.30 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.79 5.51 0.00	198.32 7.34 -0.12	262.36 11.55 0.00	173.77 8.37 0.00	147.75 7.56 0.00	152.62 7.27 -0.87	151.28 6.17 0.00	153.92 5.58 0.00	170.88 6.18 0.13	190.80 7.37 0.11	186.12 7.44 -4.45	291.54 13.78 -2.02	196.26 9.65 -1.09	175.87 8.44 0.00	200.17 8.80 -5.66	201.76 8.32 -17.38	205.36 8.92 -12.75	172.12 7.91 -5.43	105.24 4.58 0.00
ASTORIA_GT_5 24106	179.06 4.98 0.00	148.82 4.06 0.00	157.80 4.02 0.00	176.93 4.55 0.00	159.64 4.65 0.00	173.63 5.35 0.00	198.00 7.03 -0.12	261.84 11.04 0.00	173.39 7.99 0.00	147.48 7.28 0.00	152.48 7.14 -0.87	150.90 5.78 0.00	153.43 5.10 0.00	170.43 5.73 0.13	190.39 6.96 0.11	185.72 7.03 -4.45	290.59 12.84 -2.02	195.54 8.94 -1.09	175.61 8.18 0.00	199.77 8.40 -5.66	201.31 7.87 -17.38	204.99 8.56 -12.75	171.57 7.35 -5.43	105.13 4.48 0.00
ASTORIA_GT_7 24107	179.06 4.98 0.00	148.82 4.06 0.00	157.80 4.02 0.00	176.93 4.55 0.00	159.64 4.65 0.00	173.63 5.35 0.00	198.00 7.03 -0.12	261.84 11.04 0.00	173.39 7.99 0.00	147.48 7.28 0.00	152.48 7.14 -0.87	150.90 5.78 0.00	153.43 5.10 0.00	170.43 5.73 0.13	190.39 6.96 0.11	185.72 7.03 -4.45	290.59 12.84 -2.02	195.54 8.94 -1.09	175.61 8.18 0.00	199.77 8.40 -5.66	201.31 7.87 -17.38	204.99 8.56 -12.75	171.57 7.35 -5.43	105.13 4.48 0.00
ASTORIA_GT_8 24108	179.06 4.98 0.00	148.82 4.06 0.00	157.80 4.02 0.00	176.93 4.55 0.00	159.64 4.65 0.00	173.63 5.35 0.00	198.00 7.03 -0.12	261.84 11.04 0.00	173.39 7.99 0.00	147.48 7.28 0.00	152.48 7.14 -0.87	150.90 5.78 0.00	153.43 5.10 0.00	170.43 5.73 0.13	190.39 6.96 0.11	185.72 7.03 -4.45	290.59 12.84 -2.02	195.54 8.94 -1.09	175.61 8.18 0.00	199.77 8.40 -5.66	201.31 7.87 -17.38	204.99 8.56 -12.75	171.57 7.35 -5.43	105.13 4.48 0.00
ASTORIA___2 24149	178.68 4.60 0.00	148.54 3.78 0.00	157.62 3.84 0.00	176.69 4.31 0.00	159.35 4.36 0.00	173.27 5.00 0.00	197.42 6.45 -0.12	261.24 10.44 0.00	173.00 7.60 0.00	147.09 6.89 0.00	152.16 6.81 -0.87	150.58 5.47 0.00	153.12 4.79 0.00	170.03 5.33 0.13	190.00 6.57 0.11	185.25 6.57 -4.45	289.82 12.07 -2.02	195.03 8.43 -1.09	175.18 7.75 0.00	199.30 7.93 -5.66	200.90 7.45 -17.38	204.52 8.08 -12.75	171.22 7.01 -5.43	104.94 4.29 0.00
ASTORIA___3 23516	178.63 4.55 0.00	148.85 4.10 0.00	158.11 4.32 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.77 5.49 0.00	198.15 7.18 -0.12	262.29 11.49 0.00	173.73 8.33 0.00	147.76 7.56 0.00	152.62 7.28 -0.87	151.29 6.18 0.00	153.90 5.57 0.00	170.89 6.20 0.13	190.80 7.37 0.11	186.09 7.41 -4.45	291.49 13.74 -2.02	196.19 9.59 -1.09	175.81 8.38 0.00	200.15 8.78 -5.66	201.71 8.27 -17.38	205.31 8.87 -12.75	172.10 7.89 -5.43	105.24 4.58 0.00
ASTORIA___4 23517	178.63 4.55 0.00	148.88 4.12 0.00	158.08 4.30 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.79 5.51 0.00	198.32 7.34 -0.12	262.36 11.55 0.00	173.77 8.37 0.00	147.75 7.56 0.00	152.62 7.27 -0.87	151.28 6.17 0.00	153.92 5.58 0.00	170.88 6.18 0.13	190.80 7.37 0.11	186.12 7.44 -4.45	291.54 13.78 -2.02	196.26 9.65 -1.09	175.87 8.44 0.00	200.17 8.80 -5.66	201.76 8.32 -17.38	205.34 8.91 -12.75	172.12 7.91 -5.43	105.24 4.58 0.00
ASTORIA___5 23518	178.63 4.55 0.00	148.85 4.10 0.00	158.11 4.32 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.77 5.49 0.00	198.15 7.18 -0.12	262.29 11.49 0.00	173.75 8.35 0.00	147.76 7.56 0.00	152.62 7.28 -0.87	151.29 6.18 0.00	153.90 5.57 0.00	170.89 6.20 0.13	190.80 7.37 0.11	186.09 7.41 -4.45	291.50 13.74 -2.02	196.19 9.59 -1.09	175.81 8.38 0.00	200.15 8.78 -5.66	201.71 8.27 -17.38	205.31 8.87 -12.75	172.10 7.89 -5.43	105.24 4.58 0.00
AST_ENERGY_2_CC3 323677	177.35 3.27 0.00	147.60 2.84 0.00	156.56 2.77 0.00	175.33 2.95 0.00	158.36 3.37 0.00	171.81 3.53 0.00	195.52 4.54 -0.12	258.73 7.93 0.00	171.36 5.97 0.00	145.71 5.52 0.00	151.18 5.83 -0.87	149.43 4.31 0.00	151.44 3.11 0.00	168.22 3.52 0.13	187.97 4.54 0.11	183.33 4.65 -4.45	286.87 9.12 -2.02	193.10 6.49 -1.09	173.74 6.30 0.00	197.24 5.87 -5.66	198.96 5.52 -17.38	202.48 6.05 -12.75	169.48 5.27 -5.43	104.22 3.57 0.00
AST_ENERGY_2_CC4 323678	177.35 3.27 0.00	147.60 2.84 0.00	156.56 2.77 0.00	175.33 2.95 0.00	158.36 3.37 0.00	171.81 3.53 0.00	195.52 4.54 -0.12	258.73 7.93 0.00	171.36 5.97 0.00	145.71 5.52 0.00	151.18 5.83 -0.87	149.43 4.31 0.00	151.44 3.11 0.00	168.22 3.52 0.13	187.97 4.54 0.11	183.33 4.65 -4.45	286.87 9.12 -2.02	193.10 6.49 -1.09	173.74 6.30 0.00	197.24 5.87 -5.66	198.96 5.52 -17.38	202.48 6.05 -12.75	169.48 5.27 -5.43	104.22 3.57 0.00

ATHENS_STG_1 23668	177.40 3.32 0.00	147.67 2.92 0.00	157.17 3.39 0.00	176.20 3.82 0.00	158.50 3.51 0.00	172.36 4.08 0.00	196.05 5.10 -0.10	258.38 7.58 0.00	170.59 5.19 0.00	144.73 4.53 0.00	149.73 4.53 -0.71	149.32 4.21 0.00	152.37 4.04 0.00	169.28 4.57 0.12	188.30 4.86 0.10	182.60 4.90 -3.46	285.29 7.95 -1.60	191.39 4.99 -0.88	171.78 4.35 0.00	194.94 4.63 -4.60	194.62 4.43 -14.13	199.06 5.17 -10.21	167.74 4.73 -4.22	103.43 2.78 0.00
ATHENS_STG_2 23670	177.40 3.32 0.00	147.67 2.92 0.00	157.17 3.39 0.00	176.20 3.82 0.00	158.50 3.51 0.00	172.36 4.08 0.00	196.05 5.10 -0.10	258.38 7.58 0.00	170.59 5.19 0.00	144.73 4.53 0.00	149.73 4.53 -0.71	149.32 4.21 0.00	152.37 4.04 0.00	169.28 4.57 0.12	188.30 4.86 0.10	182.60 4.90 -3.46	285.29 7.95 -1.60	191.39 4.99 -0.88	171.78 4.35 0.00	194.94 4.63 -4.60	194.62 4.43 -14.13	199.06 5.17 -10.21	167.74 4.73 -4.22	103.43 2.78 0.00
ATHENS_STG_3 23677	177.40 3.32 0.00	147.67 2.92 0.00	157.17 3.39 0.00	176.20 3.82 0.00	158.50 3.51 0.00	172.36 4.08 0.00	196.05 5.10 -0.10	258.38 7.58 0.00	170.59 5.19 0.00	144.73 4.53 0.00	149.73 4.53 -0.71	149.32 4.21 0.00	152.37 4.04 0.00	169.28 4.57 0.12	188.30 4.86 0.10	182.60 4.90 -3.46	285.29 7.95 -1.60	191.39 4.99 -0.88	171.78 4.35 0.00	194.94 4.63 -4.60	194.62 4.43 -14.13	199.06 5.17 -10.21	167.74 4.73 -4.22	103.43 2.78 0.00
AUBURN___LFGE 323710	173.01 -1.07 0.00	142.95 -1.81 0.00	151.78 -2.01 0.00	170.02 -2.36 0.00	152.97 -2.02 0.00	165.47 -2.81 0.00	190.97 -2.37 -2.49	279.70 -3.41 -32.30	202.60 -2.00 -39.21	138.29 -2.88 -0.98	141.79 -2.69 0.00	142.46 -2.66 0.00	145.84 -2.49 0.00	161.50 -2.90 0.42	180.42 -2.75 0.36	168.34 -2.24 3.66	275.39 -2.67 -2.33	189.85 -1.79 -6.12	165.99 -1.44 0.00	183.82 -1.89 0.00	173.27 -2.79 0.00	178.97 -3.07 1.65	153.68 -2.85 2.27	98.89 -1.77 0.00
BABYLON_RES_REC 323704	182.55 6.45 -2.02	150.70 5.62 -0.33	160.58 5.76 -1.04	178.82 5.96 -0.48	162.74 6.68 -1.06	177.84 8.01 -1.55	202.75 9.80 -2.10	267.34 12.12 -4.41	176.74 9.84 -1.51	149.92 9.23 -0.50	154.44 8.38 -1.58	152.86 6.99 -0.76	155.42 6.25 -0.83	172.88 6.80 -1.26	194.37 8.90 -1.94	187.94 7.49 -6.21	292.76 14.50 -2.52	198.60 10.89 -2.20	179.48 10.39 -1.66	204.81 11.28 -7.82	205.37 9.84 -19.47	210.72 11.70 -15.33	175.67 9.88 -7.00	107.44 6.79 0.00
BALL_HILL_WT_PWR 323825	167.77 -6.17 0.14	134.96 -6.76 3.03	145.93 -7.85 0.00	162.18 -10.20 0.00	142.79 -12.20 0.00	150.24 -18.03 0.00	127.48 -23.20 40.16	136.14 -32.04 82.62	72.26 -21.29 71.85	120.47 -15.87 3.85	127.77 -16.71 0.00	128.87 -16.25 0.00	132.97 -15.36 0.00	145.15 -19.05 0.62	162.47 -20.53 0.53	147.62 -20.48 6.14	213.75 -31.43 30.57	122.03 -20.66 42.82	114.53 -17.92 34.98	127.44 -20.48 37.79	120.08 -19.29 36.69	120.20 -21.42 42.07	126.34 -17.93 14.52	90.16 -10.49 0.00
BARON_WINDS___WT_PWR 323822	170.27 -3.86 -0.05	141.16 -4.70 -1.09	148.41 -5.38 0.00	165.31 -7.07 0.00	146.96 -8.03 0.00	155.81 -12.46 0.01	-47.04 -16.64 221.24	-61.01 -23.58 288.24	-64.57 -15.39 214.57	111.26 -11.34 17.59	132.78 -11.90 -0.20	132.99 -12.12 0.00	136.04 -12.29 0.00	147.63 -16.60 0.60	165.69 -17.33 0.51	151.62 -17.63 4.98	91.68 -26.49 157.57	-55.00 -18.42 222.10	-55.60 -16.46 206.57	-55.00 -18.88 221.84	-55.00 -18.30 212.76	-43.59 -19.94 207.33	102.69 -17.22 38.87	90.12 -10.52 0.01
BARRETT_IC_1 23704	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_10 23701	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_11 23702	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_12 23703	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_2 23705	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_3 23706	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_4 23707	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_5 23708	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00

BARRETT_IC_6 23709	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_7 23710	178.76 4.68 0.00	149.41 4.65 0.00	158.69 4.90 0.00	177.14 4.76 0.00	160.51 5.52 0.00	174.74 6.47 0.00	199.10 8.13 -0.12	260.16 9.36 0.00	173.68 8.28 0.00	148.38 8.19 0.00	152.95 7.60 -0.88	151.67 6.56 0.00	154.19 5.85 0.00	170.98 6.29 0.13	190.91 7.48 0.11	185.29 6.61 -4.45	289.62 11.87 -2.02	195.39 8.79 -1.09	175.92 8.49 0.00	200.63 9.25 -5.66	201.55 8.11 -17.38	206.02 9.58 -12.75	172.36 8.15 -5.43	106.40 5.75 0.00
BARRETT_IC_8 23711	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT_IC_9 23700	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT___1 23545	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BARRETT___2 23546	178.76 4.68 0.00	149.40 4.64 0.00	158.70 4.92 0.00	177.15 4.77 0.00	160.50 5.51 0.00	174.76 6.48 0.00	198.95 7.97 -0.12	260.02 9.21 0.00	173.61 8.21 0.00	148.40 8.21 0.00	152.96 7.61 -0.88	151.66 6.54 -0.01	154.23 5.89 0.00	170.97 6.27 0.12	190.84 7.41 0.11	185.23 6.55 -4.45	289.47 11.72 -2.02	195.30 8.70 -1.09	175.88 8.45 0.00	200.60 9.22 -5.66	201.50 8.05 -17.38	205.96 9.52 -12.75	172.34 8.13 -5.43	106.42 5.77 0.00
BATAVIA___115KV_TB1 55881	166.73 -7.35 0.00	137.83 -6.93 0.00	145.31 -8.48 0.00	161.84 -10.54 0.00	144.25 -10.74 0.00	152.03 -16.25 0.00	148.34 -19.92 22.58	176.22 -28.14 46.44	104.15 -18.53 42.72	123.76 -14.21 2.23	129.47 -15.01 0.00	130.52 -14.60 0.00	134.81 -13.52 0.00	147.85 -16.34 0.63	165.70 -17.30 0.54	150.86 -17.29 6.08	230.79 -26.19 18.75	144.18 -15.69 25.65	133.37 -13.59 20.46	148.81 -14.80 22.10	143.37 -11.23 21.46	143.69 -12.83 27.17	135.69 -11.49 11.61	94.23 -6.42 0.00
BAYONEEC___CTG1 323682	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG10 323750	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG2 323683	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG3 323684	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG4 323685	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG5 323686	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG6 323687	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG7 323688	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20

BAYONEEC___CTG8 323689	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BAYONEEC___CTG9 323749	178.91 4.83 0.00	148.93 4.17 0.00	158.37 4.59 0.00	177.35 4.98 0.00	159.94 4.95 0.00	166.52 5.78 7.53	192.20 7.30 5.94	259.60 11.64 2.85	169.05 8.25 4.59	140.95 7.65 6.89	145.90 7.38 5.96	145.58 6.44 5.97	147.98 5.90 6.25	162.56 6.51 8.78	181.22 7.72 10.03	179.28 7.51 2.46	286.08 13.76 3.42	189.53 9.43 5.42	171.55 8.29 4.17	193.26 8.65 1.10	196.36 8.24 -12.06	196.91 9.07 -4.15	163.01 8.00 3.78	104.10 4.65 1.20
BEACON___LESR 323632	179.80 5.72 0.00	149.35 4.60 0.00	159.15 5.36 0.00	178.26 5.88 0.00	160.52 5.54 0.00	174.62 6.35 0.00	198.60 7.32 -0.43	260.38 9.58 0.00	171.76 6.36 0.00	145.70 5.51 0.00	153.83 6.25 -3.11	151.22 6.10 0.00	154.00 5.66 0.00	171.67 6.84 0.00	190.84 7.31 0.00	201.80 7.62 -19.95	295.58 11.86 -7.99	197.19 7.87 -3.81	174.16 6.73 0.00	213.17 7.64 -19.82	244.65 7.75 -60.84	240.45 8.15 -48.61	189.64 6.96 -23.89	105.00 4.35 0.00
BEAVER RIVER___HYD 24048	182.79 8.71 0.00	151.51 6.74 0.00	161.27 7.48 0.00	180.73 8.35 0.00	162.11 7.12 0.00	175.31 7.03 0.00	199.21 8.36 0.00	260.46 9.65 0.00	170.81 5.41 0.00	143.40 3.20 0.00	148.86 4.38 0.00	150.96 5.84 0.00	153.62 5.28 0.00	169.61 4.79 0.00	186.55 3.02 0.00	176.00 1.77 0.00	276.04 0.30 0.00	187.39 1.87 0.00	169.27 1.84 0.00	186.17 0.46 0.00	175.52 -0.54 0.00	182.75 -0.94 0.00	158.21 -0.58 0.00	100.48 -0.17 0.00
BEEBEE_GT_13 23619	169.01 -5.07 0.00	139.92 -4.84 0.00	148.00 -5.79 0.00	165.14 -7.24 0.00	147.58 -7.41 0.00	157.33 -10.94 0.00	175.77 -13.48 1.61	210.31 -18.72 21.77	130.85 -11.96 22.59	130.53 -9.10 0.56	135.09 -9.39 0.00	136.13 -8.99 0.00	140.05 -8.28 0.00	153.98 -10.21 0.63	172.36 -10.64 0.54	157.47 -10.74 6.02	256.35 -16.35 3.03	172.37 -9.86 3.29	158.93 -8.50 0.00	176.19 -9.52 0.00	167.12 -8.94 0.00	166.12 -10.80 6.76	141.17 -9.45 8.16	95.37 -5.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	180.00 5.92 0.00	149.81 5.05 0.00	159.06 5.28 0.00	178.19 5.82 0.00	160.70 5.71 0.00	175.05 6.78 0.00	199.88 8.91 -0.12	264.32 13.52 0.00	174.95 9.55 0.00	148.70 8.50 0.00	153.63 8.28 -0.87	152.32 7.21 0.00	154.94 6.61 0.00	172.16 7.46 0.13	192.41 8.98 0.11	187.66 8.98 -4.45	293.91 16.16 -2.02	197.79 11.18 -1.09	177.18 9.75 0.00	201.63 10.26 -5.66	203.04 9.60 -17.38	206.64 10.21 -12.75	173.03 8.81 -5.43	105.70 5.05 0.00
BETHLEHEM___GRP 23843	176.43 2.35 0.00	147.04 2.28 0.00	156.45 2.67 0.00	175.15 2.78 0.00	157.67 2.68 0.00	171.55 3.28 0.00	194.90 3.63 -0.41	255.27 4.47 0.00	168.41 3.01 0.00	143.09 2.89 0.00	151.48 4.04 -2.96	149.09 3.97 0.00	152.16 3.83 0.00	169.25 4.42 0.00	188.21 4.67 0.00	198.15 4.90 -19.01	290.44 7.09 -7.61	193.60 4.46 -3.63	170.81 3.38 0.00	208.68 4.08 -18.89	238.27 4.23 -57.98	234.75 4.73 -46.33	185.88 4.32 -22.77	103.52 2.87 0.00
BETHLEHEM___GS1 323560	176.43 2.34 0.00	147.05 2.29 0.00	156.45 2.67 0.00	175.15 2.77 0.00	157.67 2.68 0.00	171.55 3.28 0.00	194.83 3.57 -0.41	255.24 4.44 0.00	168.41 3.01 0.00	143.08 2.89 0.00	151.48 4.05 -2.96	149.10 3.98 0.00	152.16 3.83 0.00	169.23 4.40 0.00	188.18 4.64 0.00	198.16 4.91 -19.01	290.40 7.05 -7.61	193.60 4.46 -3.63	170.79 3.36 0.00	208.68 4.08 -18.89	238.25 4.20 -57.98	234.74 4.72 -46.33	185.87 4.31 -22.77	103.52 2.87 0.00
BETHLEHEM___GS2 323561	176.43 2.34 0.00	147.05 2.29 0.00	156.45 2.67 0.00	175.15 2.77 0.00	157.67 2.68 0.00	171.55 3.28 0.00	194.83 3.57 -0.41	255.24 4.44 0.00	168.41 3.01 0.00	143.08 2.89 0.00	151.48 4.05 -2.96	149.10 3.98 0.00	152.16 3.83 0.00	169.23 4.40 0.00	188.18 4.64 0.00	198.16 4.91 -19.01	290.40 7.05 -7.61	193.60 4.46 -3.63	170.79 3.36 0.00	208.68 4.08 -18.89	238.25 4.20 -57.98	234.74 4.72 -46.33	185.87 4.31 -22.77	103.52 2.87 0.00
BETHLEHEM___GS3 323562	176.43 2.34 0.00	147.05 2.29 0.00	156.45 2.67 0.00	175.15 2.77 0.00	157.67 2.68 0.00	171.55 3.28 0.00	194.83 3.57 -0.41	255.24 4.44 0.00	168.41 3.01 0.00	143.08 2.89 0.00	151.48 4.05 -2.96	149.10 3.98 0.00	152.16 3.83 0.00	169.23 4.40 0.00	188.18 4.64 0.00	198.16 4.91 -19.01	290.40 7.05 -7.61	193.60 4.46 -3.63	170.79 3.36 0.00	208.68 4.08 -18.89	238.25 4.20 -57.98	234.74 4.72 -46.33	185.87 4.31 -22.77	103.52 2.87 0.00
BETHLEHEM___STEEL 23779	167.64 -6.44 0.00	138.38 -6.38 0.00	146.01 -7.78 0.00	162.52 -9.85 0.00	144.15 -10.84 0.00	151.13 -17.15 0.00	128.39 -22.39 40.08	139.86 -31.02 79.92	75.70 -20.53 69.17	121.06 -15.34 3.80	128.45 -16.03 0.00	129.82 -15.29 0.00	134.06 -14.27 0.00	146.28 -17.92 0.63	163.93 -19.07 0.53	148.53 -19.57 6.14	214.92 -30.27 30.55	124.01 -18.81 42.70	115.97 -16.26 35.20	129.41 -18.29 38.02	122.32 -16.82 36.92	122.55 -18.97 42.17	128.29 -16.07 14.44	91.28 -9.37 0.00
BETHLHEM_115KV_TB1 79974	176.60 2.52 0.00	147.18 2.42 0.00	156.57 2.79 0.00	175.33 2.95 0.00	157.78 2.79 0.00	171.63 3.35 0.00	195.01 3.77 -0.39	255.56 4.76 0.00	168.60 3.21 0.00	143.20 3.01 0.00	151.27 3.99 -2.80	149.00 3.89 0.00	152.09 3.76 0.00	169.22 4.40 0.00	188.15 4.61 0.00	197.11 4.86 -18.01	290.03 7.09 -7.21	193.41 4.46 -3.44	170.89 3.46 0.00	207.70 4.09 -17.90	235.22 4.21 -54.95	232.31 4.72 -43.90	184.65 4.28 -21.58	103.42 2.77 0.00
BETHPAGE_CC_5 323564	180.03 5.35 -0.60	149.56 4.80 0.00	158.68 4.89 0.00	177.47 5.09 0.00	160.75 5.77 0.00	175.24 6.97 0.00	199.73 8.75 -0.12	261.89 11.09 0.00	174.44 9.04 0.00	148.62 8.42 0.00	152.78 7.43 -0.87	151.20 6.08 0.00	153.73 5.40 0.00	170.59 5.89 0.13	190.97 7.54 0.11	185.01 6.32 -4.45	290.41 12.66 -2.02	196.07 9.47 -1.09	176.32 8.89 0.00	201.21 9.83 -5.66	201.99 8.55 -17.38	206.61 10.18 -12.75	172.81 8.60 -5.43	106.55 5.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	168.46 -5.62 0.00	139.03 -5.73 0.00	146.65 -7.14 0.00	163.27 -9.11 0.00	144.85 -10.14 0.00	151.97 -16.31 0.00	131.54 -21.46 37.85	142.24 -29.70 78.86	76.66 -19.70 69.03	121.94 -14.59 3.66	129.28 -15.20 0.00	130.65 -14.47 0.00	134.84 -13.49 0.00	147.20 -17.00 0.62	165.00 -18.00 0.53	149.46 -18.64 6.14	217.97 -28.74 29.02	127.01 -17.89 40.61	118.96 -15.51 32.97	132.61 -17.50 35.61	125.44 -16.05 34.57	125.45 -18.18 40.06	129.10 -15.51 14.18	91.58 -9.06 0.00
BINGHAMTON___COGEN 23790	172.45 -1.63 0.00	142.81 -1.95 0.00	151.84 -1.94 0.00	170.17 -2.21 0.00	152.55 -2.44 0.00	164.99 -3.28 0.00	193.26 -3.83 -6.25	237.10 -3.64 10.06	144.04 -2.97 18.39	137.44 -2.68 0.07	141.62 -3.16 -0.30	141.93 -3.19 0.00	145.29 -3.05 0.00	160.13 -4.14 0.56	179.16 -3.91 0.47	166.70 -4.12 3.41	273.05 -5.47 -2.78	185.09 -4.13 -3.71	170.99 -3.67 -7.23	191.02 -4.42 -9.73	185.11 -4.43 -13.48	184.15 -4.95 -5.41	150.19 -4.33 4.27	97.95 -2.70 0.00

BIXINCNT_115KV_LOAD 355685	172.16 -1.93 0.00	141.98 -2.77 0.00	149.59 -4.20 0.00	166.44 -5.94 0.00	147.00 -7.98 0.00	153.50 -14.77 0.00	144.69 -20.32 25.84	147.17 -29.39 74.25	76.15 -19.94 69.31	123.48 -13.77 2.95	130.55 -13.93 0.00	132.78 -12.33 0.00	135.92 -12.41 0.00	148.96 -15.24 0.62	167.22 -15.79 0.53	149.79 -18.31 6.14	227.53 -27.48 20.72	136.11 -20.05 29.35	129.25 -17.41 20.77	142.49 -20.79 22.44	135.27 -19.01 21.79	133.54 -21.59 28.56	127.04 -18.90 12.85	89.43 -11.21 0.00
BLACK RIVER___HYD 24047	182.96 8.88 0.00	151.45 6.69 0.00	161.25 7.47 0.00	180.78 8.39 0.00	162.08 7.09 0.00	175.26 6.99 0.00	199.68 8.83 0.00	261.24 10.44 0.00	171.10 5.70 0.00	143.38 3.19 0.00	148.69 4.21 0.00	150.57 5.45 0.00	153.51 5.18 0.00	169.47 4.65 0.00	186.36 2.82 0.00	175.74 1.51 0.00	276.71 0.97 0.00	188.02 2.51 0.00	169.85 2.42 0.00	186.56 0.84 0.00	175.77 -0.29 0.00	182.67 -1.02 0.00	157.62 -1.17 0.00	99.71 -0.94 0.00
BLACKRVR_115KV_TB2 79977	182.95 8.87 0.00	151.44 6.68 0.00	161.25 7.47 0.00	180.78 8.40 0.00	162.09 7.10 0.00	175.26 6.99 0.00	199.66 8.81 0.00	261.24 10.44 0.00	171.10 5.71 0.00	143.39 3.20 0.00	148.69 4.21 0.00	150.57 5.45 0.00	153.51 5.18 0.00	169.46 4.64 0.00	186.35 2.81 0.00	175.74 1.51 0.00	276.72 0.98 0.00	188.01 2.49 0.00	169.84 2.41 0.00	186.55 0.84 0.00	175.78 -0.28 0.00	182.66 -1.03 0.00	157.62 -1.17 0.00	99.71 -0.95 0.00
BLDWN_LI_69_KV_BK4 356085	180.56 6.48 0.00	150.64 5.88 0.00	159.83 6.04 0.00	178.66 6.28 0.00	161.82 6.83 0.00	176.31 8.03 0.00	201.04 10.07 -0.12	263.59 12.79 0.00	175.48 10.08 0.00	149.43 9.24 0.00	153.95 8.60 -0.87	152.57 7.45 0.00	155.15 6.82 0.00	171.86 7.17 0.13	191.97 8.54 0.11	186.20 7.52 -4.45	292.43 14.68 -2.02	197.01 10.40 -1.09	177.44 10.01 0.00	203.10 11.73 -5.66	203.78 10.34 -17.38	208.23 11.78 -12.75	174.14 9.93 -5.43	107.31 6.65 0.00
BLISS_WT_PWR 323608	172.35 -1.57 0.16	138.93 -2.43 3.40	149.71 -4.07 0.00	166.50 -5.88 0.00	146.86 -8.12 0.00	153.04 -15.23 0.00	144.36 -20.64 25.84	145.70 -30.85 74.25	75.17 -20.92 69.31	122.74 -14.51 2.95	129.92 -14.56 0.00	132.38 -12.73 0.00	135.30 -13.03 0.00	148.49 -15.72 0.62	166.79 -16.22 0.53	148.96 -19.13 6.14	226.39 -28.62 20.72	134.84 -21.33 29.35	128.16 -18.49 20.77	140.93 -22.35 22.44	133.85 -20.42 21.79	131.90 -23.23 28.56	125.46 -20.48 12.85	88.44 -12.20 0.00
BLUESTONE___WT_PWR 323821	181.68 7.56 -0.04	150.89 5.37 -0.76	160.66 6.87 0.00	181.38 9.00 0.00	163.10 8.11 0.00	177.51 9.24 0.00	213.29 11.75 -10.69	303.28 16.07 -36.40	155.90 5.94 15.43	145.11 5.31 0.39	150.28 5.33 -0.46	149.83 4.71 0.00	151.45 3.12 0.00	167.01 2.66 0.46	186.77 3.63 0.39	175.98 2.85 1.10	288.50 4.42 -8.34	200.53 1.76 -13.26	173.45 -2.17 -7.46	194.58 -1.65 -11.05	191.41 -1.65 -17.00	193.71 -2.18 -12.20	159.55 -0.77 -1.53	100.21 -0.44 0.00
BLUE_CIRC_CHEM_DRP 24182	178.16 4.07 0.00	148.47 3.71 0.00	157.98 4.19 0.00	176.94 4.56 0.00	159.13 4.14 0.00	172.97 4.69 0.00	196.55 5.39 -0.31	257.42 6.61 0.00	169.47 4.07 0.00	143.50 3.31 0.00	150.56 3.88 -2.20	149.04 3.93 0.00	152.40 4.06 0.00	169.81 4.98 0.00	188.84 5.30 0.00	193.97 5.58 -14.16	289.88 8.47 -5.67	193.54 5.32 -2.70	171.92 4.50 0.00	204.99 5.21 -14.07	224.51 5.23 -43.21	223.94 5.73 -34.53	180.89 5.13 -16.97	103.88 3.23 0.00
BOC_GAS_DRP 24189	176.56 2.48 0.00	147.04 2.28 0.00	156.41 2.63 0.00	175.26 2.88 0.00	157.62 2.63 0.00	171.35 3.08 0.00	194.76 3.64 -0.27	255.56 4.76 0.00	168.57 3.18 0.00	143.07 2.88 0.00	149.80 3.38 -1.94	148.39 3.28 0.00	151.56 3.23 0.00	168.57 3.75 0.00	187.44 3.91 0.00	190.77 4.06 -12.47	286.76 6.02 -5.00	191.58 3.68 -2.38	170.49 3.06 0.00	201.64 3.53 -12.40	217.67 3.55 -38.06	218.14 4.03 -30.42	177.37 3.64 -14.95	102.91 2.26 0.00
BOONVILLE_115KV_TB1 79983	184.78 10.70 0.00	153.02 8.27 0.00	162.71 8.93 0.00	182.37 9.99 0.00	163.87 8.88 0.00	177.69 9.41 0.00	202.19 11.34 0.00	265.42 14.61 0.00	174.39 8.99 0.00	146.92 6.73 0.00	151.98 7.51 0.00	153.32 8.21 0.00	156.17 7.84 0.00	173.06 8.23 0.00	191.42 7.88 0.00	181.36 7.12 0.00	285.88 10.14 0.00	193.55 8.03 0.00	174.69 7.26 0.00	192.61 6.89 0.00	181.84 5.78 0.00	189.24 5.56 0.00	163.54 4.76 0.00	103.41 2.76 0.00
BORALEX_4TH_BRANCH 23824	182.75 8.67 0.00	152.61 7.85 0.00	162.57 8.79 0.00	181.51 9.13 0.00	163.57 8.58 0.00	178.09 9.81 0.00	202.85 11.32 -0.68	264.68 13.88 0.00	173.05 7.65 0.00	146.64 6.45 0.00	156.75 6.98 -5.29	152.00 6.89 0.00	155.06 6.73 0.00	172.81 7.99 0.00	192.21 8.67 0.00	216.37 9.17 -32.95	304.74 16.55 -12.45	201.93 10.49 -5.93	177.07 9.64 0.00	227.65 11.05 -30.89	281.78 10.88 -94.83	271.13 11.66 -75.78	206.07 10.04 -37.24	106.55 5.89 0.00
BOWLINE___1 23526	177.11 3.03 0.00	147.37 2.61 0.00	157.00 3.21 0.00	176.40 4.01 0.00	158.96 3.97 0.00	172.87 4.60 0.00	196.93 5.97 -0.12	260.51 9.70 0.00	171.76 6.36 0.00	145.49 5.29 0.00	150.31 4.99 -0.84	149.38 4.26 0.00	152.05 3.72 0.00	168.86 4.17 0.13	188.62 5.19 0.11	183.78 5.33 -4.22	287.80 10.14 -1.93	193.31 6.74 -1.05	173.25 5.82 0.00	197.15 5.98 -5.45	198.49 5.68 -16.74	202.35 6.44 -12.22	169.67 5.73 -5.16	103.92 3.27 0.00
BOWLINE___2 23595	177.33 3.25 0.00	147.57 2.81 0.00	157.14 3.36 0.00	176.33 3.95 0.00	158.93 3.94 0.00	172.85 4.58 0.00	196.91 5.94 -0.12	260.46 9.65 0.00	171.87 6.47 0.00	145.64 5.45 0.00	150.49 5.17 -0.84	149.56 4.45 0.00	152.26 3.92 0.00	169.12 4.43 0.13	188.89 5.46 0.11	184.00 5.55 -4.22	288.13 10.47 -1.93	193.54 6.98 -1.05	173.50 6.06 0.00	197.36 6.20 -5.45	198.72 5.92 -16.74	202.58 6.67 -12.22	169.89 5.95 -5.16	104.03 3.38 0.00
BRADY___115KV_TB2 356060	180.21 6.13 0.00	150.18 5.42 0.00	159.32 5.54 0.00	178.81 6.43 0.00	160.82 5.83 0.00	174.31 6.03 0.00	197.14 6.29 0.00	258.33 7.52 0.00	170.28 4.88 0.00	144.55 4.36 0.00	149.28 4.80 0.00	150.67 5.55 0.00	153.97 5.64 0.00	170.33 5.50 0.00	189.26 5.73 0.00	179.29 5.05 0.00	283.55 7.81 0.00	191.63 6.11 0.00	173.47 6.04 0.00	192.68 6.97 0.00	182.53 6.47 0.00	189.96 6.28 0.00	164.23 5.45 0.00	104.32 3.67 0.00
BRANSCOMB___SOLAR 323811	184.28 10.19 0.00	153.67 8.92 0.00	163.65 9.86 0.00	183.02 10.64 0.00	164.87 9.88 0.00	179.62 11.34 0.00	205.26 13.67 -0.74	268.54 17.74 0.00	176.67 11.27 0.00	149.14 8.94 0.00	158.92 9.10 -5.34	154.34 9.23 0.00	157.39 9.05 0.00	175.51 10.68 0.00	195.42 11.88 0.00	220.46 11.96 -34.26	309.06 19.64 -13.69	205.06 13.02 -6.52	179.28 11.85 0.00	233.16 13.48 -33.96	292.74 12.41 -104.27	279.53 12.52 -83.32	210.37 10.63 -40.95	106.75 6.10 0.00
BRDGHMPT_69_KV_BK1 55812	194.09 9.69 -10.31	154.80 8.15 -1.89	167.83 8.01 -6.03	183.70 8.52 -2.81	172.24 11.09 -6.16	190.72 13.45 -9.00	217.99 15.57 -11.58	292.98 16.55 -25.62	186.99 12.85 -8.74	157.32 14.25 -2.88	162.49 13.01 -5.00	160.63 11.12 -4.39	163.38 10.21 -4.84	183.21 10.45 -7.93	208.47 13.17 -11.76	196.45 7.51 -14.70	295.39 14.71 -4.94	202.20 9.13 -7.55	186.90 9.83 -9.63	213.88 9.98 -18.18	213.50 7.92 -29.51	223.88 12.48 -27.72	183.94 10.59 -14.56	108.00 7.35 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	191.30 8.17 -9.06	153.28 6.88 -1.64	166.16 7.13 -5.24	182.13 7.32 -2.44	168.45 8.10 -5.36	185.67 9.56 -7.83	212.30 11.37 -10.08	286.94 13.86 -22.27	184.06 11.07 -7.60	153.17 10.48 -2.50	158.69 9.75 -4.46	157.32 8.39 -3.82	160.19 7.65 -4.20	180.02 8.32 -6.88	204.58 10.84 -10.21	196.21 8.62 -13.36	295.58 15.28 -4.56	204.50 12.28 -6.70	187.55 11.74 -8.37	215.11 12.86 -16.54	215.12 11.13 -27.93	222.66 13.21 -25.76	183.25 11.09 -13.37	108.22 7.56 0.00
BRISTLHL_115KV_TB1 79998	167.94 -6.15 0.00	139.34 -5.42 0.00	147.99 -5.80 0.00	165.81 -6.57 0.00	148.97 -6.02 0.00	161.38 -6.90 0.00	183.28 -7.56 0.00	240.79 -10.01 0.00	158.76 -6.64 0.00	134.19 -6.01 0.00	138.17 -6.31 0.00	138.81 -6.31 0.00	141.99 -6.34 0.00	158.16 -6.91 -0.24	176.59 -7.16 -0.21	169.55 -6.97 -2.28	265.58 -10.67 -0.51	178.54 -6.98 0.00	161.12 -6.31 0.00	178.59 -7.13 0.00	169.14 -6.92 0.00	178.28 -7.59 -2.18	154.68 -6.78 -2.67	96.33 -4.32 0.00
BROOKHAVEN___DRP 24191	191.38 6.82 -10.47	152.63 5.96 -1.92	165.78 5.87 -6.13	181.23 6.01 -2.85	168.61 7.36 -6.26	186.12 8.70 -9.14	212.22 9.61 -11.75	285.60 8.78 -26.02	182.92 8.65 -8.88	152.74 9.62 -2.92	158.18 8.64 -5.06	156.62 7.04 -4.46	159.44 6.19 -4.91	179.55 6.67 -8.06	204.52 9.04 -11.95	193.62 4.52 -14.86	289.44 8.71 -4.99	199.79 6.63 -7.65	184.84 7.63 -9.78	212.90 8.81 -18.38	213.17 7.41 -29.71	223.25 11.61 -27.95	183.63 10.14 -14.71	107.81 7.16 0.00
BROOKLYN_NAVY_YARD 23515	179.08 5.00 0.00	149.09 4.33 0.00	158.53 4.74 0.00	177.45 5.07 0.00	160.03 5.04 0.00	174.09 5.82 0.00	198.27 7.30 -0.12	262.48 11.68 0.00	173.74 8.34 0.00	147.87 7.68 0.00	152.67 7.32 -0.87	151.48 6.36 0.00	154.09 5.76 0.00	171.06 6.36 0.13	190.96 7.54 0.11	186.13 7.45 -4.44	291.38 13.63 -2.02	195.98 9.37 -1.09	175.66 8.23 0.00	199.98 8.61 -5.66	201.58 8.14 -17.38	205.37 8.94 -12.75	172.15 7.93 -5.43	105.22 4.57 0.00
BROOKLYN___ARMY_DRP 323595	178.96 4.88 0.00	148.98 4.22 0.00	158.24 4.45 0.00	177.28 4.90 0.00	159.87 4.88 0.00	174.12 5.85 0.00	198.73 7.76 -0.12	262.80 12.00 0.00	173.96 8.56 0.00	147.81 7.62 0.00	152.72 7.37 -0.87	151.41 6.30 0.00	154.04 5.71 0.00	171.17 6.47 0.13	191.27 7.85 0.11	186.50 7.82 -4.45	292.14 14.39 -2.02	196.53 9.92 -1.09	176.04 8.61 0.00	200.33 8.96 -5.66	201.85 8.41 -17.38	205.44 9.00 -12.75	172.03 7.81 -5.43	105.13 4.48 0.00
BROOME_2_LFGE 323671	172.50 -1.62 -0.05	143.76 -1.95 -0.95	151.84 -1.94 0.00	170.17 -2.21 0.00	152.55 -2.43 0.00	164.99 -3.29 0.00	193.20 -3.90 -6.25	236.98 -3.77 10.06	143.97 -3.04 18.39	137.43 -2.69 0.07	141.62 -3.16 -0.30	141.93 -3.19 0.00	145.27 -3.06 0.00	160.15 -4.12 0.56	179.16 -3.91 0.47	166.72 -4.10 3.41	273.03 -5.49 -2.78	185.06 -4.16 -3.71	170.97 -3.69 -7.23	190.98 -4.46 -9.73	185.09 -4.46 -13.48	184.14 -4.96 -5.41	150.18 -4.34 4.27	97.96 -2.69 0.00
BROOME___LFGE 323600	172.50 -1.62 -0.05	143.76 -1.95 -0.95	151.84 -1.94 0.00	170.17 -2.21 0.00	152.55 -2.43 0.00	164.99 -3.29 0.00	193.20 -3.90 -6.25	236.98 -3.77 10.06	143.97 -3.04 18.39	137.43 -2.69 0.07	141.62 -3.16 -0.30	141.93 -3.19 0.00	145.27 -3.06 0.00	160.15 -4.12 0.56	179.16 -3.91 0.47	166.72 -4.10 3.41	273.03 -5.49 -2.78	185.06 -4.16 -3.71	170.97 -3.69 -7.23	190.98 -4.46 -9.73	185.09 -4.46 -13.48	184.14 -4.96 -5.41	150.18 -4.34 4.27	97.96 -2.69 0.00
BROWNFLS_115KV_TB_3_5 80003	180.55 6.47 0.00	150.12 5.36 0.00	159.70 5.91 0.00	179.03 6.65 0.00	160.60 5.61 0.00	173.50 5.23 0.00	196.55 5.70 0.00	256.90 6.10 0.00	168.81 3.41 0.00	142.47 2.28 0.00	147.94 3.46 0.00	149.56 4.44 0.00	152.43 4.10 0.00	168.17 3.34 0.00	185.68 2.15 0.00	175.37 1.13 0.00	275.38 -0.35 0.00	186.52 1.01 0.00	168.68 1.25 0.00	186.40 0.69 0.00	176.20 0.14 0.00	183.92 0.23 0.00	159.21 0.42 0.00	101.26 0.61 0.00
BROWNSV1_27_KV_LOAD 356125	180.93 6.85 0.00	150.56 5.80 0.00	160.03 6.24 0.00	179.16 6.78 0.00	161.56 6.57 0.00	175.87 7.59 0.00	200.71 9.74 -0.12	265.62 14.81 0.00	175.77 10.37 0.00	149.52 9.32 0.00	154.41 9.06 -0.87	153.29 8.18 0.00	155.98 7.65 0.00	173.10 8.40 0.13	193.26 9.83 0.11	188.29 9.61 -4.44	295.05 17.30 -2.02	198.42 11.82 -1.09	177.85 10.43 0.00	202.40 11.03 -5.66	203.86 10.42 -17.38	207.79 11.35 -12.75	174.04 9.83 -5.43	106.36 5.71 0.00
BURROWS___LYONSDAL 23803	184.30 10.21 0.00	152.64 7.88 0.00	162.34 8.56 0.00	182.01 9.63 0.00	163.44 8.45 0.00	177.10 8.82 0.00	201.43 10.58 0.00	264.20 13.39 0.00	173.50 8.10 0.00	145.93 5.74 0.00	151.15 6.67 0.00	152.66 7.55 0.00	155.37 7.04 0.00	172.01 7.19 0.00	189.94 6.41 0.00	179.76 5.53 0.00	282.94 7.20 0.00	191.70 6.18 0.00	173.06 5.63 0.00	190.61 4.89 0.00	179.89 3.83 0.00	187.18 3.49 0.00	161.86 3.08 0.00	102.46 1.81 0.00
CAITHNESS_CC_1 323624	190.80 6.11 -10.61	152.08 5.38 -1.94	165.33 5.33 -6.21	180.62 5.36 -2.89	168.05 6.72 -6.34	185.52 7.97 -9.27	211.57 8.81 -11.91	285.18 8.01 -26.37	182.55 8.16 -8.99	152.19 9.04 -2.96	157.71 8.12 -5.12	156.18 6.55 -4.52	159.07 5.76 -4.98	179.17 6.18 -8.17	203.95 8.30 -12.11	193.70 4.46 -15.00	289.38 8.62 -5.03	200.02 6.76 -7.74	184.89 7.54 -9.91	212.83 8.57 -18.55	213.17 7.23 -29.87	222.76 10.92 -28.16	183.19 9.57 -14.83	107.53 6.88 0.00
CALPINE BETH_PAGE_GT4 24209	179.02 4.94 0.00	149.24 4.48 0.00	158.31 4.53 0.00	177.08 4.70 0.00	160.40 5.41 0.00	174.83 6.56 0.00	199.41 8.43 -0.12	261.49 10.69 0.00	174.10 8.71 0.00	148.34 8.14 0.00	152.65 7.30 -0.87	151.13 6.01 0.00	153.63 5.30 0.00	170.47 5.77 0.13	190.82 7.39 0.11	184.94 6.25 -4.45	290.31 12.56 -2.02	195.93 9.33 -1.09	176.20 8.77 0.00	201.14 9.77 -5.66	201.92 8.47 -17.38	206.42 9.98 -12.75	172.64 8.42 -5.43	106.40 5.74 0.00
CALPINE_BETH_PAGE_GT_4 323586	179.02 4.94 0.00	149.22 4.46 0.00	158.32 4.53 0.00	177.08 4.70 0.00	160.42 5.43 0.00	174.84 6.57 0.00	199.27 8.29 -0.12	261.39 10.59 0.00	174.05 8.65 0.00	148.34 8.15 0.00	152.63 7.28 -0.87	151.13 6.01 0.00	153.64 5.31 0.00	170.45 5.75 0.13	190.80 7.37 0.11	184.86 6.18 -4.45	290.17 12.42 -2.02	195.87 9.27 -1.09	176.16 8.73 0.00	201.05 9.68 -5.66	201.86 8.42 -17.38	206.38 9.94 -12.75	172.62 8.40 -5.43	106.40 5.75 0.00
CALPINE_BP_GT1 23823	179.02 4.94 0.00	149.22 4.46 0.00	158.32 4.53 0.00	177.08 4.70 0.00	160.42 5.43 0.00	174.84 6.57 0.00	199.27 8.29 -0.12	261.39 10.59 0.00	174.05 8.65 0.00	148.34 8.15 0.00	152.63 7.28 -0.87	151.13 6.01 0.00	153.64 5.31 0.00	170.45 5.75 0.13	190.80 7.37 0.11	184.86 6.18 -4.45	290.17 12.42 -2.02	195.87 9.27 -1.09	176.16 8.73 0.00	201.05 9.68 -5.66	201.86 8.42 -17.38	206.38 9.94 -12.75	172.62 8.40 -5.43	106.40 5.75 0.00
CALSPAN___DRP 24200	167.64 -6.44 0.00	138.38 -6.38 0.00	146.01 -7.78 0.00	162.52 -9.85 0.00	144.15 -10.84 0.00	151.13 -17.15 0.00	128.39 -22.39 40.08	139.86 -31.02 79.92	75.70 -20.53 69.17	121.06 -15.34 3.80	128.45 -16.03 0.00	129.82 -15.29 0.00	134.06 -14.27 0.00	146.28 -17.92 0.63	163.93 -19.07 0.53	148.53 -19.57 6.14	214.92 -30.27 30.55	124.01 -18.81 42.70	115.97 -16.26 35.20	129.41 -18.29 38.02	122.32 -16.82 36.92	122.55 -18.97 42.17	128.29 -16.07 14.44	91.28 -9.37 0.00

CALVERTON___SOLAR 323806	192.00 7.50 -10.42	153.15 6.49 -1.91	166.31 6.44 -6.09	181.85 6.64 -2.83	169.27 8.06 -6.22	186.87 9.50 -9.09	212.93 10.39 -11.69	286.13 9.45 -25.88	183.41 9.18 -8.83	153.38 10.28 -2.91	158.75 9.23 -5.04	157.07 7.52 -4.44	159.94 6.72 -4.89	180.06 7.22 -8.01	205.08 9.66 -11.88	193.67 4.63 -14.80	289.50 8.79 -4.97	199.72 6.59 -7.61	184.89 7.72 -9.73	212.96 8.94 -18.31	213.30 7.60 -29.63	223.69 12.13 -27.87	184.03 10.58 -14.65	108.05 7.40 0.00
CANDIGU_WT_PWR 323617	170.27 -3.86 -0.05	141.16 -4.70 -1.09	148.41 -5.38 0.00	165.31 -7.07 0.00	146.96 -8.03 0.00	155.81 -12.46 0.01	-47.04 -16.64 221.24	-61.01 -23.58 288.24	-64.57 -15.39 214.57	111.26 -11.34 17.59	132.78 -11.90 -0.20	132.99 -12.12 0.00	136.04 -12.29 0.00	147.63 -16.60 0.60	165.69 -17.33 0.51	151.62 -17.63 4.98	91.68 -26.49 157.57	-55.00 -18.42 222.10	-55.60 -16.46 206.57	-55.00 -18.88 221.84	-55.00 -18.30 212.76	-43.59 -19.94 207.33	102.69 -17.22 38.87	90.12 -10.52 0.01
CARR STREET_E_SYR 24060	169.61 -4.48 0.00	140.65 -4.11 0.00	149.42 -4.37 0.00	167.40 -4.98 0.00	150.39 -4.60 0.00	162.89 -5.39 0.00	184.99 -5.86 0.00	244.78 -7.68 -1.66	172.65 -5.17 -12.42	135.85 -4.65 -0.31	139.56 -4.92 0.00	140.21 -4.91 0.00	143.48 -4.86 0.00	158.72 -5.42 0.68	177.52 -5.44 0.58	162.58 -5.29 6.36	266.45 -7.87 1.42	180.21 -5.31 0.00	162.60 -4.83 0.00	180.20 -5.52 0.00	170.65 -5.41 0.00	171.73 -5.87 6.09	146.05 -5.28 7.47	97.34 -3.31 0.00
CARTHAGE___PAPER 23857	184.43 10.35 0.00	152.81 8.05 0.00	162.68 8.90 0.00	182.37 9.99 0.00	163.56 8.57 0.00	176.95 8.67 0.00	201.36 10.51 0.00	263.32 12.52 0.00	172.53 7.13 0.00	144.73 4.54 0.00	150.18 5.70 0.00	152.24 7.12 0.00	155.07 6.73 0.00	171.15 6.33 0.00	188.30 4.77 0.00	177.61 3.38 0.00	279.08 3.34 0.00	189.52 4.00 0.00	171.18 3.75 0.00	188.15 2.44 0.00	177.36 1.30 0.00	184.46 0.77 0.00	159.44 0.65 0.00	101.05 0.40 0.00
CASSADAGA_WT_PWR 323784	170.71 -3.21 0.16	135.91 -5.53 3.31	147.43 -6.36 0.00	162.47 -9.91 0.00	140.72 -14.27 0.00	147.49 -20.78 0.00	135.59 -27.20 28.05	138.11 -36.43 76.26	70.87 -24.04 70.48	119.08 -18.01 3.10	125.63 -18.85 0.00	126.69 -18.43 0.00	130.54 -17.79 0.00	142.72 -21.49 0.62	158.47 -24.54 0.53	145.60 -22.49 6.15	217.21 -36.26 22.26	129.02 -25.01 31.49	122.67 -21.85 22.91	135.57 -25.40 24.74	127.70 -24.33 24.03	126.36 -26.70 30.63	124.82 -20.83 13.15	88.47 -12.17 0.00
CE_DUNWOOD___DRP 24194	178.68 4.60 0.00	148.73 3.97 0.00	158.22 4.43 0.00	177.26 4.88 0.00	159.81 4.82 0.00	173.95 5.68 0.00	198.37 7.39 -0.12	262.30 11.50 0.00	173.29 7.89 0.00	147.07 6.87 0.00	151.98 6.64 -0.87	150.95 5.83 0.00	153.62 5.29 0.00	170.61 5.91 0.13	190.52 7.10 0.11	185.72 7.06 -4.43	290.72 12.97 -2.01	195.40 8.80 -1.09	175.18 7.74 0.00	199.47 8.11 -5.65	201.04 7.63 -17.34	204.91 8.51 -12.72	171.62 7.42 -5.41	104.97 4.31 0.00
CE_MILLWOOD___DRP 24193	178.39 4.31 0.00	148.46 3.70 0.00	157.97 4.18 0.00	177.05 4.67 0.00	159.59 4.60 0.00	173.68 5.41 0.00	198.04 7.07 -0.12	261.82 11.02 0.00	172.95 7.56 0.00	146.75 6.56 0.00	151.63 6.28 -0.87	150.62 5.51 0.00	153.32 4.99 0.00	170.28 5.59 0.13	190.16 6.73 0.11	185.35 6.71 -4.41	290.14 12.40 -2.00	194.95 8.35 -1.08	174.80 7.37 0.00	199.02 7.68 -5.62	200.57 7.24 -17.27	204.39 8.05 -12.65	171.24 7.08 -5.38	104.76 4.10 0.00
CE_NYC2_DRP 24202	178.79 4.71 0.00	148.95 4.19 0.00	158.22 4.43 0.00	177.20 4.82 0.00	159.83 4.84 0.00	173.97 5.69 0.00	198.51 7.54 -0.12	262.61 11.80 0.00	173.90 8.50 0.00	147.88 7.69 0.00	152.75 7.40 -0.87	151.45 6.34 0.00	154.06 5.73 0.00	171.12 6.43 0.13	191.06 7.63 0.11	186.33 7.65 -4.45	291.89 14.14 -2.02	196.49 9.89 -1.09	176.09 8.66 0.00	200.39 9.01 -5.66	201.94 8.50 -17.38	205.57 9.13 -12.75	172.23 8.01 -5.43	105.29 4.63 0.00
CE_NYC_DRP 24195	179.20 5.12 0.00	149.17 4.41 0.00	158.58 4.80 0.00	177.60 5.22 0.00	160.18 5.19 0.00	174.35 6.07 0.00	198.88 7.90 -0.12	263.11 12.31 0.00	174.13 8.73 0.00	148.12 7.93 0.00	153.01 7.66 -0.87	151.84 6.73 0.00	154.54 6.20 0.00	171.60 6.90 0.13	191.56 8.14 0.11	186.68 8.00 -4.44	292.33 14.57 -2.02	196.57 9.96 -1.09	176.16 8.73 0.00	200.48 9.10 -5.66	202.03 8.59 -17.38	205.88 9.44 -12.75	172.46 8.25 -5.43	105.41 4.76 0.00
CHAFFEE___LFGE 323603	168.89 -5.05 0.14	136.47 -5.22 3.07	147.20 -6.58 0.00	163.90 -8.48 0.00	145.54 -9.44 0.00	152.85 -15.42 0.00	138.27 -19.74 32.84	146.39 -27.56 76.86	77.83 -18.43 69.13	123.18 -13.64 3.36	130.14 -14.34 0.00	131.42 -13.69 0.00	135.70 -12.64 0.00	148.12 -16.09 0.62	166.03 -16.97 0.53	150.55 -17.55 6.14	223.41 -26.74 25.59	133.20 -16.36 35.96	125.45 -14.07 27.91	139.54 -16.03 30.15	132.05 -14.74 29.27	131.60 -16.80 35.29	130.62 -14.53 13.63	92.07 -8.57 0.00
CHATEAUG_35_KV_LOAD 355732	178.96 4.88 0.00	149.23 4.48 0.00	158.36 4.58 0.00	177.60 5.22 0.00	159.99 5.00 0.00	174.23 5.95 0.00	196.82 5.97 0.00	258.95 8.14 0.00	170.84 5.44 0.00	145.20 5.01 0.00	149.78 5.30 0.00	150.45 5.34 0.00	153.87 5.54 0.00	170.76 5.93 0.00	189.76 6.23 0.00	179.43 5.20 0.00	283.59 7.86 0.00	190.47 4.95 0.00	172.15 4.72 0.00	191.83 6.12 0.00	182.07 6.02 0.00	189.07 5.38 0.00	162.39 3.60 0.00	102.51 1.85 0.00
CHATEAUG_WT_PWR 323614	177.80 3.72 0.00	148.23 3.48 0.00	157.37 3.59 0.00	176.47 4.09 0.00	158.98 3.99 0.00	172.99 4.72 0.00	195.44 4.59 0.00	256.96 6.15 0.00	169.59 4.19 0.00	144.15 3.95 0.00	148.76 4.28 0.00	149.51 4.39 0.00	152.90 4.56 0.00	169.76 4.93 0.00	188.66 5.13 0.00	178.40 4.16 0.00	281.67 5.94 0.00	189.08 3.56 0.00	170.84 3.41 0.00	190.36 4.65 0.00	180.65 4.59 0.00	187.66 3.98 0.00	161.32 2.54 0.00	101.90 1.25 0.00
CHAT_HIGH_FALL_HYD 323578	178.96 4.88 0.00	149.23 4.48 0.00	158.36 4.58 0.00	177.60 5.22 0.00	159.99 5.00 0.00	174.23 5.95 0.00	196.82 5.97 0.00	258.95 8.14 0.00	170.84 5.44 0.00	145.20 5.01 0.00	149.78 5.30 0.00	150.45 5.34 0.00	153.87 5.54 0.00	170.76 5.93 0.00	189.76 6.23 0.00	179.43 5.20 0.00	283.59 7.86 0.00	190.47 4.95 0.00	172.15 4.72 0.00	191.83 6.12 0.00	182.07 6.02 0.00	189.07 5.38 0.00	162.39 3.60 0.00	102.51 1.85 0.00
CHAUTAUQUA___LFGE 323629	169.42 -4.52 0.15	135.59 -5.97 3.20	147.04 -6.75 0.00	163.06 -9.32 0.00	142.62 -12.37 0.00	150.20 -18.07 0.00	132.94 -23.61 34.30	139.61 -32.11 79.09	73.10 -21.61 70.69	120.87 -15.84 3.48	127.64 -16.84 0.00	128.71 -16.40 0.00	132.89 -15.44 0.00	145.13 -19.07 0.62	162.11 -20.89 0.53	147.61 -20.49 6.14	217.73 -31.47 26.53	126.87 -21.34 37.30	119.70 -18.55 29.18	132.80 -21.40 31.52	125.03 -20.43 30.60	124.32 -22.83 36.54	126.43 -18.53 13.83	89.77 -10.87 0.00
CHERRYST_13_KV_LD 356241	179.72 5.64 0.00	149.58 4.82 0.00	159.01 5.23 0.00	178.10 5.72 0.00	160.61 5.62 0.00	174.82 6.35 0.00	199.49 8.52 -0.12	263.94 13.14 0.00	174.66 9.26 0.00	148.61 8.42 0.00	153.54 8.19 -0.87	152.39 7.27 0.00	155.09 6.76 0.00	172.17 7.48 0.13	192.25 8.83 0.11	187.32 8.64 -4.44	293.22 15.47 -2.02	197.22 10.61 -1.09	176.72 9.29 0.00	201.09 9.72 -5.66	202.57 9.13 -17.38	206.44 10.01 -12.75	172.93 8.71 -5.43	105.70 5.05 0.00

CHESTROR_138KV_BK263 355645	177.36 3.28 0.00	147.56 2.80 0.00	157.04 3.25 0.00	176.07 3.69 0.00	158.61 3.62 0.00	172.47 4.19 0.00	196.52 5.56 -0.11	259.78 8.98 0.00	171.40 6.00 0.00	145.14 4.95 0.00	149.90 4.63 -0.80	149.09 3.97 0.00	151.87 3.53 0.00	168.81 4.12 0.13	188.56 5.14 0.11	183.42 5.26 -3.92	287.49 9.94 -1.81	192.88 6.37 -0.99	172.94 5.51 0.00	196.53 5.64 -5.18	197.39 5.44 -15.90	201.56 6.35 -11.52	169.21 5.63 -4.80	103.85 3.20 0.00
CH_MIDHUDSON___DRP 24192	179.57 5.49 0.00	149.45 4.69 0.00	159.03 5.25 0.00	178.18 5.80 0.00	160.58 5.60 0.00	174.74 6.46 0.00	199.29 8.31 -0.13	263.37 12.56 0.00	173.87 8.48 0.00	147.34 7.14 0.00	152.26 6.89 -0.89	151.34 6.22 0.00	154.10 5.77 0.00	171.33 6.63 0.13	191.16 7.73 0.11	186.63 7.81 -4.58	291.87 14.07 -2.07	196.03 9.40 -1.11	175.77 8.34 0.00	200.31 8.82 -5.78	202.04 8.22 -17.76	205.87 9.12 -13.06	172.39 8.02 -5.59	105.25 4.60 0.00
CH_MISC_IPPS 23765	180.61 6.53 0.00	150.13 5.38 0.00	159.72 5.94 0.00	179.04 6.66 0.00	161.31 6.32 0.00	175.53 7.26 0.00	200.16 9.19 -0.12	264.77 13.97 0.00	174.77 9.37 0.00	147.97 7.78 0.00	152.86 7.51 -0.87	151.93 6.81 0.00	154.78 6.44 0.00	172.15 7.45 0.13	192.16 8.73 0.11	187.45 8.75 -4.46	293.36 15.60 -2.02	197.00 10.40 -1.09	176.69 9.26 0.00	201.14 9.75 -5.67	202.59 9.11 -17.42	206.41 9.94 -12.78	173.03 8.79 -5.44	105.75 5.10 0.00
CH_RES_BVR_FALLS 23983	174.21 0.13 0.00	144.91 0.14 0.00	153.94 0.15 0.00	172.49 0.11 0.00	155.13 0.14 0.00	168.42 0.14 0.00	190.86 0.01 0.00	250.80 0.00 0.00	165.40 0.00 0.00	140.23 0.04 0.00	144.62 0.15 0.00	145.26 0.14 0.00	148.48 0.15 0.00	164.98 0.15 0.00	183.64 0.10 0.00	174.24 0.00 0.00	275.70 -0.03 0.00	185.52 0.00 0.00	167.43 0.00 0.00	185.71 0.00 0.00	176.06 0.00 0.00	183.69 0.00 0.00	158.79 0.00 0.00	100.65 0.00 0.00
CH_RES_NIAGARA 23895	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	115.93 -21.14 3.13	122.69 -21.79 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.29 -24.34 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
CH_RES_SYRACUSE 23985	171.10 -2.98 0.00	141.80 -2.96 0.00	150.66 -3.12 0.00	168.87 -3.51 0.00	151.80 -3.19 0.00	164.52 -3.75 0.00	187.95 -3.87 -0.97	258.34 -5.12 -12.67	177.76 -3.50 -15.86	137.11 -3.47 -0.40	140.84 -3.64 0.00	141.44 -3.67 0.00	144.80 -3.53 0.00	160.41 -4.06 0.35	179.34 -3.89 0.30	167.28 -3.75 3.20	270.96 -5.22 -0.44	184.32 -3.45 -2.25	164.33 -3.10 0.00	182.07 -3.64 0.00	172.29 -3.78 0.00	177.15 -4.15 2.39	151.93 -3.85 3.02	98.25 -2.40 0.00
CLINTON_WT_PWR 323605	177.80 3.72 0.00	148.23 3.48 0.00	157.37 3.59 0.00	176.47 4.09 0.00	158.98 3.99 0.00	172.99 4.72 0.00	195.44 4.59 0.00	256.96 6.15 0.00	169.59 4.19 0.00	144.15 3.95 0.00	148.76 4.28 0.00	149.51 4.39 0.00	152.90 4.56 0.00	169.76 4.93 0.00	188.66 5.13 0.00	178.40 4.16 0.00	281.67 5.94 0.00	189.08 3.56 0.00	170.84 3.41 0.00	190.36 4.65 0.00	180.65 4.59 0.00	187.66 3.98 0.00	161.32 2.54 0.00	101.90 1.25 0.00
CLINTON___LFGE 323618	185.63 11.55 0.00	154.90 10.15 0.00	164.38 10.60 0.00	184.34 11.96 0.00	166.06 11.08 0.00	181.08 12.80 0.00	205.09 14.24 0.00	270.28 19.48 0.00	178.20 12.80 0.00	151.26 11.06 0.00	155.50 11.02 0.00	156.53 11.42 0.00	159.89 11.56 0.00	177.29 12.46 0.00	197.29 13.75 0.00	186.52 12.28 0.00	295.44 19.70 0.00	198.96 13.44 0.00	180.02 12.58 0.00	200.51 14.79 0.00	190.03 13.97 0.00	196.90 13.21 0.00	168.72 9.93 0.00	106.04 5.39 0.00
COBBLENY_34_KV_TB1 80064	169.03 -5.05 0.00	139.49 -5.27 0.00	147.22 -6.56 0.00	163.90 -8.48 0.00	145.56 -9.43 0.00	152.86 -15.41 0.00	137.76 -20.24 32.84	146.08 -27.86 76.86	77.67 -18.59 69.13	123.21 -13.62 3.36	130.16 -14.32 0.00	131.46 -13.66 0.00	135.73 -12.60 0.00	148.08 -16.12 0.62	165.96 -17.05 0.53	150.40 -17.70 6.14	222.97 -27.17 25.59	132.89 -16.67 35.96	125.18 -14.33 27.91	139.35 -16.21 30.15	131.89 -14.90 29.27	131.39 -17.01 35.29	130.54 -14.61 13.63	92.07 -8.58 0.00
COFFEEN___115KV_TB3 355620	183.33 9.25 0.00	151.72 6.96 0.00	161.51 7.73 0.00	181.11 8.73 0.00	162.40 7.41 0.00	175.65 7.38 0.00	200.22 9.37 0.00	262.17 11.37 0.00	171.67 6.28 0.00	143.85 3.66 0.00	149.14 4.66 0.00	151.00 5.89 0.00	153.94 5.61 0.00	169.96 5.13 0.00	187.11 3.58 0.00	176.53 2.29 0.00	278.13 2.40 0.00	188.98 3.46 0.00	170.73 3.30 0.00	187.58 1.87 0.00	176.71 0.64 0.00	183.58 -0.11 0.00	158.33 -0.46 0.00	100.09 -0.56 0.00
COLDSPRG_115KV_BK1 355956	172.48 -1.60 0.00	141.27 -3.49 0.00	149.71 -4.08 0.00	166.13 -6.25 0.00	145.69 -9.30 0.00	153.56 -14.71 0.00	153.15 -19.52 18.18	153.89 -25.12 71.79	78.14 -17.11 70.15	125.71 -11.97 2.51	131.83 -12.65 0.00	132.88 -12.23 0.00	136.76 -11.57 0.00	149.56 -14.65 0.62	166.85 -16.16 0.52	152.22 -15.86 6.15	235.71 -24.50 15.52	146.01 -17.18 22.32	139.46 -14.96 13.01	154.05 -17.61 14.05	145.71 -16.70 13.64	143.92 -18.47 21.29	132.49 -14.23 12.07	92.19 -8.45 0.00
COLONIE_LFGE___ 323577	180.55 6.47 0.00	150.62 5.86 0.00	160.21 6.43 0.00	179.16 6.78 0.00	161.35 6.36 0.00	175.61 7.33 0.00	200.30 8.72 -0.73	262.01 11.20 0.00	172.56 7.16 0.00	146.22 6.03 0.00	156.37 6.60 -5.29	151.69 6.57 0.00	154.67 6.34 0.00	172.33 7.51 0.00	191.59 8.05 0.00	216.42 8.29 -33.89	302.42 13.18 -13.50	200.51 8.56 -6.43	175.08 7.65 0.00	228.04 8.83 -33.49	287.35 8.46 -102.83	274.74 8.89 -82.16	206.84 7.67 -40.38	105.10 4.45 0.00
COOPERNY_115KV_TB1 80082	176.23 2.15 0.00	146.53 1.77 0.00	155.89 2.11 0.00	174.86 2.48 0.00	157.34 2.35 0.00	171.03 2.75 0.00	194.62 3.68 -0.09	256.92 6.12 0.00	169.46 4.07 0.00	143.58 3.39 0.00	148.25 3.14 -0.64	147.78 2.67 0.00	150.78 2.45 0.00	167.47 2.79 0.14	186.80 3.39 0.12	180.52 3.51 -2.77	283.76 6.67 -1.36	190.52 4.21 -0.79	171.07 3.64 0.00	193.50 3.66 -4.12	192.22 3.50 -12.67	196.60 4.06 -8.84	165.84 3.65 -3.41	102.70 2.05 0.00
COPENHAGEN_WT_PWR 323753	181.45 7.37 0.00	150.22 5.46 0.00	160.03 6.24 0.00	179.37 6.99 0.00	160.74 5.74 0.00	173.62 5.34 0.00	197.59 6.74 0.00	258.24 7.43 0.00	169.04 3.64 0.00	141.61 1.42 0.00	146.93 2.46 0.00	148.89 3.77 0.00	151.80 3.47 0.00	167.52 2.70 0.00	183.84 0.30 0.00	173.05 -1.18 0.00	272.25 -3.48 0.00	185.13 -0.39 0.00	167.22 -0.21 0.00	183.55 -2.16 0.00	172.94 -3.12 0.00	179.69 -4.00 0.00	155.14 -3.64 0.00	98.19 -2.46 0.00
CORNELL_____ 23752	176.69 2.61 0.00	146.16 1.40 0.00	155.35 1.56 0.00	174.11 1.73 0.00	156.47 1.48 0.00	169.52 1.24 0.00	234.39 1.79 -41.75	557.51 2.71 -304.00	508.52 2.40 -340.72	150.34 0.41 -9.73	144.51 -0.18 -0.21	144.88 -0.24 0.00	148.27 -0.06 0.00	163.56 -0.68 0.59	183.38 0.34 0.50	172.37 0.21 2.08	314.30 1.71 -36.85	251.30 0.90 -64.87	187.05 0.74 -18.88	207.97 0.48 -21.78	200.02 -0.06 -24.02	215.17 -0.69 -32.18	173.26 -0.85 -15.32	100.03 -0.65 -0.03

CORONA__69_KV_TB1 355595	180.53 6.45 0.00	150.47 5.72 0.00	159.69 5.90 0.00	178.65 6.27 0.00	161.62 6.63 0.00	175.99 7.71 0.00	200.68 9.71 -0.12	263.36 12.56 0.00	175.19 9.79 0.00	149.17 8.98 0.00	153.89 8.54 -0.87	152.64 7.52 0.00	155.26 6.93 0.00	172.29 7.60 0.13	192.65 9.23 0.11	187.02 8.34 -4.45	293.16 15.41 -2.02	197.83 11.22 -1.09	177.82 10.39 0.00	202.52 11.14 -5.66	203.42 9.97 -17.38	207.86 11.42 -12.75	173.83 9.61 -5.43	107.02 6.37 0.00
CORTLAND__115KV_TB3 80093	174.02 -0.06 0.00	144.22 -0.54 0.00	153.24 -0.54 0.00	171.77 -0.61 0.00	154.36 -0.63 0.00	167.30 -0.97 0.00	202.74 -0.75 -12.65	333.41 -0.41 -83.02	259.64 -0.34 -94.58	141.94 -1.03 -2.78	143.00 -1.48 0.00	143.57 -1.54 0.00	146.91 -1.42 0.00	162.26 -1.96 0.61	181.63 -1.39 0.52	168.09 -1.41 4.74	284.65 -1.23 -10.14	203.15 -1.13 -18.77	172.79 -1.10 -6.46	192.19 -1.54 -8.02	184.29 -1.74 -9.97	189.38 -1.88 -7.57	157.09 -1.84 -0.14	99.46 -1.20 -0.01
COXSACKIE__GT 23611	187.75 13.67 0.00	156.28 11.52 0.00	166.14 12.36 0.00	186.12 13.74 0.00	167.63 12.64 0.00	182.65 14.37 0.00	208.42 17.27 -0.31	274.21 23.41 0.00	179.58 14.18 0.00	150.04 9.84 0.00	156.16 9.50 -2.19	153.78 8.67 0.00	157.62 9.28 0.00	177.57 12.85 0.10	198.55 15.10 0.09	203.24 15.91 -13.10	306.02 24.86 -5.42	206.38 18.18 -2.68	183.43 16.00 0.00	217.15 17.47 -13.98	235.56 16.59 -42.91	233.86 16.80 -33.37	188.56 14.04 -15.73	109.36 8.70 0.00
CPV_VALLEY__CC1 323721	176.00 1.92 0.00	146.40 1.64 0.00	155.81 2.03 0.00	174.76 2.38 0.00	157.37 2.38 0.00	171.12 2.84 0.00	194.82 3.86 -0.10	257.50 6.70 0.00	169.93 4.53 0.00	144.01 3.82 0.00	148.73 3.52 -0.73	148.05 2.93 0.00	150.85 2.52 0.00	167.58 2.89 0.14	187.07 3.65 0.11	181.51 3.79 -3.48	284.77 7.40 -1.64	191.19 4.76 -0.92	171.49 4.06 0.00	194.60 4.11 -4.77	194.60 3.90 -14.65	198.74 4.57 -10.49	167.25 4.20 -4.26	102.99 2.34 0.00
CPV_VALLEY__CC2 323722	176.00 1.92 0.00	146.40 1.64 0.00	155.81 2.03 0.00	174.76 2.38 0.00	157.37 2.38 0.00	171.12 2.84 0.00	194.82 3.86 -0.10	257.50 6.70 0.00	169.93 4.53 0.00	144.01 3.82 0.00	148.73 3.52 -0.73	148.05 2.93 0.00	150.85 2.52 0.00	167.58 2.89 0.14	187.07 3.65 0.11	181.51 3.79 -3.48	284.77 7.40 -1.64	191.19 4.76 -0.92	171.49 4.06 0.00	194.60 4.11 -4.77	194.60 3.90 -14.65	198.74 4.57 -10.49	167.25 4.20 -4.26	102.99 2.34 0.00
CRESCENT__HYD 24018	180.55 6.47 0.00	150.62 5.86 0.00	160.21 6.43 0.00	179.16 6.78 0.00	161.35 6.36 0.00	175.61 7.33 0.00	200.30 8.72 -0.73	262.01 11.20 0.00	172.56 7.16 0.00	146.22 6.03 0.00	156.37 6.60 -5.29	151.69 6.57 0.00	154.67 6.34 0.00	172.33 7.51 0.00	191.59 8.05 0.00	216.42 8.29 -33.89	302.42 13.18 -13.50	200.51 8.56 -6.43	175.08 7.65 0.00	228.04 8.83 -33.49	287.35 8.46 -102.83	274.74 8.89 -82.16	206.84 7.67 -40.38	105.10 4.45 0.00
CRICKET__VALLEY_CC1 323756	177.53 3.45 0.00	147.96 3.21 0.00	157.55 3.77 0.00	176.39 4.02 0.00	158.97 3.98 0.00	172.87 4.59 0.00	197.01 6.00 -0.15	260.07 9.27 0.00	171.69 6.29 0.00	145.44 5.24 0.00	150.81 5.24 -1.09	149.76 4.65 0.00	152.40 4.06 0.00	169.40 4.70 0.12	188.82 5.39 0.10	185.87 5.75 -5.89	288.92 10.59 -2.60	193.83 6.95 -1.36	173.73 6.30 0.00	199.56 6.77 -7.08	204.11 6.31 -21.74	207.12 7.16 -16.27	172.33 6.35 -7.19	104.16 3.50 0.00
CRICKET__VALLEY_CC2 323757	177.53 3.45 0.00	147.96 3.21 0.00	157.55 3.77 0.00	176.39 4.02 0.00	158.97 3.98 0.00	172.87 4.59 0.00	197.01 6.00 -0.15	260.07 9.27 0.00	171.69 6.29 0.00	145.44 5.24 0.00	150.81 5.24 -1.09	149.76 4.65 0.00	152.40 4.06 0.00	169.40 4.70 0.12	188.82 5.39 0.10	185.87 5.75 -5.89	288.92 10.59 -2.60	193.83 6.95 -1.36	173.73 6.30 0.00	199.56 6.77 -7.08	204.11 6.31 -21.74	207.12 7.16 -16.27	172.33 6.35 -7.19	104.16 3.50 0.00
CRICKET__VALLEY_CC3 323758	177.53 3.45 0.00	147.96 3.21 0.00	157.55 3.77 0.00	176.39 4.02 0.00	158.97 3.98 0.00	172.87 4.59 0.00	197.01 6.00 -0.15	260.07 9.27 0.00	171.69 6.29 0.00	145.44 5.24 0.00	150.81 5.24 -1.09	149.76 4.65 0.00	152.40 4.06 0.00	169.40 4.70 0.12	188.82 5.39 0.10	185.87 5.75 -5.89	288.92 10.59 -2.60	193.83 6.95 -1.36	173.73 6.30 0.00	199.56 6.77 -7.08	204.11 6.31 -21.74	207.12 7.16 -16.27	172.33 6.35 -7.19	104.16 3.50 0.00
CRUCIBLE__METL_DRP 24180	171.10 -2.98 0.00	141.79 -2.97 0.00	150.67 -3.12 0.00	168.88 -3.50 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	187.91 -3.91 -0.97	258.36 -5.11 -12.67	177.78 -3.48 -15.86	137.11 -3.48 -0.40	140.84 -3.64 0.00	141.44 -3.67 0.00	144.80 -3.53 0.00	160.40 -4.06 0.35	179.35 -3.89 0.30	167.29 -3.74 3.20	270.92 -5.25 -0.44	184.28 -3.48 -2.25	164.29 -3.14 0.00	182.07 -3.64 0.00	172.28 -3.79 0.00	177.14 -4.16 2.39	151.93 -3.85 3.02	98.25 -2.40 0.00
DAHOWA__HYDRO 323763	185.68 11.60 0.00	154.89 10.13 0.00	165.00 11.21 0.00	184.48 12.10 0.00	166.27 11.28 0.00	181.26 12.99 0.00	207.25 15.66 -0.74	271.16 20.36 0.00	178.36 12.96 0.00	150.47 10.28 0.00	160.19 10.43 -5.29	155.67 10.56 0.00	158.63 10.30 0.00	176.92 12.10 0.00	197.04 13.50 0.00	221.70 13.52 -33.94	311.61 22.31 -13.57	206.86 14.88 -6.46	180.98 13.55 0.00	234.74 15.37 -33.65	293.49 14.10 -103.33	280.32 14.06 -82.57	211.27 11.90 -40.58	107.48 6.82 0.00
DANC__LFGE 323619	176.59 2.50 0.00	146.28 1.52 0.00	155.69 1.90 0.00	174.47 2.09 0.00	156.45 1.46 0.00	169.18 0.90 0.00	192.28 1.43 0.00	251.78 0.97 0.00	165.25 -0.15 0.00	138.94 -1.25 0.00	143.84 -0.64 0.00	145.30 0.18 0.00	148.33 0.00 0.00	164.12 -0.71 0.00	181.30 -2.23 0.00	171.11 -3.13 0.00	269.82 -5.92 0.00	182.77 -2.75 0.00	165.07 -2.36 0.00	181.87 -3.85 0.00	171.68 -4.38 0.00	178.67 -5.02 0.00	154.30 -4.49 0.00	97.68 -2.97 0.00
DANSKAMMER__1 23586	180.61 6.53 0.00	150.13 5.38 0.00	159.72 5.94 0.00	179.04 6.66 0.00	161.31 6.32 0.00	175.53 7.26 0.00	200.16 9.19 -0.12	264.77 13.97 0.00	174.77 9.37 0.00	147.97 7.78 0.00	152.86 7.51 -0.87	151.93 6.81 0.00	154.78 6.44 0.00	172.15 7.45 0.13	192.16 8.73 0.11	187.45 8.75 -4.46	293.36 15.60 -2.02	197.00 10.40 -1.09	176.69 9.26 0.00	201.14 9.75 -5.67	202.59 9.11 -17.42	206.41 9.94 -12.78	173.03 8.79 -5.44	105.75 5.10 0.00
DANSKAMMER__2 23589	180.61 6.53 0.00	150.13 5.38 0.00	159.72 5.94 0.00	179.04 6.66 0.00	161.31 6.32 0.00	175.53 7.26 0.00	200.16 9.19 -0.12	264.77 13.97 0.00	174.77 9.37 0.00	147.97 7.78 0.00	152.86 7.51 -0.87	151.93 6.81 0.00	154.78 6.44 0.00	172.15 7.45 0.13	192.16 8.73 0.11	187.45 8.75 -4.46	293.36 15.60 -2.02	197.00 10.40 -1.09	176.69 9.26 0.00	201.14 9.75 -5.67	202.59 9.11 -17.42	206.41 9.94 -12.78	173.03 8.79 -5.44	105.75 5.10 0.00
DANSKAMMER__3 23590	180.61 6.53 0.00	150.13 5.38 0.00	159.72 5.94 0.00	179.04 6.66 0.00	161.31 6.32 0.00	175.53 7.26 0.00	200.16 9.19 -0.12	264.77 13.97 0.00	174.77 9.37 0.00	147.97 7.78 0.00	152.86 7.51 -0.87	151.93 6.81 0.00	154.78 6.44 0.00	172.15 7.45 0.13	192.16 8.73 0.11	187.45 8.75 -4.46	293.36 15.60 -2.02	197.00 10.40 -1.09	176.69 9.26 0.00	201.14 9.75 -5.67	202.59 9.11 -17.42	206.41 9.94 -12.78	173.03 8.79 -5.44	105.75 5.10 0.00

DANSKAMMER___4 23591	180.61 6.53 0.00	150.13 5.38 0.00	159.72 5.94 0.00	179.04 6.66 0.00	161.31 6.32 0.00	175.53 7.26 0.00	200.16 9.19 -0.12	264.77 13.97 0.00	174.77 9.37 0.00	147.97 7.78 0.00	152.86 7.51 -0.87	151.93 6.81 0.00	154.78 6.44 0.00	172.15 7.45 0.13	192.16 8.73 0.11	187.45 8.75 -4.46	293.36 15.60 -2.02	197.00 10.40 -1.09	176.69 9.26 0.00	201.14 9.75 -5.67	202.59 9.11 -17.42	206.41 9.94 -12.78	173.03 8.79 -5.44	105.75 5.10 0.00
DANSKAMMER___DIESEL 23592	180.63 6.55 0.00	150.14 5.38 0.00	159.72 5.94 0.00	179.04 6.66 0.00	161.31 6.32 0.00	175.54 7.26 0.00	200.24 9.27 -0.12	264.80 14.00 0.00	174.77 9.37 0.00	147.98 7.79 0.00	152.86 7.50 -0.87	151.93 6.81 0.00	154.77 6.44 0.00	172.15 7.45 0.13	192.18 8.75 0.11	187.47 8.77 -4.46	293.49 15.74 -2.02	197.10 10.49 -1.09	176.75 9.32 0.00	201.19 9.81 -5.67	202.60 9.12 -17.42	206.50 10.04 -12.78	173.03 8.80 -5.44	105.74 5.09 0.00
DARBY___SOLAR 323810	184.42 10.34 0.00	153.81 9.05 0.00	163.78 9.99 0.00	183.16 10.78 0.00	165.02 10.03 0.00	179.80 11.53 0.00	205.48 13.89 -0.74	268.87 18.06 0.00	176.86 11.46 0.00	149.27 9.08 0.00	159.04 9.22 -5.34	154.44 9.32 0.00	157.50 9.16 0.00	175.65 10.83 0.00	195.57 12.04 0.00	220.61 12.13 -34.25	309.25 19.83 -13.68	205.22 13.18 -6.52	179.45 12.02 0.00	233.33 13.67 -33.95	292.81 12.52 -104.23	279.57 12.60 -83.28	210.46 10.75 -40.93	106.78 6.13 0.00
DASHVILLE___HYD 23610	178.84 4.76 0.00	148.76 4.00 0.00	158.25 4.47 0.00	177.47 5.09 0.00	159.89 4.90 0.00	174.02 5.75 0.00	198.46 7.45 -0.16	262.40 11.60 0.00	173.25 7.85 0.00	146.69 6.50 0.00	151.61 6.00 -1.13	150.44 5.33 0.00	153.30 4.97 0.00	170.60 5.90 0.12	190.38 6.95 0.10	187.17 6.80 -6.13	290.87 12.46 -2.68	195.18 8.27 -1.40	174.82 7.39 0.00	200.51 7.53 -7.27	205.13 6.74 -22.33	208.10 7.67 -16.74	173.10 6.89 -7.43	104.71 4.06 0.00
DELAWARE___LFGE 323621	177.53 3.44 0.00	147.40 2.64 0.00	156.81 3.03 0.00	176.06 3.68 0.00	158.10 3.11 0.00	171.78 3.51 0.00	195.57 4.62 -0.11	257.45 6.64 0.00	169.20 3.80 0.00	143.59 3.40 0.00	148.49 3.25 -0.75	148.27 3.16 0.00	151.49 3.15 0.00	167.81 3.30 0.31	186.91 3.64 0.27	179.72 3.57 -1.92	283.00 5.96 -1.30	190.09 3.65 -0.93	170.60 3.17 0.00	193.73 3.18 -4.84	193.82 2.89 -14.87	195.90 3.14 -9.07	164.03 2.85 -2.39	102.26 1.61 0.00
DERFIELD_115KV_TB7 355931	174.65 0.57 0.00	145.24 0.48 0.00	154.40 0.61 0.00	172.99 0.61 0.00	155.48 0.49 0.00	168.95 0.67 0.00	191.61 0.76 0.00	251.81 1.00 0.00	166.00 0.60 0.00	140.64 0.45 0.00	144.91 0.43 0.00	145.55 0.44 0.00	148.75 0.42 0.00	165.32 0.49 0.00	184.09 0.55 0.00	174.76 0.52 0.00	276.54 0.80 0.00	185.92 0.40 0.00	167.74 0.31 0.00	185.91 0.20 0.00	176.28 0.22 0.00	184.09 0.40 0.00	159.26 0.48 0.00	100.93 0.28 0.00
DOGLEVILLE___HYD 23807	188.59 14.51 0.00	156.68 11.92 0.00	166.67 12.88 0.00	186.72 14.34 0.00	168.24 13.25 0.00	183.38 15.10 0.00	207.79 16.94 0.00	273.33 22.52 0.00	178.22 12.82 0.00	148.35 8.16 0.00	152.38 7.89 0.00	153.59 8.48 0.00	156.75 8.42 0.00	175.36 10.54 0.00	195.86 12.33 0.00	186.99 12.75 0.00	297.77 22.03 0.00	199.92 14.40 0.00	180.37 12.94 0.00	200.01 14.30 0.00	189.46 13.39 0.00	197.50 13.81 0.00	170.92 12.14 0.00	107.88 7.23 0.00
DUNKIRK___115KV_TB_200 55889	169.28 -4.81 0.00	138.63 -6.13 0.00	146.88 -6.90 0.00	162.97 -9.41 0.00	142.80 -12.19 0.00	150.46 -17.82 0.00	132.58 -23.36 34.91	139.82 -31.62 79.36	73.41 -21.27 70.71	121.10 -15.57 3.52	127.90 -16.58 0.00	128.97 -16.15 0.00	133.11 -15.22 0.00	145.27 -18.93 0.62	162.38 -20.62 0.53	147.73 -20.37 6.14	217.62 -31.16 26.95	126.60 -21.06 37.86	119.32 -18.33 29.78	132.47 -21.07 32.17	124.75 -20.08 31.24	124.12 -22.45 37.11	126.60 -18.29 13.89	89.93 -10.71 0.00
DUNKIRK___1 23563	169.28 -4.81 0.00	138.63 -6.13 0.00	146.88 -6.90 0.00	162.97 -9.41 0.00	142.80 -12.19 0.00	150.46 -17.82 0.00	132.58 -23.36 34.91	139.82 -31.62 79.36	73.41 -21.27 70.71	121.10 -15.57 3.52	127.90 -16.58 0.00	128.97 -16.15 0.00	133.11 -15.22 0.00	145.27 -18.93 0.62	162.38 -20.62 0.53	147.73 -20.37 6.14	217.62 -31.16 26.95	126.60 -21.06 37.86	119.32 -18.33 29.78	132.47 -21.07 32.17	124.75 -20.08 31.24	124.12 -22.45 37.11	126.60 -18.29 13.89	89.93 -10.71 0.00
DUNKIRK___2 23564	169.28 -4.81 0.00	138.63 -6.13 0.00	146.88 -6.90 0.00	162.97 -9.41 0.00	142.80 -12.19 0.00	150.46 -17.82 0.00	132.58 -23.36 34.91	139.82 -31.62 79.36	73.41 -21.27 70.71	121.10 -15.57 3.52	127.90 -16.58 0.00	128.97 -16.15 0.00	133.11 -15.22 0.00	145.27 -18.93 0.62	162.38 -20.62 0.53	147.73 -20.37 6.14	217.62 -31.16 26.95	126.60 -21.06 37.86	119.32 -18.33 29.78	132.47 -21.07 32.17	124.75 -20.08 31.24	124.12 -22.45 37.11	126.60 -18.29 13.89	89.93 -10.71 0.00
DUNKIRK___3 23565	168.40 -5.68 0.00	138.15 -6.61 0.00	146.31 -7.48 0.00	162.54 -9.84 0.00	142.97 -12.02 0.00	150.66 -17.61 0.00	130.65 -23.00 37.20	138.86 -31.25 80.69	73.38 -20.90 71.12	121.13 -15.40 3.66	128.19 -16.29 0.00	129.27 -15.85 0.00	133.37 -14.96 0.00	145.52 -18.68 0.62	162.83 -20.18 0.53	147.96 -20.14 6.14	216.48 -30.74 28.52	124.94 -20.57 40.01	117.49 -17.88 32.06	130.61 -20.48 34.63	122.99 -19.44 33.63	122.85 -21.56 39.27	126.81 -17.82 14.16	90.18 -10.47 0.00
DUNKIRK___4 23566	168.40 -5.68 0.00	138.15 -6.61 0.00	146.31 -7.48 0.00	162.54 -9.84 0.00	142.97 -12.02 0.00	150.66 -17.61 0.00	130.65 -23.00 37.20	138.86 -31.25 80.69	73.38 -20.90 71.12	121.13 -15.40 3.66	128.19 -16.29 0.00	129.27 -15.85 0.00	133.37 -14.96 0.00	145.52 -18.68 0.62	162.83 -20.18 0.53	147.96 -20.14 6.14	216.48 -30.74 28.52	124.94 -20.57 40.01	117.49 -17.88 32.06	130.61 -20.48 34.63	122.99 -19.44 33.63	122.85 -21.56 39.27	126.81 -17.82 14.16	90.18 -10.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	179.13 5.05 0.00	149.11 4.35 0.00	158.61 4.82 0.00	177.67 5.29 0.00	160.17 5.18 0.00	174.27 6.00 0.00	198.79 7.81 -0.12	262.84 12.04 0.00	173.73 8.33 0.00	147.52 7.33 0.00	152.44 7.09 -0.87	151.34 6.22 0.00	154.02 5.68 0.00	171.09 6.40 0.13	190.96 7.54 0.11	186.17 7.49 -4.45	291.44 13.69 -2.02	195.92 9.31 -1.09	175.65 8.22 0.00	199.98 8.60 -5.66	201.50 8.06 -17.38	205.39 8.95 -12.75	172.07 7.86 -5.43	105.24 4.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	178.77 4.69 0.00	148.70 3.94 0.00	158.20 4.41 0.00	177.40 5.02 0.00	159.83 4.84 0.00	173.88 5.61 0.00	198.23 7.26 -0.12	262.11 11.31 0.00	172.94 7.55 0.00	146.43 6.25 0.00	151.19 5.87 -0.84	150.33 5.22 0.00	153.15 4.82 0.00	170.28 5.59 0.13	190.15 6.73 0.11	185.30 6.81 -4.25	290.26 12.59 -1.94	194.90 8.33 -1.05	174.74 7.31 0.00	198.80 7.61 -5.48	200.04 7.15 -16.84	204.00 8.01 -12.30	171.03 7.05 -5.20	104.70 4.04 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	178.74 4.66 0.00	148.90 4.14 0.00	158.03 4.25 0.00	177.18 4.80 0.00	159.76 4.77 0.00	173.57 5.30 0.00	197.82 6.85 -0.12	261.47 10.67 0.00	173.16 7.76 0.00	147.23 7.03 0.00	152.19 6.84 -0.87	150.89 5.78 0.00	153.54 5.21 0.00	170.53 5.84 0.13	190.54 7.12 0.11	185.80 7.12 -4.45	290.82 13.06 -2.02	195.58 8.97 -1.09	175.57 8.14 0.00	199.84 8.46 -5.66	201.38 7.94 -17.38	205.09 8.65 -12.75	171.67 7.46 -5.43	105.04 4.39 0.00

E179THST_13_KV_LOAD 356214	179.61 5.53 0.00	149.57 4.81 0.00	158.69 4.90 0.00	177.94 5.57 0.00	160.43 5.44 0.00	174.29 6.01 0.00	198.77 7.80 -0.12	262.74 11.94 0.00	174.05 8.65 0.00	147.95 7.76 0.00	152.98 7.63 -0.87	151.66 6.55 0.00	154.34 6.00 0.00	171.43 6.73 0.13	191.51 8.08 0.11	186.75 8.07 -4.45	292.30 14.55 -2.02	196.60 9.99 -1.09	176.57 9.14 0.00	200.91 9.53 -5.66	202.38 8.94 -17.38	206.08 9.64 -12.75	172.48 8.27 -5.43	105.52 4.87 0.00
EAST HAMPTON___GT 23717	193.29 8.90 -10.31	153.93 7.29 -1.89	166.78 6.96 -6.03	182.66 7.48 -2.80	172.50 11.36 -6.16	191.64 14.36 -9.00	219.38 16.96 -11.57	295.17 18.76 -25.61	187.62 13.49 -8.74	158.93 15.86 -2.88	164.03 14.56 -4.99	162.07 12.56 -4.39	164.72 11.55 -4.84	184.05 11.30 -7.93	209.03 13.74 -11.76	196.65 7.71 -14.70	296.51 15.84 -4.94	201.67 8.61 -7.54	186.27 9.21 -9.63	211.73 7.84 -18.18	211.12 5.55 -29.51	221.10 9.70 -27.72	181.52 8.17 -14.56	106.48 5.82 0.00
EAST RIVER___6 23660	179.11 5.03 0.00	149.05 4.29 0.00	158.51 4.72 0.00	177.47 5.09 0.00	160.05 5.06 0.00	174.26 5.99 0.00	198.79 7.82 -0.12	263.24 12.44 0.00	174.25 8.85 0.00	148.27 8.08 0.00	153.14 7.79 -0.87	152.01 6.90 0.00	154.74 6.41 0.00	171.80 7.10 0.13	191.77 8.35 0.11	186.86 8.18 -4.44	292.54 14.78 -2.02	196.72 10.11 -1.09	176.30 8.87 0.00	200.60 9.23 -5.66	202.16 8.72 -17.38	205.94 9.50 -12.75	172.45 8.23 -5.43	105.39 4.74 0.00
EAST RIVER___7 23524	179.11 5.03 0.00	149.05 4.29 0.00	158.51 4.72 0.00	177.47 5.09 0.00	160.05 5.06 0.00	174.26 5.99 0.00	198.79 7.82 -0.12	263.24 12.44 0.00	174.25 8.85 0.00	148.27 8.08 0.00	153.14 7.79 -0.87	152.01 6.90 0.00	154.74 6.41 0.00	171.80 7.10 0.13	191.77 8.35 0.11	186.86 8.18 -4.44	292.54 14.78 -2.02	196.72 10.11 -1.09	176.30 8.87 0.00	200.60 9.23 -5.66	202.16 8.72 -17.38	205.94 9.50 -12.75	172.45 8.23 -5.43	105.39 4.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	178.68 4.60 0.00	148.73 3.97 0.00	158.22 4.43 0.00	177.26 4.88 0.00	159.81 4.82 0.00	173.95 5.68 0.00	198.37 7.39 -0.12	262.30 11.50 0.00	173.29 7.89 0.00	147.07 6.87 0.00	151.98 6.64 -0.87	150.95 5.83 0.00	153.62 5.29 0.00	170.61 5.91 0.13	190.52 7.10 0.11	185.72 7.06 -4.43	290.72 12.97 -2.01	195.40 8.80 -1.09	175.18 7.74 0.00	199.47 8.11 -5.65	201.04 7.63 -17.34	204.91 8.51 -12.72	171.62 7.42 -5.41	104.97 4.31 0.00
EAST_HAMPTON___DIESEL 23722	192.98 8.58 -10.31	153.64 7.00 -1.89	166.50 6.68 -6.03	182.32 7.14 -2.80	172.39 11.25 -6.16	191.58 14.30 -9.00	219.38 16.95 -11.57	295.19 18.77 -25.61	187.70 13.56 -8.74	159.00 15.93 -2.88	164.09 14.62 -4.99	162.11 12.60 -4.39	164.73 11.56 -4.84	184.00 11.24 -7.93	208.92 13.63 -11.76	196.49 7.55 -14.70	296.48 15.80 -4.94	201.60 8.53 -7.54	185.98 8.92 -9.63	211.20 7.31 -18.18	210.58 5.00 -29.51	220.54 9.14 -27.72	181.05 7.70 -14.56	106.17 5.52 0.00
EAST_POINT___SOLAR 323840	182.31 8.23 0.00	151.38 6.62 0.00	160.61 6.83 0.00	180.14 7.76 0.00	162.13 7.14 0.00	176.61 8.34 0.00	203.06 11.62 -0.60	266.50 15.70 0.00	172.35 6.95 0.00	141.69 1.50 0.00	149.59 0.85 -4.27	147.03 1.91 0.00	150.94 2.61 0.00	169.16 4.46 0.13	189.28 5.85 0.11	207.10 6.65 -26.22	299.52 13.06 -10.72	200.47 9.72 -5.23	176.59 9.16 0.00	222.79 9.82 -27.26	268.40 8.64 -83.70	258.13 8.71 -65.73	197.83 7.58 -31.46	104.84 4.19 0.00
EAST_PULASKI___ESR 323781	171.60 -2.48 0.00	142.29 -2.47 0.00	151.26 -2.53 0.00	169.52 -2.86 0.00	152.13 -2.86 0.00	164.68 -3.60 0.00	187.03 -3.82 0.00	245.39 -5.42 0.00	161.43 -3.97 0.00	136.21 -3.98 0.00	140.61 -3.87 0.00	141.58 -3.54 0.00	144.72 -3.61 0.00	160.81 -4.17 -0.15	178.90 -4.76 -0.13	170.63 -5.05 -1.44	267.83 -8.23 -0.32	180.49 -5.02 0.00	162.97 -4.46 0.00	180.22 -5.49 0.00	170.46 -5.61 0.00	178.93 -6.14 -1.38	155.08 -5.40 -1.70	97.10 -3.55 0.00
EAST_RIVER___1 323558	179.18 5.10 0.00	149.18 4.42 0.00	158.60 4.81 0.00	177.59 5.21 0.00	160.18 5.19 0.00	174.35 6.07 0.00	198.80 7.82 -0.12	263.03 12.23 0.00	174.07 8.67 0.00	148.12 7.93 0.00	153.01 7.66 -0.87	151.85 6.74 0.00	154.53 6.20 0.00	171.61 6.91 0.13	191.55 8.12 0.11	186.62 7.94 -4.44	292.18 14.43 -2.02	196.51 9.91 -1.09	176.10 8.67 0.00	200.43 9.06 -5.66	202.03 8.59 -17.38	205.86 9.42 -12.75	172.44 8.23 -5.43	105.42 4.76 0.00
EAST_RIVER___2 323559	179.11 5.03 0.00	149.05 4.29 0.00	158.51 4.72 0.00	177.47 5.09 0.00	160.05 5.06 0.00	174.26 5.99 0.00	198.79 7.82 -0.12	263.24 12.44 0.00	174.25 8.85 0.00	148.27 8.08 0.00	153.14 7.79 -0.87	152.01 6.90 0.00	154.74 6.41 0.00	171.80 7.10 0.13	191.77 8.35 0.11	186.86 8.18 -4.44	292.54 14.78 -2.02	196.72 10.11 -1.09	176.30 8.87 0.00	200.60 9.23 -5.66	202.16 8.72 -17.38	205.94 9.50 -12.75	172.45 8.23 -5.43	105.39 4.74 0.00
EAST___DELAWARE_HYD 23607	176.51 2.42 0.00	146.70 1.94 0.00	156.09 2.30 0.00	175.10 2.72 0.00	157.80 2.81 0.00	171.85 3.58 0.00	196.06 5.09 -0.12	259.51 8.71 0.00	170.97 5.57 0.00	144.33 4.14 0.00	148.77 3.45 -0.84	147.67 2.56 0.00	150.55 2.22 0.00	167.96 3.27 0.13	187.51 4.09 0.11	182.66 4.21 -4.22	286.64 8.97 -1.93	192.67 6.10 -1.05	172.79 5.36 0.00	196.61 5.43 -5.46	197.60 4.77 -16.77	201.24 5.34 -12.22	168.54 4.62 -5.14	103.07 2.42 0.00
EIGHT_POINT___WT_PWR 323820	173.78 -0.30 0.00	142.77 -1.99 0.00	151.00 -2.78 0.00	167.86 -4.52 0.00	148.82 -6.17 0.00	157.02 -11.26 0.00	302.96 -16.63 -128.73	204.70 -25.31 20.80	68.42 -15.62 81.36	134.31 -11.92 -6.04	132.47 -12.20 -0.19	132.59 -12.52 0.00	134.09 -14.24 0.00	145.98 -18.24 0.60	164.13 -18.90 0.51	149.45 -19.37 5.42	330.12 -30.27 -84.66	277.79 -20.49 -112.76	284.57 -18.47 -135.61	312.39 -20.99 -147.67	302.06 -19.95 -145.94	282.46 -21.94 -120.71	143.98 -19.11 -4.30	88.49 -12.14 0.01
ELBRIDGE_115KV_TB2 80188	170.33 -3.75 0.00	141.06 -3.70 0.00	149.87 -3.91 0.00	167.90 -4.48 0.00	150.93 -4.06 0.00	163.45 -4.83 0.00	186.79 -5.11 -1.06	257.81 -6.79 -13.80	178.18 -4.51 -17.29	136.18 -4.45 -0.43	139.85 -4.63 0.00	140.50 -4.62 0.00	143.82 -4.51 0.00	159.42 -5.05 0.35	178.13 -5.11 0.30	166.27 -4.79 3.18	269.41 -6.91 -0.58	183.37 -4.65 -2.50	163.33 -4.10 0.00	181.00 -4.71 0.00	171.13 -4.93 0.00	176.06 -5.35 2.28	151.08 -4.81 2.90	97.66 -2.99 0.00
ELEC_TRO_TEK 24086	179.36 5.28 0.00	149.49 4.73 0.00	158.67 4.88 0.00	177.56 5.18 0.00	160.65 5.67 0.00	174.99 6.72 0.00	199.46 8.49 -0.12	261.85 11.04 0.00	174.17 8.78 0.00	148.31 8.12 0.00	152.98 7.62 -0.87	151.67 6.56 0.00	154.29 5.95 0.00	171.20 6.51 0.13	191.50 8.08 0.11	185.84 7.16 -4.45	291.36 13.61 -2.02	196.43 9.82 -1.09	176.46 9.03 0.00	201.20 9.83 -5.66	202.09 8.65 -17.38	206.56 10.12 -12.75	172.73 8.51 -5.43	106.38 5.73 0.00
ELLENBURG_WT_PWR 323604	177.80 3.72 0.00	148.23 3.48 0.00	157.37 3.59 0.00	176.47 4.09 0.00	158.98 3.99 0.00	172.99 4.72 0.00	195.44 4.59 0.00	256.96 6.15 0.00	169.59 4.19 0.00	144.15 3.95 0.00	148.76 4.28 0.00	149.51 4.39 0.00	152.90 4.56 0.00	169.76 4.93 0.00	188.66 5.13 0.00	178.40 4.16 0.10	281.67 5.94 0.00	189.08 3.56 0.00	170.84 3.41 0.00	190.36 4.65 0.00	180.65 4.59 0.00	187.66 3.98 0.00	161.32 2.54 0.00	101.90 1.25 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	166.42 -7.66 0.00	137.38 -7.38 0.00	144.95 -8.84 0.00	161.29 -11.09 0.00	143.03 -11.96 0.00	149.89 -18.39 0.00	122.83 -23.83 44.19	135.17 -33.19 82.44	73.98 -21.73 69.68	119.75 -16.39 4.05	127.30 -17.18 0.00	128.69 -16.43 0.00	132.94 -15.40 0.00	145.01 -19.19 0.63	162.45 -20.55 0.53	147.25 -20.83 6.15	210.23 -32.24 33.26	119.02 -20.10 46.39	110.80 -17.45 39.19	123.89 -19.50 42.32	117.02 -17.94 41.10	117.67 -20.07 45.95	126.92 -16.98 14.89	90.83 -9.82 0.00
EMPIRE_CC_1 323656	178.85 4.76 0.00	149.24 4.48 0.00	158.86 5.07 0.00	177.62 5.24 0.00	159.97 4.98 0.00	174.07 5.79 0.00	198.08 6.78 -0.45	259.40 8.60 0.00	171.18 5.78 0.00	145.25 5.06 0.00	153.53 5.90 -3.15	150.86 5.74 0.00	153.74 5.41 0.00	171.17 6.35 0.00	190.21 6.68 0.00	201.55 6.96 -20.36	294.25 10.29 -8.22	195.41 5.97 -3.92	172.43 5.00 0.00	212.73 6.62 -20.40	245.40 6.70 -62.64	241.07 7.32 -50.05	189.76 6.38 -24.60	104.06 3.41 0.00
EMPIRE_CC_2 323658	178.85 4.76 0.00	149.24 4.48 0.00	158.86 5.07 0.00	177.62 5.24 0.00	159.97 4.98 0.00	174.07 5.79 0.00	198.08 6.78 -0.45	259.40 8.60 0.00	171.18 5.78 0.00	145.25 5.06 0.00	153.53 5.90 -3.15	150.86 5.74 0.00	153.74 5.41 0.00	171.17 6.35 0.00	190.21 6.68 0.00	201.55 6.96 -20.36	294.25 10.29 -8.22	195.41 5.97 -3.92	172.43 5.00 0.00	212.73 6.62 -20.40	245.40 6.70 -62.64	241.07 7.32 -50.05	189.76 6.38 -24.60	104.06 3.41 0.00
ENORWICH_115KV_TB1 80156	186.79 12.71 0.00	154.38 9.62 0.00	164.42 10.64 0.00	185.25 12.87 0.00	166.85 11.86 0.00	181.77 13.49 0.00	225.69 16.91 -17.93	402.35 23.35 -128.20	469.67 22.90 -281.37	158.57 10.32 -8.06	152.04 7.18 -0.39	151.85 6.73 0.00	154.66 6.32 0.00	169.83 5.51 0.50	190.70 7.59 0.43	179.23 6.53 1.53	303.24 12.56 -14.95	218.46 7.57 -25.37	183.22 5.79 -10.00	205.64 6.64 -13.29	200.27 6.08 -18.13	204.94 4.81 -16.44	167.78 4.42 -4.57	103.14 2.48 -0.01
ERIE_ST__34_KV_TB1-2 80199	168.96 -5.12 0.00	139.33 -5.43 0.00	147.06 -6.72 0.00	163.76 -8.62 0.00	145.38 -9.61 0.00	152.85 -15.42 0.00	134.87 -20.28 35.70	147.43 -27.42 75.95	80.18 -18.27 66.95	123.38 -13.32 3.49	130.50 -13.98 0.00	131.83 -13.28 0.00	136.00 -12.33 0.00	148.56 -15.64 0.62	166.60 -16.41 0.53	151.03 -17.07 6.14	222.04 -26.17 27.53	130.94 -16.07 38.51	122.48 -13.95 31.00	136.39 -15.84 33.49	129.07 -14.48 32.51	129.26 -16.32 38.11	130.82 -14.10 13.86	92.31 -8.34 0.00
ERIE_WT_PWR 323693	167.66 -6.29 0.13	135.76 -6.26 2.74	146.06 -7.72 0.00	162.64 -9.74 0.00	144.27 -10.72 0.00	151.28 -16.99 0.00	128.96 -21.81 40.08	140.31 -30.57 79.92	76.02 -20.21 69.17	121.06 -15.34 3.80	128.42 -16.06 0.00	129.77 -15.35 0.00	133.99 -14.34 0.00	146.30 -17.90 0.63	163.99 -19.01 0.53	148.67 -19.42 6.14	215.28 -29.91 30.55	124.28 -18.54 42.70	116.18 -16.05 35.20	129.52 -18.17 38.02	122.52 -16.62 36.92	122.72 -18.79 42.17	128.32 -16.03 14.44	91.27 -9.37 0.00
ESPRGFLD_115KV_TB1 80157	176.49 2.41 0.00	146.27 1.51 0.00	155.27 1.48 0.00	174.29 1.91 0.00	156.63 1.64 0.00	170.21 1.94 0.00	195.02 3.74 -0.43	256.65 5.85 0.00	168.44 3.04 0.00	142.21 2.02 0.00	148.94 1.39 -3.08	146.39 1.27 0.00	149.80 1.47 0.00	165.75 1.11 0.19	184.67 1.29 0.16	193.05 0.78 -18.02	284.90 1.62 -7.54	190.65 1.36 -3.78	169.03 1.60 0.00	206.61 1.22 -19.68	237.19 0.71 -60.43	230.90 0.62 -46.59	181.25 0.81 -21.66	100.78 0.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	176.15 2.07 0.00	145.75 0.99 0.00	154.91 1.12 0.00	173.64 1.26 0.00	156.08 1.09 0.00	169.11 0.83 0.00	226.34 1.37 -34.13	499.32 2.19 -246.32	448.87 2.10 -281.37	148.41 0.16 -8.06	144.23 -0.46 -0.21	144.59 -0.53 0.00	147.98 -0.36 0.00	163.29 -0.95 0.59	182.99 -0.05 0.50	171.61 -0.14 2.48	306.54 1.06 -29.74	238.46 0.46 -52.48	183.48 0.38 -15.68	204.12 0.10 -18.31	196.32 -0.38 -20.64	208.63 -0.96 -25.90	169.10 -1.05 -11.36	99.91 -0.76 -0.02
ETNA____115KV_TB2 80207	176.15 2.07 0.00	145.75 0.99 0.00	154.91 1.12 0.00	173.64 1.26 0.00	156.08 1.09 0.00	169.11 0.83 0.00	226.34 1.37 -34.13	499.32 2.19 -246.32	448.87 2.10 -281.37	148.41 0.16 -8.06	144.23 -0.46 -0.21	144.59 -0.53 0.00	147.98 -0.36 0.00	163.29 -0.95 0.59	182.99 -0.05 0.50	171.61 -0.14 2.48	306.54 1.06 -29.74	238.46 0.46 -52.48	183.48 0.38 -15.68	204.12 0.10 -18.31	196.32 -0.38 -20.64	208.63 -0.96 -25.90	169.10 -1.05 -11.36	99.91 -0.76 -0.02
EUCLID__115KV_TB2 356179	169.28 -4.80 0.00	140.48 -4.28 0.00	149.18 -4.61 0.00	167.11 -5.27 0.00	150.11 -4.88 0.00	162.56 -5.72 0.00	184.45 -6.40 0.00	242.31 -8.49 0.00	159.75 -5.65 0.00	135.20 -4.99 0.00	139.24 -5.24 0.00	139.91 -5.21 0.00	143.16 -5.18 0.00	158.52 -5.76 0.55	177.16 -5.92 0.46	163.41 -5.76 5.07	265.89 -8.71 1.13	179.75 -5.77 0.00	162.24 -5.19 0.00	179.80 -5.91 0.00	170.34 -5.72 0.00	172.62 -6.22 4.85	147.31 -5.53 5.95	97.21 -3.44 0.00
E_CANADA_CAP_HY 24051	176.36 2.28 0.00	146.44 1.68 0.00	155.30 1.51 0.00	174.05 1.67 0.00	156.64 1.66 0.00	170.37 2.10 0.00	195.64 4.24 -0.55	257.12 6.32 0.00	168.20 2.81 0.00	141.15 0.96 0.00	148.88 0.46 -3.94	145.67 0.56 0.00	149.29 0.95 0.00	165.73 1.05 0.14	184.64 1.23 0.12	198.86 0.64 -23.98	287.09 1.50 -9.85	192.05 1.69 -4.84	169.53 2.09 0.00	212.85 1.95 -25.19	254.79 1.38 -77.35	245.70 1.51 -60.51	189.53 1.95 -28.78	101.48 0.83 0.00
E_CANADA_MHWK_HY 24050	188.60 14.52 0.00	156.67 11.91 0.00	166.67 12.88 0.00	186.72 14.34 0.00	168.24 13.25 0.00	183.38 15.10 0.00	207.81 16.96 0.00	273.36 22.56 0.00	178.22 12.83 0.00	148.34 8.14 0.00	152.37 7.89 0.00	153.59 8.47 0.00	156.75 8.41 0.00	175.37 10.54 0.00	195.86 12.32 0.00	187.00 12.77 0.00	297.76 22.03 0.00	199.95 14.43 0.00	180.37 12.94 0.00	200.01 14.30 0.00	189.45 13.39 0.00	197.52 13.83 0.00	170.93 12.14 0.00	107.88 7.23 0.00
E_FISHKILL__LBMP 23776	177.97 3.89 0.00	148.17 3.41 0.00	157.67 3.89 0.00	176.64 4.26 0.00	159.19 4.20 0.00	173.21 4.93 0.00	197.37 6.39 -0.13	260.90 10.09 0.00	172.36 6.96 0.00	146.21 6.02 0.00	151.15 5.78 -0.89	150.18 5.06 0.00	152.92 4.58 0.00	169.93 5.23 0.13	189.57 6.15 0.11	184.99 6.19 -4.57	289.21 11.41 -2.06	194.14 7.51 -1.11	174.07 6.64 0.00	198.41 6.92 -5.77	200.31 6.52 -17.73	204.21 7.48 -13.04	171.07 6.70 -5.58	104.50 3.85 0.00
FALCON__SEABRD_CC1 323796	180.36 6.28 0.00	151.04 6.28 0.00	160.36 6.57 0.00	179.63 7.25 0.00	161.92 6.93 0.00	176.43 8.16 0.00	199.27 8.42 0.00	262.30 11.50 0.00	172.89 7.49 0.00	147.07 6.87 0.00	151.70 7.22 0.00	152.30 7.19 0.00	155.65 7.32 0.00	172.96 8.14 0.00	192.33 8.80 0.00	181.83 7.59 0.00	287.27 11.53 0.00	192.46 6.94 0.00	173.81 6.38 0.00	193.96 8.25 0.00	183.85 7.79 0.00	190.78 7.10 0.00	163.74 4.95 0.00	102.91 2.26 0.00
FALCON__SEABRD_CC2 323797	180.36 6.28 0.00	151.04 6.28 0.00	160.36 6.57 0.00	179.63 7.25 0.00	161.92 6.93 0.00	176.43 8.16 0.00	199.27 8.42 0.00	262.30 11.50 0.00	172.89 7.49 0.00	147.07 6.87 0.00	151.70 7.22 0.00	152.30 7.19 0.00	155.65 7.32 0.00	172.96 8.14 0.00	192.33 8.80 0.00	181.83 7.59 0.00	287.27 11.53 0.00	192.46 6.94 0.00	173.81 6.38 0.00	193.96 8.25 0.00	183.85 7.79 0.00	190.78 7.10 0.00	163.74 4.95 0.00	102.91 2.26 0.00

FAR ROCKAWAY___4 23548	182.10 8.02 0.00	151.76 7.00 0.00	161.01 7.22 0.00	180.07 7.69 0.00	162.98 7.99 0.00	177.54 9.26 0.00	202.51 11.54 -0.12	265.73 14.93 0.00	176.71 11.31 0.00	150.45 10.25 0.00	155.16 9.80 -0.87	153.91 8.79 0.00	156.59 8.25 0.00	173.71 9.01 0.13	194.38 10.96 0.11	188.62 9.94 -4.45	295.87 18.11 -2.02	199.73 13.13 -1.09	179.55 12.12 0.00	204.46 13.08 -5.66	205.09 11.64 -17.38	209.57 13.14 -12.75	175.25 11.03 -5.43	107.94 7.29 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	179.29 5.21 0.00	149.28 4.52 0.00	158.69 4.91 0.00	177.74 5.36 0.00	160.26 5.27 0.00	174.45 6.17 0.00	198.90 7.93 -0.12	263.11 12.31 0.00	174.14 8.74 0.00	148.17 7.98 0.00	153.04 7.69 -0.87	151.86 6.74 0.00	154.54 6.20 0.00	171.59 6.89 0.13	191.56 8.14 0.11	186.67 7.99 -4.44	292.30 14.55 -2.02	196.57 9.96 -1.09	176.18 8.75 0.00	200.53 9.16 -5.66	202.07 8.63 -17.38	205.97 9.54 -12.75	172.52 8.30 -5.43	105.46 4.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	179.43 5.35 0.00	149.35 4.59 0.00	158.81 5.02 0.00	177.83 5.45 0.00	160.36 5.37 0.00	174.55 6.27 0.00	199.07 8.10 -0.12	263.36 12.55 0.00	174.24 8.85 0.00	148.23 8.04 0.00	153.10 7.75 -0.87	151.98 6.86 0.00	154.65 6.31 0.00	171.68 6.98 0.13	191.67 8.24 0.11	186.77 8.09 -4.44	292.39 14.64 -2.02	196.69 10.09 -1.09	176.30 8.87 0.00	200.66 9.29 -5.66	202.21 8.76 -17.38	206.09 9.66 -12.75	172.66 8.45 -5.43	105.54 4.89 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	179.26 5.18 0.00	149.23 4.47 0.00	158.65 4.87 0.00	177.67 5.29 0.00	160.22 5.23 0.00	174.42 6.14 0.00	198.90 7.93 -0.12	263.11 12.31 0.00	174.13 8.73 0.00	148.14 7.94 0.00	153.00 7.65 -0.87	151.84 6.73 0.00	154.51 6.18 0.00	171.59 6.89 0.13	191.55 8.12 0.11	186.67 7.99 -4.44	292.28 14.53 -2.02	196.53 9.93 -1.09	176.15 8.72 0.00	200.48 9.10 -5.66	202.03 8.59 -17.38	205.89 9.46 -12.75	172.50 8.29 -5.43	105.44 4.79 0.00
FARRAGUT___LBMP 323566	179.08 5.00 0.00	149.10 4.34 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.09 5.10 0.00	174.28 6.00 0.00	198.71 7.74 0.00	262.86 12.05 0.00	173.95 8.56 0.00	147.98 7.79 0.00	152.85 7.50 -0.87	151.70 6.58 0.00	154.36 6.03 0.00	171.37 6.67 0.13	191.35 7.92 0.11	186.45 7.77 -4.44	291.92 14.17 -2.02	196.33 9.73 -1.09	175.97 8.54 0.00	200.29 8.92 -5.66	201.85 8.41 -17.38	205.77 9.34 -12.75	172.36 8.14 -5.43	105.36 4.70 0.00
FENNER___WINDPWR 24204	174.59 0.50 -0.01	145.32 0.30 -0.25	154.17 0.38 0.00	172.81 0.44 0.00	155.43 0.44 0.00	168.82 0.54 0.00	195.43 1.05 -3.53	298.33 1.76 -45.76	220.48 0.85 -54.23	141.50 -0.05 -1.36	144.19 -0.29 0.00	144.72 -0.39 0.00	147.85 -0.48 0.00	163.76 -0.56 0.51	183.11 0.00 0.43	169.95 0.11 4.39	279.17 0.70 -2.73	192.80 0.06 -7.23	167.28 -0.15 0.00	185.18 -0.53 0.00	175.51 -0.55 0.00	182.02 0.34 2.01	156.18 0.15 2.76	100.71 0.05 0.00
FIBERTEK___ENERGY 23856	171.10 -2.98 0.00	141.79 -2.97 0.00	150.67 -3.12 0.00	168.88 -3.50 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	187.91 -3.91 -0.97	258.36 -5.11 -12.67	177.78 -3.48 -15.86	137.11 -3.48 -0.40	140.84 -3.64 0.00	141.44 -3.67 0.00	144.80 -3.53 0.00	160.40 -4.06 0.35	179.35 -3.89 0.30	167.29 -3.74 3.20	270.92 -5.25 -0.44	184.28 -3.48 -2.25	164.29 -3.14 0.00	182.07 -3.64 0.00	172.28 -3.79 0.00	177.14 -4.16 2.39	151.93 -3.85 3.02	98.25 -2.40 0.00
FITZPATRICK___ 23598	166.97 -7.11 0.00	138.63 -6.13 0.00	147.23 -6.55 0.00	164.92 -7.46 0.00	148.20 -6.79 0.00	160.53 -7.75 0.00	182.15 -8.70 0.00	239.23 -11.58 0.00	157.71 -7.69 0.00	133.44 -6.75 0.00	137.43 -7.05 0.00	138.05 -7.07 0.00	141.23 -7.10 0.00	157.01 -7.81 0.00	175.25 -8.28 0.00	166.28 -7.95 0.00	263.42 -12.32 0.00	177.34 -8.17 0.00	160.07 -7.36 0.00	177.43 -8.29 0.00	168.10 -7.96 0.00	175.22 -8.47 0.00	151.37 -7.41 0.00	95.99 -4.66 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	181.35 7.27 0.00	150.51 5.75 0.00	160.11 6.33 0.00	179.48 7.10 0.00	161.72 6.73 0.00	176.00 7.72 0.00	200.81 9.84 -0.12	265.53 14.73 0.00	175.23 9.83 0.00	148.39 8.20 0.00	153.28 7.93 -0.88	152.35 7.24 0.00	155.19 6.86 0.00	172.61 7.91 0.13	192.66 9.23 0.11	187.99 9.27 -4.49	294.31 16.54 -2.03	197.70 11.08 -1.10	177.28 9.85 0.00	201.79 10.38 -5.70	203.21 9.64 -17.51	207.11 10.57 -12.85	173.49 9.22 -5.48	106.00 5.34 0.00
FORT ORANGE___ 23900	177.47 3.39 0.00	147.87 3.11 0.00	157.34 3.55 0.00	176.17 3.79 0.00	158.61 3.63 0.00	172.58 4.30 0.00	196.27 5.00 -0.42	257.26 6.46 0.00	169.55 4.15 0.00	143.62 3.43 0.00	151.67 4.20 -2.99	149.12 4.01 0.00	152.25 3.91 0.00	169.68 4.86 0.00	188.85 5.32 0.00	199.20 5.74 -19.23	292.08 8.64 -7.70	194.64 5.45 -3.67	171.95 4.52 0.00	210.16 5.35 -19.10	241.11 6.41 -58.64	237.55 7.01 -46.86	187.94 6.13 -23.03	104.47 3.81 0.00
FORT_DRUM_COGEN 23780	183.04 8.96 0.00	151.48 6.72 0.00	161.30 7.51 0.00	180.80 8.43 0.00	162.14 7.15 0.00	175.34 7.06 0.00	199.71 8.86 0.00	261.29 10.49 0.00	171.15 5.75 0.00	143.44 3.25 0.00	148.79 4.31 0.00	150.69 5.57 0.00	153.60 5.27 0.00	169.51 4.69 0.00	186.40 2.86 0.00	175.84 1.61 0.00	276.73 2.49 0.00	188.01 2.42 0.00	169.85 0.87 0.00	186.58 2.42 0.00	175.78 -0.28 0.00	182.68 -1.01 0.00	157.69 -1.09 0.00	99.77 -0.88 0.00
FOX_HILLS___ESR 323835	178.54 4.46 0.00	148.55 3.80 0.00	157.76 3.97 0.00	176.74 4.36 0.00	159.37 4.38 0.00	108.27 5.18 65.19	145.83 7.39 52.42	237.81 11.63 24.63	134.13 8.51 39.78	87.94 7.38 59.64	93.31 7.08 58.25	99.43 6.00 51.69	99.64 5.40 54.09	95.91 6.10 75.02	104.89 7.39 86.03	126.46 7.54 55.32	244.79 14.06 45.01	140.07 9.82 55.27	139.91 8.57 36.08	141.73 8.93 52.92	155.63 8.26 28.70	130.67 8.64 61.66	91.92 7.43 74.30	94.60 4.35 10.40
FPL_FAR_ROCK_GT1 24212	182.09 8.01 0.00	151.74 6.98 0.00	161.01 7.23 0.00	180.10 7.72 0.00	162.98 7.99 0.00	177.56 9.29 0.00	202.43 11.46 -0.12	265.67 14.87 0.00	176.67 11.27 0.00	150.46 10.26 0.00	155.17 9.81 -0.87	153.92 8.81 0.00	156.61 8.28 0.00	173.72 9.02 0.13	194.38 10.95 0.11	188.55 9.87 -4.45	295.79 18.03 -2.02	199.65 13.05 -1.09	179.51 12.08 0.00	204.37 13.00 -5.66	205.08 11.64 -17.38	209.53 13.09 -12.75	175.22 11.00 -5.43	107.95 7.30 0.00
FPL_FAR_ROCK_GT2 23815	182.09 8.01 0.00	151.74 6.98 0.00	161.01 7.23 0.00	180.10 7.72 0.00	162.98 7.99 0.00	177.56 9.29 0.00	202.43 11.46 -0.12	265.67 14.87 0.00	176.67 11.27 0.00	150.46 10.26 0.00	155.17 9.81 -0.87	153.92 8.81 0.00	156.61 8.28 0.00	173.72 9.02 0.13	194.38 10.95 0.11	188.55 9.87 -4.45	295.79 18.03 -2.02	199.65 13.05 -1.09	179.51 12.08 0.00	204.37 13.00 -5.66	205.08 11.64 -17.38	209.53 13.09 -12.75	175.22 11.00 -5.43	107.95 7.30 0.00
FRANKLIN_FALL_HYD 24054	183.56 9.48 0.00	153.04 8.28 0.00	162.39 8.61 0.00	182.14 9.76 0.00	163.97 8.98 0.00	178.17 9.90 0.00	201.43 10.58 0.00	264.88 14.08 0.00	174.73 9.33 0.00	148.51 8.32 0.00	153.44 8.96 0.00	154.26 9.14 0.00	157.69 9.36 0.00	174.54 9.71 0.00	193.66 10.13 0.00	182.94 8.70 0.00	289.18 13.45 0.00	194.72 9.21 0.00	176.12 8.69 0.00	196.01 10.30 0.00	185.83 9.77 0.00	192.88 9.19 0.00	165.82 7.03 0.00	104.77 4.12 0.00

FREEPORT_EQUS_GT1 23764	180.53 6.45 0.00	150.54 5.78 0.00	159.72 5.94 0.00	178.63 6.25 0.00	161.71 6.72 0.00	176.25 7.97 0.00	200.95 9.97 -0.12	263.59 12.79 0.00	175.46 10.06 0.00	149.42 9.23 0.00	153.87 8.52 -0.87	152.45 7.33 0.00	155.07 6.73 0.00	171.74 7.04 0.13	191.70 8.27 0.11	185.85 7.17 -4.45	292.15 14.39 -2.02	196.71 10.11 -1.09	177.11 9.68 0.00	203.04 11.66 -5.66	203.72 10.27 -17.38	208.20 11.76 -12.75	174.12 9.91 -5.43	107.27 6.61 0.00
FREEPORT___CT2 23818	180.53 6.45 0.00	150.54 5.78 0.00	159.72 5.94 0.00	178.63 6.25 0.00	161.71 6.72 0.00	176.25 7.97 0.00	200.95 9.97 -0.12	263.59 12.79 0.00	175.46 10.06 0.00	149.42 9.23 0.00	153.87 8.52 -0.87	152.45 7.33 0.00	155.07 6.73 0.00	171.74 7.04 0.13	191.70 8.27 0.11	185.85 7.17 -4.45	292.15 14.39 -2.02	196.71 10.11 -1.09	177.11 9.68 0.00	203.04 11.66 -5.66	203.72 10.27 -17.38	208.20 11.76 -12.75	174.12 9.91 -5.43	107.27 6.61 0.00
FRESHKLS_33_KV_LOAD 356253	178.66 4.58 0.00	148.66 3.90 0.00	157.87 4.09 0.00	176.90 4.52 0.00	159.51 4.52 0.00	108.34 5.26 65.19	145.90 7.47 52.42	238.01 11.84 24.63	134.37 8.74 39.78	87.99 7.43 59.64	93.31 7.08 58.25	99.36 5.93 51.69	99.57 5.34 54.09	95.75 5.95 75.02	104.71 7.21 86.03	126.29 7.37 55.32	244.60 13.88 45.01	140.10 9.85 55.27	139.98 8.64 36.08	141.92 9.12 52.92	155.76 8.39 28.70	130.84 8.81 61.66	91.93 7.45 74.30	94.63 4.39 10.40
FULTON COGEN____ 23766	167.94 -6.15 0.00	139.34 -5.42 0.00	147.99 -5.80 0.00	165.81 -6.57 0.00	148.97 -6.02 0.00	161.38 -6.90 0.00	183.28 -7.56 0.00	240.79 -10.01 0.00	158.76 -6.64 0.00	134.19 -6.01 0.00	138.17 -6.31 0.00	138.81 -6.31 0.00	141.99 -6.34 0.00	158.16 -6.91 -0.24	176.59 -7.16 -0.21	169.55 -6.97 -2.28	265.58 -10.67 -0.51	178.54 -6.98 0.00	161.12 -6.31 0.00	178.59 -7.13 0.00	169.14 -6.92 0.00	178.28 -7.59 -2.18	154.68 -6.78 -2.67	96.33 -4.32 0.00
FULTON___LFGE 323630	181.02 6.94 0.00	150.41 5.65 0.00	159.65 5.87 0.00	178.89 6.51 0.00	161.00 6.01 0.00	175.29 7.01 0.00	201.10 9.64 -0.61	264.07 13.26 0.00	172.13 6.74 0.00	143.25 3.05 0.00	151.35 2.54 -4.34	148.08 2.96 0.00	151.71 3.38 0.00	169.43 4.73 0.12	189.27 5.84 0.11	207.15 6.19 -26.72	298.06 11.41 -10.91	199.26 8.42 -5.32	175.26 7.83 0.00	221.88 8.45 -27.72	268.70 7.52 -85.11	258.19 7.61 -66.89	197.52 6.68 -32.05	104.36 3.71 0.00
G.F.CEMENT___DRP 24184	187.91 13.83 0.00	156.85 12.08 0.00	167.15 13.37 0.00	186.87 14.49 0.00	168.52 13.53 0.00	183.88 15.61 0.00	210.50 18.92 -0.73	275.45 24.65 0.00	181.13 15.73 0.00	152.67 12.48 0.00	162.26 12.58 -5.20	157.86 12.74 0.00	160.63 12.29 0.00	179.17 14.35 0.00	199.53 15.99 0.00	223.53 15.87 -33.42	315.27 26.17 -13.37	209.48 17.60 -6.37	183.59 16.16 0.00	237.24 18.37 -33.16	294.38 16.52 -101.81	281.10 16.07 -81.35	212.43 13.66 -39.98	108.30 7.65 0.00
GARDENVILLE___LBMP 24039	166.88 -7.20 0.00	137.75 -7.01 0.00	145.36 -8.43 0.00	161.76 -10.61 0.00	143.39 -11.60 0.00	150.33 -17.94 0.00	118.74 -23.34 48.76	129.68 -32.37 88.75	69.57 -21.28 74.55	119.76 -16.00 4.42	127.72 -16.76 0.00	129.04 -16.07 0.00	133.25 -15.09 0.00	145.35 -18.85 0.63	162.85 -20.16 0.53	147.58 -20.51 6.15	207.56 -31.66 36.52	114.60 -19.89 51.03	106.73 -17.27 43.43	119.47 -19.34 46.90	112.65 -17.87 45.54	113.63 -19.88 50.17	126.31 -16.89 15.59	90.84 -9.81 0.00
GARDNVLA_35_KV_LD 355827	168.49 -5.59 0.00	139.04 -5.72 0.00	146.65 -7.14 0.00	163.24 -9.14 0.00	144.85 -10.14 0.00	151.89 -16.38 0.00	130.90 -21.47 38.48	142.79 -29.70 78.31	77.53 -19.68 68.19	121.90 -14.61 3.68	129.39 -15.09 0.00	130.78 -14.33 0.00	135.06 -13.27 0.00	147.28 -16.92 0.63	165.02 -17.98 0.53	149.53 -18.57 6.14	217.54 -28.73 29.46	126.65 -17.70 41.17	118.55 -15.19 33.69	132.20 -17.13 36.39	125.01 -15.71 35.34	125.02 -17.96 40.71	129.28 -15.29 14.22	91.72 -8.93 0.00
GELCKHM___115KV_LOAD 80723	170.01 -4.07 0.00	141.03 -3.73 0.00	149.76 -4.03 0.00	167.83 -4.55 0.00	150.78 -4.21 0.00	163.30 -4.98 0.00	185.40 -5.45 0.00	243.57 -7.24 0.00	160.59 -4.81 0.00	135.80 -4.39 0.00	139.86 -4.62 0.00	140.51 -4.60 0.00	143.85 -4.49 0.00	159.27 -5.09 0.46	178.01 -5.14 0.39	164.98 -4.96 4.29	267.42 -7.36 0.96	180.66 -4.85 0.00	163.06 -4.37 0.00	180.74 -4.97 0.00	171.10 -4.96 0.00	174.20 -5.38 4.11	148.93 -4.83 5.03	97.63 -3.03 0.00
GENERAL___MILLS 23808	167.64 -6.44 0.00	138.38 -6.38 0.00	146.01 -7.78 0.00	162.52 -9.85 0.00	144.15 -10.84 0.00	151.13 -17.15 0.00	128.39 -22.39 40.08	139.86 -31.02 79.92	75.70 -20.53 69.17	121.06 -15.34 3.80	128.45 -16.03 0.00	129.82 -15.29 0.00	134.06 -14.27 0.00	146.28 -17.92 0.63	163.93 -19.07 0.53	148.53 -19.57 6.14	214.92 -30.27 30.55	124.01 -18.81 42.70	115.97 -16.26 35.20	129.41 -18.29 38.02	122.32 -16.82 36.92	122.55 -18.97 42.17	128.29 -16.07 14.44	91.28 -9.37 0.00
GE_PLASTICS___DRP 24183	177.13 3.04 0.00	147.59 2.83 0.00	156.97 3.19 0.00	175.85 3.46 0.00	158.19 3.20 0.00	172.06 3.79 0.00	195.56 4.38 -0.33	256.40 5.59 0.00	169.11 3.71 0.00	143.46 3.27 0.00	150.80 3.96 -2.37	148.97 3.85 0.00	152.11 3.78 0.00	169.32 4.50 0.00	188.26 4.72 0.00	194.34 4.90 -15.20	289.21 7.38 -6.09	193.03 4.61 -2.90	171.23 3.80 0.00	205.23 4.41 -15.11	226.90 4.46 -46.38	225.70 4.95 -37.06	181.44 4.44 -18.21	103.42 2.77 0.00
GILBOA___1 23756	176.60 2.52 0.00	146.97 2.21 0.00	156.34 2.56 0.00	175.68 3.30 0.00	157.58 2.59 0.00	171.25 2.97 0.00	194.59 3.67 -0.08	255.65 4.84 0.00	168.77 3.38 0.00	143.31 3.12 0.00	148.24 3.22 -0.54	148.60 3.48 0.00	152.04 3.71 0.00	168.75 4.08 0.15	187.14 3.73 0.13	180.26 3.96 -2.07	282.12 5.30 -1.08	189.15 2.97 -0.66	170.04 2.61 0.00	191.96 2.79 -3.45	189.30 2.64 -10.60	194.09 3.25 -7.15	164.52 3.19 -2.54	102.61 1.96 0.00
GILBOA___2 23757	176.60 2.52 0.00	146.97 2.21 0.00	156.34 2.56 0.00	175.68 3.30 0.00	157.58 2.59 0.00	171.25 2.97 0.00	194.59 3.67 -0.08	255.65 4.84 0.00	168.77 3.38 0.00	143.31 3.12 0.00	148.24 3.22 -0.54	148.60 3.48 0.00	152.04 3.71 0.00	168.75 4.08 0.15	187.14 3.73 0.13	180.26 3.96 -2.07	282.12 5.30 -1.08	189.15 2.97 -0.66	170.04 2.61 0.00	191.96 2.79 -3.45	189.30 2.64 -10.60	194.09 3.25 -7.15	164.52 3.19 -2.54	102.61 1.96 0.00
GILBOA___3 23758	176.60 2.52 0.00	146.97 2.21 0.00	156.34 2.56 0.00	175.68 3.30 0.00	157.58 2.59 0.00	171.25 2.97 0.00	194.59 3.67 -0.08	255.65 4.84 0.00	168.77 3.38 0.00	143.31 3.12 0.00	148.24 3.22 -0.54	148.60 3.48 0.00	152.04 3.71 0.00	168.75 4.08 0.15	187.14 3.73 0.13	180.26 3.96 -2.07	282.12 5.30 -1.08	189.15 2.97 -0.66	170.04 2.61 0.00	191.96 2.79 -3.45	189.30 2.64 -10.60	194.09 3.25 -7.15	164.52 3.19 -2.54	102.61 1.96 0.00
GILBOA___4 23759	176.60 2.52 0.00	146.97 2.21 0.00	156.34 2.56 0.00	175.68 3.30 0.00	157.58 2.59 0.00	171.25 2.97 0.00	194.59 3.67 -0.08	255.65 4.84 0.00	168.77 3.38 0.00	143.31 3.12 0.00	148.24 3.22 -0.54	148.60 3.48 0.00	152.04 3.71 0.00	168.75 4.08 0.15	187.14 3.73 0.13	180.26 3.96 -2.07	282.12 5.30 -1.08	189.15 2.97 -0.66	170.04 2.61 0.00	191.96 2.79 -3.45	189.30 2.64 -10.60	194.09 3.25 -7.15	164.52 3.19 -2.54	102.61 1.96 0.00

GILBOA____ 23599	176.61 2.53 0.00	146.97 2.21 0.00	156.34 2.55 0.00	175.68 3.30 0.00	157.58 2.59 0.00	171.25 2.97 0.00	194.64 3.71 -0.08	255.68 4.87 0.00	168.79 3.39 0.00	143.31 3.12 0.00	148.24 3.23 -0.54	148.59 3.47 0.00	152.04 3.71 0.00	168.78 4.10 0.15	187.13 3.72 0.13	180.27 3.97 -2.07	282.14 5.32 -1.08	189.20 3.02 -0.66	170.05 2.62 0.00	191.97 2.80 -3.45	189.33 2.67 -10.60	194.12 3.28 -7.15	164.53 3.21 -2.54	102.61 1.96 0.00
GINNA____ 23603	161.47 -12.56 0.05	132.81 -10.91 1.03	141.65 -12.14 0.00	158.26 -14.12 0.00	141.66 -13.33 0.00	151.81 -16.47 0.00	164.87 -18.92 7.06	206.01 -25.74 19.05	132.27 -16.75 16.38	125.63 -13.81 0.75	130.12 -14.36 0.00	131.06 -14.06 0.00	134.74 -13.60 0.00	148.38 -15.82 0.62	165.99 -17.02 0.53	151.87 -16.48 5.88	244.06 -25.24 6.44	161.78 -16.07 7.67	147.46 -14.22 5.75	163.56 -15.94 6.21	154.87 -15.17 6.03	154.90 -17.01 11.77	135.41 -15.06 8.32	91.56 -9.09 0.00
GLEN PARK____ 23778	183.09 9.01 0.00	151.57 6.81 0.00	161.36 7.57 0.00	180.87 8.49 0.00	162.22 7.23 0.00	175.44 7.17 0.00	200.02 9.17 0.00	261.82 11.02 0.00	171.46 6.06 0.00	143.66 3.47 0.00	148.95 4.47 0.00	150.80 5.68 0.00	153.76 5.42 0.00	169.73 4.90 0.00	186.78 3.24 0.00	176.23 2.00 0.00	277.61 1.88 0.00	188.64 3.12 0.00	170.41 2.98 0.00	187.21 1.50 0.00	176.36 0.30 0.00	183.23 -0.46 0.00	158.07 -0.72 0.00	99.92 -0.73 0.00
GLENDALE_27_KV_LOAD 356172	179.61 5.52 0.00	149.62 4.85 0.00	158.88 5.09 0.00	177.95 5.57 0.00	160.47 5.48 0.00	174.69 6.42 0.00	199.38 8.41 -0.12	263.88 13.08 0.00	174.73 9.33 0.00	148.63 8.44 0.00	153.49 8.14 -0.87	152.21 7.10 0.00	154.88 6.55 0.00	171.98 7.28 0.13	192.03 8.60 0.11	187.24 8.56 -4.45	293.36 15.61 -2.02	197.52 10.92 -1.09	177.03 9.60 0.00	201.45 10.07 -5.66	202.92 9.48 -17.38	206.58 10.15 -12.75	173.01 8.79 -5.43	105.74 5.09 0.00
GLENWOOD_IC_1_G5 23712	180.03 5.95 0.00	149.88 5.12 0.00	159.23 5.44 0.00	178.24 5.86 0.00	161.07 6.08 0.00	175.38 7.10 0.00	200.06 9.09 -0.12	263.41 12.61 0.00	174.80 9.40 0.00	148.65 8.45 0.00	153.56 8.21 -0.87	152.33 7.21 0.00	154.97 6.63 0.00	172.05 7.36 0.13	192.35 8.92 0.11	186.95 8.27 -4.45	293.00 15.24 -2.02	197.35 10.75 -1.09	177.15 9.72 0.00	201.77 10.39 -5.66	202.87 9.42 -17.38	207.07 10.63 -12.75	173.20 8.98 -5.43	106.32 5.67 0.00
GLENWOOD_IC_2_G1 23688	179.37 5.29 0.00	149.35 4.59 0.00	158.73 4.94 0.00	177.75 5.37 0.00	160.50 5.51 0.00	174.74 6.47 0.00	199.13 8.16 -0.12	262.58 11.78 0.00	174.01 8.61 0.00	147.93 7.74 0.00	152.89 7.54 -0.87	151.69 6.58 0.00	154.36 6.03 0.00	171.40 6.70 0.13	191.53 8.11 0.11	186.24 7.56 -4.45	291.76 14.01 -2.02	196.33 9.72 -1.09	176.22 8.79 0.00	200.74 9.36 -5.66	202.03 8.59 -17.38	206.13 9.69 -12.75	172.50 8.28 -5.43	105.80 5.14 0.00
GLENWOOD_IC_3_G1 23689	179.37 5.29 0.00	149.35 4.59 0.00	158.73 4.94 0.00	177.75 5.37 0.00	160.50 5.51 0.00	174.74 6.47 0.00	199.13 8.16 -0.12	262.58 11.78 0.00	174.01 8.61 0.00	147.93 7.74 0.00	152.89 7.54 -0.87	151.69 6.58 0.00	154.36 6.03 0.00	171.40 6.70 0.13	191.53 8.11 0.11	186.24 7.56 -4.45	291.76 14.01 -2.02	196.33 9.72 -1.09	176.22 8.79 0.00	200.74 9.36 -5.66	202.03 8.59 -17.38	206.13 9.69 -12.75	172.50 8.28 -5.43	105.80 5.14 0.00
GLENWOOD____4 23550	180.03 5.95 0.00	149.88 5.12 0.00	159.23 5.44 0.00	178.24 5.86 0.00	161.07 6.08 0.00	175.38 7.10 0.00	200.06 9.09 -0.12	263.41 12.61 0.00	174.80 9.40 0.00	148.65 8.45 0.00	153.56 8.21 -0.87	152.33 7.21 0.00	154.97 6.63 0.00	172.05 7.36 0.13	192.35 8.92 0.11	186.95 8.27 -4.45	293.00 15.24 -2.02	197.35 10.75 -1.09	177.15 9.72 0.00	201.77 10.39 -5.66	202.87 9.42 -17.38	207.07 10.63 -12.75	173.20 8.98 -5.43	106.32 5.67 0.00
GLENWOOD____5 23614	180.03 5.95 0.00	149.88 5.12 0.00	159.23 5.44 0.00	178.24 5.86 0.00	161.07 6.08 0.00	175.38 7.10 0.00	200.06 9.09 -0.12	263.41 12.61 0.00	174.80 9.40 0.00	148.65 8.45 0.00	153.56 8.21 -0.87	152.33 7.21 0.00	154.97 6.63 0.00	172.05 7.36 0.13	192.35 8.92 0.11	186.95 8.27 -4.45	293.00 15.24 -2.02	197.35 10.75 -1.09	177.15 9.72 0.00	201.77 10.39 -5.66	202.87 9.42 -17.38	207.07 10.63 -12.75	173.20 8.98 -5.43	106.32 5.67 0.00
GLOBAL GREEN_PORT_GT1 23814	194.26 9.87 -10.31	154.81 8.17 -1.89	167.84 8.03 -6.03	183.76 8.58 -2.80	172.82 11.68 -6.15	191.66 14.38 -9.00	219.14 16.72 -11.57	294.38 17.98 -25.60	185.78 11.65 -8.73	158.42 15.36 -2.88	163.52 14.05 -4.99	161.70 12.19 -4.39	164.34 11.18 -4.83	184.03 11.28 -7.93	209.16 13.87 -11.75	197.05 8.12 -14.69	296.81 16.14 -4.94	202.68 9.63 -7.54	187.30 10.24 -9.62	213.59 9.71 -18.17	213.12 7.56 -29.50	223.26 11.87 -27.71	183.39 10.05 -14.56	107.61 6.96 0.00
GLOBE____DSASP 323697	162.30 -11.78 0.00	134.25 -10.51 0.00	141.52 -12.27 0.00	157.31 -15.06 0.00	139.62 -15.37 0.00	145.77 -22.50 0.00	129.61 -28.74 32.50	144.36 -40.52 65.93	81.86 -26.32 57.21	115.78 -21.30 3.12	122.40 -22.07 0.00	124.18 -20.94 0.00	128.46 -19.87 0.00	139.70 -24.49 0.63	156.65 -26.35 0.54	141.75 -26.34 6.15	210.46 -40.22 25.06	126.28 -24.59 34.64	117.98 -21.06 28.38	131.73 -23.33 30.65	124.88 -21.42 29.76	124.72 -23.79 35.17	125.78 -19.94 13.07	89.32 -11.32 0.00
GOETHSLN____LBMP 323567	177.94 3.86 0.00	148.09 3.34 0.00	157.51 3.72 0.00	176.40 4.03 0.00	159.09 4.09 0.00	107.93 4.84 65.19	190.44 6.39 6.80	257.93 10.37 3.25	153.51 7.39 19.28	87.43 6.88 59.64	92.85 6.63 58.26	99.14 5.71 51.69	99.37 5.14 54.10	95.49 5.68 75.01	104.32 6.81 86.03	151.62 6.71 29.32	280.74 12.52 7.52	185.43 8.61 8.69	141.17 7.48 33.74	140.53 7.73 52.91	154.72 7.36 28.69	130.27 8.25 61.67	90.96 7.20 75.03	94.37 4.13 10.41
GOLAH____69_KV_TB 1_2 80279	169.37 -4.71 0.00	140.21 -4.55 0.00	148.18 -5.60 0.00	165.30 -7.08 0.00	147.64 -7.35 0.00	157.12 -11.15 0.00	169.62 -13.84 7.38	204.22 -19.37 27.22	126.75 -12.53 26.12	129.62 -9.60 0.97	134.47 -10.01 0.00	135.39 -9.73 0.00	139.35 -8.98 0.00	153.31 -10.88 0.63	171.73 -11.27 0.54	156.89 -11.34 6.01	251.62 -17.01 7.10	166.48 -10.05 8.98	153.24 -8.63 5.56	170.09 -9.62 6.01	161.60 -8.62 5.84	161.07 -10.45 12.16	140.61 -9.24 8.93	95.51 -5.14 0.00
GOODYEAR_LAKE_HYD 323669	178.31 4.23 0.00	147.87 3.11 0.00	157.22 3.43 0.00	176.55 4.17 0.00	158.64 3.65 0.00	172.32 4.05 0.00	196.64 5.59 -0.20	258.96 8.16 0.00	170.10 4.70 0.00	144.16 3.97 0.00	149.51 3.58 -1.45	148.59 3.47 0.00	151.88 3.55 0.00	168.12 3.57 0.27	187.28 3.98 0.23	184.76 3.75 -6.78	285.20 6.29 -3.17	191.42 4.12 -1.78	171.17 3.74 0.00	198.58 3.59 -9.28	207.70 3.14 -28.50	207.27 3.25 -20.33	169.86 2.87 -8.21	102.16 1.51 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	172.53 -1.55 0.00	142.76 -2.00 0.00	151.78 -2.00 0.00	170.06 -2.31 0.00	152.49 -2.50 0.00	164.86 -3.42 0.00	193.06 -4.05 -6.26	234.05 -4.06 12.69	141.00 -3.24 21.16	137.27 -2.80 0.12	141.51 -3.27 -0.30	141.78 -3.33 0.00	145.20 -3.13 0.00	159.93 -4.34 0.56	178.97 -4.10 0.47	166.46 -4.32 3.45	272.71 -5.76 -2.73	184.67 -4.38 -3.53	171.05 -3.84 -7.46	191.07 -4.61 -9.96	185.06 -4.68 -13.68	184.01 -5.13 -5.45	149.89 -4.48 4.42	97.87 -2.78 0.00

GOUDEY___7 23579	172.53 -1.55 0.00	142.76 -2.00 0.00	151.78 -2.00 0.00	170.06 -2.31 0.00	152.49 -2.50 0.00	164.86 -3.42 0.00	193.06 -4.05 -6.26	234.05 -4.06 12.69	141.00 -3.24 21.16	137.27 -2.80 0.12	141.51 -3.27 -0.30	141.78 -3.33 0.00	145.20 -3.13 0.00	159.93 -4.34 0.56	178.97 -4.10 0.47	166.46 -4.32 3.45	272.71 -5.76 -2.73	184.67 -4.38 -3.53	171.05 -3.84 -7.46	191.07 -4.61 -9.96	185.06 -4.68 -13.68	184.01 -5.13 -5.45	149.89 -4.48 4.42	97.87 -2.78 0.00
GOUDEY___8 23580	172.53 -1.55 0.00	142.76 -2.00 0.00	151.78 -2.00 0.00	170.06 -2.31 0.00	152.49 -2.50 0.00	164.86 -3.42 0.00	193.06 -4.05 -6.26	234.05 -4.06 12.69	141.00 -3.24 21.16	137.27 -2.80 0.12	141.51 -3.27 -0.30	141.78 -3.33 0.00	145.20 -3.13 0.00	159.93 -4.34 0.56	178.97 -4.10 0.47	166.46 -4.32 3.45	272.71 -5.76 -2.73	184.67 -4.38 -3.53	171.05 -3.84 -7.46	191.07 -4.61 -9.96	185.06 -4.68 -13.68	184.01 -5.13 -5.45	149.89 -4.48 4.42	97.87 -2.78 0.00
GOWANUS_GT1_1 24077	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT1_2 24078	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT1_3 24079	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT1_4 24080	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT1_5 24084	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT1_6 24111	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT1_7 24112	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT1_8 24113	178.85 4.77 0.00	148.93 4.17 0.00	158.18 4.40 0.00	177.23 4.85 0.00	159.83 4.84 0.00	174.10 5.82 0.00	198.64 7.67 -0.12	262.57 11.76 0.00	173.84 8.44 0.00	147.74 7.54 0.00	152.62 7.27 -0.87	151.36 6.24 0.00	153.96 5.63 0.00	171.07 6.38 0.13	191.17 7.74 0.11	186.45 7.78 -4.45	291.98 14.23 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.22 8.85 -5.66	201.73 8.29 -17.38	205.30 8.86 -12.75	171.97 7.75 -5.43	105.06 4.41 0.00
GOWANUS_GT2_1 24114	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
GOWANUS_GT2_2 24115	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
GOWANUS_GT2_3 24116	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
GOWANUS_GT2_4 24117	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
GOWANUS_GT2_5 24118	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00

GOWANUS_GT2_6 24119	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
GOWANUS_GT2_7 24120	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
GOWANUS_GT2_8 24121	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
GOWANUS_GT3_1 24122	178.82 4.73 0.00	148.92 4.16 0.00	158.19 4.41 0.00	177.26 4.88 0.00	159.83 4.84 0.00	174.07 5.79 0.00	198.52 7.55 -0.12	262.59 11.79 0.00	173.81 8.41 0.00	147.75 7.55 0.00	152.65 7.30 -0.87	151.37 6.25 0.00	153.99 5.65 0.00	171.05 6.36 0.13	191.15 7.72 0.11	186.41 7.73 -4.45	291.91 14.16 -2.02	196.35 9.74 -1.09	175.84 8.41 0.00	200.18 8.81 -5.66	201.71 8.27 -17.38	205.27 8.83 -12.75	171.94 7.72 -5.43	105.07 4.42 0.00
GOWANUS_GT3_2 24123	178.82 4.73 0.00	148.92 4.16 0.00	158.19 4.41 0.00	177.26 4.88 0.00	159.83 4.84 0.00	174.07 5.79 0.00	198.52 7.55 -0.12	262.59 11.79 0.00	173.81 8.41 0.00	147.75 7.55 0.00	152.65 7.30 -0.87	151.37 6.25 0.00	153.99 5.65 0.00	171.05 6.36 0.13	191.15 7.72 0.11	186.41 7.73 -4.45	291.91 14.16 -2.02	196.35 9.74 -1.09	175.84 8.41 0.00	200.18 8.81 -5.66	201.71 8.27 -17.38	205.27 8.83 -12.75	171.94 7.72 -5.43	105.07 4.42 0.00
GOWANUS_GT3_3 24124	178.82 4.73 0.00	148.92 4.16 0.00	158.19 4.41 0.00	177.26 4.88 0.00	159.83 4.84 0.00	174.07 5.79 0.00	198.52 7.55 -0.12	262.59 11.79 0.00	173.81 8.41 0.00	147.75 7.55 0.00	152.65 7.30 -0.87	151.37 6.25 0.00	153.99 5.65 0.00	171.05 6.36 0.13	191.15 7.72 0.11	186.41 7.73 -4.45	291.91 14.16 -2.02	196.35 9.74 -1.09	175.84 8.41 0.00	200.18 8.81 -5.66	201.71 8.27 -17.38	205.27 8.83 -12.75	171.94 7.72 -5.43	105.07 4.42 0.00
GOWANUS_GT3_4 24125	178.82 4.73 0.00	148.92 4.16 0.00	158.19 4.41 0.00	177.26 4.88 0.00	159.83 4.84 0.00	174.07 5.79 0.00	198.52 7.55 -0.12	262.59 11.79 0.00	173.81 8.41 0.00	147.75 7.55 0.00	152.65 7.30 -0.87	151.37 6.25 0.00	153.99 5.65 0.00	171.05 6.36 0.13	191.15 7.72 0.11	186.41 7.73 -4.45	291.91 14.16 -2.02	196.35 9.74 -1.09	175.84 8.41 0.00	200.18 8.81 -5.66	201.71 8.27 -17.38	205.27 8.83 -12.75	171.94 7.72 -5.43	1

GOWANUS_GT4_5 24134	178.96 4.88 0.00	148.98 4.22 0.00	158.24 4.45 0.00	177.28 4.90 0.00	159.87 4.88 0.00	174.12 5.85 0.00	198.73 7.76 -0.12	262.80 12.00 0.00	173.96 8.56 0.00	147.81 7.62 0.00	152.72 7.37 -0.87	151.41 6.30 0.00	154.04 5.71 0.00	171.17 6.47 0.13	191.27 7.85 0.11	186.50 7.82 -4.45	292.14 14.39 -2.02	196.53 9.92 -1.09	176.04 8.61 0.00	200.33 8.96 -5.66	201.85 8.41 -17.38	205.44 9.00 -12.75	172.03 7.81 -5.43	105.13 4.48 0.00
GOWANUS_GT4_6 24135	178.96 4.88 0.00	148.98 4.22 0.00	158.24 4.45 0.00	177.28 4.90 0.00	159.87 4.88 0.00	174.12 5.85 0.00	198.73 7.76 -0.12	262.80 12.00 0.00	173.96 8.56 0.00	147.81 7.62 0.00	152.72 7.37 -0.87	151.41 6.30 0.00	154.04 5.71 0.00	171.17 6.47 0.13	191.27 7.85 0.11	186.50 7.82 -4.45	292.14 14.39 -2.02	196.53 9.92 -1.09	176.04 8.61 0.00	200.33 8.96 -5.66	201.85 8.41 -17.38	205.44 9.00 -12.75	172.03 7.81 -5.43	105.13 4.48 0.00
GOWANUS_GT4_7 24136	178.96 4.88 0.00	148.98 4.22 0.00	158.24 4.45 0.00	177.28 4.90 0.00	159.87 4.88 0.00	174.12 5.85 0.00	198.73 7.76 -0.12	262.80 12.00 0.00	173.96 8.56 0.00	147.81 7.62 0.00	152.72 7.37 -0.87	151.41 6.30 0.00	154.04 5.71 0.00	171.17 6.47 0.13	191.27 7.85 0.11	186.50 7.82 -4.45	292.14 14.39 -2.02	196.53 9.92 -1.09	176.04 8.61 0.00	200.33 8.96 -5.66	201.85 8.41 -17.38	205.44 9.00 -12.75	172.03 7.81 -5.43	105.13 4.48 0.00
GOWANUS_GT4_8 24137	178.96 4.88 0.00	148.98 4.22 0.00	158.24 4.45 0.00	177.28 4.90 0.00	159.87 4.88 0.00	174.12 5.85 0.00	198.73 7.76 -0.12	262.80 12.00 0.00	173.96 8.56 0.00	147.81 7.62 0.00	152.72 7.37 -0.87	151.41 6.30 0.00	154.04 5.71 0.00	171.17 6.47 0.13	191.27 7.85 0.11	186.50 7.82 -4.45	292.14 14.39 -2.02	196.53 9.92 -1.09	176.04 8.61 0.00	200.33 8.96 -5.66	201.85 8.41 -17.38	205.44 9.00 -12.75	172.03 7.81 -5.43	105.13 4.48 0.00
GREATVRV_69_KV_BK1 356245	191.60 9.79 -7.72	154.30 8.15 -1.39	166.78 8.54 -4.45	183.33 8.88 -2.07	169.14 9.60 -4.55	186.08 11.17 -6.64	212.41 12.98 -8.58	285.18 15.47 -18.91	184.39 12.54 -6.45	154.09 11.77 -2.13	159.37 10.97 -3.92	157.88 9.52 -3.24	160.74 8.83 -3.57	180.33 9.68 -5.82	204.55 12.37 -8.65	196.33 10.08 -12.01	297.32 17.41 -4.18	205.01 13.64 -5.85	187.80 13.26 -7.11	215.21 14.59 -14.90	215.16 12.76 -26.34	222.61 15.12 -23.80	183.57 12.61 -12.17	109.00 8.35 0.00
GREENBSH_115KV_TB3 55895	177.13 3.04 0.00	147.62 2.86 0.00	157.05 3.27 0.00	175.83 3.45 0.00	158.27 3.28 0.00	172.20 3.93 0.00	195.70 4.42 -0.43	256.38 5.58 0.00	169.12 3.72 0.00	143.61 3.42 0.00	152.01 4.42 -3.11	149.44 4.33 0.00	152.51 4.17 0.00	169.72 4.90 0.00	188.70 5.16 0.00	199.58 5.40 -19.95	291.75 8.03 -7.99	194.35 5.03 -3.81	171.42 3.99 0.00	210.28 4.75 -19.82	241.84 4.94 -60.84	237.77 5.47 -48.61	187.58 4.90 -23.89	103.76 3.11 0.00
GREENDGE_115KV_TB5 80291	177.04 2.96 0.00	145.77 1.01 0.00	154.82 1.04 0.00	173.04 0.66 0.00	154.67 -0.32 0.00	165.98 -2.29 0.00	255.12 -7.71 -71.99	81.18 -14.24 155.39	-45.87 -8.53 202.73	132.32 -8.05 -0.18	135.74 -8.95 -0.21	135.87 -9.24 0.00	138.73 -9.60 0.00	151.94 -12.30 0.59	171.44 -11.60 0.50	156.75 -11.67 5.81	301.26 -16.73 -42.25	223.36 -11.77 -49.61	244.52 -10.49 -87.58	269.37 -12.30 -95.95	259.87 -12.26 -96.06	239.27 -13.96 -69.55	138.71 -12.41 7.67	92.61 -8.01 0.02
GREENIDGE___3 23582	177.04 2.96 0.00	145.77 1.01 0.00	154.82 1.04 0.00	173.04 0.66 0.00	154.67 -0.32 0.00	165.98 -2.29 0.00	255.12 -7.71 -71.99	81.18 -14.24 155.39	-45.87 -8.53 202.73	132.32 -8.05 -0.18	135.74 -8.95 -0.21	135.87 -9.24 0.00	138.73 -9.60 0.00	151.94 -12.30 0.59	171.44 -11.60 0.50	156.75 -11.67 5.81	301.26 -16.73 -42.25	223.36 -11.77 -49.61	244.52 -10.49 -87.58	269.37 -12.30 -95.95	259.87 -12.26 -96.06	239.27 -13.96 -69.55	138.71 -12.41 7.67	92.61 -8.01 0.02
GREENIDGE___4 23583	177.13 2.97 -0.07	147.36 1.03 -1.58	154.82 1.04 0.00	173.04 0.66 0.00	154.69 -0.30 0.00	166.01 -2.26 0.00	255.03 -7.80 -71.99	80.81 -14.60 155.38	-46.36 -9.02 202.73	132.31 -8.06 -0.18	135.74 -8.95 -0.21	135.87 -9.24 0.00	138.72 -9.61 0.00	151.94 -12.29 0.59	171.44 -11.60 0.50	156.82 -11.60 5.81	301.21 -16.78 -42.25	223.28 -11.85 -49.61	244.52 -10.49 -87.58	269.34 -12.32 -95.95	259.82 -12.30 -96.06	239.20 -14.03 -69.55	138.69 -12.43 7.67	92.61 -8.01 0.02
GREENLWN_69_KV_BK 3 55738	169.88 4.82 9.02	147.38 4.27 1.65	152.60 4.08 5.26	174.11 4.18 2.44	154.71 5.09 5.37	166.68 6.26 7.85	188.72 7.73 9.86	237.44 8.98 22.34	165.70 7.93 7.62	145.44 7.76 2.51	148.73 6.98 2.73	147.03 5.75 3.83	149.13 5.02 4.22	163.12 5.45 7.16	180.28 7.21 10.46	175.42 5.68 4.50	286.80 11.60 0.54	189.69 8.72 4.55	167.38 8.35 8.40	189.57 9.11 5.25	190.65 7.78 -6.81	193.08 9.69 0.30	164.52 8.27 2.54	106.84 6.20 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	178.96 4.88 0.00	148.98 4.22 0.00	158.24 4.45 0.00	177.28 4.90 0.00	159.87 4.88 0.00	174.12 5.85 0.00	198.73 7.76 -0.12	262.80 12.00 0.00	173.96 8.56 0.00	147.81 7.62 0.00	152.72 7.37 -0.87	151.41 6.30 0.00	154.04 5.71 0.00	171.17 6.47 0.13	191.27 7.85 0.11	186.50 7.82 -4.45	292.14 14.39 -2.02	196.53 9.92 -1.09	176.04 8.61 0.00	200.33 8.96 -5.66	201.85 8.41 -17.38	205.44 9.00 -12.75	172.03 7.81 -5.43	105.13 4.48 0.00
GRISSOM___SOLAR 323813	181.66 7.58 0.00	151.02 6.26 0.00	160.36 6.58 0.00	179.63 7.25 0.00	161.69 6.69 0.00	175.99 7.72 0.00	201.71 10.25 -0.62	264.76 13.95 0.00	172.59 7.19 0.00	143.34 3.15 0.00	151.58 2.68 -4.42	148.34 3.23 0.00	151.95 3.62 0.00	169.96 5.26 0.12	189.99 6.56 0.10	208.63 7.11 -27.28	299.85 12.98 -11.13	200.25 9.31 -5.43	175.99 8.56 0.00	223.30 9.35 -28.24	271.19 8.41 -86.72	260.49 8.59 -68.21	198.96 7.44 -32.73	104.87 4.22 0.00
GROVEVILLE___HYD 323602	181.35 7.27 0.00	150.51 5.75 0.00	160.11 6.33 0.00	179.48 7.10 0.00	161.72 6.73 0.00	176.00 7.72 0.00	200.81 9.84 -0.12	265.53 14.73 0.00	175.23 9.83 0.00	148.39 8.20 0.00	153.28 7.93 -0.88	152.35 7.24 0.00	155.19 6.86 0.00	172.61 7.91 0.13	192.66 9.23 0.11	187.99 9.27 -4.49	294.31 16.54 -2.03	197.70 11.08 -1.10	177.28 9.85 0.00	201.79 10.38 -5.70	203.21 9.64 -17.51	207.11 10.57 -12.85	173.49 9.22 -5.48	106.00 5.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	171.10 -2.98 0.00	141.79 -2.97 0.00	150.67 -3.12 0.00	168.88 -3.50 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	187.91 -3.91 -0.97	258.36 -5.11 -12.67	177.78 -3.48 -15.86	137.11 -3.48 -0.40	140.84 -3.64 0.00	141.44 -3.67 0.00	144.80 -3.53 0.00	160.40 -4.06 0.35	179.35 -3.89 0.30	167.29 -3.74 3.20	270.92 -5.25 -0.44	184.28 -3.48 -2.25	164.29 -3.14 0.00	182.07 -3.64 0.00	172.28 -3.79 0.00	177.14 -4.16 2.39	151.93 -3.85 3.02	98.25 -2.40 0.00
HAMLTNNY_34_KV_TB 80303	171.59 -2.49 0.00	142.07 -2.69 0.00	150.89 -2.89 0.00	168.99 -3.39 0.00	151.84 -3.15 0.00	164.33 -3.94 0.00	187.77 -4.01 -0.93	257.62 -5.34 -12.15	177.27 -3.59 -15.47	136.85 -3.72 -0.39	140.50 -3.98 0.00	141.22 -3.89 0.00	144.69 -3.65 0.00	160.32 -4.14 0.37	179.18 -4.04 0.31	167.13 -3.77 3.34	271.08 -5.03 -0.37	184.31 -3.38 -2.18	164.50 -2.93 0.00	182.31 -3.40 0.00	172.35 -3.71 0.00	176.89 -4.26 2.54	151.67 -3.92 3.20	98.20 -2.46 0.00

HAMPSHIRE___PAPER_HYD 323593	180.55 6.47 0.00	150.12 5.36 0.00	159.69 5.91 0.00	179.04 6.66 0.00	160.60 5.61 0.00	173.50 5.23 0.00	196.55 5.70 0.00	256.90 6.10 0.00	168.81 3.41 0.00	142.46 2.27 0.00	147.93 3.46 0.00	149.55 4.44 0.00	152.43 4.10 0.00	168.17 3.35 0.00	185.69 2.15 0.00	175.37 1.14 0.00	275.38 -0.35 0.00	186.52 1.01 0.00	168.68 1.25 0.00	186.40 0.69 0.00	176.20 0.14 0.00	183.92 0.23 0.00	159.21 0.43 0.00	101.26 0.61 0.00
HARDSCRABBLE_WT_PWR 323673	185.72 11.64 0.00	154.35 9.59 0.00	164.08 10.30 0.00	183.72 11.34 0.00	165.59 10.60 0.00	180.39 12.12 0.00	204.51 13.66 0.00	269.01 18.21 0.00	175.83 10.43 0.00	146.88 6.69 0.00	151.01 6.53 0.00	152.12 7.00 0.00	155.25 6.91 0.00	173.25 8.43 0.00	193.21 9.67 0.00	184.11 9.88 0.00	292.41 16.68 0.00	196.32 10.81 0.00	177.35 9.92 0.00	196.67 10.96 0.00	186.36 10.30 0.00	194.48 10.79 0.00	168.28 9.49 0.00	106.26 5.60 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	178.99 4.90 0.00	148.87 4.11 0.00	158.43 4.65 0.00	177.66 5.28 0.00	160.10 5.11 0.00	174.12 5.85 0.00	198.55 7.58 -0.11	262.56 11.76 0.00	173.20 7.80 0.00	146.69 6.50 0.00	151.53 6.24 -0.81	150.68 5.57 0.00	153.48 5.15 0.00	170.61 5.92 0.13	190.59 7.17 0.11	185.43 7.19 -4.00	290.82 13.24 -1.84	195.41 8.88 -1.01	175.27 7.84 0.00	199.11 8.15 -5.25	199.80 7.62 -16.12	203.77 8.38 -11.70	170.97 7.29 -4.89	104.82 4.17 0.00
HARSNRAD_115KV_TB1 81005	162.48 -11.60 0.00	134.35 -10.41 0.00	141.55 -12.23 0.00	157.49 -14.89 0.00	139.87 -15.12 0.00	146.10 -22.18 0.00	122.53 -28.06 40.26	108.19 -39.65 102.96	62.34 -25.82 77.24	116.49 -19.82 3.88	123.72 -20.76 0.00	125.11 -20.00 0.00	129.55 -18.79 0.00	141.12 -23.08 0.63	158.11 -24.89 0.54	143.33 -24.78 6.13	211.82 -38.90 25.01	126.78 -24.15 34.59	117.93 -20.94 28.56	131.75 -23.11 30.85	125.06 -21.05 29.95	125.80 -22.60 35.29	126.30 -19.46 13.03	89.44 -11.20 0.00
HARZA MOOSE___RIVER 24016	184.30 10.21 0.00	152.64 7.88 0.00	162.34 8.56 0.00	182.01 9.63 0.00	163.44 8.45 0.00	177.10 8.82 0.00	201.43 10.58 0.00	264.20 13.39 0.00	173.50 8.10 0.00	145.93 5.74 0.00	151.15 6.67 0.00	152.66 7.55 0.00	155.37 7.04 0.00	172.01 7.19 0.00	189.94 6.41 0.00	179.76 5.53 0.00	282.94 7.20 0.00	191.70 6.18 0.00	173.06 5.63 0.00	190.61 4.89 0.00	179.89 3.83 0.00	187.18 3.49 0.00	161.86 3.08 0.00	102.46 1.81 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	169.76 -4.32 0.00	140.83 -3.93 0.00	149.58 -4.20 0.00	167.58 -4.80 0.00	150.55 -4.44 0.00	163.06 -5.21 0.00	185.14 -5.71 0.00	245.00 -7.49 -1.69	173.01 -4.99 -12.59	136.00 -4.51 -0.31	139.71 -4.77 0.00	140.34 -4.77 0.00	143.63 -4.71 0.00	158.85 -5.26 0.71	177.66 -5.27 0.60	162.51 -5.12 6.60	266.56 -7.70 1.47	180.40 -5.12 0.00	162.76 -4.67 0.00	180.37 -5.35 0.00	170.78 -5.28 0.00	171.69 -5.68 6.32	145.91 -5.13 7.75	97.45 -3.20 0.00
HELLGATE_13_KV_LD 55870	179.88 5.80 0.00	149.84 5.09 0.00	159.12 5.34 0.00	178.19 5.81 0.00	160.75 5.76 0.00	174.92 6.65 0.00	199.63 8.65 -0.12	264.23 13.42 0.00	175.01 9.61 0.00	148.84 8.65 0.00	153.71 8.36 -0.87	152.44 7.33 0.00	155.08 6.74 0.00	172.17 7.47 0.13	192.24 8.81 0.11	187.46 8.78 -4.45	293.75 15.99 -2.02	197.74 11.14 -1.09	177.24 9.81 0.00	201.63 10.26 -5.66	203.08 9.64 -17.38	206.74 10.30 -12.75	173.19 8.98 -5.43	105.91 5.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	179.88 5.80 0.00	149.84 5.09 0.00	159.12 5.34 0.00	178.19 5.81 0.00	160.75 5.76 0.00	174.92 6.65 0.00	199.63 8.65 -0.12	264.23 13.42 0.00	175.01 9.61 0.00	148.84 8.65 0.00	153.71 8.36 -0.87	152.44 7.33 0.00	155.08 6.74 0.00	172.17 7.47 0.13	192.24 8.81 0.11	187.46 8.78 -4.45	293.75 15.99 -2.02	197.74 11.14 -1.09	177.24 9.81 0.00	201.63 10.26 -5.66	203.08 9.64 -17.38	206.74 10.30 -12.75	173.19 8.98 -5.43	105.91 5.26 0.00
HEMPSTEAD____ 23647	179.15 5.07 0.00	149.29 4.53 0.00	158.49 4.70 0.00	177.32 4.94 0.00	160.46 5.47 0.00	174.84 6.56 0.00	199.28 8.30 -0.12	261.77 10.97 0.00	174.10 8.70 0.00	148.24 8.04 0.00	152.85 7.50 -0.87	151.49 6.37 0.00	154.09 5.76 0.00	170.95 6.26 0.13	191.18 7.76 0.11	185.49 6.81 -4.45	290.99 13.24 -2.02	196.14 9.54 -1.09	176.25 8.82 0.00	201.09 9.72 -5.66	202.06 8.62 -17.38	206.42 9.97 -12.75	172.73 8.51 -5.43	106.30 5.65 0.00
HICKLING___1 23621	172.09 -1.99 0.00	141.71 -3.05 0.00	150.53 -3.25 0.00	168.19 -4.19 0.00	150.18 -4.81 0.00	161.03 -7.24 0.00	200.45 -10.08 -19.68	111.62 -15.21 123.98	9.83 -10.37 145.20	131.44 -6.98 1.76	137.30 -7.41 -0.23	137.53 -7.58 0.00	140.94 -7.39 0.00	153.79 -10.44 0.59	172.85 -10.19 0.50	158.42 -10.79 5.03	268.99 -15.30 -8.56	181.10 -11.07 -6.66	188.30 -9.72 -30.59	208.84 -11.39 -34.51	201.40 -11.28 -36.62	190.71 -12.60 -19.62	137.99 -11.03 9.77	93.82 -6.82 0.01
HICKLING___2 23622	172.09 -1.99 0.00	141.71 -3.05 0.00	150.53 -3.25 0.00	168.19 -4.19 0.00	150.18 -4.81 0.00	161.03 -7.24 0.00	200.45 -10.08 -19.68	111.62 -15.21 123.98	9.83 -10.37 145.20	131.44 -6.98 1.76	137.30 -7.41 -0.23	137.53 -7.58 0.00	140.94 -7.39 0.00	153.79 -10.44 0.59	172.85 -10.19 0.50	158.42 -10.79 5.03	268.99 -15.30 -8.56	181.10 -11.07 -6.66	188.30 -9.72 -30.59	208.84 -11.39 -34.51	201.40 -11.28 -36.62	190.71 -12.60 -19.62	137.99 -11.03 9.77	93.82 -6.82 0.01
HIGH FALLS___HY 23754	180.92 6.84 0.00	150.30 5.53 0.00	159.86 6.08 0.00	179.40 7.02 0.00	161.63 6.64 0.00	175.95 7.68 0.00	201.01 10.01 -0.15	266.28 15.47 0.00	175.72 10.32 0.00	148.36 8.16 0.00	152.77 7.26 -1.03	151.40 6.29 0.00	154.11 5.78 0.00	171.84 7.14 0.12	192.10 8.67 0.11	188.42 8.68 -5.50	294.44 16.27 -2.43	197.88 11.09 -1.28	177.29 9.86 0.00	202.63 10.24 -6.68	205.88 9.32 -20.49	209.15 10.21 -15.25	174.26 8.80 -6.68	105.63 4.98 0.00
HIGH_RIVER___SOLAR 323847	180.36 6.28 0.00	149.94 5.18 0.00	159.23 5.44 0.00	178.41 6.03 0.00	160.54 5.55 0.00	174.68 6.41 0.00	200.10 8.62 -0.63	262.72 11.92 0.00	171.42 6.02 0.00	143.11 2.92 0.00	151.33 2.35 -4.51	147.59 2.48 0.00	151.12 2.79 0.00	168.30 3.59 0.12	188.07 4.64 0.10	207.75 5.63 -27.89	297.90 10.80 -11.37	198.75 7.70 -5.53	174.63 7.20 0.00	222.28 7.76 -28.80	271.45 6.96 -88.43	260.47 7.16 -69.62	198.43 6.19 -33.45	104.14 3.49 0.00
HILLBURN___GT 23639	177.95 3.87 0.00	148.02 3.27 0.00	157.61 3.83 0.00	176.81 4.43 0.00	159.33 4.34 0.00	173.31 5.03 0.00	197.47 6.50 -0.12	261.37 10.57 0.00	172.48 7.08 0.00	146.15 5.96 0.00	151.01 5.71 -0.82	150.10 4.99 0.00	152.85 4.52 0.00	169.72 5.02 0.13	189.53 6.11 0.11	184.54 6.21 -4.10	288.74 11.12 -1.88	194.20 7.65 -1.03	174.23 6.80 0.00	198.09 7.04 -5.34	199.07 6.62 -16.39	202.94 7.33 -11.93	170.27 6.48 -5.01	104.34 3.68 0.00
HILLSIDE_115KV_TB1 80332	169.21 -4.87 0.00	139.40 -5.36 0.00	148.25 -5.54 0.00	165.86 -6.52 0.00	148.29 -6.70 0.00	159.64 -8.63 0.00	193.73 -11.36 -14.24	116.45 -17.22 117.13	18.13 -11.79 135.48	130.36 -7.94 1.89	136.34 -8.37 -0.24	136.57 -8.55 0.00	140.03 -8.31 0.00	153.08 -11.16 0.58	171.90 -11.15 0.49	157.75 -11.63 4.86	264.42 -16.62 -5.30	175.91 -12.12 -2.51	181.25 -10.54 -24.36	201.33 -12.22 -27.84	194.21 -12.09 -30.24	184.98 -13.18 -14.46	137.61 -11.46 9.72	93.53 -7.10 0.01

HISHELDN_WT_PWR 323625	166.63 -7.39 0.07	136.38 -6.96 1.42	145.56 -8.22 0.00	161.97 -10.41 0.00	143.48 -11.51 0.00	150.32 -17.95 0.01	60.88 -23.19 106.77	63.16 -32.97 154.68	23.53 -21.56 120.31	115.01 -16.36 8.82	127.30 -17.17 0.00	128.14 -16.97 0.00	132.06 -16.27 0.00	144.04 -20.17 0.62	161.58 -21.43 0.53	146.06 -21.98 6.20	164.66 -33.71 77.37	54.86 -22.10 108.56	49.40 -19.65 98.38	57.29 -22.17 106.25	52.10 -20.79 103.17	56.90 -22.67 104.11	115.46 -19.42 23.91	89.14 -11.51 0.01
HOLTSVILLE_IC_1 23690	190.65 5.67 -10.90	151.84 5.09 -2.00	165.16 5.00 -6.38	180.36 5.02 -2.96	167.73 6.23 -6.51	185.29 7.50 -9.52	211.52 8.44 -12.23	285.92 8.03 -27.08	182.74 8.11 -9.24	151.93 8.70 -3.04	157.52 7.81 -5.23	156.08 6.33 -4.64	159.02 5.57 -5.11	179.23 6.01 -8.39	203.94 7.97 -12.44	194.57 5.05 -15.28	290.66 9.82 -5.11	201.16 7.73 -7.91	185.69 8.07 -10.18	213.56 8.95 -18.89	213.89 7.62 -30.20	222.84 10.58 -28.57	183.25 9.38 -15.08	107.46 6.80 0.00
HOLTSVILLE_IC_10 23699	189.89 6.93 -8.88	152.44 6.06 -1.62	165.02 6.05 -5.18	180.94 6.15 -2.41	167.59 7.32 -5.29	184.69 8.68 -7.73	209.97 9.15 -9.96	280.40 7.59 -22.01	181.80 8.89 -7.51	152.35 9.69 -2.47	157.65 8.76 -4.42	156.09 7.21 -3.77	158.95 6.46 -4.16	178.61 6.99 -6.80	202.79 9.17 -10.09	193.11 5.63 -13.25	289.87 9.60 -4.53	200.21 8.05 -6.64	184.64 8.93 -8.28	212.33 10.20 -16.42	212.66 8.80 -27.80	221.30 12.01 -25.61	182.53 10.47 -13.28	108.07 7.42 0.00
HOLTSVILLE_IC_2 23691	190.65 5.67 -10.90	151.84 5.09 -2.00	165.16 5.00 -6.38	180.36 5.02 -2.96	167.73 6.23 -6.51	185.29 7.50 -9.52	211.52 8.44 -12.23	285.92 8.03 -27.08	182.74 8.11 -9.24	151.93 8.70 -3.04	157.52 7.81 -5.23	156.08 6.33 -4.64	159.02 5.57 -5.11	179.23 6.01 -8.39	203.94 7.97 -12.44	194.57 5.05 -15.28	290.66 9.82 -5.11	201.16 7.73 -7.91	185.69 8.07 -10.18	213.56 8.95 -18.89	213.89 7.62 -30.20	222.84 10.58 -28.57	183.25 9.38 -15.08	107.46 6.80 0.00
HOLTSVILLE_IC_3 23692	190.65 5.67 -10.90	151.84 5.09 -2.00	165.16 5.00 -6.38	180.36 5.02 -2.96	167.73 6.23 -6.51	185.29 7.50 -9.52	211.52 8.44 -12.23	285.92 8.03 -27.08	182.74 8.11 -9.24	151.93 8.70 -3.04	157.52 7.81 -5.23	156.08 6.33 -4.64	159.02 5.57 -5.11	179.23 6.01 -8.39	203.94 7.97 -12.44	194.57 5.05 -15.28	290.66 9.82 -5.11	201.16 7.73 -7.91	185.69 8.07 -10.18	213.56 8.95 -18.89	213.89 7.62 -30.20	222.84 10.58 -28.57	183.25 9.38 -15.08	107.46 6.80 0.00
HOLTSVILLE_IC_4 23693	190.65 5.67 -10.90	151.84 5.09 -2.00	165.16 5.00 -6.38	180.36 5.02 -2.96	167.73 6.23 -6.51	185.29 7.50 -9.52	211.52 8.44 -12.23	285.92 8.03 -27.08	182.74 8.11 -9.24	151.93 8.70 -3.04	157.52 7.81 -5.23	156.08 6.33 -4.64	159.02 5.57 -5.11	179.23 6.01 -8.39	203.94 7.97 -12.44	194.57 5.05 -15.28	290.66 9.82 -5.11	201.16 7.73 -7.91	185.69 8.07 -10.18	213.56 8.95 -18.89	213.89 7.62 -30.20	222.84 10.58 -28.57	183.25 9.38 -15.08	107.46 6.80 0.00
HOLTSVILLE_IC_5 23694	190.65 5.67 -10.90	151.84 5.09 -2.00	165.16 5.00 -6.38	180.36 5.02 -2.96	167.73 6.23 -6.51	185.29 7.50 -9.52	211.52 8.44 -12.23	285.92 8.03 -27.08	182.74 8.11 -9.24	151.93 8.70 -3.04	157.52 7.81 -5.23	156.08 6.33 -4.64	159.02 5.57 -5.11	179.23 6.01 -8.39	203.94 7.97 -12.44	194.57 5.05 -15.28	290.66 9.82 -5.11	201.16 7.73 -7.91	185.69 8.07 -10.18	213.56 8.95 -18.89	213.89 7.62 -30.20	222.84 10.58 -28.57	183.25 9.38 -15.08	107.46 6.80 0.00
HOLTSVILLE_IC_6 23695	189.89 6.93 -8.88	152.44 6.06 -1.62	165.02 6.05 -5.18	180.94 6.15 -2.41	167.59 7.32 -5.29	184.69 8.68 -7.73	209.97 9.15 -9.96	280.40 7.59 -22.01	181.80 8.89 -7.51	152.35 9.69 -2.47	157.65 8.76 -4.42	156.09 7.21 -3.77	158.95 6.46 -4.16	178.61 6.99 -6.80	202.79 9.17 -10.09	193.11 5.63 -13.25	289.87 9.60 -4.53	200.21 8.05 -6.64	184.64 8.93 -8.28	212.33 10.20 -16.42	212.66 8.80 -27.80	221.30 12.01 -25.61	182.53 10.47 -13.28	108.07 7.42 0.00
HOLTSVILLE_IC_7 23696	189.89 6.93 -8.88	152.44 6.06 -1.62	165.02 6.05 -5.18	180.94 6.15 -2.41	167.59 7.32 -5.29	184.69 8.68 -7.73	209.97 9.15 -9.96	280.40 7.59 -22.01	181.80 8.89 -7.51	152.35 9.69 -2.47	157.65 8.76 -4.42	156.09 7.21 -3.77	158.95 6.46 -4.16	178.61 6.99 -6.80	202.79 9.17 -10.09	193.11 5.63 -13.25	289.87 9.60 -4.53	200.21 8.05 -6.64	184.64 8.93 -8.28	212.33 10.20 -16.42	212.66 8.80 -27.80	221.30 12.01 -25.61	182.53 10.47 -13.28	108.07 7.42 0.00
HOLTSVILLE_IC_8 23697	189.89 6.93 -8.88	152.44 6.06 -1.62	165.02 6.05 -5.18	180.94 6.15 -2.41	167.59 7.32 -5.29	184.69 8.68 -7.73	209.97 9.15 -9.96	280.40 7.59 -22.01	181.80 8.89 -7.51	152.35 9.69 -2.47	157.65 8.76 -4.42	156.09 7.21 -3.77	158.95 6.46 -4.16	178.61 6.99 -6.80	202.79 9.17 -10.09	193.11 5.63 -13.25	289.87 9.60 -4.53	200.21 8.05 -6.64	184.64 8.93 -8.28	212.33 10.20 -16.42	212.66 8.80 -27.80	221.30 12.01 -25.61	182.53 10.47 -13.28	108.07 7.42 0.00
HOLTSVILLE_IC_9 23698	189.89 6.93 -8.88	152.44 6.06 -1.62	165.02 6.05 -5.18	180.94 6.15 -2.41	167.59 7.32 -5.29	184.69 8.68 -7.73	209.97 9.15 -9.96	280.40 7.59 -22.01	181.80 8.89 -7.51	152.35 9.69 -2.47	157.65 8.76 -4.42	156.09 7.21 -3.77	158.95 6.46 -4.16	178.61 6.99 -6.80	202.79 9.17 -10.09	193.11 5.63 -13.25	289.87 9.60 -4.53	200.21 8.05 -6.64	184.64 8.93 -8.28	212.33 10.20 -16.42	212.66 8.80 -27.80	221.30 12.01 -25.61	182.53 10.47 -13.28	108.07 7.42 0.00
HOMER_HL_115KV_TB2 355744	168.35 -5.73 0.00	138.64 -6.12 0.00	147.03 -6.75 0.00	164.11 -8.26 0.00	145.22 -9.78 0.00	153.36 -14.91 0.00	166.42 -19.39 5.04	162.28 -24.42 64.11	80.90 -16.81 67.69	126.59 -11.91 1.69	132.20 -12.28 0.00	133.37 -11.75 0.00	136.80 -11.53 0.00	149.67 -14.54 0.62	167.64 -15.37 0.52	152.26 -15.81 6.17	245.24 -24.01 6.48	158.49 -17.10 9.93	152.51 -14.92 0.00	168.30 -17.41 0.00	159.90 -16.16 0.00	157.56 -17.21 8.91	133.40 -14.85 10.53	91.70 -8.95 0.01
HOWARD_WT_PWR 323690	174.26 0.16 -0.01	143.46 -1.59 -0.29	151.40 -2.38 0.00	168.27 -4.10 0.00	149.21 -5.78 0.00	157.47 -10.80 0.00	292.21 -16.15 -117.51	181.87 -24.62 44.32	48.27 -15.15 101.98	133.39 -11.75 -4.95	132.73 -11.94 -0.19	132.88 -12.23 0.00	134.26 -14.07 0.00	146.32 -17.91 0.60	164.60 -18.43 0.51	149.84 -18.92 5.48	322.33 -29.78 -76.38	265.92 -20.17 -100.57	275.08 -18.21 -125.86	302.15 -20.73 -137.16	292.18 -19.67 -135.80	272.63 -21.58 -110.52	142.01 -18.87 -2.10	88.55 -12.09 0.02
HQ_GEN_CEDARS 23644	178.17 4.09 0.00	148.32 3.56 0.00	157.34 3.56 0.00	176.51 4.13 0.00	158.76 3.77 0.00	172.33 4.05 0.00	194.73 3.88 0.00	255.23 4.43 0.00	168.39 3.00 0.00	143.02 2.82 0.00	147.77 3.29 0.00	149.51 4.39 0.00	152.91 4.57 0.00	169.27 4.45 0.00	188.05 4.52 0.00	178.01 3.78 0.00	281.17 5.43 0.00	189.70 4.18 0.00	171.57 4.14 0.00	190.61 4.89 0.00	180.70 4.64 0.00	188.25 4.56 0.00	162.79 4.00 0.00	103.46 2.81 0.00
HQ_GEN_CEDARS_PROXY 323590	178.17 4.09 0.00	148.32 3.56 0.00	157.34 3.56 0.00	176.50 4.12 0.00	158.76 3.77 0.00	172.33 4.05 0.00	194.76 3.91 0.00	255.23 4.42 0.00	168.39 2.99 0.00	143.02 2.82 0.00	147.76 3.28 0.00	149.51 4.39 0.00	152.91 4.57 0.00	169.27 4.44 0.00	188.05 4.51 0.00	178.01 3.78 0.00	281.17 5.43 0.00	189.70 4.18 0.00	171.57 4.14 0.00	190.60 4.89 0.00	180.69 4.63 0.00	188.25 4.56 0.00	162.79 4.00 0.00	103.46 2.81 0.00

HQ_GEN_IMPORT 323601	175.57 1.49 0.00	146.06 1.30 0.00	155.03 1.25 0.00	171.88 1.53 2.03	156.42 1.43 0.00	170.00 1.72 0.00	192.47 1.62 0.00	252.06 1.99 0.73	166.74 1.34 0.00	141.56 1.36 0.00	145.90 1.42 0.00	146.65 1.54 0.00	149.99 1.66 0.00	166.52 1.70 0.00	185.24 1.71 0.00	175.61 1.37 0.00	168.43 1.94 109.25	186.96 1.45 0.00	168.91 1.48 0.00	187.55 1.84 0.00	177.82 1.76 0.00	185.34 1.65 0.00	160.15 1.36 0.00	101.62 0.97 0.00
HQ_GEN_WHEEL 23651	175.57 1.49 0.00	146.06 1.30 0.00	155.03 1.25 0.00	171.88 1.53 2.03	156.42 1.43 0.00	170.00 1.72 0.00	192.47 1.62 0.00	252.06 1.99 0.73	166.74 1.34 0.00	141.56 1.36 0.00	145.90 1.42 0.00	146.65 1.54 0.00	149.99 1.66 0.00	166.52 1.70 0.00	185.24 1.71 0.00	175.61 1.37 0.00	168.43 1.94 109.25	186.96 1.45 0.00	168.91 1.48 0.00	187.55 1.84 0.00	177.82 1.76 0.00	185.34 1.65 0.00	160.15 1.36 0.00	101.62 0.97 0.00
HUDSON AVE_GT_3 23810	179.08 5.00 0.00	149.10 4.34 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.09 5.10 0.00	174.28 6.00 0.00	198.71 7.74 -0.12	262.86 12.05 0.00	173.95 8.56 0.00	147.98 7.79 0.00	152.85 7.50 -0.87	151.70 6.58 0.00	154.36 6.03 0.00	171.37 6.67 0.13	191.35 7.92 0.11	186.45 7.77 -4.44	291.92 14.17 -2.02	196.33 9.73 -1.09	175.97 8.54 0.00	200.29 8.92 -5.66	201.85 8.41 -17.38	205.77 9.34 -12.75	172.36 8.14 -5.43	105.36 4.70 0.00
HUDSON AVE_GT_4 23540	179.08 5.00 0.00	149.10 4.34 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.09 5.10 0.00	174.28 6.00 0.00	198.71 7.74 -0.12	262.86 12.05 0.00	173.95 8.56 0.00	147.98 7.79 0.00	152.85 7.50 -0.87	151.70 6.58 0.00	154.36 6.03 0.00	171.37 6.67 0.13	191.35 7.92 0.11	186.45 7.77 -4.44	291.92 14.17 -2.02	196.33 9.73 -1.09	175.97 8.54 0.00	200.29 8.92 -5.66	201.85 8.41 -17.38	205.77 9.34 -12.75	172.36 8.14 -5.43	105.36 4.70 0.00
HUDSON AVE_GT_5 23657	179.08 5.00 0.00	149.10 4.34 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.09 5.10 0.00	174.28 6.00 0.00	198.71 7.74 -0.12	262.86 12.05 0.00	173.95 8.56 0.00	147.98 7.79 0.00	152.85 7.50 -0.87	151.70 6.58 0.00	154.36 6.03 0.00	171.37 6.67 0.13	191.35 7.92 0.11	186.45 7.77 -4.44	291.92 14.17 -2.02	196.33 9.73 -1.09	175.97 8.54 0.00	200.29 8.92 -5.66	201.85 8.41 -17.38	205.77 9.34 -12.75	172.36 8.14 -5.43	105.36 4.70 0.00
HUDSON_AVE_10 24168	179.08 5.01 0.00	149.10 4.34 0.00	158.51 4.73 0.00	177.45 5.07 0.00	160.03 5.04 0.00	174.09 5.82 0.00	198.43 7.46 -0.12	262.55 11.75 0.00	173.74 8.34 0.00	147.86 7.67 0.00	152.68 7.33 -0.87	151.46 6.34 0.00	154.09 5.76 0.00	171.08 6.38 0.13	191.00 7.57 0.11	186.16 7.48 -4.44	291.51 13.76 -2.02	196.04 9.44 -1.09	175.73 8.30 0.00	199.99 8.62 -5.66	201.60 8.16 -17.38	205.44 9.00 -12.75	172.15 7.93 -5.43	105.22 4.57 0.00
HUDSON___115KV_TB 4 355613	181.89 7.80 0.00	151.47 6.71 0.00	161.10 7.31 0.00	180.48 8.11 0.00	162.51 7.53 0.00	176.83 8.55 0.00	201.42 10.21 -0.35	264.19 13.39 0.00	173.68 8.28 0.00	146.36 6.17 0.00	153.47 6.47 -2.53	151.20 6.08 0.00	154.59 6.25 0.00	172.77 8.04 0.10	192.69 9.23 0.08	199.30 9.75 -15.31	297.49 15.46 -6.30	199.15 10.54 -3.10	176.61 9.18 0.00	212.23 10.39 -16.13	236.09 10.50 -49.53	233.28 10.90 -38.69	186.47 9.32 -18.37	106.44 5.79 0.00
HUNTER MOUNT___DRP 323613	183.71 9.63 0.00	152.97 8.21 0.00	162.72 8.94 0.00	182.22 9.84 0.00	164.08 9.09 0.00	178.65 10.38 0.00	203.47 12.31 -0.31	266.90 16.09 0.00	175.26 9.86 0.00	147.47 7.27 0.00	154.24 7.58 -2.19	152.29 7.18 0.00	155.90 7.56 0.00	174.53 9.80 0.10	194.59 11.14 0.09	198.86 11.53 -13.10	299.12 17.96 -5.42	200.79 12.59 -2.68	178.47 11.04 0.00	211.95 12.26 -13.98	230.87 11.89 -42.91	229.32 12.26 -33.37	184.88 10.36 -15.73	107.18 6.53 0.00
HUNTINGTON_RES_REC 323705	177.39 5.73 2.42	149.32 5.00 0.44	157.27 4.90 1.41	176.68 4.95 0.65	159.51 5.96 1.44	173.45 7.28 2.10	196.77 8.47 2.55	253.59 8.77 5.97	171.69 8.33 2.04	148.01 8.49 0.67	152.01 7.62 0.09	150.30 6.21 1.03	152.66 5.46 1.13	168.76 5.94 2.01	188.55 7.89 2.88	181.90 5.62 -2.05	288.23 11.16 -1.33	193.86 8.76 0.42	173.99 8.81 2.25	198.20 9.75 -2.74	198.99 8.38 -14.55	203.68 10.73 -9.26	171.30 9.22 -3.30	107.46 6.81 0.00
HUNTLEY___63 23557	164.99 -9.09 0.00	136.25 -8.51 0.00	143.59 -10.20 0.00	159.86 -12.52 0.00	141.88 -13.11 0.00	148.39 -19.89 0.00	131.63 -25.47 33.75	148.16 -35.87 66.77	83.38 -23.49 58.53	118.86 -18.12 3.21	125.67 -18.81 0.00	127.21 -17.90 0.00	131.58 -16.76 0.00	143.36 -20.83 0.63	160.72 -22.28 0.54	145.66 -22.44 6.14	214.60 -34.80 26.34	127.69 -21.29 36.54	119.12 -18.35 29.96	132.87 -20.48 32.36	125.97 -18.67 31.42	126.13 -20.76 36.79	127.70 -17.70 13.39	90.47 -10.18 0.00
HUNTLEY___64 23558	164.99 -9.09 0.00	136.25 -8.51 0.00	143.59 -10.20 0.00	159.86 -12.52 0.00	141.88 -13.11 0.00	148.39 -19.89 0.00	131.63 -25.47 33.75	148.16 -35.87 66.77	83.38 -23.49 58.53	118.86 -18.12 3.21	125.67 -18.81 0.00	127.21 -17.90 0.00	131.58 -16.76 0.00	143.36 -20.83 0.63	160.72 -22.28 0.54	145.66 -22.44 6.14	214.60 -34.80 26.34	127.69 -21.29 36.54	119.12 -18.35 29.96	132.87 -20.48 32.36	125.97 -18.67 31.42	126.13 -20.76 36.79	127.70 -17.70 13.39	90.47 -10.18 0.00
HUNTLEY___65 23559	164.99 -9.09 0.00	136.25 -8.51 0.00	143.59 -10.20 0.00	159.86 -12.52 0.00	141.88 -13.11 0.00	148.39 -19.89 0.00	131.63 -25.47 33.75	148.16 -35.87 66.77	83.38 -23.49 58.53	118.86 -18.12 3.21	125.67 -18.81 0.00	127.21 -17.90 0.00	131.58 -16.76 0.00	143.36 -20.83 0.63	160.72 -22.28 0.54	145.66 -22.44 6.14	214.60 -34.80 26.34	127.69 -21.29 36.54	119.12 -18.35 29.96	132.87 -20.48 32.36	125.97 -18.67 31.42	126.13 -20.76 36.79	127.70 -17.70 13.39	90.47 -10.18 0.00
HUNTLEY___66 23560	164.99 -9.09 0.00	136.25 -8.51 0.00	143.59 -10.20 0.00	159.86 -12.52 0.00	141.88 -13.11 0.00	148.39 -19.89 0.00	131.63 -25.47 33.75	148.16 -35.87 66.77	83.38 -23.49 58.53	118.86 -18.12 3.21	125.67 -18.81 0.00	127.21 -17.90 0.00	131.58 -16.76 0.00	143.36 -20.83 0.63	160.72 -22.28 0.54	145.66 -22.44 6.14	214.60 -34.80 26.34	127.69 -21.29 36.54	119.12 -18.35 29.96	132.87 -20.48 32.36	125.97 -18.67 31.42	126.13 -20.76 36.79	127.70 -17.70 13.39	90.47 -10.18 0.00
HUNTLEY___67 23561	165.08 -9.00 0.00	136.40 -8.36 0.00	143.85 -9.94 0.00	160.05 -12.33 0.00	141.98 -13.01 0.00	148.65 -19.62 0.00	124.80 -25.32 40.73	137.48 -35.33 78.00	76.37 -23.04 65.99	118.87 -17.56 3.77	126.09 -18.39 0.00	127.53 -17.59 0.00	131.81 -16.52 0.00	143.73 -20.46 0.63	161.00 -22.00 0.54	145.97 -22.11 6.15	210.70 -34.37 30.66	121.47 -21.38 42.67	113.05 -18.54 35.84	126.43 -20.58 38.71	119.54 -18.94 37.59	120.03 -21.05 42.60	126.68 -17.79 14.32	90.41 -10.23 0.00
HUNTLEY___68 23562	165.08 -9.00 0.00	136.40 -8.36 0.00	143.85 -9.94 0.00	160.05 -12.33 0.00	141.98 -13.01 0.00	148.65 -19.62 0.00	124.80 -25.32 40.73	137.48 -35.33 78.00	76.37 -23.04 65.99	118.87 -17.56 3.77	126.09 -18.39 0.00	127.53 -17.59 0.00	131.81 -16.52 0.00	143.73 -20.46 0.63	161.00 -22.00 0.54	145.97 -22.11 6.15	210.70 -34.37 30.66	121.47 -21.38 42.67	113.05 -18.54 35.84	126.43 -20.58 38.71	119.54 -18.94 37.59	120.03 -21.05 42.60	126.68 -17.79 14.32	90.41 -10.23 0.00

HYLAND___LFGE 323620	161.56 -12.52 0.00	133.01 -11.75 0.00	140.47 -13.31 0.00	156.55 -15.83 0.00	139.97 -15.02 0.00	148.88 -19.40 0.00	299.62 -23.40 -132.17	260.82 -30.66 -40.68	131.74 -18.30 15.36	130.35 -17.44 -7.59	124.90 -19.57 0.00	124.06 -21.05 0.00	126.45 -21.88 0.00	141.44 -22.77 0.61	159.53 -23.48 0.52	145.87 -22.09 6.28	331.81 -32.49 -88.56	285.87 -21.12 -121.48	282.70 -18.93 -134.20	309.02 -21.64 -144.94	295.85 -20.96 -140.75	279.79 -23.74 -119.85	144.45 -20.82 -6.49	89.24 -11.41 0.01
INDECK___CORINTH 23802	187.20 13.12 0.00	156.16 11.40 0.00	166.38 12.60 0.00	186.08 13.70 0.00	167.75 12.76 0.00	182.95 14.68 0.00	209.42 17.85 -0.72	274.19 23.39 0.00	180.33 14.93 0.00	151.89 11.70 0.00	161.43 11.79 -5.16	157.10 11.98 0.00	160.01 11.68 0.00	178.36 13.54 0.00	198.65 15.12 0.00	222.32 14.94 -33.14	313.54 24.55 -13.26	208.42 16.59 -6.32	182.60 15.17 0.00	235.80 17.21 -32.88	292.71 15.68 -100.97	279.70 15.33 -80.68	211.46 13.02 -39.65	108.00 7.35 0.00
INDECK___ILION 23567	180.71 6.63 0.00	150.24 5.48 0.00	159.69 5.91 0.00	178.89 6.51 0.00	161.03 6.04 0.00	175.18 6.90 0.00	198.70 7.85 0.00	261.34 10.53 0.00	171.47 6.08 0.00	144.16 3.97 0.00	148.40 3.92 0.00	149.23 4.11 0.00	152.40 4.07 0.00	169.83 5.00 0.00	189.25 5.72 0.00	180.10 5.87 0.00	285.76 10.02 0.00	192.05 6.53 0.00	173.28 5.85 0.00	192.13 6.42 0.00	182.06 6.00 0.00	190.00 6.31 0.00	164.33 5.54 0.00	103.90 3.25 0.00
INDECK___OLEAN 23982	168.24 -5.67 0.17	135.02 -6.09 3.65	147.02 -6.77 0.00	164.08 -8.30 0.00	145.21 -9.77 0.00	153.36 -14.91 0.00	166.76 -19.05 5.04	162.37 -24.33 64.11	80.94 -16.77 67.69	126.55 -11.95 1.69	132.17 -12.31 0.00	133.33 -11.78 0.00	136.78 -11.55 0.00	149.71 -14.50 0.62	167.67 -15.34 0.52	152.39 -15.68 6.17	245.52 -23.73 6.48	158.68 -16.90 9.93	152.72 -14.71 0.00	168.45 -17.26 0.00	160.00 -16.06 0.00	157.65 -17.13 8.91	133.42 -14.83 10.53	91.69 -8.96 0.01
INDECK___OSWEGO 23783	166.83 -7.25 0.00	138.47 -6.29 0.00	147.09 -6.70 0.00	164.87 -7.51 0.00	148.11 -6.88 0.00	160.45 -7.83 0.00	182.10 -8.75 0.00	239.05 -11.75 0.00	157.53 -7.86 0.00	133.06 -7.13 0.00	137.08 -7.39 0.00	137.73 -7.38 0.00	140.92 -7.41 -0.57	157.35 -8.05 -0.49	175.49 -8.53 -0.49	171.28 -8.30 -5.34	264.03 -12.90 -1.19	177.00 -8.52 0.00	159.77 -7.66 0.00	177.01 -8.71 0.00	167.57 -8.49 0.00	179.69 -9.11 -5.11	157.06 -7.99 -6.27	95.55 -5.10 0.00
INDECK___YERKES 23781	164.81 -9.16 0.11	133.77 -8.55 2.44	143.50 -10.28 0.00	159.76 -12.62 0.00	141.80 -13.19 0.00	148.35 -19.91 0.00	132.10 -25.00 33.75	148.51 -35.53 66.77	83.61 -23.25 58.53	118.77 -18.22 3.21	125.58 -18.90 0.00	127.16 -17.95 0.00	131.44 -16.89 0.00	143.27 -20.93 0.63	160.70 -22.30 0.54	145.79 -22.31 6.14	214.88 -34.51 26.34	127.96 -21.02 36.54	119.33 -18.14 29.96	132.95 -20.40 32.36	126.08 -18.56 31.42	126.32 -20.57 36.79	127.66 -17.74 13.39	90.41 -10.24 0.00
INDIAN POINT_GT_1 24139	178.16 4.08 0.00	148.23 3.47 0.00	157.72 3.94 0.00	176.83 4.44 0.00	159.40 4.41 0.00	173.42 5.15 0.00	197.76 6.79 -0.12	261.49 10.69 0.00	172.69 7.30 0.00	146.48 6.29 0.00	151.37 6.03 -0.86	150.36 5.24 0.00	153.03 4.69 0.00	169.99 5.30 0.13	189.81 6.38 0.11	185.05 6.45 -4.37	289.75 12.03 -1.99	194.68 8.08 -1.07	174.52 7.09 0.00	198.67 7.36 -5.59	200.21 6.97 -17.17	204.05 7.79 -12.58	170.98 6.85 -5.34	104.60 3.95 0.00
INDIAN POINT_GT_2 23659	178.16 4.08 0.00	148.23 3.47 0.00	157.72 3.94 0.00	176.83 4.44 0.00	159.40 4.41 0.00	173.42 5.15 0.00	197.76 6.79 -0.12	261.49 10.69 0.00	172.69 7.30 0.00	146.48 6.29 0.00	151.37 6.03 -0.86	150.36 5.24 0.00	153.03 4.69 0.00	169.99 5.30 0.13	189.81 6.38 0.11	185.05 6.45 -4.37	289.75 12.03 -1.99	194.68 8.08 -1.07	174.52 7.09 0.00	198.67 7.36 -5.59	200.21 6.97 -17.17	204.05 7.79 -12.58	170.98 6.85 -5.34	104.60 3.95 0.00
INDIAN POINT_GT_3 24019	178.16 4.08 0.00	148.23 3.47 0.00	157.72 3.94 0.00	176.83 4.44 0.00	159.40 4.41 0.00	173.42 5.15 0.00	197.76 6.79 -0.12	261.49 10.69 0.00	172.69 7.30 0.00	146.48 6.29 0.00	151.37 6.03 -0.86	150.36 5.24 0.00	153.03 4.69 0.00	169.99 5.30 0.13	189.81 6.38 0.11	185.05 6.45 -4.37	289.75 12.03 -1.99	194.68 8.08 -1.07	174.52 7.09 0.00	198.67 7.36 -5.59	200.21 6.97 -17.17	204.05 7.79 -12.58	170.98 6.85 -5.34	104.60 3.95 0.00
INDIAN POINT___2 23530	177.82 3.74 0.00	147.99 3.23 0.00	157.52 3.74 0.00	176.59 4.21 0.00	159.18 4.19 0.00	173.15 4.88 0.00	197.29 6.32 -0.12	260.97 10.16 0.00	172.35 6.96 0.00	146.18 5.99 0.00	151.03 5.71 -0.85	150.07 4.95 0.00	152.72 4.39 0.00	169.66 4.97 0.13	189.43 6.01 0.11	184.59 6.08 -4.27	289.04 11.36 -1.95	194.23 7.65 -1.06	174.07 6.64 0.00	198.10 6.89 -5.50	199.43 6.49 -16.88	203.31 7.30 -12.33	170.48 6.48 -5.21	104.39 3.74 0.00
INDIAN POINT___3 23531	177.95 3.88 0.00	148.07 3.31 0.00	157.59 3.81 0.00	176.74 4.36 0.00	159.30 4.31 0.00	173.35 5.07 0.00	197.58 6.61 -0.12	261.30 10.50 0.00	172.52 7.12 0.00	146.26 6.07 0.00	151.14 5.80 -0.86	150.19 5.07 0.00	152.88 4.55 0.00	169.79 5.09 0.13	189.61 6.18 0.11	184.84 6.23 -4.38	289.33 11.61 -1.99	194.37 7.78 -1.08	174.24 6.81 0.00	198.39 7.08 -5.60	199.90 6.65 -17.18	203.74 7.46 -12.59	170.73 6.60 -5.34	104.45 3.80 0.00
INGHAM_C_115KV_TB7 356103	188.59 14.51 0.00	156.68 11.92 0.00	166.67 12.88 0.00	186.72 14.34 0.00	168.24 13.25 0.00	183.38 15.10 0.00	207.79 16.94 0.00	273.33 22.52 0.00	178.22 12.82 0.00	148.35 8.16 0.00	152.38 7.89 0.00	153.59 8.48 0.00	156.75 8.42 0.00	175.36 10.54 0.00	195.86 12.33 0.00	186.99 12.75 0.00	297.77 22.03 0.00	199.92 14.40 0.00	180.37 12.94 0.00	200.01 14.30 0.00	189.46 13.39 0.00	197.50 13.81 0.00	170.92 12.14 0.00	107.88 7.23 0.00
IP CORINTH___1 23988	187.20 13.12 0.00	156.16 11.40 0.00	166.38 12.60 0.00	186.08 13.70 0.00	167.75 12.76 0.00	182.96 14.68 0.00	209.42 17.85 -0.72	274.18 23.38 0.00	180.33 14.93 0.00	151.90 11.71 0.00	161.43 11.79 -5.16	157.10 11.98 0.00	160.01 11.68 0.00	178.37 13.55 0.00	198.65 15.12 0.00	222.32 14.95 -33.14	313.54 24.55 -13.26	208.42 16.59 -6.32	182.60 15.17 0.00	235.80 17.20 -32.88	292.71 15.68 -100.97	279.70 15.33 -80.68	211.46 13.02 -39.65	108.00 7.35 0.00
IP___TICONDEROGA 23804	194.76 20.68 0.00	163.43 18.67 0.00	174.82 21.03 0.00	194.94 22.57 0.00	176.59 21.60 0.00	193.68 25.41 0.00	222.52 30.95 -0.72	290.85 40.05 0.00	190.80 25.40 0.00	160.23 20.04 0.00	169.87 20.20 -5.19	165.51 20.39 0.00	166.77 18.44 0.00	186.28 21.45 0.00	207.43 23.89 0.00	230.89 23.32 -33.34	328.78 39.71 -13.33	218.72 26.85 -6.35	193.02 25.59 0.00	248.53 29.74 -33.08	302.29 24.66 -101.56	287.28 22.43 -81.15	217.59 18.92 -39.89	110.47 9.82 0.00
ISLIP_RES_REC 323679	190.57 7.86 -8.63	153.14 6.81 -1.57	165.70 6.89 -5.02	181.73 7.01 -2.33	168.27 8.15 -5.13	185.39 9.61 -7.50	210.90 10.39 -9.66	281.59 9.45 -21.33	182.68 10.01 -7.28	153.11 10.52 -2.40	158.35 9.57 -4.31	156.72 7.94 -3.66	159.58 7.21 -4.03	179.25 7.84 -6.58	203.60 10.29 -9.78	194.07 6.85 -12.99	291.92 11.72 -4.45	201.52 9.54 -6.47	185.57 10.12 -8.02	213.28 11.48 -16.09	213.50 9.96 -27.49	221.99 13.09 -25.22	183.12 11.29 -13.04	108.55 7.90 0.00

JAMAICA__27_KV_LOAD 355505	180.70 6.62 0.00	150.56 5.80 0.00	159.98 6.19 0.00	178.77 6.39 0.00	161.11 6.12 0.00	174.94 6.67 0.00	198.45 7.48 -0.12	262.67 11.87 0.00	173.93 8.53 0.00	148.20 8.01 0.00	152.55 7.20 -0.87	150.97 5.86 0.00	153.34 5.00 0.00	170.32 5.62 0.13	190.14 6.71 0.11	185.58 6.90 -4.44	290.65 12.90 -2.02	195.75 9.15 -1.09	175.43 7.99 0.00	199.39 8.02 -5.66	201.15 7.71 -17.38	204.86 8.42 -12.75	172.14 7.93 -5.43	105.22 4.56 0.00
JANIS__SOLAR 323808	182.05 7.93 -0.04	151.25 5.69 -0.81	160.01 6.23 0.00	179.74 7.36 0.00	161.75 6.76 0.00	175.65 7.38 0.00	225.55 9.48 -25.22	445.38 13.20 -181.37	459.31 12.54 -281.37	153.39 5.14 -8.06	147.89 3.10 -0.31	148.08 2.96 0.00	151.29 2.96 0.00	166.52 2.24 0.54	187.17 4.09 0.46	176.01 3.74 1.96	305.20 7.85 -21.61	227.98 4.89 -37.58	183.96 3.98 -12.55	205.52 4.26 -15.55	198.91 3.59 -19.26	206.96 2.57 -20.70	168.49 2.07 -7.63	101.77 1.10 -0.01
JARVIS____ 23743	174.65 0.57 0.00	145.24 0.48 0.00	154.40 0.62 0.00	172.99 0.61 0.00	155.48 0.49 0.00	168.95 0.68 0.00	191.62 0.77 0.00	251.81 1.01 0.00	166.00 0.61 0.00	140.64 0.45 0.00	144.91 0.44 0.00	145.55 0.44 0.00	148.75 0.42 0.00	165.32 0.49 0.00	184.07 0.54 0.00	174.76 0.52 0.00	276.44 0.71 0.00	185.90 0.39 0.00	167.74 0.31 0.00	185.91 0.20 0.00	176.28 0.22 0.00	184.09 0.40 0.00	159.27 0.48 0.00	100.94 0.29 0.00
JENNISON____1 23625	181.45 7.37 0.00	150.11 5.35 0.00	160.15 6.37 0.00	180.37 7.99 0.00	162.16 7.17 0.00	176.35 8.08 0.00	211.85 10.31 -10.69	301.39 14.19 -36.40	154.92 4.95 15.43	144.58 4.78 0.39	149.65 4.70 -0.46	149.38 4.27 0.00	151.81 3.48 0.00	167.38 3.02 0.47	187.28 4.14 0.40	176.69 3.56 1.10	290.51 6.44 -8.34	202.24 3.46 -13.26	176.29 1.40 -7.46	197.94 1.18 -11.05	194.23 1.17 -17.00	196.48 0.59 -12.20	161.37 1.05 -1.53	101.23 0.57 0.00
JENNISON____2 23626	181.45 7.37 0.00	150.11 5.35 0.00	160.15 6.37 0.00	180.37 7.99 0.00	162.16 7.17 0.00	176.35 8.08 0.00	211.85 10.31 -10.69	301.39 14.19 -36.40	154.92 4.95 15.43	144.58 4.78 0.39	149.65 4.70 -0.46	149.38 4.27 0.00	151.81 3.48 0.00	167.38 3.02 0.47	187.28 4.14 0.40	176.69 3.56 1.10	290.51 6.44 -8.34	202.24 3.46 -13.26	176.29 1.40 -7.46	197.94 1.18 -11.05	194.23 1.17 -17.00	196.48 0.59 -12.20	161.37 1.05 -1.53	101.23 0.57 0.00
JERICOHO_RISE_WT_PWR 323719	178.28 4.20 0.00	148.63 3.87 0.00	157.74 3.96 0.00	176.91 4.53 0.00	159.36 4.38 0.00	173.48 5.20 0.00	195.94 5.09 0.00	257.72 6.92 0.00	170.14 4.74 0.00	144.66 4.47 0.00	149.23 4.75 0.00	149.96 4.85 0.00	153.37 5.04 0.00	170.24 5.41 0.00	189.20 5.66 0.00	178.86 4.63 0.00	282.45 6.72 0.00	189.59 4.08 0.00	171.32 3.89 0.00	190.96 5.25 0.00	181.20 5.13 0.00	188.18 4.49 0.00	161.70 2.92 0.00	102.12 1.47 0.00
KATONAH__115KV_46KV_TB4 355592	179.96 5.88 0.00	149.76 5.00 0.00	159.38 5.59 0.00	178.49 6.11 0.00	160.91 5.92 0.00	175.17 6.90 0.00	199.92 8.95 -0.13	264.31 13.51 0.00	174.51 9.12 0.00	148.06 7.87 0.00	153.00 7.64 -0.89	151.91 6.79 0.00	154.61 6.28 0.00	171.75 7.06 0.13	191.79 8.37 0.11	187.08 8.29 -4.55	292.77 14.97 -2.06	196.79 10.17 -1.11	176.47 9.04 0.00	201.04 9.57 -5.75	202.67 8.94 -17.67	206.41 9.73 -12.99	172.82 8.48 -5.55	105.54 4.89 0.00
KCE_NY_1 323755	184.08 10.00 0.00	153.37 8.61 0.00	163.26 9.47 0.00	182.88 10.50 0.00	164.57 9.58 0.00	179.13 10.86 0.00	204.55 12.97 -0.73	267.92 17.12 0.00	176.25 10.85 0.00	148.87 8.67 0.00	158.51 8.81 -5.23	154.39 9.28 0.00	157.56 9.23 0.00	175.29 10.47 0.00	195.05 11.52 0.00	219.56 11.77 -33.55	308.12 18.97 -13.42	204.54 12.63 -6.39	178.92 11.49 0.00	232.18 13.18 -33.28	290.27 12.01 -102.20	277.53 12.18 -81.66	209.28 10.36 -40.13	106.62 5.97 0.00
KCE_NY_6_ESR 323823	167.66 -6.29 0.13	135.76 -6.26 2.74	146.06 -7.72 0.00	162.64 -9.74 0.00	144.27 -10.72 0.00	151.28 -16.99 0.00	128.96 -21.81 40.08	140.31 -30.57 79.92	76.02 -20.21 69.17	121.06 -15.34 3.80	128.42 -16.06 0.00	129.77 -15.35 0.00	133.99 -14.34 0.00	146.30 -17.90 0.63	163.99 -19.01 0.53	148.67 -19.42 6.14	215.28 -29.91 30.55	124.28 -18.54 42.70	116.18 -16.05 35.20	129.52 -18.17 38.02	122.52 -16.62 36.92	122.72 -18.79 42.17	128.32 -16.03 14.44	91.27 -9.37 0.00
KEDC_PORT_JEFF_GT2 24210	188.94 6.42 -8.43	151.97 5.66 -1.54	164.31 5.60 -4.93	180.30 5.64 -2.29	166.87 6.85 -5.03	183.80 8.17 -7.35	209.37 9.04 -9.48	279.50 7.77 -20.93	180.83 8.29 -7.14	151.80 9.26 -2.35	157.04 8.32 -4.24	155.50 6.80 -3.59	158.35 6.07 -3.95	177.81 6.52 -6.46	201.46 8.34 -9.59	192.02 4.96 -12.82	289.67 9.52 -4.41	199.53 7.66 -6.36	183.51 8.21 -7.87	210.83 9.23 -15.89	211.26 7.90 -27.29	219.61 10.95 -24.98	181.28 9.60 -12.89	107.86 7.21 0.00
KEDC_PORT_JEFF_GT3 24211	188.94 6.42 -8.43	151.97 5.66 -1.54	164.31 5.60 -4.93	180.30 5.64 -2.29	166.87 6.85 -5.03	183.80 8.17 -7.35	209.37 9.04 -9.48	279.50 7.77 -20.93	180.83 8.29 -7.14	151.80 9.26 -2.35	157.04 8.32 -4.24	155.50 6.80 -3.59	158.35 6.07 -3.95	177.81 6.52 -6.46	201.46 8.34 -9.59	192.02 4.96 -12.82	289.67 9.52 -4.41	199.53 7.66 -6.36	183.51 8.21 -7.87	210.83 9.23 -15.89	211.26 7.90 -27.29	219.61 10.95 -24.98	181.28 9.60 -12.89	107.86 7.21 0.00
KEDC_GLWD_GT4 24219	179.98 5.90 0.00	149.87 5.11 0.00	159.22 5.44 0.00	178.25 5.87 0.00	161.09 6.10 0.00	175.38 7.10 0.00	199.94 8.97 -0.12	263.35 12.54 0.00	174.81 9.41 0.00	148.67 8.48 0.00	153.58 8.23 -0.87	152.34 7.22 0.00	154.98 6.65 0.00	172.04 7.34 0.13	192.26 8.84 0.11	186.90 8.22 -4.45	292.95 15.20 -2.02	197.29 10.68 -1.09	177.09 9.66 0.00	201.72 10.35 -5.66	202.84 9.39 -17.38	207.03 10.59 -12.75	173.18 8.96 -5.43	106.32 5.67 0.00
KEDC_GLWD_GT5 24220	179.98 5.90 0.00	149.87 5.11 0.00	159.22 5.44 0.00	178.25 5.87 0.00	161.09 6.10 0.00	175.38 7.10 0.00	199.94 8.97 -0.12	263.35 12.54 0.00	174.81 9.41 0.00	148.67 8.48 0.00	153.58 8.23 -0.87	152.34 7.22 0.00	154.98 6.65 0.00	172.04 7.34 0.13	192.26 8.84 0.11	186.90 8.22 -4.45	292.95 15.20 -2.02	197.29 10.68 -1.09	177.09 9.66 0.00	201.72 10.35 -5.66	202.84 9.39 -17.38	207.03 10.59 -12.75	173.18 8.96 -5.43	106.32 5.67 0.00
KENSICO____ 23655	178.68 4.60 0.00	148.73 3.97 0.00	158.22 4.43 0.00	177.26 4.88 0.00	159.81 4.82 0.00	173.95 5.68 0.00	198.37 7.39 -0.12	262.30 11.50 0.00	173.29 7.89 0.00	147.07 6.87 0.00	151.98 6.64 -0.87	150.95 5.83 0.00	153.62 5.29 0.00	170.61 5.91 0.13	190.52 7.10 0.11	185.72 7.06 -4.43	290.72 12.97 -2.01	195.40 8.80 -1.09	175.18 7.74 0.00	199.47 8.11 -5.65	201.04 7.63 -17.34	204.91 8.51 -12.72	171.62 7.42 -5.41	104.97 4.31 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	180.92 6.84 0.00	150.37 5.61 0.00	159.93 6.15 0.00	179.40 7.02 0.00	161.67 6.68 0.00	175.99 7.71 0.00	200.99 10.01 -0.13	266.02 15.21 0.00	175.39 10.00 0.00	148.00 7.81 0.00	152.46 7.06 -0.93	151.28 6.16 0.00	154.03 5.70 0.00	171.85 7.16 0.13	192.05 8.62 0.11	187.69 8.66 -4.80	293.99 16.10 -2.15	197.65 10.97 -1.15	177.18 9.75 0.00	201.94 10.21 -6.01	203.84 9.32 -18.46	207.38 10.10 -13.60	173.36 8.73 -5.84	105.64 4.99 0.00

KIAC_JFK_GT1 23816	178.83 4.75 0.00	149.22 4.46 0.00	158.54 4.75 0.00	177.21 4.83 0.00	159.72 4.73 0.00	173.43 5.15 0.00	196.70 5.73 -0.12	260.03 9.22 0.00	172.22 6.82 0.00	146.74 6.55 0.00	151.05 5.70 -0.87	149.52 4.41 0.00	151.86 3.53 0.00	168.69 4.00 0.13	188.27 4.85 0.11	183.83 5.15 -4.44	287.80 10.05 -2.02	193.76 7.16 -1.09	173.60 6.17 0.00	197.39 6.02 -5.66	199.24 5.80 -17.38	202.88 6.45 -12.75	170.51 6.30 -5.43	104.20 3.55 0.00
KIAC_JFK_GT2 23817	178.83 4.75 0.00	149.22 4.46 0.00	158.54 4.75 0.00	177.21 4.83 0.00	159.72 4.73 0.00	173.43 5.15 0.00	196.70 5.73 -0.12	260.03 9.22 0.00	172.22 6.82 0.00	146.74 6.55 0.00	151.05 5.70 -0.87	149.52 4.41 0.00	151.86 3.53 0.00	168.69 4.00 0.13	188.27 4.85 0.11	183.83 5.15 -4.44	287.80 10.05 -2.02	193.76 7.16 -1.09	173.60 6.17 0.00	197.39 6.02 -5.66	199.24 5.80 -17.38	202.88 6.45 -12.75	170.51 6.30 -5.43	104.20 3.55 0.00
KIAC_JFK____ 323774	178.82 4.74 0.00	149.20 4.45 0.00	158.54 4.75 0.00	177.21 4.83 0.00	159.72 4.73 0.00	173.43 5.15 0.00	196.41 5.44 -0.12	259.96 9.16 0.00	172.20 6.80 0.00	146.75 6.56 0.00	151.08 5.73 -0.87	149.51 4.40 0.00	151.86 3.53 0.00	168.70 4.00 0.13	188.26 4.83 0.11	183.75 5.07 -4.44	287.71 9.96 -2.02	193.70 7.10 -1.09	173.55 6.12 0.00	197.34 5.96 -5.66	199.21 5.77 -17.38	202.85 6.42 -12.75	170.48 6.27 -5.43	104.20 3.55 0.00
KINTIGH__24_KV_GSU 356498	163.83 -10.16 0.09	133.66 -9.14 1.96	143.17 -10.61 0.00	159.51 -12.87 0.00	141.92 -13.07 0.00	149.60 -18.67 0.00	145.51 -22.89 22.45	169.10 -32.29 49.42	102.47 -20.25 42.68	121.71 -16.28 2.20	127.35 -17.13 0.00	128.74 -16.38 0.00	132.71 -15.62 0.00	145.15 -19.04 0.64	162.58 -20.41 0.55	147.92 -20.14 6.17	227.19 -31.03 17.52	142.28 -19.47 23.77	131.37 -16.94 19.12	146.35 -18.72 20.65	138.56 -17.45 20.05	138.47 -19.41 25.80	130.89 -16.53 11.37	91.57 -9.08 0.00
KINTIGH____ 23543	164.02 -10.06 0.00	135.71 -9.05 0.00	143.28 -10.50 0.00	159.66 -12.72 0.00	142.04 -12.95 0.00	149.66 -18.61 0.00	145.15 -23.25 22.45	168.88 -32.51 49.42	102.13 -20.59 42.68	121.79 -16.21 2.20	127.44 -17.04 0.00	128.82 -16.29 0.00	132.86 -15.47 0.00	145.24 -18.95 0.64	162.68 -20.31 0.55	147.85 -20.21 6.17	226.84 -31.38 17.52	142.07 -19.67 23.77	131.23 -17.08 19.12	146.23 -18.83 20.65	138.53 -17.48 20.05	138.36 -19.53 25.80	130.96 -16.46 11.37	91.49 -9.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	185.64 11.55 0.00	154.91 10.15 0.00	164.39 10.60 0.00	184.34 11.96 0.00	166.06 11.07 0.00	181.08 12.80 0.00	205.06 14.21 0.00	270.28 19.48 0.00	178.18 12.79 0.00	151.25 11.06 0.00	155.49 11.02 0.00	156.53 11.42 0.00	159.89 11.56 0.00	177.29 12.46 0.00	197.30 13.77 0.00	186.52 12.28 0.00	295.41 19.68 0.00	198.94 13.42 0.00	180.02 12.59 0.00	200.50 14.79 0.00	190.01 13.95 0.00	196.90 13.21 0.00	168.70 9.91 0.00	106.03 5.38 0.00
LACHUTE____HYDRO 323717	194.76 20.67 0.00	163.43 18.67 0.00	174.82 21.03 0.00	194.94 22.56 0.00	176.59 21.60 0.00	193.68 25.40 0.00	222.59 31.01 -0.72	290.85 40.05 0.00	190.78 25.38 0.00	160.23 20.04 0.00	169.87 20.20 -5.19	165.50 20.39 0.00	166.76 18.43 0.00	186.26 21.44 0.00	207.45 23.91 0.00	230.89 23.32 -33.34	328.77 39.70 -13.33	218.72 26.85 -6.35	193.02 25.59 0.00	248.53 29.74 -33.08	302.29 24.66 -101.56	287.26 22.41 -81.15	217.58 18.91 -39.89	110.47 9.82 0.00
LAWRNCALV_115KV_TB1 80681	179.05 4.97 0.00	149.21 4.45 0.00	158.36 4.58 0.00	177.65 5.27 0.00	159.49 4.50 0.00	172.44 4.16 0.00	194.60 3.75 0.00	254.56 3.76 0.00	167.80 2.41 0.00	142.40 2.20 0.00	147.70 3.22 0.00	149.39 4.27 0.00	152.61 4.28 0.00	168.47 3.65 0.00	186.54 3.00 0.00	176.41 2.18 0.00	278.33 2.60 0.00	188.05 2.53 0.00	170.18 2.75 0.00	188.92 3.21 0.00	179.00 2.94 0.00	186.43 2.74 0.00	161.55 2.76 0.00	102.84 2.19 0.00
LEDERLE____ 23769	178.60 4.53 0.00	148.58 3.82 0.00	158.20 4.41 0.00	177.50 5.12 0.00	159.98 4.99 0.00	174.04 5.76 0.00	198.44 7.47 -0.12	262.52 11.72 0.00	173.18 7.78 0.00	146.76 6.57 0.00	151.62 6.31 -0.84	150.73 5.62 0.00	153.45 5.12 0.00	170.44 5.74 0.13	190.34 6.91 0.11	185.43 7.00 -4.19	290.48 12.83 -1.92	195.18 8.62 -1.04	175.01 7.58 0.00	199.01 7.87 -5.43	200.16 7.43 -16.66	204.00 8.15 -12.16	171.05 7.14 -5.12	104.74 4.08 0.00
LIGHTHSE_115KV_TB6 355974	172.87 -1.22 0.00	143.32 -1.44 0.00	152.40 -1.39 0.00	170.76 -1.62 0.00	153.21 -1.78 0.00	165.77 -2.51 0.00	188.20 -2.65 0.00	246.90 -3.91 0.00	162.36 -3.04 0.00	137.01 -3.18 0.00	141.53 -2.95 0.00	142.59 -2.53 0.00	145.72 -2.62 0.00	161.64 -3.18 0.00	179.57 -3.97 0.00	169.77 -4.47 0.00	268.24 -7.50 0.00	181.15 -4.37 0.00	163.56 -3.87 0.00	180.72 -4.99 0.00	170.89 -5.18 0.00	178.07 -5.62 0.00	153.89 -4.90 0.00	97.43 -3.22 0.00
LINDEN COGEN____ 23786	177.86 3.78 0.00	148.03 3.28 0.00	157.44 3.66 0.00	176.32 3.94 0.00	159.01 4.02 0.00	107.86 4.77 65.19	190.24 6.19 6.80	257.76 10.20 3.25	153.42 7.30 19.28	87.36 6.81 59.64	92.81 6.59 58.26	99.08 5.65 51.69	99.31 5.08 54.10	95.44 5.62 75.01	104.22 6.71 86.03	151.51 6.59 29.32	280.55 12.33 7.52	185.27 8.45 8.70	141.02 7.33 33.74	140.47 7.66 52.91	154.62 7.25 28.69	130.14 8.13 61.67	90.89 7.14 75.03	94.32 4.08 10.41
LINDHRST_69_KV_BK1 356055	184.58 7.96 -2.53	152.23 7.10 -0.37	162.31 7.34 -1.18	180.61 7.68 -0.55	164.40 8.21 -1.21	179.75 9.71 -1.76	205.13 11.91 -2.36	270.80 14.98 -5.02	178.78 11.67 -1.71	151.41 10.65 -0.56	155.94 9.78 -1.68	154.37 8.40 -0.86	157.02 7.73 -0.95	174.71 8.43 -1.45	196.42 10.67 -2.22	189.95 9.25 -6.45	295.51 17.19 -2.59	200.84 12.97 -2.35	181.63 12.32 -1.89	207.46 13.64 -8.11	207.82 11.99 -19.76	213.19 13.82 -15.68	177.57 11.56 -7.22	108.39 7.74 0.00
LIPA_MISC_IPP 23656	191.38 6.82 -10.47	152.63 5.96 -1.92	165.78 5.87 -6.13	181.23 6.01 -2.85	168.61 7.36 -6.26	186.12 8.70 -9.14	212.22 9.61 -11.75	285.60 8.78 -26.02	182.92 8.65 -8.88	152.74 9.62 -2.92	158.18 8.64 -5.06	156.62 7.04 -4.46	159.44 6.19 -4.91	179.55 6.67 -8.06	204.52 9.04 -11.95	193.62 4.52 -14.86	289.44 8.71 -4.99	199.79 6.63 -7.65	184.84 7.63 -9.78	212.90 8.81 -18.38	213.17 7.41 -29.71	223.25 11.61 -27.95	183.63 10.14 -14.71	107.81 7.16 0.00
LISF____SOLAR 323691	191.40 7.20 -10.12	152.88 6.27 -1.85	165.95 6.25 -5.91	181.49 6.36 -2.75	168.73 7.70 -6.04	186.17 9.07 -8.83	212.20 10.00 -11.35	285.03 9.10 -25.12	182.87 8.91 -8.57	152.83 9.82 -2.82	158.19 8.80 -4.92	156.51 7.09 -4.31	159.38 6.30 -4.74	179.44 6.84 -7.78	204.39 9.32 -11.53	193.57 4.84 -14.50	289.87 9.25 -4.89	199.95 7.02 -7.42	184.86 7.98 -9.44	212.84 9.19 -17.94	213.18 7.83 -29.28	223.23 12.11 -27.43	183.74 10.57 -14.39	108.06 7.41 0.00
LITTLE FALLS____HYD 24013	188.59 14.51 0.00	156.68 11.92 0.00	166.67 12.88 0.00	186.72 14.34 0.00	168.24 13.25 0.00	183.38 15.10 0.00	207.79 16.94 0.00	273.33 22.52 0.00	178.22 12.82 0.00	148.35 8.16 0.00	152.38 7.89 0.00	153.59 8.48 0.00	156.75 8.42 0.00	175.36 10.54 0.00	195.86 12.33 0.00	186.99 12.75 0.00	297.77 22.03 0.00	199.92 14.40 0.00	180.37 12.94 0.00	200.01 14.30 0.00	189.46 13.39 0.00	197.50 13.81 0.00	170.92 12.14 0.00	107.88 7.23 0.00

LITTLRIV_115KV_TB1 356100	181.00 6.92 0.00	151.19 6.43 0.00	160.49 6.71 0.00	180.06 7.68 0.00	161.83 6.84 0.00	174.58 6.30 0.00	197.21 6.36 0.00	258.00 7.20 0.00	170.00 4.60 0.00	144.19 4.00 0.00	149.39 4.91 0.00	150.98 5.87 0.00	154.16 5.82 0.00	170.23 5.40 0.00	188.59 5.05 0.00	178.39 4.15 0.00	282.01 6.27 0.00	190.80 5.28 0.00	172.87 5.44 0.00	192.03 6.31 0.00	181.74 5.68 0.00	189.09 5.40 0.00	163.72 4.93 0.00	104.15 3.50 0.00
LI_NEWBRDGE___DRP 323616	178.60 4.53 0.00	148.85 4.09 0.00	157.93 4.15 0.00	176.72 4.34 0.00	159.99 5.01 0.00	174.30 6.03 0.00	198.64 7.66 -0.12	260.28 9.47 0.00	173.39 8.00 0.00	147.76 7.57 0.00	152.30 6.95 -0.87	150.90 5.78 0.00	153.47 5.14 0.00	170.27 5.57 0.13	190.57 7.15 0.11	184.69 6.01 -4.45	289.53 11.78 -2.02	195.35 8.75 -1.09	175.61 8.18 0.00	200.23 8.86 -5.66	201.11 7.67 -17.38	205.78 9.34 -12.75	172.17 7.95 -5.43	106.17 5.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	163.09 -10.99 0.00	134.83 -9.93 0.00	142.02 -11.77 0.00	158.05 -14.33 0.00	140.41 -14.58 0.00	146.69 -21.58 0.00	134.92 -27.23 28.70	157.99 -38.62 54.19	90.84 -25.15 49.41	118.21 -19.24 2.73	124.27 -20.21 0.00	125.62 -19.50 0.00	130.08 -18.25 0.00	141.75 -22.45 0.63	158.79 -24.21 0.54	143.97 -24.16 6.11	214.52 -37.78 23.44	129.84 -23.31 32.36	120.78 -20.18 26.47	134.80 -22.32 28.59	128.06 -20.24 27.76	128.87 -21.60 33.22	127.35 -18.74 12.69	89.91 -10.74 0.00
LOCKPORT___CC1 323769	162.40 -11.57 0.10	132.18 -10.39 2.19	141.52 -12.27 0.00	157.46 -14.92 0.00	139.86 -15.12 0.00	146.13 -22.15 0.00	123.10 -27.49 40.26	108.67 -39.17 102.97	62.64 -25.52 77.24	116.47 -19.84 3.88	123.70 -20.78 0.00	125.07 -20.04 0.00	129.47 -18.86 0.00	141.16 -23.03 0.63	158.19 -24.81 0.54	143.50 -24.61 6.13	212.28 -38.44 25.01	127.11 -23.82 34.59	118.19 -20.67 28.56	131.98 -22.88 30.85	125.27 -20.83 29.95	126.08 -22.32 35.29	126.38 -19.38 13.03	89.45 -11.19 0.00
LOCKPORT___CC2 323770	162.40 -11.57 0.10	132.18 -10.39 2.19	141.52 -12.27 0.00	157.46 -14.92 0.00	139.86 -15.12 0.00	146.13 -22.15 0.00	123.10 -27.49 40.26	108.67 -39.17 102.97	62.64 -25.52 77.24	116.47 -19.84 3.88	123.70 -20.78 0.00	125.07 -20.04 0.00	129.47 -18.86 0.00	141.16 -23.03 0.63	158.19 -24.81 0.54	143.50 -24.61 6.13	212.28 -38.44 25.01	127.11 -23.82 34.59	118.19 -20.67 28.56	131.98 -22.88 30.85	125.27 -20.83 29.95	126.08 -22.32 35.29	126.38 -19.38 13.03	89.45 -11.19 0.00
LOCKPORT___CC3 323771	162.40 -11.57 0.10	132.18 -10.39 2.19	141.52 -12.27 0.00	157.46 -14.92 0.00	139.86 -15.12 0.00	146.13 -22.15 0.00	123.10 -27.49 40.26	108.67 -39.17 102.97	62.64 -25.52 77.24	116.47 -19.84 3.88	123.70 -20.78 0.00	125.07 -20.04 0.00	129.47 -18.86 0.00	141.16 -23.03 0.63	158.19 -24.81 0.54	143.50 -24.61 6.13	212.28 -38.44 25.01	127.11 -23.82 34.59	118.19 -20.67 28.56	131.98 -22.88 30.85	125.27 -20.83 29.95	126.08 -22.32 35.29	126.38 -19.38 13.03	89.45 -11.19 0.00
LOCUSVLY_69_KV_BK2 55797	178.20 6.31 2.20	149.77 5.42 0.42	158.09 5.63 1.33	177.76 6.00 0.62	160.01 6.38 1.36	173.81 7.52 1.98	198.01 9.55 2.39	257.79 12.62 5.63	173.15 9.68 1.92	148.42 8.86 0.63	152.85 8.41 0.03	151.43 7.28 0.97	153.99 6.72 1.07	170.33 7.41 1.90	189.94 9.12 2.72	184.60 8.17 -2.19	292.48 15.37 -1.37	196.24 11.06 0.33	175.43 10.12 2.12	199.51 10.89 -2.91	200.50 9.72 -14.72	204.37 11.22 -9.46	171.67 9.45 -3.42	106.90 6.25 0.00
LONG_LAKE_PHOENIX 24014	167.94 -6.15 0.00	139.34 -5.42 0.00	147.99 -5.80 0.00	165.81 -6.57 0.00	148.97 -6.02 0.00	161.38 -6.90 0.00	183.28 -7.56 0.00	240.79 -10.01 0.00	158.76 -6.64 0.00	134.19 -6.01 0.00	138.17 -6.31 0.00	138.81 -6.31 0.00	141.99 -6.34 0.00	158.16 -6.91 -0.24	176.59 -7.16 -0.21	169.55 -6.97 -2.28	265.58 -10.67 -0.51	178.54 -6.98 0.00	161.12 -6.31 0.00	178.59 -7.13 0.00	169.14 -6.92 0.00	178.28 -7.59 -2.18	154.68 -6.78 -2.67	96.33 -4.32 0.00
LOVETT___3 23632	177.64 3.56 0.00	147.80 3.04 0.00	157.37 3.58 0.00	176.60 4.22 0.00	159.19 4.20 0.00	173.18 4.91 0.00	197.39 6.42 -0.12	261.05 10.24 0.00	172.25 6.85 0.00	145.97 5.78 0.00	150.84 5.52 -0.84	149.90 4.78 0.00	152.58 4.25 0.00	169.45 4.75 0.13	189.24 5.81 0.11	184.39 5.91 -4.24	288.77 11.10 -1.94	194.03 7.47 -1.05	173.95 6.52 0.00	197.92 6.74 -5.47	199.21 6.35 -16.80	203.06 7.10 -12.27	170.24 6.27 -5.18	104.25 3.59 0.00
LOVETT___4 23642	177.64 3.56 0.00	147.80 3.04 0.00	157.37 3.58 0.00	176.60 4.22 0.00	159.19 4.20 0.00	173.18 4.91 0.00	197.39 6.42 -0.12	261.05 10.24 0.00	172.25 6.85 0.00	145.97 5.78 0.00	150.84 5.52 -0.84	149.90 4.78 0.00	152.58 4.25 0.00	169.45 4.75 0.13	189.24 5.81 0.11	184.39 5.91 -4.24	288.77 11.10 -1.94	194.03 7.47 -1.05	173.95 6.52 0.00	197.92 6.74 -5.47	199.21 6.35 -16.80	203.06 7.10 -12.27	170.24 6.27 -5.18	104.25 3.59 0.00
LOVETT___5 23593	177.64 3.56 0.00	147.80 3.04 0.00	157.37 3.58 0.00	176.60 4.22 0.00	159.19 4.20 0.00	173.18 4.91 0.00	197.39 6.42 -0.12	261.05 10.24 0.00	172.25 6.85 0.00	145.97 5.78 0.00	150.84 5.52 -0.84	149.90 4.78 0.00	152.58 4.25 0.00	169.45 4.75 0.13	189.24 5.81 0.11	184.39 5.91 -4.24	288.77 11.10 -1.94	194.03 7.47 -1.05	173.95 6.52 0.00	197.92 6.74 -5.47	199.21 6.35 -16.80	203.06 7.10 -12.27	170.24 6.27 -5.18	104.25 3.59 0.00
LOWER RAQUET___HYD 24057	179.30 5.22 0.00	149.50 4.73 0.00	158.70 4.91 0.00	178.03 5.65 0.00	159.78 4.79 0.00	172.45 4.17 0.00	194.51 3.66 0.00	254.29 3.49 0.00	167.62 2.22 0.00	142.20 2.01 0.00	147.68 3.20 0.00	149.36 4.25 0.00	152.50 4.17 0.00	168.23 3.41 0.00	186.06 2.52 0.00	175.88 1.64 0.00	277.48 1.75 0.00	187.52 2.00 0.00	169.75 2.32 0.00	188.43 2.71 0.00	178.42 2.36 0.00	185.84 2.15 0.00	161.11 2.33 0.00	102.62 1.97 0.00
LOWER___HUDSON 24059	180.55 6.47 0.00	150.62 5.86 0.00	160.21 6.43 0.00	179.16 6.78 0.00	161.35 6.36 0.00	175.61 7.33 0.00	200.30 8.72 -0.73	262.01 11.20 0.00	172.56 7.16 0.00	146.22 6.03 0.00	156.37 6.60 -5.29	151.69 6.57 0.00	154.67 6.34 0.00	172.33 7.51 0.00	191.59 8.05 0.00	216.42 8.29 -33.89	302.42 13.18 -13.50	200.51 8.56 -6.43	175.08 7.65 0.00	228.04 8.83 -33.49	287.35 8.46 -102.83	274.74 8.89 -82.16	206.84 7.67 -40.38	105.10 4.45 0.00
LOWVILLE_115KV_TB2 356335	184.21 10.13 0.00	152.60 7.84 0.00	162.38 8.59 0.00	182.01 9.63 0.00	163.25 8.26 0.00	176.61 8.34 0.00	200.75 9.90 0.00	262.90 12.10 0.00	172.34 6.94 0.00	144.57 4.37 0.00	150.05 5.57 0.00	151.91 6.80 0.00	154.45 6.12 0.00	170.58 5.75 0.00	187.64 4.10 0.00	177.10 2.87 0.00	277.95 2.22 0.00	188.76 3.25 0.00	170.51 3.08 0.00	187.25 1.54 0.00	176.52 0.46 0.00	183.69 0.00 0.00	158.95 0.16 0.00	100.91 0.26 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	183.93 9.85 0.00	153.32 8.56 0.00	163.19 9.41 0.00	182.66 10.28 0.00	164.43 9.44 0.00	179.03 10.76 0.00	204.53 12.96 -0.73	267.69 16.88 0.00	176.13 10.73 0.00	148.78 8.59 0.00	158.45 8.75 -5.23	154.11 8.99 0.00	157.26 8.92 0.00	175.21 10.38 0.00	195.02 11.48 0.00	219.35 11.56 -33.55	307.89 18.73 -13.42	204.38 12.47 -6.39	178.69 11.26 0.00	231.77 12.77 -33.28	290.08 11.83 -102.20	277.38 12.03 -81.66	209.15 10.23 -40.13	106.58 5.93 0.00

LUTHERNY_35_KV_BK2 355980	184.09 10.01 0.00	153.38 8.63 0.00	163.25 9.47 0.00	182.87 10.49 0.00	164.57 9.58 0.00	179.13 10.85 0.00	204.55 12.97 -0.73	267.92 17.12 0.00	176.26 10.87 0.00	148.86 8.67 0.00	158.51 8.81 -5.23	154.39 9.27 0.00	157.55 9.21 0.00	175.30 10.48 0.00	195.06 11.52 0.00	219.57 11.77 -33.55	308.16 19.01 -13.42	204.53 12.62 -6.39	178.93 11.50 0.00	232.18 13.18 -33.28	290.27 12.02 -102.20	277.55 12.20 -81.66	209.28 10.36 -40.13	106.62 5.97 0.00
LWR___OSWEGATCHIE_HYD 23850	180.55 6.47 0.00	150.12 5.36 0.00	159.70 5.91 0.00	179.03 6.65 0.00	160.60 5.61 0.00	173.50 5.23 0.00	196.55 5.70 0.00	256.90 6.10 0.00	168.81 3.41 0.00	142.47 2.28 0.00	147.94 3.46 0.00	149.56 4.44 0.00	152.43 4.10 0.00	168.17 3.34 0.00	185.68 2.15 0.00	175.37 1.13 0.00	275.38 -0.35 0.00	186.52 1.01 0.00	168.68 1.25 0.00	186.40 0.69 0.00	176.20 0.14 0.00	183.92 0.23 0.00	159.21 0.42 0.00	101.26 0.61 0.00
LYONS_FALL_HYD 23570	184.29 10.21 0.00	152.63 7.87 0.00	162.34 8.56 0.00	182.00 9.62 0.00	163.44 8.45 0.00	177.09 8.82 0.00	201.45 10.60 0.00	264.18 13.37 0.00	173.50 8.10 0.00	145.93 5.74 0.00	151.15 6.67 0.00	152.66 7.54 0.00	155.38 7.04 0.00	172.01 7.19 0.00	189.96 6.42 0.00	179.77 5.53 0.00	282.92 7.18 0.00	191.70 6.18 0.00	173.06 5.63 0.00	190.60 4.89 0.00	179.89 3.83 0.00	187.18 3.49 0.00	161.86 3.07 0.00	102.46 1.81 0.00
MADISON___COUNTY_LFGE 323628	175.00 0.92 0.00	145.54 0.78 0.00	154.69 0.91 0.00	173.36 0.98 0.00	156.02 1.04 0.00	169.61 1.34 0.00	193.93 2.03 -1.06	267.71 3.10 -13.81	183.76 1.67 -16.69	141.21 0.60 -0.42	144.86 0.38 0.00	145.47 0.35 0.00	148.56 0.23 0.00	164.84 0.42 0.40	184.24 1.04 0.34	171.68 1.09 3.65	278.41 2.34 -0.33	188.72 0.97 -2.23	168.09 0.66 0.00	186.09 0.37 0.00	176.50 0.43 0.00	182.94 2.06 2.82	156.85 1.60 3.54	101.60 0.94 0.00
MALONE___115KV_TB1 356076	183.56 9.48 0.00	153.04 8.28 0.00	162.39 8.61 0.00	182.14 9.76 0.00	163.97 8.98 0.00	178.17 9.90 0.00	201.43 10.58 0.00	264.88 14.08 0.00	174.73 9.33 0.00	148.51 8.32 0.00	153.44 8.96 0.00	154.26 9.14 0.00	157.69 9.36 0.00	174.54 9.71 0.00	193.66 10.13 0.00	182.94 8.70 0.00	289.18 13.45 0.00	194.72 9.21 0.00	176.12 8.69 0.00	196.01 10.30 0.00	185.83 9.77 0.00	192.88 9.19 0.00	165.82 7.03 0.00	104.77 4.12 0.00
MAPLEWOD_115KV_TB3 80458	179.56 5.48 0.00	149.62 4.86 0.00	159.18 5.39 0.00	178.10 5.72 0.00	160.35 5.36 0.00	174.46 6.18 0.00	198.67 7.30 -0.52	260.22 9.42 0.00	171.64 6.24 0.00	145.57 5.38 0.00	154.41 6.22 -3.71	151.22 6.10 0.00	154.34 6.01 0.00	171.87 7.05 0.00	191.16 7.63 0.00	205.79 7.72 -23.84	297.30 12.02 -9.54	197.78 7.72 -4.55	173.95 6.52 0.00	216.96 7.57 -23.68	256.14 7.38 -72.70	249.63 7.85 -58.09	194.16 6.83 -28.55	104.78 4.13 0.00
MAPLE_RIDGE_WT_1 323574	174.55 0.46 0.00	145.19 0.44 0.00	154.25 0.46 0.00	172.77 0.39 0.00	155.04 0.06 0.00	168.39 0.11 0.00	190.75 -0.10 0.00	250.33 -0.47 0.00	164.85 -0.55 0.00	139.53 -0.66 0.00	144.15 -0.32 0.00	144.17 -0.94 0.00	146.84 -1.49 0.00	162.77 -2.06 0.00	180.75 -2.79 0.00	171.12 -3.12 0.00	270.04 -5.69 0.00	182.24 -3.27 0.00	163.68 -3.75 0.00	180.95 -4.76 0.00	172.12 -3.94 0.00	180.34 -3.35 0.00	156.18 -2.61 0.00	99.40 -1.25 0.00
MAPLE_RIDGE_WT_2 323611	174.55 0.46 0.00	145.19 0.44 0.00	154.25 0.46 0.00	172.77 0.39 0.00	155.04 0.06 0.00	168.39 0.11 0.00	190.75 -0.10 0.00	250.33 -0.47 0.00	164.85 -0.55 0.00	139.53 -0.66 0.00	144.15 -0.32 0.00	144.17 -0.94 0.00	146.84 -1.49 0.00	162.77 -2.06 0.00	180.75 -2.79 0.00	171.12 -3.12 0.00	270.04 -5.69 0.00	182.24 -3.27 0.00	163.68 -3.75 0.00	180.95 -4.76 0.00	172.12 -3.94 0.00	180.34 -3.35 0.00	156.18 -2.61 0.00	99.40 -1.25 0.00
MARBLE_RIVER_WT_PWR 323696	177.84 3.76 0.00	148.32 3.56 0.00	157.40 3.62 0.00	176.53 4.15 0.00	159.00 4.01 0.00	173.08 4.80 0.00	195.50 4.66 0.00	257.16 6.35 0.00	169.68 4.28 0.00	144.25 4.06 0.00	148.82 4.34 0.00	149.59 4.48 0.00	152.97 4.64 0.00	169.78 4.95 0.00	188.74 5.21 0.00	178.47 4.24 0.00	281.80 6.06 0.00	189.12 3.61 0.00	170.88 3.45 0.00	190.46 4.75 0.00	180.68 4.61 0.00	187.77 4.08 0.00	161.39 2.60 0.00	101.93 1.27 0.00
MARSHVLE_115KV_TB1 80742	177.68 3.60 0.00	147.53 2.77 0.00	156.47 2.69 0.00	175.41 3.03 0.00	157.84 2.85 0.00	171.71 3.44 0.00	197.26 5.85 -0.56	259.14 8.34 0.00	169.24 3.85 0.00	141.60 1.41 0.00	149.40 0.89 -4.03	146.24 1.12 0.00	149.85 1.52 0.00	166.62 1.94 0.14	185.83 2.41 0.12	200.93 2.09 -24.61	290.09 4.26 -10.09	194.03 3.57 -4.95	171.14 3.71 0.00	215.27 3.79 -25.77	258.24 3.05 -79.13	248.86 3.20 -61.97	191.52 3.20 -29.53	102.25 1.60 0.00
MARSH_HILL_WT_PWR 323713	173.78 -0.30 0.00	142.77 -1.99 0.00	151.00 -2.78 0.00	167.84 -4.54 0.00	148.80 -6.19 0.00	157.02 -11.26 0.00	302.99 -16.63 -128.77	204.71 -25.31 20.79	68.42 -15.62 81.36	134.32 -11.92 -6.04	132.47 -12.20 -0.19	132.59 -12.52 0.00	134.07 -14.26 0.00	145.98 -18.24 0.60	164.13 -18.90 0.51	149.45 -19.37 5.42	330.15 -30.27 -84.68	277.82 -20.49 -112.80	284.60 -18.47 -135.65	312.43 -20.99 -147.71	302.10 -19.95 -145.99	282.50 -21.94 -120.75	143.98 -19.11 -4.30	88.49 -12.14 0.01
MCINTYRE_115KV_TB2 80467	182.01 7.93 0.00	151.84 7.08 0.00	161.09 7.30 0.00	180.82 8.44 0.00	162.65 7.66 0.00	175.95 7.68 0.00	199.02 8.17 0.00	260.60 9.80 0.00	171.73 6.33 0.00	145.71 5.52 0.00	150.57 6.10 0.00	152.04 6.92 0.00	155.28 6.95 0.00	171.60 6.77 0.00	190.53 7.00 0.00	180.41 6.17 0.00	285.53 9.80 0.00	193.23 7.71 0.00	175.10 7.67 0.00	194.54 8.83 0.00	184.16 8.10 0.00	191.57 7.88 0.00	165.60 6.81 0.00	105.23 4.58 0.00
MECO_____69_KV_BK1 80468	183.09 9.01 0.00	152.05 7.29 0.00	161.39 7.60 0.00	180.85 8.47 0.00	162.85 7.86 0.00	177.36 9.08 0.00	203.59 12.14 -0.60	267.65 16.84 0.00	174.26 8.86 0.00	144.92 4.73 0.00	152.84 4.03 -4.32	149.52 4.40 0.00	153.27 4.94 0.00	171.01 6.31 0.13	191.26 7.83 0.11	209.18 8.32 -26.62	301.95 15.34 -10.88	201.91 11.09 -5.31	177.73 10.30 0.00	224.45 11.10 -27.63	270.83 9.92 -84.85	260.39 10.02 -66.68	199.29 8.56 -31.94	105.46 4.81 0.00
MENANDS___115KV_TB5 355628	178.49 4.41 0.00	148.75 3.99 0.00	158.25 4.47 0.00	177.12 4.74 0.00	159.43 4.44 0.00	173.49 5.22 0.00	197.35 6.00 -0.50	258.52 7.72 0.00	170.53 5.13 0.00	144.76 4.56 0.00	153.61 5.55 -3.58	150.60 5.49 0.00	153.71 5.38 0.00	171.05 6.23 0.00	190.25 6.71 0.00	204.06 6.84 -22.99	295.35 10.41 -9.20	196.54 6.64 -4.39	172.87 5.44 0.00	214.94 6.40 -22.83	252.47 6.31 -70.10	246.55 6.84 -56.02	192.30 5.98 -27.53	104.36 3.70 0.00
MG INDUSTRY___DRP 24185	178.16 4.07 0.00	148.47 3.71 0.00	157.98 4.19 0.00	176.94 4.56 0.00	159.13 4.14 0.00	172.97 4.69 0.00	196.55 5.39 -0.31	257.42 6.61 0.00	169.47 4.07 0.00	143.50 3.31 0.00	150.56 3.88 -2.20	149.04 3.93 0.00	152.40 4.06 0.00	169.81 4.98 0.00	188.84 5.30 0.00	193.97 5.58 -14.16	289.88 8.47 -5.67	193.54 5.32 -2.70	171.92 4.50 0.00	204.99 5.21 -14.07	224.51 5.23 -43.21	223.94 5.73 -34.53	180.89 5.13 -16.97	103.88 3.23 0.00

MID___OSWEGATCHIE_HYD 23849	180.55 6.47 0.00	150.12 5.36 0.00	159.70 5.91 0.00	179.03 6.65 0.00	160.60 5.61 0.00	173.50 5.23 0.00	196.55 5.70 0.00	256.90 6.10 0.00	168.81 3.41 0.00	142.47 2.28 0.00	147.94 3.46 0.00	149.56 4.44 0.00	152.43 4.10 0.00	168.17 3.34 0.00	185.68 2.15 0.00	175.37 1.13 0.00	275.38 -0.35 0.00	186.52 1.01 0.00	168.68 1.25 0.00	186.40 0.69 0.00	176.20 0.14 0.00	183.92 0.23 0.00	159.21 0.42 0.00	101.26 0.61 0.00
MID___RAQUETTE_HYD 23851	179.30 5.22 0.00	149.50 4.74 0.00	158.69 4.91 0.00	178.03 5.65 0.00	159.77 4.78 0.00	172.45 4.18 0.00	194.52 3.67 0.00	254.29 3.49 0.00	167.61 2.22 0.00	142.20 2.01 0.00	147.68 3.20 0.00	149.36 4.25 0.00	152.50 4.17 0.00	168.24 3.41 0.00	186.08 2.54 0.00	175.89 1.66 0.00	277.47 1.73 0.00	187.52 2.01 0.00	169.75 2.32 0.00	188.42 2.71 0.00	178.43 2.36 0.00	185.83 2.15 0.00	161.12 2.33 0.00	102.63 1.98 0.00
MILLIKEN___1 23584	176.14 2.06 0.00	145.67 0.91 0.00	154.79 1.01 0.00	173.49 1.11 0.00	156.02 1.03 0.00	169.00 0.72 0.00	217.44 1.43 -25.16	420.91 2.09 -168.02	359.81 1.84 -192.58	145.70 0.02 -5.49	144.21 -0.46 -0.19	144.60 -0.52 0.00	148.00 -0.33 0.00	163.42 -0.85 0.55	183.08 0.02 0.47	171.70 0.03 2.57	301.12 1.34 -24.04	228.88 0.66 -42.70	180.59 0.58 -12.57	200.87 0.36 -14.80	192.65 -0.32 -16.91	203.46 -0.80 -20.57	166.53 -0.89 -8.63	100.04 -0.63 -0.02
MILLIKEN___2 23585	176.14 2.06 0.00	145.67 0.91 0.00	154.79 1.01 0.00	173.49 1.11 0.00	156.02 1.03 0.00	169.00 0.72 0.00	217.44 1.43 -25.16	420.91 2.09 -168.02	359.81 1.84 -192.58	145.70 0.02 -5.49	144.21 -0.46 -0.19	144.60 -0.52 0.00	148.00 -0.33 0.00	163.42 -0.85 0.55	183.08 0.02 0.47	171.70 0.03 2.57	301.12 1.34 -24.04	228.88 0.66 -42.70	180.59 0.58 -12.57	200.87 0.36 -14.80	192.65 -0.32 -16.91	203.46 -0.80 -20.57	166.53 -0.89 -8.63	100.04 -0.63 -0.02
MILLIKEN___DIESEL 23629	176.14 2.06 0.00	145.67 0.91 0.00	154.79 1.01 0.00	173.49 1.11 0.00	156.02 1.03 0.00	169.00 0.72 0.00	217.44 1.43 -25.16	420.91 2.09 -168.02	359.81 1.84 -192.58	145.70 0.02 -5.49	144.21 -0.46 -0.19	144.60 -0.52 0.00	148.00 -0.33 0.00	163.42 -0.85 0.55	183.08 0.02 0.47	171.70 0.03 2.57	301.12 1.34 -24.04	228.88 0.66 -42.70	180.59 0.58 -12.57	200.87 0.36 -14.80	192.65 -0.32 -16.91	203.46 -0.80 -20.57	166.53 -0.89 -8.63	100.04 -0.63 -0.02
MILLSEAT___LFGE 323607	165.61 -8.38 0.09	134.97 -7.78 2.00	144.31 -9.47 0.00	160.68 -11.70 0.00	143.09 -11.90 0.00	150.41 -17.86 0.00	144.87 -21.62 24.36	171.25 -30.86 48.70	100.51 -20.22 44.66	122.07 -15.75 2.37	127.87 -16.61 0.00	128.94 -16.17 0.00	133.34 -14.99 0.00	146.00 -18.20 0.63	163.67 -19.33 0.54	148.94 -19.20 6.09	226.41 -29.21 20.11	140.33 -17.59 27.60	129.95 -15.27 22.21	144.87 -16.86 23.99	138.94 -13.83 23.29	139.50 -15.26 28.93	133.20 -13.67 11.93	92.88 -7.77 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	178.39 4.31 0.00	148.46 3.70 0.00	157.97 4.18 0.00	177.05 4.67 0.00	159.59 4.60 0.00	173.68 5.41 0.00	198.04 7.07 -0.12	261.82 11.02 0.00	172.95 7.56 0.00	146.75 6.56 0.00	151.63 6.28 -0.87	150.62 5.51 0.00	153.32 4.99 0.00	170.28 5.59 0.13	190.16 6.73 0.11	185.35 6.71 -4.41	290.14 12.40 -2.00	194.95 8.35 -1.08	174.80 7.37 0.00	199.02 7.68 -5.62	200.57 7.24 -17.27	204.39 8.05 -12.65	171.24 7.08 -5.38	104.76 4.10 0.00
MILLWOOD_13_KV_LOAD 356217	178.85 4.77 0.00	148.86 4.10 0.00	158.38 4.60 0.00	177.47 5.09 0.00	159.97 4.98 0.00	174.09 5.82 0.00	198.56 7.58 -0.12	262.55 11.75 0.00	173.46 8.06 0.00	147.13 6.94 0.00	152.02 6.67 -0.87	150.97 5.86 0.00	153.67 5.34 0.00	170.74 6.04 0.13	190.65 7.22 0.11	185.84 7.20 -4.41	291.02 13.28 -2.00	195.59 9.00 -1.08	175.34 7.91 0.00	199.63 8.29 -5.62	201.16 7.83 -17.27	204.94 8.60 -12.65	171.71 7.54 -5.38	105.02 4.36 0.00
MODEL_CITY_ENERGY 24167	161.93 -12.04 0.11	131.70 -10.75 2.31	141.05 -12.74 0.00	156.92 -15.46 0.00	139.39 -15.60 0.00	145.52 -22.75 0.00	132.14 -28.00 30.71	150.43 -40.40 59.98	85.87 -26.16 53.37	116.93 -20.34 2.93	123.11 -21.37 0.00	124.38 -20.73 0.00	128.87 -19.46 0.00	140.37 -23.82 0.63	157.25 -25.75 0.54	142.63 -25.48 6.13	211.57 -39.77 24.40	127.18 -24.59 33.75	118.50 -21.27 27.65	132.18 -23.67 29.86	125.47 -21.60 29.00	126.73 -22.52 34.44	126.13 -19.72 12.94	89.29 -11.36 0.00
MODERN_LFGE___ 323580	161.93 -12.04 0.11	131.70 -10.75 2.31	141.05 -12.74 0.00	156.92 -15.46 0.00	139.39 -15.60 0.00	145.52 -22.75 0.00	132.14 -28.00 30.71	150.43 -40.40 59.98	85.87 -26.16 53.37	116.93 -20.34 2.93	123.11 -21.37 0.00	124.38 -20.73 0.00	128.87 -19.46 0.00	140.37 -23.82 0.63	157.25 -25.75 0.54	142.63 -25.48 6.13	211.57 -39.77 24.40	127.18 -24.59 33.75	118.50 -21.27 27.65	132.18 -23.67 29.86	125.47 -21.60 29.00	126.73 -22.52 34.44	126.13 -19.72 12.94	89.29 -11.36 0.00
MOHAWK_PAPER___DRP 24187	179.56 5.48 0.00	149.62 4.86 0.00	159.18 5.39 0.00	178.10 5.72 0.00	160.35 5.36 0.00	174.46 6.18 0.00	198.67 7.30 -0.52	260.22 9.42 0.00	171.64 6.24 0.00	145.57 5.38 0.00	154.41 6.22 -3.71	151.22 6.10 0.00	154.34 6.01 0.00	171.87 7.05 0.00	191.16 7.63 0.00	205.79 7.72 -23.84	297.30 12.02 -9.54	197.78 7.72 -4.55	173.95 6.52 0.00	216.96 7.57 -23.68	256.14 7.38 -72.70	249.63 7.85 -58.09	194.16 6.83 -28.55	104.78 4.13 0.00
MOHICAN___35_KV_115KV_LD 80490	187.91 13.83 0.00	156.85 12.08 0.00	167.15 13.37 0.00	186.87 14.49 0.00	168.52 13.53 0.00	183.88 15.61 0.00	210.50 18.92 -0.73	275.45 24.65 0.00	181.13 15.73 0.00	152.67 12.48 0.00	162.26 12.58 -5.20	157.86 12.74 0.00	160.63 12.29 0.00	179.17 14.35 0.00	199.53 15.99 0.00	223.53 15.87 -33.42	315.27 26.17 -13.37	209.48 17.60 -6.37	183.59 16.16 0.00	237.24 18.37 -33.16	294.38 16.52 -101.81	281.10 16.07 -81.35	212.43 13.66 -39.98	108.30 7.65 0.00
MONGAUP___HYD 23641	180.32 6.24 0.00	149.93 5.17 0.00	159.46 5.67 0.00	178.73 6.35 0.00	160.96 5.97 0.00	175.16 6.88 0.00	199.65 8.69 -0.11	263.22 12.41 0.00	173.23 7.83 0.00	146.24 6.04 0.00	150.11 4.84 -0.78	148.97 3.85 0.00	151.82 3.49 0.00	169.25 4.55 0.13	190.44 7.02 0.11	185.43 7.38 -3.81	291.15 13.64 -1.77	194.04 7.55 -0.97	174.05 6.62 0.00	198.63 7.84 -5.07	199.75 8.11 -15.58	204.30 9.35 -11.26	171.54 8.09 -4.66	105.28 4.63 0.00
MONTAUK___DIESEL 23721	193.32 8.92 -10.31	153.95 7.30 -1.89	166.78 6.96 -6.03	182.64 7.46 -2.80	172.51 11.37 -6.16	191.64 14.37 -9.00	219.53 17.11 -11.57	295.39 18.97 -25.61	187.66 13.53 -8.74	158.93 15.86 -2.88	164.03 14.55 -4.99	162.06 12.56 -4.39	164.72 11.55 -4.84	184.06 11.30 -7.93	209.06 13.77 -11.76	196.72 7.79 -14.70	296.65 15.97 -4.94	201.76 8.70 -7.54	186.33 9.27 -9.63	211.78 7.89 -18.18	211.10 5.53 -29.51	221.17 9.77 -27.72	181.55 8.20 -14.56	106.45 5.80 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	170.87 -3.22 0.00	139.22 -5.54 0.00	147.42 -6.36 0.00	162.45 -9.93 0.00	140.75 -14.24 0.00	147.47 -20.80 0.00	135.39 -27.41 28.05	138.12 -36.42 76.26	70.97 -23.95 70.48	119.11 -17.98 3.10	125.64 -18.83 0.00	126.71 -18.40 0.00	130.61 -17.72 0.00	142.69 -21.52 0.62	158.43 -24.57 0.53	145.50 -22.59 6.15	217.06 -36.41 22.26	128.92 -25.10 31.49	122.63 -21.90 22.91	135.54 -25.43 24.74	127.64 -24.39 24.03	126.30 -26.76 30.63	124.75 -20.89 13.15	88.47 -12.18 0.00

MORRIS_RIDGE___SOLAR 323848	169.59 -4.49 0.00	139.34 -5.42 0.00	147.41 -6.38 0.00	164.17 -8.21 0.00	145.64 -9.34 0.00	153.57 -14.71 0.01	-15.74 -19.46 187.13	-24.56 -27.79 247.57	-38.15 -18.10 185.45	111.45 -13.79 14.96	130.03 -14.62 -0.17	130.21 -14.90 0.00	133.67 -14.66 0.00	145.64 -18.58 0.61	163.54 -19.47 0.52	149.28 -19.83 5.13	112.19 -29.96 133.59	-23.09 -20.40 188.21	-25.22 -18.25 174.40	-22.31 -20.79 187.23	-23.22 -19.84 179.44	-13.94 -21.57 176.05	106.09 -18.56 34.13	89.40 -11.25 0.01
MORTIMER_115KV_TB3 55949	168.66 -5.42 0.00	139.65 -5.11 0.00	147.73 -6.06 0.00	164.84 -7.54 0.00	147.29 -7.70 0.00	156.98 -11.29 0.00	175.30 -13.97 1.59	209.63 -19.45 21.73	130.34 -12.45 22.61	130.09 -9.55 0.56	134.57 -9.90 0.00	135.62 -9.50 0.00	139.50 -8.83 0.00	153.45 -10.74 0.63	171.73 -11.27 0.54	156.93 -11.31 6.00	255.47 -17.24 3.03	171.79 -10.43 3.29	158.43 -9.00 0.00	175.65 -10.07 0.00	166.68 -9.38 0.00	165.68 -11.26 6.75	140.84 -9.81 8.14	95.14 -5.51 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	179.11 5.03 0.00	149.09 4.33 0.00	158.56 4.77 0.00	177.58 5.20 0.00	160.15 5.16 0.00	174.30 6.03 0.00	198.77 7.80 -0.12	262.86 12.05 0.00	173.87 8.47 0.00	147.75 7.56 0.00	152.67 7.32 -0.87	151.55 6.44 0.00	154.23 5.89 0.00	171.29 6.60 0.13	191.23 7.80 0.11	186.36 7.68 -4.45	291.79 14.03 -2.02	196.23 9.62 -1.09	175.93 8.50 0.00	200.24 8.86 -5.66	201.84 8.40 -17.38	205.65 9.21 -12.75	172.28 8.06 -5.43	105.35 4.70 0.00
MUNSVILLE_WIND_PWR 323609	188.55 14.43 -0.04	156.55 11.01 -0.78	165.86 12.08 0.00	186.99 14.61 0.00	168.56 13.57 0.00	183.80 15.53 0.00	228.15 19.37 -17.93	405.19 26.19 -128.20	471.23 24.46 -281.37	159.71 11.45 -8.06	153.05 8.18 -0.39	152.71 7.60 0.00	155.53 7.20 0.00	170.55 6.23 0.50	191.65 8.54 0.43	179.93 7.22 1.53	304.58 13.90 -14.95	219.20 8.31 -25.37	183.94 6.51 -10.00	206.73 7.72 -13.29	201.22 7.04 -18.13	205.73 5.61 -16.44	168.47 5.12 -4.57	103.55 2.89 -0.01
N SALMON___HYD 24042	183.57 9.49 0.00	153.03 8.27 0.00	162.39 8.60 0.00	182.13 9.76 0.00	163.96 8.98 0.00	178.17 9.90 0.00	201.45 10.60 0.00	264.87 14.07 0.00	174.72 9.33 0.00	148.51 8.32 0.00	153.45 8.97 0.00	154.26 9.15 0.00	157.69 9.36 0.00	174.54 9.71 0.00	193.67 10.14 0.00	182.95 8.71 0.00	289.18 13.45 0.00	194.72 9.20 0.00	176.12 8.69 0.00	196.00 10.29 0.00	185.83 9.76 0.00	192.89 9.20 0.00	165.82 7.03 0.00	104.76 4.11 0.00
N.AKRON__115KV_KNAPP 355671	165.45 -8.63 0.00	136.76 -8.00 0.00	144.07 -9.71 0.00	160.45 -11.93 0.00	142.73 -12.26 0.00	149.72 -18.56 0.00	141.62 -23.15 26.08	167.09 -32.85 50.87	97.36 -21.50 46.54	121.29 -16.38 2.52	127.16 -17.32 0.00	128.34 -16.77 0.00	132.80 -15.53 0.00	145.11 -20.46 0.63	162.53 -20.43 0.54	147.71 -31.47 6.10	222.83 -19.17 21.43	136.86 -16.57 29.48	126.97 -18.31 23.90	141.60 -15.88 25.81	135.12 -17.28 25.06	135.78 -15.20 30.63	131.36 -8.63 12.23	92.02 -8.63 0.00
N.E_GEN_SANDY PD 24062	178.82 4.73 0.00	149.71 4.48 -0.47	158.91 5.13 0.00	175.31 5.29 2.36	160.11 5.12 0.00	174.22 5.94 0.00	198.48 7.26 -0.37	255.07 9.78 5.52	172.02 6.63 0.00	145.29 5.64 0.54	154.23 6.21 -3.54	151.32 5.90 -0.31	153.41 5.32 0.24	171.97 6.25 -0.89	190.15 6.71 0.09	197.20 7.07 -15.90	180.38 11.44 106.80	196.15 7.35 -3.28	174.09 6.66 0.00	224.28 7.58 -30.99	235.71 7.25 -52.40	232.63 8.03 -40.90	185.24 7.07 -19.39	155.79 4.00 -51.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	177.83 3.75 0.00	147.99 3.23 0.00	157.56 3.77 0.00	176.85 4.47 0.00	159.40 4.41 0.00	173.38 5.10 0.00	197.61 6.64 -0.12	261.34 10.54 0.00	172.45 7.05 0.00	146.08 5.89 0.00	150.94 5.62 -0.84	150.02 4.90 0.00	152.73 4.40 0.00	169.62 4.93 0.13	189.44 6.01 0.11	184.58 6.13 -4.21	289.19 11.53 -1.92	194.26 7.69 -1.05	174.16 6.73 0.00	198.10 6.94 -5.45	199.35 6.58 -16.72	203.18 7.29 -12.20	170.36 6.43 -5.14	104.32 3.67 0.00
N.QUEENS_27_KV_LOAD 356247	179.06 4.98 0.00	148.82 4.06 0.00	157.80 4.02 0.00	176.93 4.55 0.00	159.64 4.65 0.00	173.63 5.35 0.00	198.00 7.03 -0.12	261.84 11.04 0.00	173.39 7.99 0.00	147.48 7.28 0.00	152.48 7.14 -0.87	150.90 5.78 0.00	153.43 5.10 0.00	170.43 5.73 0.13	190.39 6.96 0.11	185.72 7.03 -4.45	290.59 12.84 -2.02	195.54 8.94 -1.09	175.61 8.18 0.00	199.77 8.40 -5.66	201.31 7.87 -17.38	204.99 8.56 -12.75	171.57 7.35 -5.43	105.13 4.48 0.00
N.TROY___115KV_TB1 355778	180.55 6.47 0.00	150.62 5.86 0.00	160.21 6.43 0.00	179.16 6.78 0.00	161.34 6.35 0.00	175.61 7.33 0.00	200.32 8.74 -0.73	262.03 11.22 0.00	172.57 7.17 0.00	146.22 6.03 0.00	156.37 6.60 -5.29	151.69 6.57 0.00	154.67 6.34 0.00	172.33 7.50 0.00	191.61 8.07 0.00	216.43 8.30 -33.89	302.46 13.22 -13.50	200.51 8.56 -6.43	175.09 7.66 0.00	228.04 8.83 -33.49	287.35 8.46 -102.83	274.77 8.92 -82.16	206.84 7.67 -40.38	105.09 4.43 0.00
NARROWS_GT1_1 24228	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT1_2 24229	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT1_3 24230	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT1_4 24231	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT1_5 24232	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00

NARROWS_GT1_6 24233	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT1_7 24234	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT1_8 24235	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_1 24236	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_2 24237	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_3 24238	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_4 24239	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_5 24240	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_6 24241	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_7 24242	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NARROWS_GT2_8 24243	178.95 4.87 0.00	148.96 4.20 0.00	158.25 4.47 0.00	177.29 4.91 0.00	159.87 4.88 0.00	174.13 5.85 0.00	198.58 7.61 -0.12	262.69 11.89 0.00	173.94 8.54 0.00	147.80 7.61 0.00	152.72 7.37 -0.87	151.43 6.31 0.00	154.04 5.70 0.00	171.17 6.48 0.13	191.27 7.85 0.11	186.47 7.79 -4.45	292.03 14.28 -2.02	196.44 9.84 -1.09	175.95 8.52 0.00	200.33 8.95 -5.66	201.84 8.40 -17.38	205.41 8.97 -12.75	171.98 7.77 -5.43	105.13 4.48 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	183.71 9.63 0.00	152.97 8.21 0.00	162.72 8.94 0.00	182.22 9.84 0.00	164.08 9.09 0.00	178.65 10.38 0.00	203.47 12.31 -0.31	266.90 16.09 0.00	175.26 9.86 0.00	147.47 7.27 0.00	154.24 7.58 -2.19	152.29 7.18 0.00	155.90 7.56 0.00	174.53 9.80 0.10	194.59 11.14 0.09	198.86 11.53 -13.10	299.12 17.96 -5.42	200.79 12.59 -2.68	178.47 11.04 0.00	211.95 12.26 -13.98	230.87 11.89 -42.91	229.32 12.26 -33.37	184.88 10.36 -15.73	107.18 6.53 0.00
NCHELSEA_115KV_TR2 355582	180.79 6.71 0.00	150.27 5.51 0.00	159.88 6.09 0.00	179.18 6.80 0.00	161.45 6.46 0.00	175.70 7.43 0.00	200.45 9.47 -0.12	265.06 14.26 0.00	174.94 9.54 0.00	148.13 7.94 0.00	153.02 7.66 -0.88	152.09 6.97 0.00	154.93 6.60 0.00	172.31 7.61 0.13	192.36 8.93 0.11	187.66 8.94 -4.48	293.78 16.01 -2.03	197.32 10.71 -1.09	176.95 9.52 0.00	201.41 10.01 -5.69	202.82 9.29 -17.47	206.73 10.22 -12.82	173.20 8.95 -5.47	105.84 5.19 0.00
NEG CAPITAL___MECHNVIL 23645	184.08 10.00 0.00	153.45 8.70 0.00	163.28 9.49 0.00	182.70 10.32 0.00	164.48 9.49 0.00	179.13 10.86 0.00	204.67 13.08 -0.75	267.92 17.11 0.00	176.27 10.87 0.00	148.94 8.74 0.00	158.84 9.01 -5.35	154.28 9.17 0.00	157.32 8.99 0.00	175.44 10.62 0.00	195.26 11.73 0.00	220.39 11.82 -34.33	308.54 19.09 -13.72	204.80 12.74 -6.54	178.96 11.53 0.00	232.68 12.94 -34.03	292.64 12.10 -104.48	279.53 12.35 -83.49	210.27 10.45 -41.03	106.70 6.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	166.21 -7.83 0.04	136.76 -7.06 0.94	145.79 -8.00 0.00	162.94 -9.44 0.00	145.87 -9.12 0.00	156.27 -12.00 0.00	171.91 -13.81 5.13	227.83 -18.54 4.44	153.44 -11.95 0.00	130.37 -9.82 0.00	134.20 -10.28 0.00	135.13 -9.98 0.00	138.60 -9.73 0.00	152.77 -11.45 0.60	170.93 -12.09 0.51	156.84 -11.82 5.58	253.06 -17.87 4.81	169.46 -11.09 4.96	152.74 -9.74 4.95	169.38 -10.99 5.35	160.36 -10.51 5.19	161.32 -12.24 10.13	140.78 -10.78 7.22	94.26 -6.39 0.00

NEG CENTRAL___DRP 24199	171.49 -2.59 0.00	142.01 -2.75 0.00	150.63 -3.15 0.00	168.59 -3.79 0.00	151.39 -3.60 0.00	163.31 -4.97 0.00	185.58 -5.27 0.00	243.70 -7.11 0.00	160.77 -4.63 0.00	135.80 -4.39 0.00	139.86 -4.61 0.00	140.64 -4.47 0.00	144.12 -4.21 0.00	159.41 -4.96 0.46	178.39 -4.76 0.39	165.34 -4.60 4.29	268.43 -6.35 0.96	181.57 -3.95 0.00	164.01 -3.42 0.00	181.68 -4.04 0.00	171.73 -4.33 0.00	174.32 -5.26 4.11	148.93 -4.82 5.04	97.74 -2.91 0.00
NEG CENTRAL___INDECK 23768	164.02 -10.06 0.00	135.19 -9.57 0.00	142.80 -10.98 0.00	159.07 -13.31 0.00	142.15 -12.84 0.00	151.01 -17.27 0.00	302.49 -21.16 -132.80	263.41 -28.39 -40.99	132.76 -17.32 15.32	132.63 -15.19 -7.63	128.08 -16.39 0.00	127.97 -17.14 0.00	130.91 -17.42 0.00	144.75 -19.46 0.61	162.78 -20.24 0.52	148.34 -19.61 6.28	335.38 -29.35 -89.00	288.42 -19.16 -122.06	285.10 -17.16 -134.83	311.75 -19.59 -145.62	298.56 -18.91 -141.41	282.68 -21.45 -120.44	146.68 -18.66 -6.56	90.05 -10.59 0.01
NEG CENTRAL___SENECA 23627	171.32 -2.77 0.00	141.81 -2.95 0.00	150.31 -3.48 0.00	168.19 -4.19 0.00	150.88 -4.11 0.00	162.38 -5.90 0.00	184.45 -6.40 0.00	242.21 -8.59 0.00	159.81 -5.59 0.00	135.22 -4.97 0.00	139.18 -5.30 0.00	140.07 -5.05 0.00	143.62 -4.71 0.00	158.54 -5.75 0.53	177.60 -5.49 0.45	163.88 -5.40 4.96	267.01 -7.62 1.11	180.92 -4.59 0.00	163.49 -3.94 0.00	181.03 -4.68 0.00	171.22 -4.84 0.00	172.80 -6.14 4.75	147.45 -5.52 5.82	97.37 -3.28 0.00
NEG CENTRAL___STATE_STREET 24147	173.01 -1.07 0.00	142.95 -1.81 0.00	151.78 -2.01 0.00	170.02 -2.36 0.00	152.97 -2.02 0.00	165.47 -2.81 0.00	190.97 -2.37 -2.49	279.70 -3.41 -32.30	202.60 -2.00 -39.21	138.29 -2.88 -0.98	141.79 -2.69 0.00	142.46 -2.66 0.00	145.84 -2.49 0.00	161.50 -2.90 0.42	180.42 -2.75 0.36	168.34 -2.24 3.66	275.39 -2.67 -2.33	189.85 -1.79 -6.12	165.99 -1.44 0.00	183.82 -1.89 0.00	173.27 -2.79 0.00	178.97 -3.07 1.65	153.68 -2.85 2.27	98.89 -1.77 0.00
NEG MILLWOOD___DRP 24198	181.29 7.21 0.00	150.88 6.13 0.00	160.55 6.76 0.00	179.83 7.45 0.00	162.10 7.11 0.00	176.49 8.22 0.00	201.43 10.45 -0.13	266.43 15.63 0.00	175.83 10.43 0.00	149.03 8.84 0.00	153.89 8.53 -0.88	152.81 7.70 0.00	155.59 7.25 0.00	172.86 8.17 0.13	193.08 9.65 0.11	188.38 9.61 -4.53	294.96 17.18 -2.05	198.30 11.68 -1.10	177.92 10.49 0.00	202.51 11.06 -5.74	204.03 10.35 -17.62	207.76 11.12 -12.95	173.92 9.59 -5.53	106.22 5.57 0.00
NEG NORTH_FLCN_SEA 23793	180.36 6.28 0.00	151.04 6.29 0.00	160.36 6.58 0.00	179.63 7.25 0.00	161.92 6.93 0.00	176.43 8.16 0.00	199.28 8.42 0.00	262.30 11.50 0.00	172.89 7.49 0.00	147.07 6.87 0.00	151.70 7.22 0.00	152.30 7.19 0.00	155.65 7.32 0.00	172.97 8.14 0.00	192.34 8.80 0.00	181.82 7.58 0.00	287.25 11.52 0.00	192.44 6.93 0.00	173.80 6.37 0.00	193.96 8.24 0.00	183.84 7.78 0.00	190.78 7.10 0.00	163.74 4.96 0.00	102.92 2.27 0.00
NEG NORTH_KES_CHATEGAY 23792	178.96 4.88 0.00	149.23 4.48 0.00	158.36 4.58 0.00	177.60 5.22 0.00	159.99 5.00 0.00	174.23 5.95 0.00	196.82 5.97 0.00	258.95 8.14 0.00	170.84 5.44 0.00	145.20 5.01 0.00	149.78 5.30 0.00	150.45 5.34 0.00	153.87 5.54 0.00	170.76 5.93 0.00	189.76 6.23 0.00	179.43 5.20 0.00	283.59 7.86 0.00	190.47 4.95 0.00	172.15 4.72 0.00	191.83 6.12 0.00	182.07 6.02 0.00	189.07 5.38 0.00	162.39 3.60 0.00	102.51 1.85 0.00
NEG NORTH___ALICE_FALLS 23915	185.64 11.55 0.00	154.91 10.15 0.00	164.39 10.60 0.00	184.34 11.96 0.00	166.06 11.07 0.00	181.08 12.80 0.00	205.06 14.21 0.00	270.28 19.48 0.00	178.18 12.79 0.00	151.25 11.06 0.00	155.49 11.02 0.00	156.53 11.42 0.00	159.89 11.56 0.00	177.29 12.46 0.00	197.30 13.77 0.00	186.52 12.28 0.00	295.41 19.68 0.00	198.94 13.42 0.00	180.02 12.59 0.00	200.50 14.79 0.00	190.01 13.95 0.00	196.90 13.21 0.00	168.70 9.91 0.00	106.03 5.38 0.00
NEG NORTH___LWR_SARANAC 23913	185.64 11.55 0.00	154.91 10.15 0.00	164.39 10.60 0.00	184.34 11.96 0.00	166.06 11.07 0.00	181.08 12.80 0.00	205.06 14.21 0.00	270.28 19.48 0.00	178.18 12.79 0.00	151.25 11.06 0.00	155.49 11.02 0.00	156.53 11.42 0.00	159.89 11.56 0.00	177.29 12.46 0.00	197.30 13.77 0.00	186.52 12.28 0.00	295.41 19.68 0.00	198.94 13.42 0.00	180.02 12.59 0.00	200.50 14.79 0.00	190.01 13.95 0.00	196.90 13.21 0.00	168.70 9.91 0.00	106.03 5.38 0.00
NEG NORTH___PLATTSBURG 23628	185.63 11.55 0.00	154.90 10.15 0.00	164.38 10.60 0.00	184.34 11.96 0.00	166.06 11.08 0.00	181.08 12.80 0.00	205.09 14.24 0.00	270.28 19.48 0.00	178.20 12.80 0.00	151.26 11.06 0.00	155.50 11.02 0.00	156.53 11.42 0.00	159.89 11.56 0.00	177.29 12.46 0.00	197.29 13.75 0.00	186.52 12.28 0.00	295.44 19.70 0.00	198.96 13.44 0.00	180.02 12.58 0.00	200.51 14.79 0.00	190.03 13.97 0.00	196.90 13.21 0.00	168.72 9.93 0.00	106.04 5.39 0.00
NEG WEST_LEA_LOCKPORT 23791	162.48 -11.60 0.00	134.35 -10.41 0.00	141.55 -12.23 0.00	157.49 -14.89 0.00	139.87 -15.12 0.00	146.10 -22.18 0.00	122.53 -28.06 40.26	108.19 -39.65 102.96	62.34 -25.82 77.24	116.49 -19.82 3.88	123.72 -20.76 0.00	125.11 -20.00 0.00	129.55 -18.79 0.00	141.12 -23.08 0.63	158.11 -24.89 0.54	143.33 -24.78 6.13	211.82 -38.90 25.01	126.78 -24.15 34.59	117.93 -20.94 28.56	131.75 -23.11 30.85	125.06 -21.05 29.95	125.80 -22.60 35.29	126.30 -19.46 13.03	89.44 -11.20 0.00
NEG WEST___LANCASTER 23811	168.09 -5.99 0.00	138.69 -6.07 0.00	146.54 -7.24 0.00	163.26 -9.12 0.00	144.97 -10.02 0.00	152.75 -15.52 0.00	138.58 -20.59 31.69	148.42 -27.12 75.26	79.16 -18.27 67.96	123.28 -13.64 3.27	130.28 -14.20 0.00	131.61 -13.50 0.00	135.67 -12.66 0.00	148.26 -15.95 0.62	166.21 -16.79 0.53	150.72 -17.39 6.13	224.52 -26.45 24.76	133.99 -16.75 34.78	126.01 -14.57 26.85	140.26 -16.46 28.99	132.78 -15.12 28.15	132.59 -16.88 34.22	130.92 -14.44 13.44	92.04 -8.61 0.00
NEG_PENN_ALLEGHNY 23528	173.50 -0.62 -0.04	144.07 -1.62 -0.93	152.19 -1.60 0.00	170.51 -1.87 0.00	152.92 -2.07 0.00	165.39 -2.88 0.00	193.70 -3.40 -6.25	237.28 -3.01 10.51	143.95 -2.59 18.86	137.79 -2.32 0.08	142.01 -2.76 -0.30	142.31 -2.80 0.00	145.67 -2.67 0.00	160.58 -3.69 0.56	179.66 -3.41 0.47	167.16 -3.65 3.42	273.79 -4.72 -2.77	185.53 -3.67 -3.68	171.49 -3.21 -7.27	191.54 -3.94 -9.77	185.62 -3.96 -13.51	184.54 -4.56 -5.42	150.52 -3.98 4.29	98.13 -2.52 0.00
NEG___GEN_MONROE 24207	169.37 -4.71 0.00	140.21 -4.55 0.00	148.18 -5.60 0.00	165.30 -7.08 0.00	147.64 -7.35 0.00	157.12 -11.15 0.00	169.62 -13.84 7.38	204.22 -19.37 27.22	126.75 -12.53 26.12	129.62 -9.60 0.97	134.47 -10.01 0.00	135.39 -9.73 0.00	139.35 -8.98 0.00	153.31 -10.88 0.63	171.73 -11.27 0.54	156.89 -11.34 6.01	251.62 -17.01 7.10	166.48 -10.05 8.98	153.24 -8.63 5.56	170.09 -9.62 6.01	161.60 -8.62 5.84	161.07 -10.45 12.16	140.61 -9.24 8.93	95.51 -5.14 0.00
NEPA___ENERGY 23901	167.22 -6.87 0.00	137.11 -7.65 0.00	145.47 -8.32 0.00	161.96 -10.42 0.00	142.97 -12.02 0.00	151.47 -16.80 0.00	135.67 -21.88 33.31	143.36 -29.51 77.94	75.37 -20.06 69.96	122.24 -14.54 3.41	129.07 -15.41 0.00	130.03 -15.08 0.00	134.01 -14.32 0.00	146.05 -18.15 0.62	163.76 -19.25 0.53	148.71 -19.41 6.12	220.89 -29.03 25.82	129.20 -20.02 36.29	121.83 -17.36 28.24	135.18 -20.04 30.50	127.37 -19.08 29.61	127.04 -21.06 35.59	127.56 -17.58 13.65	90.23 -10.41 0.00

NEVERSINK___HYD 23608	178.07 3.99 0.00	147.99 3.23 0.00	157.45 3.66 0.00	176.64 4.26 0.00	159.12 4.13 0.00	173.28 5.01 0.00	197.62 6.66 -0.12	261.52 10.71 0.00	172.28 6.88 0.00	145.47 5.27 0.00	149.96 4.65 -0.84	148.90 3.78 0.00	151.84 3.50 0.00	169.31 4.62 0.13	189.07 5.65 0.11	184.06 5.66 -4.17	288.84 11.19 -1.91	194.14 7.58 -1.04	174.19 6.76 0.00	198.08 6.95 -5.42	198.95 6.25 -16.64	202.65 6.85 -12.11	169.81 5.94 -5.08	103.91 3.26 0.00
NEWKRMKL_115KV_TB1 55635	177.82 3.74 0.00	148.20 3.44 0.00	157.66 3.88 0.00	176.52 4.14 0.00	158.89 3.90 0.00	172.87 4.60 0.00	196.48 5.19 -0.45	257.42 6.62 0.00	169.78 4.38 0.00	144.27 4.08 0.00	152.90 5.21 -3.22	150.27 5.16 0.00	153.42 5.09 0.00	170.65 5.83 0.00	189.78 6.25 0.00	201.28 6.39 -20.66	293.59 9.58 -8.27	195.57 6.12 -3.94	172.29 4.85 0.00	211.93 5.69 -20.52	244.77 5.70 -63.01	240.24 6.20 -50.35	189.07 5.54 -24.74	104.22 3.57 0.00
NEWTON___FALLS_HYD 23847	180.55 6.47 0.00	150.12 5.36 0.00	159.70 5.91 0.00	179.03 6.65 0.00	160.60 5.61 0.00	173.50 5.23 0.00	196.55 5.70 0.00	256.90 6.10 0.00	168.81 3.41 0.00	142.47 2.28 0.00	147.94 3.46 0.00	149.56 4.44 0.00	152.43 4.10 0.00	168.17 3.34 0.00	185.68 2.15 0.00	175.37 1.13 0.00	275.38 -0.35 0.00	186.52 1.01 0.00	168.68 1.25 0.00	186.40 0.69 0.00	176.20 0.14 0.00	183.92 0.23 0.00	159.21 0.42 0.00	101.26 0.61 0.00
NGRID_A1_DSASP 323792	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	116.03 -21.04 3.12	122.78 -21.70 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.35 -24.28 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
NGRID_A2_DSASP 323793	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	116.03 -21.04 3.12	122.78 -21.70 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.35 -24.28 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
NGRID_A4_DSASP 323807	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	115.93 -21.14 3.13	122.69 -21.79 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.29 -24.34 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
NIAGARA_115E_LBMP 323715	161.35 -12.62 0.11	131.17 -11.22 2.37	140.48 -13.31 0.00	156.30 -16.08 0.00	138.84 -16.15 0.00	144.82 -23.45 0.00	130.30 -28.87 31.69	146.24 -41.76 62.80	83.11 -26.98 55.31	116.17 -21.00 3.02	122.41 -22.06 0.00	123.66 -21.45 0.00	128.18 -20.16 0.00	139.54 -24.65 0.63	156.25 -26.74 0.54	141.68 -26.43 6.13	209.60 -41.27 24.86	125.57 -25.52 34.43	117.08 -22.12 28.23	130.62 -24.61 30.49	123.95 -22.51 29.60	125.46 -23.19 35.03	125.34 -20.40 13.06	88.94 -11.70 0.00
NIAGARA_115W_LBMP 323714	162.20 -11.76 0.11	131.88 -10.49 2.40	141.48 -12.30 0.00	157.33 -15.05 0.00	139.62 -15.37 0.00	145.77 -22.50 0.00	130.23 -28.12 32.50	144.85 -40.02 65.93	82.19 -25.99 57.22	115.75 -21.33 3.12	122.38 -22.10 0.00	124.15 -20.96 0.00	128.40 -19.93 0.00	139.73 -24.46 0.63	156.70 -26.30 0.54	141.95 -26.14 6.15	210.98 -39.69 25.06	126.70 -24.18 34.64	118.25 -20.80 28.38	131.92 -23.14 30.65	125.04 -21.26 29.76	125.09 -23.43 35.17	125.77 -19.95 13.07	89.33 -11.32 0.00
NIAGARA_230_LBMP 323716	162.85 -11.12 0.11	132.39 -10.00 2.37	142.04 -11.75 0.00	158.00 -14.37 0.00	140.27 -14.71 0.00	146.72 -21.55 0.00	132.15 -27.03 31.67	147.05 -38.17 65.59	84.80 -24.72 55.88	117.78 -19.40 3.02	124.17 -20.30 0.00	125.73 -19.39 0.00	129.99 -18.34 0.00	141.77 -22.42 0.63	158.82 -24.18 0.54	144.13 -23.95 6.15	214.54 -37.19 24.01	129.29 -23.07 33.15	120.20 -19.96 27.27	134.14 -22.12 29.45	127.13 -20.33 28.60	127.17 -22.48 34.03	126.92 -19.01 12.85	89.82 -10.83 0.00
NIAGARA___115KV_198_GIBSON 55903	162.30 -11.78 0.00	134.25 -10.51 0.00	141.52 -12.27 0.00	157.31 -15.06 0.00	139.62 -15.37 0.00	145.77 -22.50 0.00	129.61 -28.74 32.50	144.36 -40.52 65.93	81.86 -26.32 57.21	115.78 -21.30 3.12	122.40 -22.07 0.00	124.18 -20.94 0.00	128.46 -19.87 0.00	139.70 -24.49 0.63	156.65 -26.35 0.54	141.75 -26.34 6.15	210.46 -40.22 25.06	126.28 -24.59 34.64	117.98 -21.06 28.38	131.73 -23.33 30.65	124.88 -21.42 29.76	124.72 -23.79 35.17	125.78 -19.94 13.07	89.32 -11.32 0.00
NIAGARA____ 23760	162.85 -11.12 0.11	132.38 -10.00 2.37	142.04 -11.75 0.00	158.00 -14.37 0.00	140.27 -14.71 0.00	146.72 -21.55 0.00	132.08 -27.03 31.74	147.81 -38.17 64.83	84.87 -24.72 55.82	117.77 -19.40 3.02	124.17 -20.30 0.00	125.73 -19.39 0.00	129.99 -18.34 0.00	141.77 -22.42 0.63	158.82 -24.18 0.54	144.14 -23.95 6.15	214.24 -37.19 24.31	128.86 -23.07 33.59	119.88 -19.96 27.59	133.77 -22.12 29.82	126.78 -20.33 28.95	126.95 -22.48 34.26	126.88 -19.01 12.89	89.82 -10.83 0.00
NINE_MILE_1 23575	166.95 -7.13 0.00	138.61 -6.14 0.00	147.19 -6.60 0.00	164.89 -7.49 0.00	148.15 -6.84 0.00	160.47 -7.79 0.02	182.09 -8.76 0.00	239.05 -11.75 0.00	157.69 -7.71 0.00	133.39 -6.80 0.00	137.43 -7.05 0.00	138.03 -7.08 0.00	141.22 -7.12 0.00	151.68 -7.87 5.27	170.74 -8.33 4.47	117.20 -7.99 49.04	252.44 -12.35 10.95	177.30 -8.22 0.00	160.05 -7.38 0.00	177.38 -8.33 0.00	168.08 -7.98 0.00	128.23 -8.50 46.96	93.78 -7.44 57.57	95.97 -4.68 0.00
NINE_MILE_2 23744	166.95 -7.13 0.00	138.63 -6.13 0.00	147.22 -6.56 0.00	164.92 -7.46 0.00	148.18 -6.81 0.00	160.50 -7.76 0.02	182.11 -8.74 0.00	239.08 -11.72 0.00	157.71 -7.69 0.00	133.41 -6.79 0.00	137.43 -7.05 0.00	138.03 -7.08 0.00	141.22 -7.12 0.00	151.67 -7.85 5.31	170.72 -8.31 4.51	116.84 -7.98 49.41	252.36 -12.34 11.03	177.30 -8.22 0.00	160.05 -7.38 0.00	177.39 -8.32 0.00	168.08 -7.98 0.00	127.89 -8.48 47.32	93.35 -7.43 58.01	95.98 -4.67 0.00
NM_CAPITAL___DRP 24208	178.08 4.00 0.00	148.43 3.67 0.00	157.90 4.11 0.00	176.72 4.34 0.00	159.09 4.10 0.00	173.10 4.82 0.00	196.89 5.56 -0.48	257.88 7.08 0.00	170.11 4.71 0.00	144.45 4.26 0.00	153.22 5.28 -3.47	150.31 5.20 0.00	153.40 5.07 0.00	170.72 5.90 0.00	189.85 6.31 0.00	202.94 6.44 -22.26	294.31 9.66 -8.91	195.91 6.14 -4.25	172.43 5.00 0.00	213.72 5.90 -22.11	249.86 5.91 -67.89	244.35 6.42 -54.25	191.11 5.66 -26.66	104.18 3.53 0.00
NM_CENTRAL___DRP 24181	169.98 -4.10 0.00	141.03 -3.73 0.00	149.74 -4.04 0.00	167.77 -4.61 0.00	150.73 -4.26 0.00	163.27 -5.01 0.00	185.40 -5.45 0.00	245.34 -7.06 -1.60	172.60 -4.78 -11.98	136.16 -4.33 -0.30	139.90 -4.58 0.00	140.57 -4.54 0.00	143.86 -4.48 0.00	159.17 -5.03 0.62	178.01 -5.00 0.53	163.54 -4.93 5.76	267.20 -7.25 1.29	180.65 -4.87 0.00	163.02 -4.41 0.00	180.63 -5.08 0.00	171.07 -4.99 0.00	172.76 -5.41 5.51	147.13 -4.90 6.76	97.58 -3.07 0.00

NM_FRONTIER___DRP 24179	162.30 -11.78 0.00	134.25 -10.51 0.00	141.52 -12.27 0.00	157.31 -15.06 0.00	139.62 -15.37 0.00	145.77 -22.50 0.00	129.61 -28.74 32.50	144.36 -40.52 65.93	81.86 -26.32 57.21	115.78 -21.30 3.12	122.40 -22.07 0.00	124.18 -20.94 0.00	128.46 -19.87 0.00	139.70 -24.49 0.63	156.65 -26.35 0.54	141.75 -26.34 6.15	210.46 -40.22 25.06	126.28 -24.59 34.64	117.98 -21.06 28.38	131.73 -23.33 30.65	124.88 -21.42 29.76	124.72 -23.79 35.17	125.78 -19.94 13.07	89.32 -11.32 0.00
NM_ST_REGIS___HYD 24053	180.68 6.59 0.00	150.65 5.89 0.00	159.90 6.11 0.00	179.36 6.98 0.00	161.09 6.10 0.00	174.23 5.95 0.00	196.66 5.81 0.00	257.50 6.69 0.00	169.73 4.33 0.00	144.08 3.89 0.00	149.44 4.97 0.00	150.84 5.73 0.00	154.11 5.78 0.00	170.09 5.26 0.00	188.31 4.78 0.00	178.00 3.76 0.00	280.94 5.20 0.00	189.69 4.17 0.00	171.66 4.23 0.00	190.73 5.01 0.00	180.70 4.64 0.00	187.99 4.30 0.00	162.55 3.77 0.00	103.29 2.64 0.00
NORTHPORT___1 23551	124.55 4.18 53.71	138.79 3.79 9.77	126.25 3.68 31.22	161.56 3.69 14.51	127.83 4.72 31.88	127.50 5.82 46.60	138.74 7.04 59.15	125.97 7.76 132.60	127.49 7.33 45.23	132.67 7.38 14.90	130.61 6.62 20.48	127.65 5.27 22.73	127.83 4.53 25.04	127.83 4.86 41.85	128.64 6.65 61.55	130.40 4.79 48.63	272.65 10.04 13.13	160.95 7.77 32.34	125.16 7.58 49.86	134.86 8.29 59.14	137.67 7.01 45.40	128.07 9.10 64.72	124.78 7.84 41.85	106.71 6.06 0.00
NORTHPORT___2 23552	124.55 4.18 53.71	138.79 3.79 9.77	126.25 3.68 31.22	161.56 3.69 14.51	127.83 4.72 31.88	127.50 5.82 46.60	138.74 7.04 59.15	125.97 7.76 132.60	127.49 7.33 45.23	132.67 7.38 14.90	130.61 6.62 20.48	127.65 5.27 22.73	127.83 4.53 25.04	127.83 4.86 41.85	128.64 6.65 61.55	130.40 4.79 48.63	272.65 10.04 13.13	160.95 7.77 32.34	125.16 7.58 49.86	134.86 8.29 59.14	137.67 7.01 45.40	128.07 9.10 64.72	124.78 7.84 41.85	106.71 6.06 0.00
NORTHPORT___3 23553	146.70 4.18 31.55	142.82 3.79 5.74	139.05 3.61 18.34	167.46 3.60 8.52	140.86 4.60 18.73	146.63 5.74 27.38	163.17 7.02 34.70	180.72 7.81 77.90	146.11 7.28 26.57	138.77 7.33 8.75	139.31 6.51 11.67	136.98 5.22 13.36	138.11 4.48 14.71	145.00 4.82 24.64	153.87 6.53 36.20	152.31 4.81 26.73	279.02 10.16 6.88	174.77 7.80 18.55	145.69 7.56 29.29	161.56 8.25 32.41	163.56 6.99 19.50	159.95 9.02 32.76	144.19 7.75 22.35	106.67 6.02 0.00
NORTHPORT___4 23650	146.70 4.18 31.55	142.82 3.79 5.74	139.05 3.61 18.34	167.46 3.60 8.52	140.86 4.60 18.73	146.63 5.74 27.38	163.17 7.02 34.70	180.72 7.81 77.90	146.11 7.28 26.57	138.77 7.33 8.75	139.31 6.51 11.67	136.98 5.22 13.36	138.11 4.48 14.71	145.00 4.82 24.64	153.87 6.53 36.20	152.31 4.81 26.73	279.02 10.16 6.88	174.77 7.80 18.55	145.69 7.56 29.29	161.56 8.25 32.41	163.56 6.99 19.50	159.95 9.02 32.76	144.19 7.75 22.35	106.67 6.02 0.00
NORTHPORT___IC 23718	124.55 4.18 53.71	138.81 3.82 9.77	126.23 3.66 31.22	161.55 3.67 14.51	127.81 4.69 31.88	127.50 5.82 46.60	138.90 7.19 59.15	126.10 7.90 132.60	127.49 7.32 45.23	132.68 7.38 14.90	130.62 6.62 20.48	127.66 5.28 22.73	127.82 4.52 25.04	127.87 4.90 41.85	128.66 6.67 61.55	130.46 4.85 48.63	272.79 10.19 13.13	161.00 7.82 32.34	125.23 7.65 49.86	134.90 8.32 59.14	137.71 7.05 45.40	128.11 9.14 64.72	124.80 7.86 41.85	106.71 6.05 0.00
NORTH___COUNTRY_ESR 323785	178.28 4.20 0.00	148.63 3.87 0.00	157.74 3.96 0.00	176.91 4.53 0.00	159.36 4.38 0.00	173.48 5.20 0.00	195.94 5.09 0.00	257.72 6.92 0.00	170.14 4.74 0.00	144.66 4.47 0.00	149.23 4.75 0.00	149.96 4.85 0.00	153.37 5.04 0.00	170.24 5.41 0.00	189.20 5.66 0.00	178.86 4.63 0.00	282.45 6.72 0.00	189.59 4.08 0.00	171.32 3.89 0.00	190.96 5.25 0.00	181.20 5.13 0.00	188.18 4.49 0.00	161.70 2.92 0.00	102.12 1.47 0.00
NPX_GEN_1385_PROXY 323591	126.41 6.04 53.71	141.39 6.40 9.77	128.78 6.22 31.22	174.18 7.57 5.77	160.94 8.18 2.23	131.00 9.32 46.60	157.22 11.12 44.75	129.17 10.97 132.60	129.85 9.68 45.23	154.03 10.47 -3.37	133.60 9.60 20.48	129.94 7.56 22.73	130.29 6.99 25.04	130.88 7.91 41.85	151.97 10.62 42.19	133.53 7.92 48.63	278.09 15.48 13.13	164.12 10.94 32.34	127.92 10.35 49.86	216.53 12.36 -18.45	141.53 10.87 45.40	132.03 13.06 64.72	127.53 10.59 41.85	108.17 7.52 0.00
NPX_GEN_CSC 323557	192.34 7.88 -10.38	153.45 6.79 -1.90	166.61 6.75 -6.07	182.18 6.98 -2.82	169.58 8.39 -6.20	187.05 9.72 -9.06	212.86 10.36 -11.65	285.30 8.71 -25.79	183.30 9.10 -8.80	153.68 10.59 -2.90	159.03 9.52 -5.02	157.35 7.81 -4.42	160.22 7.02 -4.87	180.33 7.52 -7.99	205.40 10.02 -11.84	192.60 3.60 -14.77	287.23 6.53 -4.96	198.07 4.96 -7.59	183.81 6.68 -9.70	212.16 8.19 -18.26	212.62 6.96 -29.59	224.00 12.49 -27.82	184.30 10.89 -14.62	108.26 7.60 0.00
NSINS_S_GLNS_FALLS 23858	187.72 13.64 0.00	156.64 11.88 0.00	166.91 13.13 0.00	186.59 14.21 0.00	168.27 13.28 0.00	183.59 15.31 0.00	210.11 18.54 -0.72	275.08 24.27 0.00	180.95 15.55 0.00	152.43 12.23 0.00	161.98 12.31 -5.19	157.65 12.54 0.00	160.47 12.13 0.00	179.01 14.18 0.00	199.30 15.76 0.00	223.12 15.57 -33.31	314.71 25.65 -13.32	209.15 17.28 -6.35	183.29 15.86 0.00	236.75 17.98 -33.05	293.80 16.25 -101.49	280.67 15.88 -81.09	212.09 13.45 -39.85	108.23 7.58 0.00
NUCOR_STEEL___DRP 24197	172.90 -1.18 0.00	142.81 -1.95 0.00	151.63 -2.16 0.00	169.83 -2.55 0.00	152.85 -2.14 0.00	165.33 -2.95 0.00	190.72 -2.46 -2.33	277.60 -3.51 -30.30	199.97 -2.22 -36.79	138.05 -3.06 -0.92	141.61 -2.87 0.00	142.28 -2.84 0.00	145.71 -2.62 0.00	161.42 -3.00 0.40	180.07 -3.12 0.34	168.14 -2.57 3.53	274.92 -2.96 -2.15	189.15 -2.08 -5.71	165.77 -1.66 0.00	183.63 -2.08 0.00	173.08 -2.98 0.00	178.90 -3.15 1.64	153.64 -2.90 2.25	98.87 -1.78 0.00
NUMBER_THREE_WT_PWR 323818	183.90 9.82 0.00	152.38 7.62 0.00	162.17 8.39 0.00	181.76 9.38 0.00	163.04 8.05 0.00	176.32 8.04 0.00	200.46 9.61 0.00	262.36 11.55 0.00	171.98 6.58 0.00	144.22 4.03 0.00	149.75 5.27 0.00	151.68 6.57 0.00	154.15 5.82 0.00	170.20 5.38 0.00	187.15 3.61 0.00	176.61 2.37 0.00	276.99 1.25 0.00	188.18 2.66 0.00	169.99 2.56 0.00	186.66 0.95 0.00	175.92 -0.15 0.00	183.07 -0.62 0.00	158.45 -0.34 0.00	100.63 -0.02 0.00
NYISO_LBMP_REFERENCE 24008	174.08 0.00 0.00	144.76 0.00 0.00	153.79 0.00 0.00	172.38 0.00 0.00	154.99 0.00 0.00	168.27 0.00 0.00	190.85 0.00 0.00	250.80 0.00 0.00	165.40 0.00 0.00	140.19 0.00 0.00	144.48 0.00 0.00	145.11 0.00 0.00	148.33 0.00 0.00	164.83 0.00 0.00	183.53 0.00 0.00	174.24 0.00 0.00	275.74 0.00 0.00	185.52 0.00 0.00	167.43 0.00 0.00	185.71 0.00 0.00	176.06 0.00 0.00	183.69 0.00 0.00	158.79 0.00 0.00	100.65 0.00 0.00
NYPA_BRENTWD____GT 24164	191.28 8.14 -9.06	153.27 6.87 -1.64	166.16 7.13 -5.24	182.17 7.35 -2.44	168.44 8.10 -5.36	185.69 9.59 -7.83	212.16 11.23 -10.08	286.80 13.72 -22.27	184.07 11.07 -7.60	153.18 10.49 -2.50	158.66 9.73 -4.46	157.31 8.38 -3.82	160.19 7.66 -4.20	180.01 8.31 -6.88	204.55 10.80 -10.21	196.11 8.51 -13.36	295.42 15.12 -4.56	204.42 12.20 -6.70	187.49 11.69 -8.37	215.04 12.78 -16.54	215.08 11.09 -27.93	222.62 13.16 -25.76	183.25 11.09 -13.37	108.22 7.57 0.00

NYPA_GOWANUS____GT5 24156	178.89 4.81 0.00	148.93 4.17 0.00	158.21 4.42 0.00	177.26 4.88 0.00	159.83 4.84 0.00	174.07 5.79 0.00	198.52 7.55 -0.12	262.61 11.81 0.00	173.85 8.46 0.00	147.78 7.59 0.00	152.68 7.33 -0.87	151.40 6.29 0.00	154.01 5.68 0.00	171.11 6.41 0.13	191.18 7.75 0.11	186.44 7.76 -4.45	291.98 14.22 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.25 8.88 -5.66	201.75 8.31 -17.38	205.28 8.84 -12.75	171.95 7.73 -5.43	105.10 4.46 0.00
NYPA_GOWANUS____GT6 24157	178.89 4.81 0.00	148.93 4.17 0.00	158.21 4.42 0.00	177.26 4.88 0.00	159.83 4.84 0.00	174.07 5.79 0.00	198.52 7.55 -0.12	262.61 11.81 0.00	173.85 8.46 0.00	147.78 7.59 0.00	152.68 7.33 -0.87	151.40 6.29 0.00	154.01 5.68 0.00	171.11 6.41 0.13	191.18 7.75 0.11	186.44 7.76 -4.45	291.98 14.22 -2.02	196.38 9.78 -1.09	175.91 8.48 0.00	200.25 8.88 -5.66	201.75 8.31 -17.38	205.28 8.84 -12.75	171.95 7.73 -5.43	105.10 4.46 0.00
NYPA_HARLEM__RVR__GT1 24160	178.66 4.58 0.00	148.65 3.89 0.00	157.75 3.97 0.00	176.84 4.46 0.00	159.39 4.40 0.00	173.29 5.01 0.00	197.40 6.43 -0.12	261.14 10.33 0.00	172.92 7.52 0.00	147.09 6.89 0.00	152.17 6.82 -0.87	150.64 5.53 0.00	153.24 4.91 0.00	170.18 5.49 0.13	190.17 6.74 0.11	185.39 6.72 -4.45	289.98 12.23 -2.02	195.10 8.49 -1.09	175.21 7.78 0.00	199.45 8.08 -5.66	201.04 7.60 -17.38	204.67 8.24 -12.75	171.34 7.13 -5.43	104.97 4.32 0.00
NYPA_HARLEM__RVR__GT2 24161	178.66 4.58 0.00	148.65 3.89 0.00	157.75 3.97 0.00	176.84 4.46 0.00	159.39 4.40 0.00	173.29 5.01 0.00	197.40 6.43 -0.12	261.14 10.33 0.00	172.92 7.52 0.00	147.09 6.89 0.00	152.17 6.82 -0.87	150.64 5.53 0.00	153.24 4.91 0.00	170.18 5.49 0.13	190.17 6.74 0.11	185.39 6.72 -4.45	289.98 12.23 -2.02	195.10 8.49 -1.09	175.21 7.78 0.00	199.45 8.08 -5.66	201.04 7.60 -17.38	204.67 8.24 -12.75	171.34 7.13 -5.43	104.97 4.32 0.00
NYPA_KENT____GT 24152	178.83 4.75 0.00	148.94 4.18 0.00	158.25 4.47 0.00	177.27 4.89 0.00	159.84 4.85 0.00	174.06 5.78 0.00	198.51 7.54 -0.12	262.65 11.85 0.00	173.91 8.51 0.00	147.86 7.67 0.00	152.75 7.39 -0.87	151.45 6.34 0.00	154.05 5.72 0.00	171.15 6.46 0.13	191.15 7.72 0.11	186.37 7.69 -4.45	291.89 14.13 -2.02	196.38 9.78 -1.09	175.95 8.52 0.00	200.31 8.93 -5.66	201.88 8.44 -17.38	205.42 8.98 -12.75	172.09 7.88 -5.43	105.22 4.57 0.00
NYPA_POUCH1____GT 24155	178.53 4.45 0.00	148.53 3.77 0.00	157.78 4.00 0.00	176.76 4.38 0.00	159.36 4.38 0.00	108.25 5.16 65.19	145.66 7.23 52.42	237.72 11.55 24.63	134.10 8.48 39.78	87.95 7.39 59.64	93.32 7.09 58.25	99.44 6.01 51.69	99.65 5.41 54.09	95.90 6.09 75.02	104.90 7.39 86.03	126.38 7.47 55.32	244.66 13.93 45.01	139.99 9.74 55.27	139.81 8.47 36.08	141.72 8.92 52.92	155.61 8.25 28.70	130.64 8.62 61.66	91.89 7.40 74.30	94.61 4.36 10.40
NYPA_VERNON____GT2 24162	178.98 4.90 0.00	149.10 4.34 0.00	158.41 4.62 0.00	177.43 5.05 0.00	159.99 5.00 0.00	174.15 5.88 0.00	198.54 7.56 -0.12	262.81 12.00 0.00	174.05 8.66 0.00	148.04 7.85 0.00	152.89 7.54 -0.87	151.62 6.50 0.00	154.25 5.92 0.00	171.29 6.59 0.13	191.27 7.84 0.11	186.46 7.78 -4.45	292.06 14.31 -2.02	196.53 9.93 -1.09	176.12 8.69 0.00	200.45 9.07 -5.66	202.05 8.61 -17.38	205.65 9.21 -12.75	172.30 8.09 -5.43	105.37 4.72 0.00
NYPA_VERNON____GT3 24163	178.98 4.90 0.00	149.10 4.34 0.00	158.41 4.62 0.00	177.43 5.05 0.00	159.99 5.00 0.00	174.15 5.88 0.00	198.54 7.56 -0.12	262.81 12.00 0.00	174.05 8.66 0.00	148.04 7.85 0.00	152.89 7.54 -0.87	151.62 6.50 0.00	154.25 5.92 0.00	171.29 6.59 0.13	191.27 7.84 0.11	186.46 7.78 -4.45	292.06 14.31 -2.02	196.53 9.93 -1.09	176.12 8.69 0.00	200.45 9.07 -5.66	202.05 8.61 -17.38	205.65 9.21 -12.75	172.30 8.09 -5.43	105.37 4.72 0.00
NYPA____ASTORIA_CC1 323568	178.63 4.55 0.00	148.85 4.10 0.00	158.11 4.32 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.77 5.49 0.00	198.15 7.18 -0.12	262.29 11.49 0.00	173.75 8.35 0.00	147.76 7.56 0.00	152.62 7.28 -0.87	151.29 6.18 0.00	153.90 5.57 0.00	170.89 6.20 0.13	190.80 7.37 0.11	186.09 7.41 -4.45	291.50 13.74 -2.02	196.19 9.59 -1.09	175.81 8.38 0.00	200.15 8.78 -5.66	201.71 8.27 -17.38	205.31 8.87 -12.75	172.10 7.89 -5.43	105.24 4.58 0.00
NYPA____ASTORIA_CC2 323569	178.63 4.55 0.00	148.85 4.10 0.00	158.11 4.32 0.00	177.07 4.69 0.00	159.70 4.71 0.00	173.77 5.49 0.00	198.15 7.18 -0.12	262.29 11.49 0.00	173.75 8.35 0.00	147.76 7.56 0.00	152.62 7.28 -0.87	151.29 6.18 0.00	153.90 5.57 0.00	170.89 6.20 0.13	190.80 7.37 0.11	186.09 7.41 -4.45	291.50 13.74 -2.02	196.19 9.59 -1.09	175.81 8.38 0.00	200.15 8.78 -5.66	201.71 8.27 -17.38	205.31 8.87 -12.75	172.10 7.89 -5.43	105.24 4.58 0.00
NYPA____HOLTSVILL 23794	190.59 5.61 -10.90	151.79 5.04 -2.00	165.13 4.96 -6.38	180.28 4.94 -2.96	167.70 6.20 -6.51	185.23 7.44 -9.52	211.46 8.38 -12.23	285.82 7.93 -27.08	182.68 8.05 -9.24	151.88 8.65 -3.04	157.49 7.77 -5.23	156.07 6.31 -4.64	158.97 5.52 -5.11	179.16 5.94 -8.39	203.88 7.91 -12.44	194.54 5.02 -15.28	290.60 9.75 -5.11	201.10 7.67 -7.91	185.63 8.02 -10.18	213.51 8.91 -18.89	213.84 7.57 -30.20	222.82 10.56 -28.57	183.22 9.35 -15.08	107.46 6.80 0.00
NYPA____HELLGATE_GT1 24158	178.66 4.58 0.00	148.65 3.89 0.00	157.75 3.97 0.00	176.85 4.47 0.00	159.53 4.54 0.00	173.41 5.14 0.00	197.51 6.54 -0.12	261.32 10.52 0.00	173.09 7.69 0.00	147.21 7.02 0.00	152.17 6.82 -0.87	150.64 5.53 0.00	153.24 4.91 0.00	170.18 5.49 0.13	190.17 6.74 0.11	185.39 6.72 -4.45	289.98 12.23 -2.02	195.10 8.49 -1.09	175.21 7.78 0.00	199.45 8.08 -5.66	201.04 7.60 -17.38	204.67 8.24 -12.75	171.34 7.13 -5.43	104.97 4.32 0.00
NYPA____HELLGATE_GT2 24159	178.66 4.58 0.00	148.65 3.89 0.00	157.75 3.97 0.00	176.85 4.47 0.00	159.53 4.54 0.00	173.41 5.14 0.00	197.51 6.54 -0.12	261.32 10.52 0.00	173.09 7.69 0.00	147.21 7.02 0.00	152.17 6.82 -0.87	150.64 5.53 0.00	153.24 4.91 0.00	170.18 5.49 0.13	190.17 6.74 0.11	185.39 6.72 -4.45	289.98 12.23 -2.02	195.10 8.49 -1.09	175.21 7.78 0.00	199.45 8.08 -5.66	201.04 7.60 -17.38	204.67 8.24 -12.75	171.34 7.13 -5.43	104.97 4.32 0.00
NYS_BARGE____HYD 23848	163.01 -10.97 0.10	132.67 -9.91 2.18	141.99 -11.80 0.00	158.02 -14.36 0.00	140.37 -14.62 0.00	146.70 -21.58 0.00	135.51 -26.63 28.71	158.45 -38.17 54.19	91.17 -24.82 49.41	118.17 -19.29 2.73	124.24 -20.24 0.00	125.58 -19.53 0.00	130.05 -18.28 0.00	141.78 -22.41 0.63	158.84 -24.16 0.54	144.17 -23.95 6.11	214.97 -37.32 23.44	130.23 -22.93 32.36	121.06 -19.90 26.47	135.00 -22.12 28.59	128.25 -20.05 27.76	129.12 -21.35 33.22	127.42 -18.68 12.69	89.91 -10.73 0.00
OAK ORCHARD____HYD 24046	168.63 -5.39 0.06	138.41 -5.08 1.26	147.72 -6.06 0.00	164.80 -7.58 0.00	147.27 -7.72 0.00	156.98 -11.29 0.00	175.60 -13.67 1.59	209.87 -19.20 21.73	130.54 -12.25 22.61	130.05 -9.58 0.56	134.56 -9.92 0.00	135.59 -9.52 0.00	139.47 -8.86 0.00	153.42 -10.77 0.63	171.83 -11.18 0.54	157.04 -11.19 6.00	255.82 -16.88 3.03	172.00 -10.23 3.29	158.58 -8.85 0.00	175.77 -9.94 0.00	166.78 -9.28 0.00	165.87 -11.06 6.75	140.90 -9.75 8.14	95.14 -5.51 0.00

OAKDALE___35_KV_LOAD 356122	172.14 -1.94 0.00	142.52 -2.24 0.00	151.53 -2.25 0.00	169.82 -2.56 0.00	152.24 -2.75 0.00	164.64 -3.63 0.00	193.11 -4.29 -6.55	235.01 -4.08 11.71	140.66 -3.26 21.48	137.11 -2.95 0.13	141.40 -3.39 -0.30	141.66 -3.46 0.00	145.04 -3.30 0.00	159.85 -4.42 0.55	178.79 -4.28 0.47	166.41 -4.45 3.37	272.53 -6.02 -2.81	184.50 -4.58 -3.56	171.08 -4.02 -7.66	191.13 -4.82 -10.24	185.33 -4.78 -14.05	184.15 -5.29 -5.76	149.92 -4.52 4.35	97.81 -2.84 0.00
OCC_CHEM___DRP 24175	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	116.03 -21.04 3.12	122.78 -21.70 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.35 -24.28 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
OH_GEN_PROXY 24063	162.91 -11.05 0.12	132.26 -9.98 2.52	142.11 -11.68 0.00	158.15 -14.23 0.00	140.42 -14.57 0.00	147.14 -21.14 0.00	135.48 -26.44 28.92	151.31 -37.18 62.31	87.55 -24.11 53.74	118.49 -18.89 2.81	124.72 -19.76 0.00	126.23 -18.88 0.00	130.50 -17.83 0.00	142.36 -21.83 0.63	159.52 -23.48 0.54	144.71 -23.37 6.15	217.45 -36.16 22.12	132.56 -22.45 30.50	123.29 -19.42 24.71	137.47 -21.55 26.70	130.34 -19.80 25.92	233.37 -21.99 -71.67	218.83 -18.67 -78.71	89.92 -10.73 0.00
OLIN_CORP_DRP 24177	161.81 -12.27 0.00	133.78 -10.98 0.00	140.80 -12.99 0.00	156.68 -15.70 0.00	139.16 -15.83 0.00	145.20 -23.07 0.00	129.49 -29.03 32.33	144.73 -41.54 64.53	81.95 -26.85 56.60	116.48 -20.63 3.08	122.80 -21.68 0.00	124.08 -21.03 0.00	128.61 -19.73 0.00	139.87 -24.32 0.63	156.66 -26.34 0.54	141.99 -26.12 6.13	209.46 -41.05 25.22	125.14 -25.42 34.96	116.80 -21.97 28.66	130.45 -24.31 30.95	123.73 -22.28 30.05	124.99 -23.21 35.48	125.48 -20.15 13.15	89.10 -11.55 0.00
OLIN_CORP_DSASP 323712	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	116.03 -21.04 3.12	122.78 -21.70 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.35 -24.28 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
ONEIDA_HERK_LFGE 323681	184.29 10.21 0.00	152.66 7.90 0.00	162.33 8.54 0.00	181.96 9.58 0.00	163.46 8.47 0.00	177.30 9.03 0.00	201.75 10.90 0.00	264.87 14.06 0.00	174.05 8.65 0.00	146.64 6.45 0.00	151.69 7.22 0.00	153.01 7.89 0.00	155.86 7.53 0.00	172.74 7.92 0.00	191.19 7.65 0.00	181.11 6.88 0.00	285.58 9.84 0.00	193.29 7.77 0.00	174.45 7.02 0.00	192.42 6.70 0.00	181.68 5.62 0.00	189.09 5.40 0.00	163.45 4.66 0.00	103.34 2.69 0.00
ONEIDA___115KV_TB4 55905	175.00 0.92 0.00	145.54 0.78 0.00	154.69 0.91 0.00	173.36 0.98 0.00	156.02 1.04 0.00	169.61 1.34 0.00	193.93 2.03 -1.06	267.71 3.10 -13.81	183.76 1.67 -16.69	141.21 0.60 -0.42	144.86 0.38 0.00	145.47 0.35 0.00	148.56 0.23 0.00	164.84 0.42 0.40	184.24 1.04 0.34	171.68 1.09 3.65	278.41 2.34 -0.33	188.72 0.97 -2.23	168.09 0.66 0.00	186.09 0.37 0.00	176.50 0.43 0.00	182.94 2.06 2.82	156.85 1.60 3.54	101.60 0.94 0.00
ONONDAGA_REF_OCCRA 23987	171.40 -2.68 0.00	142.16 -2.60 0.00	150.97 -2.81 0.00	169.21 -3.17 0.00	152.06 -2.93 0.00	164.75 -3.52 0.00	188.90 -3.62 -1.67	267.87 -4.71 -21.78	188.52 -3.24 -26.36	137.67 -3.17 -0.66	141.08 -3.40 0.00	141.70 -3.42 0.00	145.03 -3.30 0.00	160.38 -3.81 0.62	179.49 -3.52 0.53	165.15 -3.44 5.65	271.31 -4.99 -0.56	185.67 -3.40 -3.55	164.26 -3.17 0.00	181.95 -3.76 0.00	172.35 -3.71 0.00	175.64 -3.71 4.33	149.64 -3.69 5.46	98.46 -2.20 0.00
ONONDAGA___COGEN 23986	171.10 -2.98 0.00	141.79 -2.97 0.00	150.67 -3.12 0.00	168.88 -3.50 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	187.91 -3.91 -0.97	258.36 -5.11 -12.67	177.78 -3.48 -15.86	137.11 -3.48 -0.40	140.84 -3.64 0.00	141.44 -3.67 0.00	144.80 -3.53 0.00	160.40 -4.06 0.35	179.35 -3.89 0.30	167.29 -3.74 3.20	270.92 -5.25 -0.44	184.28 -3.48 -2.25	164.29 -3.14 0.00	182.07 -3.64 0.00	172.28 -3.79 0.00	177.14 -4.16 2.39	151.93 -3.85 3.02	98.25 -2.40 0.00
ONTARIO___LFGE 23819	171.26 -2.78 0.03	141.09 -2.94 0.73	150.31 -3.48 0.00	168.16 -4.22 0.00	150.88 -4.11 0.00	162.37 -5.91 0.00	184.66 -6.19 0.00	242.32 -8.48 0.00	159.90 -5.50 0.00	135.22 -4.97 0.00	139.18 -5.29 0.00	140.04 -5.07 0.00	143.62 -4.71 0.00	158.59 -5.70 0.53	177.63 -5.46 0.45	163.89 -5.38 4.96	267.18 -7.45 1.11	181.04 -4.47 0.00	163.55 -3.88 0.00	181.12 -4.59 0.00	171.28 -4.78 0.00	172.92 -6.02 4.75	147.46 -5.51 5.82	97.36 -3.29 0.00
ORANGEVILLE_WT_PWR 323706	168.34 -5.69 0.05	137.18 -6.54 1.04	146.04 -7.75 0.00	162.53 -9.85 0.00	143.99 -11.00 0.00	150.96 -17.31 0.01	38.51 -22.50 129.83	37.41 -32.07 181.33	5.43 -20.97 139.00	113.70 -15.91 10.58	127.73 -16.75 0.00	128.35 -16.77 0.00	132.19 -16.15 0.00	144.16 -20.05 0.62	161.73 -21.28 0.53	146.22 -21.81 6.21	148.75 -33.36 93.63	31.77 -22.27 131.47	27.34 -19.90 120.19	33.44 -22.47 129.81	28.83 -21.18 126.05	35.09 -23.05 125.54	111.78 -19.77 27.23	88.84 -11.81 0.01
ORANGEVILLE___ESR 323794	168.34 -5.69 0.05	137.18 -6.54 1.04	146.04 -7.75 0.00	162.53 -9.85 0.00	143.99 -11.00 0.00	150.96 -17.31 0.01	38.51 -22.50 129.83	37.41 -32.07 181.33	5.43 -20.97 139.00	113.70 -15.91 10.58	127.73 -16.75 0.00	128.35 -16.77 0.00	132.19 -16.15 0.00	144.16 -20.05 0.62	161.73 -21.28 0.53	146.22 -21.81 6.21	148.75 -33.36 93.63	31.77 -22.27 131.47	27.34 -19.90 120.19	33.44 -22.47 129.81	28.83 -21.18 126.05	35.09 -23.05 125.54	111.78 -19.77 27.23	88.84 -11.81 0.01
OSWEGATCHIE___HYD 24044	180.55 6.47 0.00	150.12 5.36 0.00	159.69 5.91 0.00	179.04 6.66 0.00	160.60 5.61 0.00	173.50 5.23 0.00	196.55 5.70 0.00	256.90 6.10 0.00	168.81 3.41 0.00	142.46 2.27 0.00	147.93 3.46 0.00	149.55 4.44 0.00	152.43 4.10 0.00	168.17 3.35 0.00	185.69 2.15 0.00	175.37 1.14 0.00	275.38 -0.35 0.00	186.52 1.01 0.00	168.68 1.25 0.00	186.40 0.69 0.00	176.20 0.14 0.00	183.92 0.23 0.00	159.21 0.43 0.00	101.26 0.61 0.00
OSWEGO___5 23606	168.27 -5.81 0.00	139.69 -5.07 0.00	148.36 -5.42 0.00	166.25 -6.13 0.00	149.34 -5.65 0.00	161.72 -6.56 0.00	183.48 -7.36 0.00	240.80 -10.00 0.00	158.79 -6.60 0.00	134.27 -5.92 0.00	138.27 -6.21 0.00	138.85 -6.27 0.00	142.10 -6.24 0.00	159.63 -6.80 -1.61	177.90 -7.00 -1.36	182.47 -6.72 -14.96	268.75 -10.32 -3.34	178.65 -6.86 0.00	161.24 -6.19 0.00	178.77 -6.95 0.00	169.31 -6.75 0.00	190.78 -7.23 -14.32	169.98 -6.36 -17.56	96.67 -3.98 0.00
OSWEGO___6 23613	168.27 -5.81 0.00	139.69 -5.07 0.00	148.36 -5.42 0.00	166.25 -6.13 0.00	149.34 -5.65 0.00	161.72 -6.56 0.00	183.48 -7.36 0.00	240.80 -10.00 0.00	158.79 -6.60 0.00	134.27 -5.92 0.00	138.27 -6.21 0.00	138.85 -6.27 0.00	142.10 -6.24 0.00	159.63 -6.80 -1.61	177.90 -7.00 -1.36	182.47 -6.72 -14.96	268.75 -10.32 -3.34	178.65 -6.86 0.00	161.24 -6.19 0.00	178.77 -6.95 0.00	169.31 -6.75 0.00	190.78 -7.23 -14.32	169.98 -6.36 -17.56	96.67 -3.98 0.00

OUTOKUMPU-AB___DRP 24206	164.99 -9.09 0.00	136.25 -8.51 0.00	143.59 -10.20 0.00	159.86 -12.52 0.00	141.88 -13.11 0.00	148.39 -19.89 0.00	131.63 -25.47 33.75	148.16 -35.87 66.77	83.38 -23.49 58.53	118.86 -18.12 3.21	125.67 -18.81 0.00	127.21 -17.90 0.00	131.58 -16.76 0.00	143.36 -20.83 0.63	160.72 -22.28 0.54	145.66 -22.44 6.14	214.60 -34.80 26.34	127.69 -21.29 36.54	119.12 -18.35 29.96	132.87 -20.48 32.36	125.97 -18.67 31.42	126.13 -20.76 36.79	127.70 -17.70 13.39	90.47 -20.76 0.00
OXBOW___BTM 323836	162.93 -11.03 0.11	132.33 -10.01 2.42	141.97 -11.81 0.00	157.96 -14.42 0.00	140.17 -14.81 0.00	146.54 -21.74 0.00	130.49 -27.14 33.22	145.70 -38.56 66.54	82.37 -25.11 57.92	116.88 -20.14 3.17	123.65 -20.82 0.00	125.38 -19.74 0.00	129.68 -18.65 0.00	141.22 -22.98 0.63	158.38 -24.62 0.54	143.56 -24.53 6.14	212.24 -37.70 25.80	126.79 -23.00 35.72	118.32 -19.86 29.24	131.94 -22.19 31.58	125.06 -20.33 30.67	125.14 -22.49 36.06	126.30 -19.25 13.24	89.60 -11.05 0.00
OXBOW___ 24026	163.03 -11.05 0.00	134.72 -10.04 0.00	142.00 -11.78 0.00	157.98 -14.40 0.00	140.17 -14.82 0.00	146.52 -21.75 0.00	129.91 -27.71 33.22	145.28 -38.99 66.54	82.06 -25.42 57.92	116.93 -20.09 3.17	123.67 -20.81 0.00	125.41 -19.70 0.00	129.71 -18.62 0.00	141.21 -22.98 0.63	158.29 -24.71 0.54	143.35 -24.74 6.14	211.73 -38.21 25.80	126.35 -23.44 35.72	118.06 -20.13 29.24	131.76 -22.37 31.58	124.87 -20.52 30.67	124.82 -22.81 36.06	126.28 -19.27 13.24	89.60 -11.05 0.00
OXY_CHEM_DSASP 323612	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	116.03 -21.04 3.12	122.78 -21.70 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.35 -24.28 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
OZONE_PARK_ESR 323760	180.93 6.85 0.00	150.57 5.81 0.00	160.04 6.25 0.00	179.16 6.78 0.00	161.56 6.57 0.00	175.88 7.60 0.00	200.76 9.79 -0.12	265.72 14.92 0.00	175.77 10.37 0.00	149.47 9.27 0.00	154.38 9.03 -0.87	153.23 8.12 0.00	155.88 7.55 0.00	173.01 8.32 0.13	193.22 9.79 0.11	188.26 9.58 -4.44	295.05 17.30 -2.02	198.45 11.85 -1.09	177.91 10.48 0.00	202.43 11.06 -5.66	203.95 10.51 -17.38	207.82 11.38 -12.75	174.05 9.84 -5.43	106.38 5.73 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	162.54 -11.55 0.00	134.41 -10.35 0.00	141.67 -12.12 0.00	157.49 -14.89 0.00	139.77 -15.22 0.00	145.92 -22.35 0.00	129.61 -28.59 32.65	144.35 -40.30 66.15	81.98 -26.12 57.29	116.03 -21.04 3.12	122.78 -21.70 0.00	124.52 -20.60 0.00	128.81 -19.52 0.00	140.04 -24.15 0.63	157.04 -25.96 0.54	142.08 -26.02 6.14	210.67 -39.82 25.25	126.35 -24.28 34.89	118.01 -20.91 28.51	131.77 -23.14 30.79	124.90 -21.26 29.90	124.76 -23.62 35.31	125.93 -19.77 13.09	89.42 -11.22 0.00
PACKARD__115KV_DUPONT_184 80571	162.41 -11.56 0.11	132.03 -10.33 2.40	141.63 -12.15 0.00	157.49 -14.89 0.00	139.76 -15.23 0.00	145.93 -22.34 0.00	130.23 -27.97 32.65	144.90 -39.75 66.15	82.33 -25.78 57.29	115.89 -21.18 3.13	122.65 -21.82 0.00	124.47 -20.64 0.00	128.78 -19.55 0.00	140.06 -24.13 0.63	157.07 -25.93 0.54	142.31 -25.78 6.14	211.12 -39.37 25.25	126.72 -23.91 34.89	118.30 -20.62 28.51	131.97 -22.96 30.79	125.09 -21.07 29.90	125.12 -23.26 35.31	125.91 -19.78 13.09	89.43 -11.22 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	178.69 4.61 0.00	148.87 4.11 0.00	157.95 4.16 0.00	177.11 4.73 0.00	159.70 4.71 0.00	173.60 5.33 0.00	197.82 6.85 -0.12	261.47 10.67 0.00	173.14 7.75 0.00	147.20 7.01 0.00	152.19 6.84 -0.87	150.89 5.78 0.00	153.56 5.22 0.00	170.52 5.83 0.13	190.54 7.12 0.11	185.80 7.12 -4.45	290.82 13.06 -2.02	195.58 8.97 -1.09	175.61 8.18 0.00	199.85 8.48 -5.66	201.44 8.00 -17.38	205.11 8.68 -12.75	171.70 7.48 -5.43	105.05 4.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	182.31 8.23 0.00	151.88 7.12 0.00	161.26 7.48 0.00	180.90 8.52 0.00	163.00 8.01 0.00	177.37 9.10 0.00	202.31 11.33 -0.12	267.17 16.36 0.00	176.77 11.37 0.00	150.05 9.85 0.00	155.06 9.71 -0.87	153.72 8.60 0.00	156.55 8.21 0.00	173.72 9.02 0.13	194.06 10.63 0.11	189.20 10.52 -4.45	295.94 18.19 -2.02	199.24 12.63 -1.09	179.06 11.62 0.00	203.50 12.13 -5.66	204.99 11.55 -17.38	208.85 12.41 -12.75	174.77 10.56 -5.43	107.01 6.36 0.00
PATROON__115KV_TB1 80586	178.47 4.39 0.00	148.64 3.88 0.00	158.17 4.38 0.00	177.05 4.67 0.00	159.39 4.40 0.00	173.42 5.15 0.00	197.18 5.86 -0.47	258.35 7.54 0.00	170.38 4.98 0.00	144.77 4.58 0.00	153.59 5.76 -3.36	150.75 5.63 0.00	153.94 5.61 0.00	171.24 6.42 0.00	190.46 6.92 0.00	202.83 7.04 -21.56	295.03 10.66 -8.63	196.49 6.86 -4.11	172.95 5.51 0.00	213.53 6.41 -21.41	248.18 6.37 -65.75	243.07 6.84 -52.53	190.65 6.04 -25.82	104.53 3.87 0.00
PATTRSNVILLE___SOLAR 323815	179.72 5.64 0.00	149.52 4.76 0.00	158.87 5.08 0.00	178.00 5.63 0.00	160.15 5.16 0.00	174.23 5.95 0.00	199.14 7.63 -0.66	261.20 10.40 0.00	171.14 5.74 0.00	143.82 3.63 0.00	152.60 3.41 -4.71	148.65 3.54 0.00	152.06 3.73 0.00	169.31 4.59 0.11	188.82 5.38 0.09	209.41 5.86 -29.31	297.91 10.26 -11.92	198.39 7.09 -5.78	173.93 6.50 0.00	222.93 7.09 -30.12	275.01 6.47 -92.48	263.36 6.72 -72.95	199.77 5.82 -35.16	103.97 3.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	168.41 -5.67 0.00	138.91 -5.85 0.00	146.64 -7.15 0.00	163.36 -9.02 0.00	144.99 -10.00 0.00	152.49 -15.78 0.00	135.38 -20.72 34.75	147.16 -27.86 75.79	79.58 -18.63 67.19	123.03 -13.73 3.44	130.12 -14.36 0.00	131.45 -13.67 0.00	135.57 -12.76 0.00	148.06 -16.14 0.62	166.05 -16.96 0.53	150.52 -17.58 6.13	221.93 -26.93 26.88	131.20 -16.69 37.63	122.91 -14.50 30.02	136.84 -16.45 32.42	129.59 -14.99 31.48	129.63 -16.86 37.19	130.56 -14.47 13.76	92.05 -8.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	181.29 7.21 0.00	150.88 6.13 0.00	160.55 6.76 0.00	179.83 7.45 0.00	162.10 7.11 0.00	176.49 8.22 0.00	201.43 10.45 -0.13	266.43 15.63 0.00	175.83 10.43 0.00	149.03 8.84 0.00	153.89 8.53 -0.88	152.81 7.70 0.00	155.59 7.25 0.00	172.86 8.17 0.13	193.08 9.65 0.11	188.38 9.61 -4.53	294.96 17.18 -2.05	198.30 11.68 -1.10	177.92 10.49 0.00	202.51 11.06 -5.74	204.03 10.35 -17.62	207.76 11.12 -12.95	173.92 9.59 -5.53	106.22 5.57 0.00
PEEKSKILL___ 23653	178.16 4.08 0.00	148.24 3.48 0.00	157.75 3.97 0.00	176.82 4.44 0.00	159.39 4.40 0.00	173.42 5.14 0.00	197.65 6.68 -0.12	261.46 10.66 0.00	172.67 7.27 0.00	146.49 6.30 0.00	151.38 6.04 -0.86	150.36 5.25 0.00	153.03 4.70 0.00	170.00 5.30 0.13	189.80 6.38 0.11	185.03 6.43 -4.37	289.63 11.91 -1.99	194.62 8.03 -1.07	174.49 7.06 0.00	198.64 7.33 -5.59	200.20 6.96 -17.17	204.02 7.76 -12.58	170.97 6.84 -5.34	104.61 3.95 0.00
PGE MADISON___WINDPWR 24146	188.52 14.44 0.00	155.78 11.02 0.00	165.87 12.08 0.00	186.99 14.61 0.00	168.57 13.58 0.00	183.79 15.51 0.00	228.15 19.37 -17.93	405.28 26.28 -128.20	471.30 24.53 -281.37	159.71 11.45 -8.06	153.04 8.17 -0.39	152.73 7.61 0.00	155.52 7.19 0.00	170.55 6.23 0.50	191.62 8.51 0.43	179.90 7.20 1.53	304.55 13.86 -14.95	219.22 8.33 -25.37	183.94 6.51 -10.00	206.73 7.72 -13.29	201.22 7.03 -18.13	205.73 5.61 -16.44	168.47 5.12 -4.57	103.55 2.89 -0.01

PIERCEFIELD___HYD 23852	179.30 5.22 0.00	149.50 4.74 0.00	158.69 4.91 0.00	178.03 5.65 0.00	159.77 4.78 0.00	172.45 4.18 0.00	194.52 3.67 0.00	254.29 3.49 0.00	167.61 2.22 0.00	142.20 2.01 0.00	147.68 3.20 0.00	149.36 4.25 0.00	152.50 4.17 0.00	168.24 3.41 0.00	186.08 2.54 0.00	175.89 1.66 0.00	277.47 1.73 0.00	187.52 2.01 0.00	169.75 2.32 0.00	188.42 2.71 0.00	178.43 2.36 0.00	185.83 2.15 0.00	161.12 2.33 0.00	102.63 1.98 0.00
PINELAWN_CC_1 323563	182.55 6.45 -2.02	150.70 5.62 -0.33	160.58 5.76 -1.04	178.82 5.96 -0.48	162.74 6.68 -1.06	177.84 8.01 -1.55	202.75 9.80 -2.10	267.34 12.12 -4.41	176.74 9.84 -1.51	149.92 9.23 -0.50	154.44 8.38 -1.58	152.86 6.99 -0.76	155.42 6.25 -0.83	172.88 6.80 -1.26	194.37 8.90 -1.94	187.94 7.49 -6.21	292.76 14.50 -2.52	198.60 10.89 -2.20	179.48 10.39 -1.66	204.81 11.28 -7.82	205.37 9.84 -19.47	210.72 11.70 -15.33	175.67 9.88 -7.00	107.44 6.79 0.00
PJM_GEN_HTP_PROXY 323702	179.00 4.91 0.00	149.00 4.24 0.00	158.45 4.66 0.00	175.41 5.06 2.03	160.01 5.02 0.00	174.22 5.94 0.00	198.61 7.64 -0.12	262.01 11.94 0.73	173.79 8.39 0.00	147.83 7.63 0.00	152.71 7.36 -0.87	151.55 6.44 0.00	154.24 5.91 0.00	171.30 6.60 0.13	191.19 7.77 0.11	186.30 7.62 -4.44	182.38 13.88 107.24	196.14 9.54 -1.09	175.78 8.35 0.00	200.16 8.79 -5.66	201.73 8.28 -17.38	205.57 9.13 -12.74	172.22 8.00 -5.43	105.30 4.65 0.00
PJM_GEN_KEystone 24065	170.77 -3.20 0.12	139.08 -3.16 2.52	150.51 -3.27 0.00	166.48 -3.87 2.03	150.92 -4.07 0.00	120.17 -5.91 42.20	147.65 -7.17 36.02	211.34 -8.81 30.65	82.79 -5.90 76.71	81.16 -4.04 55.00	106.44 -4.48 33.55	101.37 -4.65 39.10	140.28 -4.77 3.29	115.63 -6.18 43.01	171.95 -6.07 5.52	166.38 -6.03 1.83	153.19 -8.00 114.55	171.44 -5.56 8.52	155.40 -4.90 7.13	174.12 -5.96 5.63	172.93 -5.55 -2.42	172.37 -5.82 5.49	147.12 -4.90 6.77	97.03 -2.99 0.64
PJM_GEN_NEPTUNE_PROXY 323594	178.50 4.42 0.00	148.75 3.99 0.00	157.84 4.05 0.00	174.58 4.23 2.03	159.93 4.94 0.00	174.23 5.96 0.00	198.33 7.36 -0.12	259.29 9.22 0.73	173.24 7.84 0.00	147.66 7.47 0.00	152.21 6.86 -0.87	150.83 5.72 0.00	153.38 5.05 0.00	170.15 5.46 0.13	190.43 7.00 0.11	184.50 5.81 -4.45	180.01 11.51 107.24	195.14 8.54 -1.09	175.46 8.03 0.00	200.06 8.69 -5.66	201.01 7.56 -17.38	205.62 9.18 -12.75	172.06 7.84 -5.43	106.12 5.46 0.00
PJM_GEN_VFT_PROXY 323633	177.86 3.78 0.00	148.03 3.28 0.00	157.44 3.66 0.00	174.29 3.94 2.03	159.01 4.02 0.00	107.86 4.77 65.19	190.24 6.19 6.80	257.03 10.20 3.98	153.42 7.30 19.28	87.36 6.81 59.64	92.81 6.59 58.26	99.08 5.65 51.69	99.31 5.08 54.10	95.44 5.62 75.01	104.22 6.71 86.03	151.51 6.59 29.32	171.30 12.33 116.77	185.27 8.45 8.70	141.02 7.33 33.74	140.47 7.66 52.91	154.62 7.25 28.69	130.14 8.13 61.67	90.89 7.14 75.03	94.32 4.08 10.41
PLATSBURG_115KV_PMLD1 355749	180.28 6.20 0.00	150.83 6.07 0.00	160.16 6.38 0.00	179.41 7.03 0.00	161.71 6.72 0.00	176.19 7.92 0.00	198.97 8.13 0.00	261.84 11.04 0.00	172.59 7.20 0.00	146.81 6.62 0.00	151.48 7.00 0.00	152.06 6.94 0.00	155.39 7.06 0.00	172.69 7.86 0.00	192.07 8.54 0.00	181.57 7.33 0.00	286.78 11.04 0.00	192.16 6.64 0.00	173.49 6.06 0.00	193.60 7.89 0.00	183.54 7.48 0.00	190.57 6.88 0.00	163.66 4.88 0.00	102.97 2.32 0.00
PLEASANTVLY___LBMP 24000	178.04 3.96 0.00	148.24 3.48 0.00	157.76 3.98 0.00	176.74 4.36 0.00	159.28 4.29 0.00	173.31 5.03 0.00	197.48 6.49 -0.13	260.95 10.15 0.00	172.34 6.95 0.00	146.15 5.96 0.00	151.20 5.80 -0.92	150.24 5.12 0.00	152.94 4.61 0.00	170.00 5.30 0.12	189.59 6.16 0.11	185.32 6.27 -4.81	289.31 11.41 -2.16	194.23 7.56 -1.15	174.10 6.67 0.00	198.76 7.03 -6.01	201.11 6.61 -18.44	204.82 7.51 -13.62	171.37 6.70 -5.88	104.48 3.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	178.97 4.89 0.00	149.01 4.25 0.00	158.54 4.75 0.00	177.60 5.22 0.00	160.08 5.09 0.00	174.19 5.91 0.00	198.65 7.67 -0.12	262.67 11.87 0.00	173.62 8.22 0.00	147.32 7.13 0.00	152.20 6.84 -0.88	151.17 6.05 0.00	153.84 5.51 0.00	170.93 6.23 0.13	190.83 7.40 0.11	186.07 7.35 -4.49	291.26 13.49 -2.03	195.69 9.08 -1.10	175.45 8.02 0.00	199.83 8.42 -5.70	201.47 7.90 -17.50	205.35 8.81 -12.85	171.97 7.70 -5.48	105.11 4.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	178.97 4.89 0.00	149.01 4.25 0.00	158.54 4.75 0.00	177.60 5.22 0.00	160.08 5.09 0.00	174.19 5.91 0.00	198.65 7.67 -0.12	262.67 11.87 0.00	173.62 8.22 0.00	147.32 7.13 0.00	152.20 6.84 -0.88	151.17 6.05 0.00	153.84 5.51 0.00	170.93 6.23 0.13	190.83 7.40 0.11	186.07 7.35 -4.49	291.26 13.49 -2.03	195.69 9.08 -1.10	175.45 8.02 0.00	199.83 8.42 -5.70	201.47 7.90 -17.50	205.35 8.81 -12.85	171.97 7.70 -5.48	105.11 4.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	180.74 6.66 0.00	150.38 5.62 0.00	159.98 6.20 0.00	179.27 6.89 0.00	161.59 6.60 0.00	175.86 7.58 0.00	200.64 9.67 -0.13	265.26 14.45 0.00	175.05 9.66 0.00	148.18 7.99 0.00	153.00 7.63 -0.89	152.03 6.91 0.00	154.84 6.51 0.00	172.23 7.53 0.13	192.25 8.82 0.11	187.73 8.92 -4.58	293.77 15.97 -2.07	197.38 10.76 -1.11	177.10 9.67 0.00	201.68 10.19 -5.78	203.27 9.47 -17.74	207.06 10.32 -13.04	173.34 8.97 -5.58	105.84 5.19 0.00
POLETTI_____ 23519	177.40 3.32 0.00	147.62 2.86 0.00	156.44 2.65 0.00	175.24 2.86 0.00	158.34 3.36 0.00	171.83 3.55 0.00	195.71 4.74 -0.12	258.77 7.96 0.00	171.39 5.99 0.00	145.71 5.52 0.00	151.18 5.83 -0.87	149.41 4.29 0.00	151.42 3.08 0.00	168.19 3.49 0.13	187.99 4.56 0.11	183.40 4.72 -4.45	287.00 9.24 -2.02	193.15 6.54 -1.09	173.85 6.42 0.00	197.31 5.94 -5.66	199.00 5.56 -17.38	202.57 6.14 -12.75	169.50 5.28 -5.43	104.24 3.59 0.00
POMONA___ESR 323819	177.81 3.73 0.00	147.99 3.23 0.00	157.56 3.78 0.00	176.85 4.47 0.00	159.39 4.40 0.00	173.38 5.10 0.00	197.54 6.57 -0.12	261.32 10.52 0.00	172.40 7.01 0.00	146.09 5.90 0.00	150.95 5.63 -0.84	150.07 4.95 0.00	152.73 4.40 0.00	169.63 4.93 0.13	189.43 6.01 0.11	184.54 6.10 -4.21	289.09 11.43 -1.92	194.22 7.65 -1.05	174.12 6.68 0.00	198.08 6.92 -5.45	199.29 6.51 -16.72	203.14 7.25 -12.20	170.37 6.44 -5.14	104.32 3.67 0.00
PORT_JEFF_3 23555	190.32 5.99 -10.25	151.96 5.33 -1.88	165.06 5.27 -5.99	180.44 5.27 -2.79	167.58 6.47 -6.12	185.02 7.79 -8.95	211.06 8.71 -11.51	284.30 8.03 -25.47	182.34 8.25 -8.69	151.98 8.93 -2.86	157.48 8.03 -4.97	156.00 6.52 -4.37	158.91 5.77 -4.81	178.89 6.18 -7.89	203.40 8.18 -11.69	194.01 5.13 -14.64	290.49 9.82 -4.93	200.85 7.82 -7.51	185.26 8.25 -9.58	213.02 9.20 -18.11	213.34 7.83 -29.44	222.08 10.76 -27.63	182.81 9.51 -14.51	107.56 6.91 0.00
PORT_JEFF_4 23616	190.32 5.99 -10.25	151.96 5.33 -1.88	165.06 5.27 -5.99	180.44 5.27 -2.79	167.58 6.47 -6.12	185.02 7.79 -8.95	211.06 8.71 -11.51	284.30 8.03 -25.47	182.34 8.25 -8.69	151.98 8.93 -2.86	157.48 8.03 -4.97	156.00 6.52 -4.37	158.91 5.77 -4.81	178.89 6.18 -7.89	203.40 8.18 -11.69	194.01 5.13 -14.64	290.49 9.82 -4.93	200.85 7.82 -7.51	185.26 8.25 -9.58	213.02 9.20 -18.11	213.34 7.83 -29.44	222.08 10.76 -27.63	182.81 9.51 -14.51	107.56 6.91 0.00

PORT_JEFF_IC 23713	188.95 6.44 -8.43	151.98 5.68 -1.54	164.31 5.61 -4.93	180.30 5.64 -2.29	166.85 6.84 -5.03	183.80 8.17 -7.35	209.52 9.20 -9.48	279.64 7.91 -20.93	180.87 8.33 -7.14	151.79 9.24 -2.35	157.05 8.33 -4.24	155.50 6.80 -3.59	158.31 6.03 -3.95	177.80 6.52 -6.46	201.52 8.40 -9.59	192.09 5.04 -12.82	289.77 9.63 -4.41	199.58 7.70 -6.36	183.57 8.27 -7.87	210.94 9.34 -15.89	211.26 7.90 -27.29	219.70 11.04 -24.98	181.33 9.65 -12.89	107.84 7.19 0.00
PPL PILGRIM_ST_GT1 24216	191.28 8.14 -9.06	153.27 6.87 -1.64	166.16 7.13 -5.24	182.17 7.35 -2.44	168.44 8.10 -5.36	185.69 9.59 -7.83	212.16 11.23 -10.08	286.80 13.72 -22.27	184.07 11.07 -7.60	153.18 10.49 -2.50	158.66 9.73 -4.46	157.31 8.38 -3.82	160.19 7.66 -4.20	180.01 8.31 -6.88	204.55 10.80 -10.21	196.11 8.51 -13.36	295.42 15.12 -4.56	204.42 12.20 -6.70	187.49 11.69 -8.37	215.04 12.78 -16.54	215.08 11.09 -27.93	222.62 13.16 -25.76	183.25 11.09 -13.37	108.22 7.57 0.00
PPL PILGRIM_ST_GT2 24217	191.28 8.14 -9.06	153.27 6.87 -1.64	166.16 7.13 -5.24	182.17 7.35 -2.44	168.44 8.10 -5.36	185.69 9.59 -7.83	212.16 11.23 -10.08	286.80 13.72 -22.27	184.07 11.07 -7.60	153.18 10.49 -2.50	158.66 9.73 -4.46	157.31 8.38 -3.82	160.19 7.66 -4.20	180.01 8.31 -6.88	204.55 10.80 -10.21	196.11 8.51 -13.36	295.42 15.12 -4.56	204.42 12.20 -6.70	187.49 11.69 -8.37	215.04 12.78 -16.54	215.08 11.09 -27.93	222.62 13.16 -25.76	183.25 11.09 -13.37	108.22 7.57 0.00
PPL_SHRM_GT3 24213	191.66 7.82 -9.76	153.30 6.75 -1.79	166.14 6.66 -5.70	181.94 6.91 -2.65	169.14 8.33 -5.83	186.44 9.66 -8.51	212.18 10.38 -10.96	283.97 8.94 -24.23	182.82 9.16 -8.26	153.38 10.47 -2.72	158.63 9.38 -4.77	156.91 7.64 -4.15	159.74 6.83 -4.57	179.66 7.34 -7.49	204.50 9.84 -11.12	192.24 3.86 -14.14	287.28 6.76 -4.78	198.15 5.44 -7.20	183.53 6.99 -9.11	211.66 8.45 -17.50	212.10 7.18 -28.86	223.15 12.55 -26.91	183.80 10.94 -14.07	108.28 7.63 0.00
PPL_SHRM_GT4 24214	191.66 7.82 -9.76	153.30 6.75 -1.79	166.14 6.66 -5.70	181.94 6.91 -2.65	169.14 8.33 -5.83	186.44 9.66 -8.51	212.18 10.38 -10.96	283.97 8.94 -24.23	182.82 9.16 -8.26	153.38 10.47 -2.72	158.63 9.38 -4.77	156.91 7.64 -4.15	159.74 6.83 -4.57	179.66 7.34 -7.49	204.50 9.84 -11.12	192.24 3.86 -14.14	287.28 6.76 -4.78	198.15 5.44 -7.20	183.53 6.99 -9.11	211.66 8.45 -17.50	212.10 7.18 -28.86	223.15 12.55 -26.91	183.80 10.94 -14.07	108.28 7.63 0.00
PROJECT___ORANGE 1 24174	170.04 -4.04 0.00	141.05 -3.71 0.00	149.82 -3.97 0.00	167.85 -4.53 0.00	150.82 -4.17 0.00	163.34 -4.93 0.00	185.46 -5.39 0.00	245.45 -6.99 -1.63	172.90 -4.70 -12.20	136.21 -4.29 -0.31	139.97 -4.50 0.00	140.61 -4.51 0.00	143.91 -4.42 0.00	159.22 -4.96 0.65	178.04 -4.94 0.55	163.40 -4.77 6.06	267.24 -7.15 1.35	180.74 -4.78 0.00	163.09 -4.34 0.00	180.71 -5.01 0.00	171.10 -4.96 0.00	172.52 -5.36 5.80	146.85 -4.83 7.11	97.60 -3.05 0.00
PROJECT___ORANGE 2 24166	170.04 -4.04 0.00	141.05 -3.71 0.00	149.82 -3.97 0.00	167.85 -4.53 0.00	150.82 -4.17 0.00	163.34 -4.93 0.00	185.46 -5.39 0.00	245.45 -6.99 -1.63	172.90 -4.70 -12.20	136.21 -4.29 -0.31	139.97 -4.50 0.00	140.61 -4.51 0.00	143.91 -4.42 0.00	159.22 -4.96 0.65	178.04 -4.94 0.55	163.40 -4.77 6.06	267.24 -7.15 1.35	180.74 -4.78 0.00	163.09 -4.34 0.00	180.71 -5.01 0.00	171.10 -4.96 0.00	172.52 -5.36 5.80	146.85 -4.83 7.11	97.60 -3.05 0.00
PUCKETT___SOLAR 323809	176.30 2.18 -0.04	146.77 1.11 -0.90	155.24 1.45 0.00	174.28 1.90 0.00	156.50 1.51 0.00	169.60 1.32 0.00	200.27 1.86 -7.56	258.18 3.64 -3.74	149.21 0.33 16.52	140.19 0.05 0.05	144.46 -0.36 -0.35	144.51 -0.61 0.00	147.66 -0.67 0.00	162.86 -1.44 0.53	182.43 -0.66 0.45	170.72 -0.86 2.65	280.60 -0.20 -5.06	192.51 -0.75 -7.74	173.62 -1.10 -7.29	194.22 -1.61 -10.12	188.92 -1.70 -14.56	189.31 -2.25 -7.88	154.88 -1.85 2.05	99.45 -1.20 0.00
PYRITES___HYD 24023	181.85 7.77 0.00	151.88 7.12 0.00	161.17 7.38 0.00	180.86 8.48 0.00	162.73 7.74 0.00	175.64 7.37 0.00	198.62 7.77 0.00	259.83 9.03 0.00	171.16 5.76 0.00	145.16 4.97 0.00	150.27 5.79 0.00	151.85 6.74 0.00	155.05 6.71 0.00	171.23 6.41 0.00	189.78 6.25 0.00	179.63 5.39 0.00	284.19 8.46 0.00	192.41 6.89 0.00	174.45 7.02 0.00	193.89 8.18 0.00	183.43 7.37 0.00	190.76 7.07 0.00	164.98 6.19 0.00	104.90 4.25 0.00
QUAKERRD_115KV_BK1 80622	165.32 -8.76 0.00	136.98 -7.78 0.00	145.02 -8.76 0.00	162.02 -10.36 0.00	144.98 -10.01 0.00	155.22 -13.05 0.00	168.48 -15.43 6.94	211.02 -21.03 18.75	135.70 -13.61 16.08	128.47 -11.00 0.73	133.01 -11.47 0.00	133.98 -11.13 0.00	137.64 -10.69 0.00	151.58 -12.62 0.62	169.58 -13.43 0.53	155.22 -13.15 5.86	249.15 -20.25 6.34	165.27 -12.71 7.53	150.63 -11.15 5.65	167.22 -12.39 6.10	158.35 -11.79 5.93	158.51 -13.53 11.65	138.75 -11.77 8.27	93.70 -6.95 0.00
QUENSBRY_115KV_TB8 356137	188.97 14.88 0.00	157.80 13.04 0.00	168.23 14.44 0.00	188.05 15.67 0.00	169.65 14.66 0.00	185.27 16.99 0.00	212.19 20.62 -0.72	277.61 26.81 0.00	182.62 17.22 0.00	153.84 13.65 0.00	163.38 13.72 -5.18	159.02 13.91 0.00	161.56 13.22 0.00	180.27 15.44 0.00	200.78 17.25 0.00	224.52 17.02 -33.26	317.17 28.13 -13.30	210.88 19.03 -6.34	185.00 17.57 0.00	238.73 20.01 -33.00	295.14 17.74 -101.34	281.70 17.04 -80.98	213.05 14.47 -39.80	108.68 8.03 0.00
RAMAPO___LBMP 323565	177.21 3.13 0.00	147.44 2.68 0.00	156.99 3.20 0.00	176.09 3.71 0.00	158.70 3.71 0.00	172.55 4.28 0.00	196.67 5.70 -0.12	260.17 9.37 0.00	171.67 6.27 0.00	145.47 5.28 0.00	150.30 4.99 -0.83	149.38 4.26 0.00	152.09 3.76 0.00	168.89 4.20 0.13	188.67 5.24 0.11	183.79 5.40 -4.15	287.94 10.30 -1.90	193.42 6.87 -1.04	173.32 5.89 0.00	197.11 6.01 -5.39	198.34 5.73 -16.55	202.25 6.50 -12.06	169.63 5.77 -5.08	103.92 3.27 0.00
RANKINE____ 23646	167.64 -6.44 0.00	138.38 -6.38 0.00	146.01 -7.78 0.00	162.52 -9.85 0.00	144.15 -10.84 0.00	151.13 -17.15 0.00	128.39 -22.39 40.08	139.86 -31.02 79.92	75.70 -20.53 69.17	121.06 -15.34 3.80	128.45 -16.03 0.00	129.82 -15.29 0.00	134.06 -14.27 0.00	146.28 -17.92 0.63	163.93 -19.07 0.53	148.53 -19.57 6.14	214.92 -30.27 30.55	124.01 -18.81 42.70	115.97 -16.26 35.20	129.41 -18.29 38.02	122.32 -16.82 36.92	122.55 -18.97 42.17	128.29 -16.07 14.44	91.28 -9.37 0.00
RAVENSWOOD_GT2_1 24244	179.08 5.00 0.00	149.11 4.35 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.13 5.14 0.00	174.29 6.01 0.00	198.73 7.76 -0.12	262.86 12.05 0.00	173.91 8.51 0.00	147.89 7.70 0.00	152.80 7.45 -0.87	151.62 6.51 0.00	154.25 5.92 0.00	171.29 6.60 0.13	191.23 7.80 0.11	186.36 7.68 -4.45	291.81 14.06 -2.02	196.26 9.65 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.65 9.21 -12.75	172.28 8.07 -5.43	105.34 4.68 0.00
RAVENSWOOD_GT2_2 24245	179.08 5.00 0.00	149.11 4.35 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.13 5.14 0.00	174.29 6.01 0.00	198.73 7.76 -0.12	262.86 12.05 0.00	173.91 8.51 0.00	147.89 7.70 0.00	152.80 7.45 -0.87	151.62 6.51 0.00	154.25 5.92 0.00	171.29 6.60 0.13	191.23 7.80 0.11	186.36 7.68 -4.45	291.81 14.06 -2.02	196.26 9.65 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.65 9.21 -12.75	172.28 8.07 -5.43	105.34 4.68 0.00

RAVENSWOOD_GT2_3 24246	179.16 5.08 0.00	149.21 4.45 0.00	158.62 4.83 0.00	177.61 5.23 0.00	160.21 5.22 0.00	174.32 6.04 0.00	198.81 7.83 -0.12	262.93 12.13 0.00	173.98 8.59 0.00	147.98 7.79 0.00	152.86 7.51 -0.87	151.69 6.57 0.00	154.36 6.03 0.00	171.37 6.67 0.13	191.35 7.92 0.11	186.49 7.81 -4.45	292.00 14.25 -2.02	196.36 9.76 -1.09	176.03 8.60 0.00	200.36 8.99 -5.66	201.92 8.48 -17.38	205.79 9.35 -12.75	172.37 8.16 -5.43	105.39 4.74 0.00
RAVENSWOOD_GT2_4 24247	179.16 5.08 0.00	149.21 4.45 0.00	158.62 4.83 0.00	177.61 5.23 0.00	160.21 5.22 0.00	174.32 6.04 0.00	198.81 7.83 -0.12	262.93 12.13 0.00	173.98 8.59 0.00	147.98 7.79 0.00	152.86 7.51 -0.87	151.69 6.57 0.00	154.36 6.03 0.00	171.37 6.67 0.13	191.35 7.92 0.11	186.49 7.81 -4.45	292.00 14.25 -2.02	196.36 9.76 -1.09	176.03 8.60 0.00	200.36 8.99 -5.66	201.92 8.48 -17.38	205.79 9.35 -12.75	172.37 8.16 -5.43	105.39 4.74 0.00
RAVENSWOOD_GT3_1 24248	179.08 5.00 0.00	149.12 4.36 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.13 5.14 0.00	174.29 6.01 0.00	198.73 7.76 -0.12	262.86 12.05 0.00	173.91 8.51 0.00	147.89 7.70 0.00	152.80 7.45 -0.87	151.62 6.51 0.00	154.26 5.93 0.00	171.29 6.60 0.13	191.23 7.80 0.11	186.36 7.68 -4.45	291.82 14.07 -2.02	196.27 9.67 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.65 9.21 -12.75	172.29 8.08 -5.43	105.34 4.68 0.00
RAVENSWOOD_GT3_2 24249	179.08 5.00 0.00	149.12 4.36 0.00	158.53 4.74 0.00	177.57 5.19 0.00	160.13 5.14 0.00	174.29 6.01 0.00	198.73 7.76 -0.12	262.86 12.05 0.00	173.91 8.51 0.00	147.89 7.70 0.00	152.80 7.45 -0.87	151.62 6.51 0.00	154.26 5.93 0.00	171.29 6.60 0.13	191.23 7.80 0.11	186.36 7.68 -4.45	291.82 14.07 -2.02	196.27 9.67 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.65 9.21 -12.75	172.29 8.08 -5.43	105.34 4.68 0.00
RAVENSWOOD_GT3_3 24250	179.35 5.26 0.00	149.35 4.59 0.00	158.77 4.99 0.00	177.78 5.40 0.00	160.36 5.37 0.00	174.49 6.21 0.00	199.02 8.05 -0.12	263.27 12.46 0.00	174.18 8.78 0.00	148.17 7.98 0.00	153.05 7.70 -0.87	151.87 6.75 0.00	154.54 6.20 0.00	171.61 6.91 0.13	191.58 8.15 0.11	186.69 8.02 -4.45	292.34 14.59 -2.02	196.58 9.98 -1.09	176.25 8.82 0.00	200.59 9.22 -5.66	202.18 8.73 -17.38	205.98 9.55 -12.75	172.53 8.32 -5.43	105.49 4.84 0.00
RAVENSWOOD_GT3_4 24251	179.35 5.26 0.00	149.35 4.59 0.00	158.77 4.99 0.00	177.78 5.40 0.00	160.36 5.37 0.00	174.49 6.21 0.00	199.02 8.05 -0.12	263.27 12.46 0.00	174.18 8.78 0.00	148.17 7.98 0.00	153.05 7.70 -0.87	151.87 6.75 0.00	154.54 6.20 0.00	171.61 6.91 0.13	191.58 8.15 0.11	186.69 8.02 -4.45	292.34 14.59 -2.02	196.58 9.98 -1.09	176.25 8.82 0.00	200.59 9.22 -5.66	202.18 8.73 -17.38	205.98 9.55 -12.75	172.53 8.32 -5.43	105.49 4.84 0.00
RAVENSWOOD_GT_1 23729	178.98 4.90 0.00	149.10 4.34 0.00	158.40 4.62 0.00	177.42 5.04 0.00	159.99 5.00 0.00	174.15 5.88 0.00	198.70 7.72 -0.12	262.86 12.05 0.00	174.07 8.67 0.00	148.05 7.86 0.00	152.89 7.54 -0.87	151.61 6.49 0.00	154.23 5.89 0.00	171.30 6.61 0.13	191.26 7.83 0.11	186.50 7.82 -4.45	292.13 14.38 -2.02	196.60 9.99 -1.09	176.18 8.75 0.00	200.45 9.07 -5.66	202.06 8.61 -17.38	205.69 9.26 -12.75	172.32 8.10 -5.43	105.36 4.71 0.00
RAVENSWOOD_GT_10 24258	179.08 5.00 0.00	149.15 4.39 0.00	158.55 4.76 0.00	177.58 5.20 0.00	160.15 5.16 0.00	174.30 6.03 0.00	198.75 7.78 -0.12	262.86 12.05 0.00	173.92 8.52 0.00	147.90 7.71 0.00	152.81 7.46 -0.87	151.64 6.52 0.00	154.31 5.98 0.00	171.31 6.62 0.13	191.24 7.81 0.11	186.40 7.73 -4.45	291.82 14.07 -2.02	196.27 9.67 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.69 9.26 -12.75	172.29 8.08 -5.43	105.36 4.70 0.00
RAVENSWOOD_GT_11 24259	179.08 5.00 0.00	149.15 4.39 0.00	158.55 4.76 0.00	177.58 5.20 0.00	160.15 5.16 0.00	174.30 6.03 0.00	198.75 7.78 -0.12	262.86 12.05 0.00	173.92 8.52 0.00	147.90 7.71 0.00	152.81 7.46 -0.87	151.64 6.52 0.00	154.31 5.98 0.00	171.31 6.62 0.13	191.24 7.81 0.11	186.40 7.73 -4.45	291.82 14.07 -2.02	196.27 9.67 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.69 9.26 -12.75	172.29 8.08 -5.43	105.36 4.70 0.00
RAVENSWOOD_GT_4 24252	178.94 4.86 0.00	149.00 4.24 0.00	158.35 4.56 0.00	177.39 5.01 0.00	159.98 4.99 0.00	174.13 5.86 0.00	198.56 7.59 -0.12	262.66 11.85 0.00	173.83 8.43 0.00	147.85 7.66 0.00	152.71 7.36 -0.87	151.53 6.41 0.00	154.19 5.86 0.00	171.17 6.47 0.13	191.15 7.72 0.11	186.33 7.65 -4.45	291.80 14.05 -2.02	196.33 9.73 -1.09	176.00 8.57 0.00	200.28 8.91 -5.66	201.87 8.43 -17.38	205.63 9.20 -12.75	172.26 8.04 -5.43	105.29 4.63 0.00
RAVENSWOOD_GT_5 24254	178.94 4.86 0.00	149.00 4.24 0.00	158.35 4.56 0.00	177.39 5.01 0.00	159.98 4.99 0.00	174.13 5.86 0.00	198.56 7.59 -0.12	262.66 11.85 0.00	173.83 8.43 0.00	147.85 7.66 0.00	152.71 7.36 -0.87	151.53 6.41 0.00	154.19 5.86 0.00	171.17 6.47 0.13	191.15 7.72 0.11	186.33 7.65 -4.45	291.80 14.05 -2.02	196.33 9.73 -1.09	176.00 8.57 0.00	200.28 8.91 -5.66	201.87 8.43 -17.38	205.63 9.20 -12.75	172.26 8.04 -5.43	105.29 4.63 0.00
RAVENSWOOD_GT_6 24253	178.94 4.86 0.00	149.00 4.24 0.00	158.35 4.56 0.00	177.39 5.01 0.00	159.98 4.99 0.00	174.13 5.86 0.00	198.56 7.59 -0.12	262.66 11.85 0.00	173.83 8.43 0.00	147.85 7.66 0.00	152.71 7.36 -0.87	151.53 6.41 0.00	154.19 5.86 0.00	171.17 6.47 0.13	191.15 7.72 0.11	186.33 7.65 -4.45	291.80 14.05 -2.02	196.33 9.73 -1.09	176.00 8.57 0.00	200.28 8.91 -5.66	201.87 8.43 -17.38	205.63 9.20 -12.75	172.26 8.04 -5.43	105.29 4.63 0.00
RAVENSWOOD_GT_7 24255	178.94 4.86 0.00	149.00 4.24 0.00	158.35 4.56 0.00	177.39 5.01 0.00	159.98 4.99 0.00	174.13 5.86 0.00	198.56 7.59 -0.12	262.66 11.85 0.00	173.83 8.43 0.00	147.85 7.66 0.00	152.71 7.36 -0.87	151.53 6.41 0.00	154.19 5.86 0.00	171.17 6.47 0.13	191.15 7.72 0.11	186.33 7.65 -4.45	291.80 14.05 -2.02	196.33 9.73 -1.09	176.00 8.57 0.00	200.28 8.91 -5.66	201.87 8.43 -17.38	205.63 9.20 -12.75	172.26 8.04 -5.43	105.29 4.63 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	179.08 5.00 0.00	149.15 4.39 0.00	158.55 4.76 0.00	177.58 5.20 0.00	160.15 5.16 0.00	174.30 6.03 0.00	198.75 7.78 -0.12	262.86 12.05 0.00	173.92 8.52 0.00	147.90 7.71 0.00	152.81 7.46 -0.87	151.64 6.52 0.00	154.31 5.98 0.00	171.31 6.62 0.13	191.24 7.81 0.11	186.40 7.73 -4.45	291.82 14.07 -2.02	196.27 9.67 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.69 9.26 -12.75	172.29 8.08 -5.43	105.36 4.70 0.00
RAVENSWOOD_GT_9 24257	179.08 5.00 0.00	149.15 4.39 0.00	158.55 4.76 0.00	177.58 5.20 0.00	160.15 5.16 0.00	174.30 6.03 0.00	198.75 7.78 -0.12	262.86 12.05 0.00	173.92 8.52 0.00	147.90 7.71 0.00	152.81 7.46 -0.87	151.64 6.52 0.00	154.31 5.98 0.00	171.31 6.62 0.13	191.24 7.81 0.11	186.40 7.73 -4.45	291.82 14.07 -2.02	196.27 9.67 -1.09	175.94 8.51 0.00	200.25 8.88 -5.66	201.85 8.41 -17.38	205.69 9.26 -12.75	172.29 8.08 -5.43	105.36 4.70 0.00

RAVENSWOOD___1 23533	178.64 4.56 0.00	148.82 4.06 0.00	158.12 4.33 0.00	177.09 4.71 0.00	159.71 4.73 0.00	173.83 5.55 0.00	198.25 7.27 -0.12	262.42 11.62 0.00	173.72 8.33 0.00	147.77 7.58 0.00	152.64 7.29 -0.87	151.39 6.28 0.00	154.05 5.72 0.00	171.04 6.35 0.13	190.98 7.55 0.11	186.21 7.53 -4.45	291.61 13.86 -2.02	196.37 9.77 -1.09	176.01 8.58 0.00	200.33 8.96 -5.66	201.88 8.44 -17.38	205.49 9.06 -12.75	172.16 7.94 -5.43	105.23 4.58 0.00
RAVENSWOOD___2 23534	178.64 4.56 0.00	148.82 4.06 0.00	158.12 4.33 0.00	177.09 4.71 0.00	159.71 4.73 0.00	173.83 5.55 0.00	198.25 7.27 -0.12	262.42 11.62 0.00	173.72 8.33 0.00	147.77 7.58 0.00	152.64 7.29 -0.87	151.39 6.28 0.00	154.05 5.72 0.00	171.04 6.35 0.13	190.98 7.55 0.11	186.21 7.53 -4.45	291.61 13.86 -2.02	196.37 9.77 -1.09	176.01 8.58 0.00	200.33 8.96 -5.66	201.88 8.44 -17.38	205.49 9.06 -12.75	172.16 7.94 -5.43	105.23 4.58 0.00
RAVENSWOOD___3 23535	179.08 5.00 0.00	149.11 4.35 0.00	158.54 4.75 0.00	177.57 5.18 0.00	160.15 5.16 0.00	174.29 6.01 0.00	198.62 7.65 -0.12	262.76 11.95 0.00	173.91 8.51 0.00	147.92 7.73 0.00	152.81 7.46 -0.87	151.64 6.52 0.00	154.31 5.98 0.00	171.31 6.61 0.13	191.24 7.81 0.11	186.37 7.69 -4.45	291.78 14.03 -2.02	196.20 9.60 -1.09	175.88 8.45 0.00	200.22 8.85 -5.66	201.84 8.40 -17.38	205.64 9.21 -12.75	172.27 8.06 -5.43	105.34 4.69 0.00
RAVENSWOOD___4 23820	178.64 4.56 0.00	148.82 4.06 0.00	158.12 4.33 0.00	177.09 4.71 0.00	159.71 4.73 0.00	173.83 5.55 0.00	198.25 7.27 -0.12	262.42 11.62 0.00	173.72 8.33 0.00	147.77 7.58 0.00	152.64 7.29 -0.87	151.39 6.28 0.00	154.05 5.72 0.00	171.04 6.35 0.13	190.98 7.55 0.11	186.21 7.53 -4.45	291.61 13.86 -2.02	196.37 9.77 -1.09	176.01 8.58 0.00	200.33 8.96 -5.66	201.88 8.44 -17.38	205.49 9.06 -12.75	172.16 7.94 -5.43	105.23 4.58 0.00
RCPL_TRUST___DRP 24196	179.26 5.18 0.00	149.21 4.45 0.00	158.67 4.88 0.00	177.68 5.31 0.00	160.22 5.23 0.00	174.44 6.17 0.00	198.96 7.99 -0.12	263.16 12.35 0.00	174.12 8.72 0.00	148.06 7.87 0.00	152.96 7.61 -0.87	151.82 6.70 0.00	154.50 6.16 0.00	171.53 6.83 0.13	191.50 8.07 0.11	186.62 7.94 -4.44	292.20 14.44 -2.02	196.53 9.93 -1.09	176.11 8.68 0.00	200.46 9.09 -5.66	202.03 8.59 -17.38	205.88 9.44 -12.74	172.43 8.22 -5.43	105.41 4.76 0.00
RED___ROCHESTER 323720	169.52 -4.51 0.06	139.10 -4.40 1.26	148.42 -5.36 0.00	165.64 -6.73 0.00	148.05 -6.94 0.00	157.95 -10.32 0.00	176.91 -12.33 1.61	211.73 -17.32 21.76	131.85 -10.98 22.57	131.27 -8.37 0.56	135.89 -8.58 0.00	136.95 -8.17 0.00	140.87 -7.46 0.00	154.90 -9.29 0.63	173.41 -9.59 0.54	158.48 -9.72 6.03	258.19 -14.51 3.03	173.61 -8.62 3.28	159.97 -7.46 0.00	177.26 -8.45 0.00	168.10 -7.96 0.00	167.14 -9.78 0.00	141.87 -8.75 6.77	95.75 -4.90 8.16
REGAN___SOLAR 323812	182.69 8.62 0.00	151.79 7.03 0.00	161.18 7.39 0.00	180.55 8.17 0.00	162.55 7.56 0.00	176.99 8.72 0.00	203.02 11.56 -0.61	266.74 15.94 0.00	173.37 7.97 0.00	143.63 3.44 0.00	151.58 2.71 -4.39	148.48 3.37 0.00	152.19 3.86 0.00	170.26 5.56 0.12	190.47 7.04 0.10	209.20 9.71 -27.06	301.61 14.82 -11.05	201.56 10.66 -5.38	177.28 9.85 0.00	224.43 10.68 -28.04	271.74 9.59 -86.09	261.14 9.76 -67.69	199.59 8.33 -32.46	105.36 4.71 0.00
RENSSELAER___COGEN 23796	177.11 3.03 0.00	147.62 2.86 0.00	157.07 3.28 0.00	175.83 3.45 0.00	158.27 3.28 0.00	172.20 3.92 0.00	195.68 4.39 -0.43	256.38 5.57 0.00	169.12 3.72 0.00	143.62 3.43 0.00	152.01 4.42 -3.11	149.44 4.33 0.00	152.51 4.18 0.00	169.67 4.85 0.00	188.68 5.14 0.00	199.60 5.42 -19.95	291.64 7.91 -7.99	194.33 5.00 -3.81	171.39 3.96 0.00	210.27 4.74 -19.82	241.85 4.95 -60.84	237.77 5.47 -48.61	187.59 4.91 -23.89	103.76 3.11 0.00
REPUBLIC_115KV_BARTNBRK 55605	196.83 22.74 0.00	165.14 20.38 0.00	176.65 22.87 0.00	196.98 24.60 0.00	178.48 23.49 0.00	195.80 27.52 0.00	225.18 33.60 -0.72	294.37 43.56 0.00	193.06 27.66 0.00	162.09 21.89 0.00	171.75 22.08 -5.19	167.44 22.33 0.00	168.72 20.39 0.00	188.46 23.63 0.00	209.77 26.24 0.00	233.08 25.51 -33.34	332.46 43.39 -13.33	221.30 29.43 -6.35	195.26 27.83 0.00	251.04 32.25 -33.08	304.55 26.92 -101.56	289.56 24.71 -81.15	219.49 20.82 -39.89	111.58 10.93 0.00
REVERE_CPPR_DRP 24186	191.66 17.58 0.00	158.22 13.47 0.00	168.12 14.34 0.00	188.57 16.19 0.00	169.62 14.63 0.00	184.17 15.89 0.00	209.88 19.03 0.00	275.69 24.88 0.00	181.26 15.86 0.00	152.71 12.52 0.00	157.97 13.49 0.00	159.35 14.23 0.00	162.32 13.98 0.00	180.08 15.26 0.00	199.37 15.84 0.00	189.00 14.76 0.00	298.48 22.74 0.00	202.28 16.77 0.00	182.52 15.09 0.00	201.26 15.55 0.00	189.75 13.69 0.00	197.09 13.40 0.00	170.26 11.47 0.00	107.17 6.52 0.00
REYNLDPA_13_KV_LD 356490	174.19 0.11 0.00	145.00 0.24 0.00	153.79 0.00 0.00	172.53 0.15 0.00	155.33 0.34 0.00	168.95 0.68 0.00	191.05 0.20 0.00	250.66 -0.14 0.00	165.44 0.04 0.00	140.58 0.38 0.00	144.92 0.44 0.00	145.81 0.69 0.00	149.13 0.79 0.00	165.39 0.57 0.00	183.88 0.35 0.00	174.31 0.08 0.00	275.12 -0.62 0.00	185.46 -0.06 0.00	167.67 0.24 0.00	186.27 0.56 0.00	176.66 0.60 0.00	184.09 0.40 0.00	159.06 0.27 0.00	101.38 0.73 0.00
REYNOLDS_115KV_TB3 80639	178.40 4.32 0.00	148.80 4.04 0.00	158.34 4.56 0.00	177.11 4.73 0.00	159.46 4.46 0.00	173.51 5.24 0.00	197.42 6.06 -0.51	258.43 7.62 0.00	170.54 5.14 0.00	144.73 4.54 0.00	153.56 5.46 -3.62	150.52 5.40 0.00	153.47 5.14 0.00	170.92 6.09 0.00	189.94 6.41 0.00	204.10 6.63 -23.23	294.86 9.83 -9.30	196.06 6.11 -4.43	172.55 5.12 0.00	214.96 6.18 -23.07	253.11 6.22 -70.83	247.07 6.78 -56.60	192.58 5.98 -27.81	104.17 3.52 0.00
RIVERBAY____ 323610	182.31 8.23 0.00	151.88 7.12 0.00	161.26 7.48 0.00	180.90 8.52 0.00	163.00 8.01 0.00	177.37 9.10 0.00	202.31 11.33 -0.12	267.17 16.36 0.00	176.77 11.37 0.00	150.05 9.85 0.00	155.06 9.71 -0.87	153.72 8.60 0.00	156.55 8.21 0.00	173.72 9.02 0.13	194.06 10.63 0.11	189.20 10.52 -4.45	295.94 18.19 -2.02	199.24 12.63 -1.09	179.06 11.62 0.00	203.50 12.13 -5.66	204.99 11.55 -17.38	208.85 12.41 -12.75	174.77 10.56 -5.43	107.01 6.36 0.00
RIVERSDE_115KV_TB3 55908	178.08 4.00 0.00	148.43 3.67 0.00	157.90 4.11 0.00	176.72 4.34 0.00	159.09 4.10 0.00	173.10 4.82 0.00	196.89 5.56 -0.48	257.88 7.08 0.00	170.11 4.71 0.00	144.45 4.26 0.00	153.22 5.28 -3.47	150.31 5.20 0.00	153.40 5.07 0.00	170.72 5.90 0.00	189.85 6.31 0.00	202.94 6.44 -22.26	294.31 9.66 -8.91	195.91 6.14 -4.25	172.43 5.00 0.00	213.72 5.90 -22.11	249.86 5.91 -67.89	244.35 6.42 -54.25	191.11 5.66 -26.66	104.18 3.53 0.00
ROARING___BROOK_WT_PWR 323790	174.55 0.46 0.00	145.19 0.44 0.00	154.25 0.46 0.00	172.77 0.39 0.00	155.04 0.06 0.00	168.39 0.11 0.00	190.75 -0.10 0.00	250.33 -0.47 0.00	164.85 -0.55 0.00	139.53 -0.66 0.00	144.15 -0.32 0.00	144.17 -0.94 0.00	146.84 -1.49 0.00	162.77 -2.06 0.00	180.75 -2.79 0.00	171.12 -3.12 0.00	270.04 -5.69 0.00	182.24 -3.27 0.00	163.68 -3.75 0.00	180.95 -4.76 0.00	172.12 -3.94 0.00	180.34 -3.35 0.00	156.18 -2.61 0.00	99.40 -1.25 0.00

ROCHESRG_115KV_T4 355643	167.79 -6.29 0.00	138.93 -5.83 0.00	146.98 -6.81 0.00	164.05 -8.33 0.00	146.54 -8.45 0.00	156.14 -12.13 0.00	168.03 -14.93 7.88	203.04 -20.78 26.98	126.80 -13.28 25.32	128.87 -10.34 0.98	133.73 -10.75 0.00	134.78 -10.33 0.00	138.68 -9.65 0.00	152.45 -11.73 0.64	170.61 -12.39 0.54	155.81 -12.35 6.07	249.44 -18.95 7.34	164.68 -11.59 9.24	151.34 -10.08 6.01	168.02 -11.20 6.50	159.25 -10.50 6.31	158.80 -12.28 12.61	139.17 -10.61 9.01	94.64 -6.01 0.00
ROCHESTER_9_IC 23652	169.01 -5.07 0.00	139.92 -4.84 0.00	148.00 -5.79 0.00	165.14 -7.24 0.00	147.58 -7.41 0.00	157.33 -10.94 0.00	175.77 -13.48 1.61	210.31 -18.72 21.77	130.85 -11.96 22.59	130.53 -9.10 0.56	135.09 -9.39 0.00	136.13 -8.99 0.00	140.05 -8.28 0.00	153.98 -10.21 0.63	172.36 -10.64 0.54	157.47 -10.74 6.02	256.35 -16.35 3.03	172.37 -9.86 3.29	158.93 -8.50 0.00	176.19 -9.52 0.00	167.12 -8.94 0.00	166.12 -10.80 6.76	141.17 -9.45 8.16	95.37 -5.28 0.00
ROCKVIEW_13_KV_LD 356306	179.77 5.69 0.00	149.63 4.87 0.00	159.11 5.32 0.00	178.20 5.82 0.00	160.66 5.67 0.00	174.79 6.52 0.00	199.48 8.51 -0.12	263.81 13.01 0.00	174.35 8.95 0.00	148.05 7.85 0.00	152.98 7.62 -0.87	151.87 6.75 0.00	154.54 6.20 0.00	171.64 6.95 0.13	191.63 8.20 0.11	186.81 8.13 -4.45	292.54 14.79 -2.02	196.72 10.11 -1.09	176.36 8.93 0.00	200.76 9.39 -5.66	202.28 8.84 -17.38	206.12 9.68 -12.75	172.66 8.44 -5.43	105.58 4.93 0.00
ROME____115KV_TB2 80656	191.66 17.58 0.00	158.22 13.47 0.00	168.12 14.34 0.00	188.57 16.19 0.00	169.62 14.63 0.00	184.17 15.89 0.00	209.88 19.03 0.00	275.69 24.88 0.00	181.26 15.86 0.00	152.71 12.52 0.00	157.97 13.49 0.00	159.35 14.23 0.00	162.32 13.98 0.00	180.08 15.26 0.00	199.37 15.84 0.00	189.00 14.76 0.00	298.48 22.74 0.00	202.28 16.77 0.00	182.52 15.09 0.00	201.26 15.55 0.00	189.75 13.69 0.00	197.09 13.40 0.00	170.26 11.47 0.00	107.17 6.52 0.00
ROSETON___1 23587	177.36 3.28 0.00	147.65 2.89 0.00	157.09 3.31 0.00	176.05 3.67 0.00	158.65 3.66 0.00	172.58 4.30 0.00	196.49 5.52 -0.12	260.02 9.22 0.00	171.74 6.34 0.00	145.69 5.49 0.00	150.48 5.16 -0.85	149.58 4.47 0.00	152.36 4.02 0.00	169.45 4.75 0.13	189.04 5.61 0.11	184.05 5.52 -4.29	288.05 10.36 -1.95	193.18 6.61 -1.06	173.18 5.75 0.00	197.21 5.99 -5.50	198.62 5.65 -16.90	202.81 6.76 -12.36	170.23 6.20 -5.24	104.24 3.59 0.00
ROSETON___2 23588	177.36 3.28 0.00	147.65 2.89 0.00	157.09 3.31 0.00	176.05 3.67 0.00	158.65 3.66 0.00	172.58 4.30 0.00	196.49 5.52 -0.12	260.02 9.22 0.00	171.74 6.34 0.00	145.69 5.49 0.00	150.48 5.16 -0.85	149.58 4.47 0.00	152.36 4.02 0.00	169.45 4.75 0.13	189.04 5.61 0.11	184.05 5.52 -4.29	288.05 10.36 -1.95	193.18 6.61 -1.06	173.18 5.75 0.00	197.21 5.99 -5.50	198.62 5.65 -16.90	202.81 6.76 -12.36	170.23 6.20 -5.24	104.24 3.59 0.00
ROTRDAM_115KV_TB3 80664	179.03 4.95 0.00	149.07 4.32 0.00	158.54 4.75 0.00	177.61 5.23 0.00	159.77 4.78 0.00	173.71 5.43 0.00	198.20 6.66 -0.69	259.62 8.81 0.00	170.99 5.59 0.00	144.61 4.42 0.00	153.94 4.54 -4.92	149.70 4.58 0.00	152.92 4.59 0.00	170.24 5.42 0.00	189.45 5.91 0.00	211.94 6.05 -31.65	298.15 9.73 -12.68	197.96 6.40 -6.04	173.19 5.76 0.00	223.65 6.48 -31.46	278.68 6.02 -96.60	267.17 6.29 -77.19	202.18 5.45 -37.94	103.80 3.15 0.00
RUSSELL___1 23602	169.56 -4.52 0.00	140.34 -4.42 0.00	148.42 -5.37 0.00	165.64 -6.73 0.00	148.05 -6.94 0.00	157.94 -10.34 0.00	176.59 -12.65 1.61	211.45 -17.59 21.76	131.66 -11.16 22.57	131.28 -8.36 0.56	135.92 -8.56 0.00	136.96 -8.16 0.00	140.89 -7.44 0.00	154.88 -9.31 0.63	173.36 -9.63 0.54	158.38 -9.83 6.03	257.85 -14.85 3.03	173.41 -8.82 3.28	159.82 -7.61 0.00	177.12 -8.60 0.00	167.98 -8.08 0.00	166.96 -9.96 6.77	141.80 -8.83 8.16	95.75 -4.91 0.00
RUSSELL___2 23532	169.56 -4.52 0.00	140.34 -4.42 0.00	148.42 -5.37 0.00	165.64 -6.73 0.00	148.05 -6.94 0.00	157.94 -10.34 0.00	176.59 -12.65 1.61	211.45 -17.59 21.76	131.66 -11.16 22.57	131.28 -8.36 0.56	135.92 -8.56 0.00	136.96 -8.16 0.00	140.89 -7.44 0.00	154.88 -9.31 0.63	173.36 -9.63 0.54	158.38 -9.83 6.03	257.85 -14.85 3.03	173.41 -8.82 3.28	159.82 -7.61 0.00	177.12 -8.60 0.00	167.98 -8.08 0.00	166.96 -9.96 6.77	141.80 -8.83 8.16	95.75 -4.91 0.00
RUSSELL___3 23549	169.56 -4.52 0.00	140.34 -4.42 0.00	148.42 -5.37 0.00	165.64 -6.73 0.00	148.05 -6.94 0.00	157.94 -10.34 0.00	176.59 -12.65 1.61	211.45 -17.59 21.76	131.66 -11.16 22.57	131.28 -8.36 0.56	135.92 -8.56 0.00	136.96 -8.16 0.00	140.89 -7.44 0.00	154.88 -9.31 0.63	173.36 -9.63 0.54	158.38 -9.83 6.03	257.85 -14.85 3.03	173.41 -8.82 3.28	159.82 -7.61 0.00	177.12 -8.60 0.00	167.98 -8.08 0.00	166.96 -9.96 6.77	141.80 -8.83 8.16	95.75 -4.91 0.00
RUSSELL___4 23556	169.56 -4.52 0.00	140.34 -4.42 0.00	148.42 -5.37 0.00	165.64 -6.73 0.00	148.05 -6.94 0.00	157.94 -10.34 0.00	176.59 -12.65 1.61	211.45 -17.59 21.76	131.66 -11.16 22.57	131.28 -8.36 0.56	135.92 -8.56 0.00	136.96 -8.16 0.00	140.89 -7.44 0.00	154.88 -9.31 0.63	173.36 -9.63 0.54	158.38 -9.83 6.03	257.85 -14.85 3.03	173.41 -8.82 3.28	159.82 -7.61 0.00	177.12 -8.60 0.00	167.98 -8.08 0.00	166.96 -9.96 6.77	141.80 -8.83 8.16	95.75 -4.91 0.00
RUSSELL___STATION 23914	169.56 -4.52 0.00	140.34 -4.42 0.00	148.42 -5.37 0.00	165.64 -6.73 0.00	148.05 -6.94 0.00	157.94 -10.34 0.00	176.59 -12.65 1.61	211.45 -17.59 21.76	131.66 -11.16 22.57	131.28 -8.36 0.56	135.92 -8.56 0.00	136.96 -8.16 0.00	140.89 -7.44 0.00	154.88 -9.31 0.63	173.36 -9.63 0.54	158.38 -9.83 6.03	257.85 -14.85 3.03	173.41 -8.82 3.28	159.82 -7.61 0.00	177.12 -8.60 0.00	167.98 -8.08 0.00	166.96 -9.96 6.77	141.80 -8.83 8.16	95.75 -4.91 0.00
S SALMON___HYD 24043	172.87 -1.21 0.00	143.34 -1.42 0.00	152.39 -1.39 0.00	170.76 -1.62 0.00	153.22 -1.77 0.00	165.76 -2.52 0.00	188.22 -2.64 0.00	246.90 -3.91 0.00	162.36 -3.04 0.00	137.02 -3.17 0.00	141.53 -2.95 0.00	142.59 -2.53 0.00	145.72 -2.62 0.00	161.64 -3.19 0.00	179.59 -3.95 0.00	169.78 -4.45 0.00	268.25 -7.49 0.00	181.17 -4.35 0.00	163.56 -3.87 0.00	180.72 -4.99 0.00	170.90 -5.16 0.00	178.07 -5.62 0.00	153.87 -4.91 0.00	97.43 -3.22 0.00
S.PERRY__115KV_TB1 80734	164.03 -10.06 0.00	135.16 -9.59 0.00	142.83 -10.96 0.00	159.08 -13.30 0.00	142.16 -12.83 0.00	151.01 -17.27 0.00	302.22 -21.43 -132.80	263.64 -28.16 -40.99	132.88 -17.20 15.32	132.66 -15.16 -7.63	128.08 -16.39 0.00	128.01 -17.10 0.00	130.95 -17.38 0.00	144.74 -19.47 0.61	162.72 -20.30 0.52	148.21 -19.74 6.28	335.15 -29.58 -89.00	288.27 -19.31 -122.06	284.99 -17.27 -134.83	311.76 -19.58 -145.62	298.51 -18.96 -141.41	282.58 -21.55 -120.44	146.72 -18.62 -6.56	90.15 -10.49 0.01
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	165.60 -8.48 0.00	136.83 -7.93 0.00	144.30 -9.49 0.00	160.57 -11.81 0.00	142.41 -12.58 0.00	149.14 -19.13 0.00	125.47 -24.75 40.63	138.43 -34.51 77.86	76.97 -22.54 65.88	119.31 -17.12 3.76	126.55 -17.93 0.00	127.99 -17.13 0.00	132.31 -16.03 0.00	144.28 -19.92 0.63	161.63 -21.37 0.54	146.56 -21.53 6.15	211.71 -33.43 30.59	122.22 -20.73 42.57	113.78 -17.91 35.74	127.22 -19.88 38.61	120.31 -18.26 37.49	120.77 -20.40 42.51	127.21 -17.27 14.30	90.72 -9.93 0.00

SAWYER___23_KV_LOAD 55526	165.60 -8.48 0.00	136.83 -7.93 0.00	144.30 -9.49 0.00	160.57 -11.81 0.00	142.41 -12.58 0.00	149.14 -19.13 0.00	125.47 -24.75 40.63	138.43 -34.51 77.86	76.97 -22.54 65.88	119.31 -17.12 3.76	126.55 -17.93 0.00	127.99 -17.13 0.00	132.31 -16.03 0.00	144.28 -19.92 0.63	161.63 -21.37 0.54	146.56 -21.53 6.15	211.71 -33.43 30.59	122.22 -20.73 42.57	113.78 -17.91 35.74	127.22 -19.88 38.61	120.31 -18.26 37.49	120.77 -20.40 42.51	127.21 -17.27 14.30	90.72 -9.93 0.00
SELKIRK___I 23801	178.16 4.07 0.00	148.47 3.71 0.00	157.98 4.19 0.00	176.93 4.55 0.00	159.13 4.14 0.00	172.97 4.69 0.00	196.51 5.35 -0.31	257.41 6.61 0.00	169.45 4.05 0.00	143.50 3.31 0.00	150.56 3.88 -2.20	149.04 3.93 0.00	152.41 4.07 0.00	169.81 4.98 0.00	188.85 5.31 0.00	193.97 5.57 -14.16	289.86 8.46 -5.67	193.54 5.33 -2.70	171.91 4.48 0.00	204.97 5.19 -14.07	224.50 5.23 -43.21	223.91 5.70 -34.53	180.88 5.13 -16.97	103.88 3.23 0.00
SELKIRK___II 23799	177.12 3.04 0.00	147.59 2.83 0.00	156.98 3.19 0.00	175.84 3.46 0.00	158.19 3.20 0.00	172.06 3.78 0.00	195.56 4.38 -0.33	256.39 5.59 0.00	169.11 3.71 0.00	143.47 3.28 0.00	150.80 3.95 -2.37	148.97 3.86 0.00	152.12 3.79 0.00	169.29 4.46 0.00	188.24 4.70 0.00	194.34 4.90 -15.20	289.06 7.24 -6.09	193.01 4.60 -2.90	171.21 3.78 0.00	205.23 4.41 -15.11	226.90 4.46 -46.38	225.69 4.95 -37.06	181.42 4.42 -18.21	103.42 2.77 0.00
SENECA OSWGO___HYD 24041	167.93 -6.15 0.00	139.35 -5.41 0.00	147.99 -5.80 0.00	165.81 -6.57 0.00	148.97 -6.02 0.00	161.38 -6.90 0.00	183.28 -7.57 0.00	240.80 -10.00 0.00	158.76 -6.64 0.00	134.18 -6.01 0.00	138.17 -6.31 0.00	142.00 -6.33 0.00	158.16 -6.91 -0.24	176.57 -7.17 -0.21	169.56 -6.96 -2.28	265.66 -10.58 -0.51	178.56 -6.96 0.00	161.15 -6.28 0.00	178.58 -7.13 0.00	169.15 -6.91 0.00	178.28 -7.59 0.00	154.69 -6.78 -2.67	96.34 -4.31 0.00	
SENECA___115KV_TB3 355854	167.83 -6.12 0.13	135.90 -6.12 2.74	146.21 -7.57 0.00	162.78 -9.59 0.00	144.38 -10.61 0.00	151.43 -16.84 0.00	129.23 -21.55 40.08	140.66 -30.22 79.92	76.23 -20.00 69.17	121.36 -15.03 3.80	128.78 -15.69 0.00	130.06 -15.06 0.00	134.31 -14.02 0.00	146.58 -17.62 0.63	164.35 -18.65 0.53	149.00 -19.09 6.14	215.83 -29.35 30.55	124.75 -18.07 42.70	116.54 -15.69 35.20	129.94 -17.75 38.02	122.82 -16.33 36.92	123.08 -18.44 42.17	128.62 -15.73 14.44	91.47 -9.17 0.00
SENECA___ENERGY 23797	170.70 -3.36 0.02	141.11 -3.31 0.34	149.99 -3.79 0.00	167.78 -4.60 0.00	150.60 -4.39 0.00	162.45 -5.82 0.00	185.84 -6.34 -1.33	259.68 -8.48 -17.36	181.79 -5.52 -21.92	135.62 -5.12 -0.55	139.21 -5.26 0.00	140.01 -5.11 0.00	143.48 -4.86 0.00	158.75 -5.63 0.44	177.44 -5.72 0.37	164.74 -5.52 3.98	268.83 -7.76 -0.85	183.96 -4.95 -3.39	163.19 -4.24 0.00	180.76 -4.95 0.00	170.88 -5.18 0.00	174.78 -6.12 2.79	149.64 -5.60 3.55	97.27 -3.39 0.00
SHOEMAKER___GT 23640	177.43 3.35 0.00	147.59 2.83 0.00	157.02 3.24 0.00	176.05 3.67 0.00	158.55 3.56 0.00	172.44 4.16 0.00	196.33 5.37 -0.11	259.43 8.62 0.00	171.09 5.69 0.00	144.79 4.59 0.00	149.43 4.17 -0.78	148.62 3.50 0.00	151.52 3.19 0.00	168.48 3.79 0.13	188.34 4.92 0.11	183.09 5.04 -3.81	286.68 9.17 -1.77	192.00 5.51 -0.97	172.13 4.70 0.00	195.64 4.85 -5.07	196.55 4.91 -15.58	200.97 6.02 -11.26	168.87 5.42 -4.66	103.73 3.08 0.00
SHOEMAKR_138KV_BK 111 55601	177.26 3.18 0.00	147.46 2.70 0.00	156.87 3.08 0.00	175.88 3.50 0.00	158.40 3.41 0.00	172.29 4.01 0.00	196.21 5.25 -0.11	259.24 8.43 0.00	170.99 5.59 0.00	144.74 4.55 0.00	149.44 4.19 -0.78	148.68 3.56 0.00	151.53 3.20 0.00	168.47 3.77 0.13	188.23 4.81 0.11	182.93 4.93 -3.77	286.59 9.11 -1.75	192.11 5.63 -0.97	172.28 4.85 0.00	195.71 4.97 -5.03	196.41 4.89 -15.45	200.77 5.93 -11.16	168.72 5.33 -4.61	103.66 3.00 0.00
SHOREHAM_IC_1 23715	191.66 7.82 -9.76	153.30 6.75 -1.79	166.14 6.66 -5.70	181.94 6.91 -2.65	169.14 8.33 -5.83	186.44 9.66 -8.51	212.18 10.38 -10.96	283.97 8.94 -24.23	182.82 9.16 -8.26	153.38 10.47 -2.72	158.63 9.38 -4.77	156.91 7.64 -4.15	159.74 6.83 -4.57	179.66 7.34 -7.49	204.50 9.84 -11.12	192.24 3.86 -14.14	287.28 6.76 -4.78	198.15 5.44 -7.20	183.53 6.99 -9.11	211.66 8.45 -17.50	212.10 7.18 -28.86	223.15 12.55 -26.91	183.80 10.94 -14.07	108.28 7.63 0.00
SHOREHAM_IC_2 23716	191.66 7.82 -9.76	153.30 6.75 -1.79	166.15 6.66 -5.70	181.89 6.86 -2.65	169.11 8.29 -5.83	186.45 9.66 -8.51	212.29 10.48 -10.96	284.28 9.24 -24.23	182.85 9.18 -8.26	153.38 10.46 -2.72	158.63 9.38 -4.77	156.92 7.65 -4.15	159.70 6.80 -4.57	179.65 7.33 -7.50	204.55 9.89 -11.12	192.31 3.93 -14.14	287.43 6.91 -4.78	198.24 5.52 -7.20	183.58 7.04 -9.11	211.72 8.50 -17.50	212.14 7.22 -28.86	223.17 12.57 -26.91	183.81 10.96 -14.07	108.27 7.62 0.00
SISSONVILLE____ 23735	179.30 5.22 0.00	149.50 4.74 0.00	158.69 4.91 0.00	178.03 5.65 0.00	159.77 4.78 0.00	172.45 4.18 0.00	194.52 3.67 0.00	254.29 3.49 0.00	167.61 2.22 0.00	142.20 2.01 0.00	147.68 3.20 0.00	149.36 4.25 0.00	152.50 4.17 0.00	168.24 3.41 0.00	186.08 2.54 0.00	175.89 1.66 0.00	277.47 1.73 0.00	187.52 2.01 0.00	169.75 2.32 0.00	188.42 2.71 0.00	178.43 2.36 0.00	185.83 2.15 0.00	161.12 2.33 0.00	102.63 1.98 0.00
SITHE_IND_GS1 24169	166.80 -7.28 0.00	138.48 -6.28 0.00	147.05 -6.73 0.00	164.73 -7.65 0.00	147.99 -6.99 0.00	160.30 -7.97 0.01	181.87 -8.98 0.00	238.81 -12.00 0.00	157.48 -7.92 0.00	133.24 -6.95 0.00	137.28 -7.20 0.00	137.89 -7.23 0.00	141.07 -7.27 0.00	151.89 -8.02 4.91	170.84 -8.53 4.16	120.36 -8.19 45.69	252.89 -12.65 10.20	177.11 -8.41 0.00	159.89 -7.55 0.00	177.19 -8.52 0.00	167.91 -8.15 0.00	131.26 -8.68 43.75	97.56 -7.59 53.64	95.87 -4.78 0.00
SITHE_IND_GS2 24170	166.80 -7.28 0.00	138.48 -6.28 0.00	147.05 -6.73 0.00	164.73 -7.65 0.00	147.99 -6.99 0.00	160.30 -7.97 0.01	181.87 -8.98 0.00	238.81 -12.00 0.00	157.48 -7.92 0.00	133.24 -6.95 0.00	137.28 -7.20 0.00	137.89 -7.23 0.00	141.07 -7.27 0.00	151.89 -8.02 4.91	170.84 -8.53 4.16	120.36 -8.19 45.69	252.89 -12.65 10.20	177.11 -8.41 0.00	159.89 -7.55 0.00	177.19 -8.52 0.00	167.91 -8.15 0.00	131.26 -8.68 43.75	97.56 -7.59 53.64	95.87 -4.78 0.00
SITHE_IND_GS3 24171	166.80 -7.28 0.00	138.48 -6.28 0.00	147.05 -6.73 0.00	164.73 -7.65 0.00	147.99 -6.99 0.00	160.30 -7.97 0.01	181.87 -8.98 0.00	238.81 -12.00 0.00	157.48 -7.92 0.00	133.24 -6.95 0.00	137.28 -7.20 0.00	137.89 -7.23 0.00	141.07 -7.27 0.00	151.89 -8.02 4.91	170.84 -8.53 4.16	120.36 -8.19 45.69	252.89 -12.65 10.20	177.11 -8.41 0.00	159.89 -7.55 0.00	177.19 -8.52 0.00	167.91 -8.15 0.00	131.26 -8.68 43.75	97.56 -7.59 53.64	95.87 -4.78 0.00
SITHE_IND_GS4 24172	166.80 -7.28 0.00	138.48 -6.28 0.00	147.05 -6.73 0.00	164.73 -7.65 0.00	147.99 -6.99 0.00	160.30 -7.97 0.01	181.87 -8.98 0.00	238.81 -12.00 0.00	157.48 -7.92 0.00	133.24 -6.95 0.00	137.28 -7.20 0.00	137.89 -7.23 0.00	141.07 -7.27 0.00	151.89 -8.02 4.91	170.84 -8.53 4.16	120.36 -8.19 45.69	252.89 -12.65 10.20	177.11 -8.41 0.00	159.89 -7.55 0.00	177.19 -8.52 0.00	167.91 -8.15 0.00	131.26 -8.68 43.75	97.56 -7.59 53.64	95.87 -4.78 0.00

SITHE___BATAVIA 24024	166.61 -7.38 0.09	135.91 -6.97 1.87	145.20 -8.58 0.00	161.74 -10.64 0.00	144.18 -10.81 0.00	152.07 -16.20 0.00	150.28 -19.39 21.18	178.61 -27.52 44.67	106.09 -18.12 41.19	123.90 -14.18 2.11	129.52 -14.95 0.00	130.52 -14.59 0.00	134.78 -13.55 0.00	147.98 -16.22 0.63	165.86 -17.14 0.54	151.09 -17.07 6.07	232.56 -25.50 17.67	146.19 -15.22 24.11	135.11 -13.23 19.09	150.70 -14.39 20.62	145.46 -10.59 20.02	145.77 -12.13 25.79	136.39 -11.03 11.36	94.47 -6.18 0.00
SITHE___INDEPEND 23800	166.80 -7.28 0.00	138.48 -6.28 0.00	147.06 -6.72 0.00	164.73 -7.65 0.00	147.99 -7.00 0.00	160.29 -7.97 0.01	181.80 -9.05 0.00	238.80 -12.00 0.00	157.46 -7.94 0.00	133.25 -6.94 0.00	137.28 -7.20 0.00	137.88 -7.23 0.00	141.07 -7.27 0.00	151.89 -8.03 4.91	170.80 -8.57 4.16	120.36 -8.19 45.69	252.89 -12.65 10.20	177.12 -8.40 0.00	159.87 -7.56 0.00	177.19 -8.52 0.00	167.90 -8.16 0.00	131.24 -8.70 43.75	97.55 -7.60 53.64	95.87 -4.78 0.00
SITHE___MASSENA 23902	178.00 3.93 0.00	148.18 3.43 0.00	157.20 3.42 0.00	176.34 3.96 0.00	158.67 3.68 0.00	172.33 4.05 0.00	194.79 3.94 0.00	255.37 4.56 0.00	168.50 3.10 0.00	143.14 2.94 0.00	147.74 3.26 0.00	149.19 4.08 0.00	152.60 4.26 0.00	169.01 4.18 0.00	187.85 4.32 0.00	177.84 3.61 0.00	280.92 5.18 0.00	189.50 3.98 0.00	171.40 3.97 0.00	190.40 4.69 0.00	180.53 4.47 0.00	188.05 4.36 0.00	162.58 3.79 0.00	103.28 2.62 0.00
SITHE___OGDNSBRG 24021	181.49 7.41 0.00	151.32 6.56 0.00	160.56 6.78 0.00	180.19 7.80 0.00	162.12 7.13 0.00	175.46 7.19 0.00	198.46 7.62 0.00	259.94 9.13 0.00	171.26 5.86 0.00	145.36 5.17 0.00	150.17 5.70 0.00	151.60 6.48 0.00	154.89 6.55 0.00	171.25 6.42 0.00	190.15 6.62 0.00	180.07 5.84 0.00	284.93 9.19 0.00	192.75 7.23 0.00	174.60 7.17 0.00	193.98 8.27 0.00	183.66 7.60 0.00	191.08 7.39 0.00	165.17 6.39 0.00	104.94 4.29 0.00
SITHE___STERLING 23777	175.02 0.94 0.00	145.55 0.79 0.00	154.70 0.91 0.00	173.37 0.99 0.00	156.03 1.04 0.00	169.61 1.34 0.00	193.94 2.03 -1.06	267.69 3.08 -13.81	183.74 1.65 -16.69	141.20 0.59 -0.42	144.86 0.38 0.00	145.47 0.35 0.00	148.56 0.23 0.00	164.84 0.42 0.40	184.26 1.06 0.34	171.69 1.10 3.65	278.44 2.37 -0.33	188.69 0.95 -2.23	168.09 0.66 0.00	186.09 0.37 0.00	176.50 0.43 0.00	182.94 2.07 2.82	156.85 1.60 3.54	101.60 0.94 0.00
SLEIGHT__34_KV_TB1 80719	169.33 -4.75 0.00	140.12 -4.64 0.00	148.45 -5.34 0.00	165.98 -6.40 0.00	148.91 -6.08 0.00	159.94 -8.34 0.00	181.41 -9.44 0.00	237.77 -13.03 0.00	156.98 -8.41 0.00	133.14 -7.05 0.00	137.16 -7.32 0.00	138.12 -7.00 0.00	141.79 -6.54 0.00	156.30 -7.95 0.57	174.93 -8.12 0.49	160.98 -7.93 5.33	262.89 -11.65 1.19	178.33 -7.19 0.00	161.19 -6.24 0.00	178.61 -7.11 0.00	168.91 -7.15 0.00	170.04 -8.54 5.11	144.94 -7.59 6.26	96.15 -4.50 0.00
SMITHTWN_69_KV_BK 1 55830	185.64 6.97 -4.59	151.68 6.08 -0.84	162.48 6.01 -2.68	179.71 6.09 -1.25	164.88 7.15 -2.74	180.84 8.55 -4.01	205.84 9.76 -5.22	271.55 9.34 -11.41	178.40 9.11 -3.89	151.09 9.62 -1.28	155.82 8.64 -2.71	154.24 7.17 -1.96	156.86 6.38 -2.15	175.25 6.96 -3.46	197.83 9.11 -5.18	189.43 6.18 -9.01	290.64 11.59 -3.32	198.60 9.12 -3.96	181.17 9.45 -4.29	207.60 10.65 -11.24	208.00 9.15 -22.79	215.11 12.00 -19.42	178.63 10.35 -9.50	108.12 7.47 0.00
SOUTH CAIRO___GT 23612	186.73 12.65 0.00	155.43 10.67 0.00	165.28 11.50 0.00	185.14 12.76 0.00	166.78 11.79 0.00	181.67 13.39 0.00	207.10 15.95 -0.31	271.95 21.15 0.00	178.32 12.92 0.00	149.45 9.26 0.00	155.89 9.23 -2.19	153.63 8.51 0.00	157.43 9.09 0.00	176.93 12.20 0.10	197.50 14.05 0.09	201.97 14.63 -13.10	304.17 23.01 -5.42	204.56 16.36 -2.68	181.85 14.41 0.00	215.64 15.95 -13.98	234.15 15.18 -42.91	232.55 15.49 -33.37	187.52 13.01 -15.73	108.76 8.10 0.00
SOUTH HAMPTN___IC 23720	193.79 9.40 -10.32	154.60 7.95 -1.89	167.69 7.87 -6.03	183.53 8.35 -2.81	171.58 10.43 -6.16	189.79 12.51 -9.00	216.58 14.15 -11.58	290.94 14.51 -25.62	186.10 11.96 -8.74	156.26 13.19 -2.88	161.46 11.98 -5.00	159.63 10.13 -4.39	162.51 9.33 -4.84	182.40 9.64 -7.93	207.59 12.29 -11.76	195.66 6.72 -14.70	293.67 12.99 -4.94	201.58 8.51 -7.55	186.44 9.38 -9.63	213.83 9.93 -18.18	213.77 8.19 -29.52	224.27 12.86 -27.72	184.36 11.01 -14.57	108.29 7.64 0.00
SOUTHDOW_115KV_TB1 355954	172.72 -1.37 0.00	141.23 -3.53 0.00	149.63 -4.15 0.00	165.64 -6.74 0.00	144.75 -10.24 0.00	152.35 -15.92 0.00	148.09 -21.02 21.74	150.05 -27.35 73.40	76.68 -18.44 70.27	124.39 -13.08 2.72	130.59 -13.89 0.00	131.64 -13.48 0.00	135.57 -12.76 0.00	148.23 -15.97 0.62	165.18 -17.83 0.53	150.93 -17.15 6.15	230.93 -26.85 17.95	141.30 -18.59 25.62	134.61 -16.25 16.57	148.75 -19.07 17.90	140.42 -18.26 17.38	138.75 -20.28 24.65	131.41 -14.92 12.45	91.85 -8.80 0.00
SOUTHOLD_69_KV_BK 2 55809	194.27 9.88 -10.31	154.82 8.17 -1.89	167.80 7.99 -6.03	183.76 8.58 -2.80	172.82 11.68 -6.15	191.63 14.36 -9.00	219.23 16.82 -11.57	294.63 18.23 -25.60	185.82 11.69 -8.73	158.43 15.36 -2.88	163.52 14.05 -4.99	161.70 12.19 -4.39	164.30 11.14 -4.83	184.02 11.27 -7.93	209.21 13.92 -11.75	197.09 8.17 -14.69	296.91 16.23 -4.94	202.73 9.67 -7.54	187.35 10.30 -9.62	213.65 9.77 -18.17	213.15 7.59 -29.50	223.32 11.93 -27.71	183.39 10.05 -14.56	107.60 6.95 0.00
SOUTHOLD___IC 23719	194.26 9.87 -10.31	154.81 8.17 -1.89	167.84 8.03 -6.03	183.76 8.58 -2.80	172.82 11.68 -6.15	191.66 14.38 -9.00	219.14 16.72 -11.57	294.38 17.98 -25.60	185.78 11.65 -8.73	158.42 15.36 -2.88	163.52 14.05 -4.99	161.70 12.19 -4.39	164.34 11.18 -4.83	184.03 11.28 -7.93	209.16 13.87 -11.75	197.05 8.12 -14.69	296.81 16.14 -4.94	202.68 9.63 -7.54	187.30 10.24 -9.62	213.59 9.71 -18.17	213.12 7.56 -29.50	223.26 11.87 -27.71	183.39 10.05 -14.56	107.61 6.96 0.00
SOUTH_FORK_WT_PWR 323839	192.98 8.58 -10.31	153.64 7.00 -1.89	166.50 6.68 -6.03	182.32 7.14 -2.80	172.39 11.25 -6.16	191.58 14.30 -9.00	219.38 16.95 -11.57	295.19 18.77 -25.61	187.70 13.56 -8.74	159.00 15.93 -2.88	164.09 14.62 -4.99	162.11 12.60 -4.39	164.73 11.56 -4.84	184.00 11.24 -7.93	208.92 13.63 -11.76	196.49 7.55 -14.70	296.48 15.80 -4.94	201.60 8.53 -7.54	185.98 8.92 -9.63	211.20 7.31 -18.18	210.58 5.00 -29.51	220.54 9.14 -27.72	181.05 7.70 -14.56	106.17 5.52 0.00
SPIERFLS_115KV_TB 1 80737	187.20 13.12 0.00	156.16 11.40 0.00	166.38 12.60 0.00	186.08 13.70 0.00	167.75 12.76 0.00	182.96 14.68 0.00	209.42 17.85 -0.72	274.18 23.38 0.00	180.33 14.93 0.00	151.90 11.71 0.00	161.43 11.79 -5.16	157.10 11.98 0.00	160.01 11.68 0.00	178.37 13.55 0.00	198.65 15.12 0.00	222.32 14.95 -33.14	313.54 24.55 -13.26	208.42 16.59 -6.32	182.60 15.17 0.00	235.80 17.20 -32.88	292.71 15.68 -100.97	279.70 15.33 -80.68	211.46 13.02 -39.65	108.00 7.35 0.00
ST LAWRENCE____ 23600	175.45 1.37 0.00	146.01 1.25 0.00	154.88 1.10 0.00	173.75 1.37 0.00	156.38 1.39 0.00	170.10 1.82 0.00	192.33 1.48 0.00	252.42 1.62 0.00	166.60 1.20 0.00	141.53 1.34 0.00	145.92 1.44 0.00	146.80 1.69 0.00	150.16 1.83 0.00	166.53 1.71 0.00	185.21 1.68 0.00	175.42 1.18 0.00	277.14 1.40 0.00	186.74 1.23 0.00	168.84 1.41 0.00	187.57 1.86 0.00	177.88 1.82 0.00	185.35 1.67 0.00	160.06 1.28 0.00	101.61 0.96 0.00

STATE_CA_115KV_115_LB 55624	178.49 4.41 0.00	148.65 3.90 0.00	158.18 4.39 0.00	177.07 4.69 0.00	159.39 4.40 0.00	173.45 5.17 0.00	197.22 5.90 -0.47	258.39 7.58 0.00	170.43 5.03 0.00	144.78 4.59 0.00	153.61 5.76 -3.37	150.81 5.69 0.00	153.97 5.63 0.00	171.30 6.48 0.00	190.52 6.98 0.00	202.95 7.05 -21.66	295.12 10.71 -8.67	196.52 6.87 -4.13	172.96 5.53 0.00	213.65 6.42 -21.52	248.53 6.41 -66.06	243.35 6.87 -52.78	190.81 6.08 -25.94	104.55 3.90 0.00
STATE_ST_34_KV_LOAD 55959	173.01 -1.07 0.00	142.95 -1.81 0.00	151.78 -2.01 0.00	170.02 -2.36 0.00	152.97 -2.02 0.00	165.47 -2.81 0.00	190.97 -2.37 -2.49	279.70 -3.41 -32.30	202.60 -2.00 -39.21	138.29 -2.88 -0.98	141.79 -2.69 0.00	142.46 -2.66 0.00	145.84 -2.49 0.00	161.50 -2.90 0.42	180.42 -2.75 0.36	168.34 -2.24 3.66	275.39 -2.67 -2.33	189.85 -1.79 -6.12	165.99 -1.44 0.00	183.82 -1.89 0.00	173.27 -2.79 0.00	178.97 -3.07 1.65	153.68 -2.85 2.27	98.89 -1.77 0.00
STATION_5_MISC_HYD 23604	168.95 -5.07 0.06	138.68 -4.82 1.26	148.00 -5.79 0.00	165.14 -7.23 0.00	147.58 -7.40 0.00	157.32 -10.96 0.00	176.13 -13.11 1.61	210.56 -18.47 21.77	131.05 -11.75 22.59	130.50 -9.14 0.56	135.07 -9.40 0.00	136.11 -9.00 0.00	140.02 -8.32 0.00	153.98 -10.21 0.63	172.39 -10.61 0.54	157.54 -10.67 6.02	256.72 -15.98 3.03	172.59 -9.64 3.29	159.09 -8.34 0.00	176.32 -9.39 0.00	167.22 -8.84 0.00	166.31 -10.62 6.76	141.22 -9.41 8.16	95.36 -5.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	170.13 -3.96 0.00	140.88 -3.88 0.00	149.23 -4.56 0.00	166.84 -5.54 0.00	149.50 -5.49 0.00	160.40 -7.88 0.00	181.96 -8.89 0.00	238.78 -12.02 0.00	157.62 -7.78 0.00	133.69 -6.51 0.00	137.53 -6.95 0.00	138.40 -6.72 0.00	142.11 -6.23 0.00	156.61 -7.64 0.57	175.33 -7.72 0.49	161.20 -7.71 5.33	263.16 -11.38 1.19	178.63 -6.88 0.00	161.47 -5.96 0.00	178.95 -6.77 0.00	169.39 -6.67 0.00	170.44 -8.15 5.11	145.31 -7.22 6.26	96.43 -4.22 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	167.41 -6.67 0.00	138.66 -6.10 0.00	146.71 -7.08 0.00	163.89 -8.49 0.00	146.60 -8.39 0.00	156.70 -11.57 0.00	170.17 -13.87 6.81	210.21 -19.01 21.59	133.51 -12.23 19.66	129.79 -9.60 0.80	134.44 -10.04 0.00	135.43 -9.68 0.00	139.24 -9.10 0.00	153.23 -10.97 0.63	171.44 -11.56 0.53	156.85 -11.44 5.95	251.81 -17.49 6.44	166.97 -10.74 7.80	152.75 -9.34 5.34	169.46 -10.48 5.77	160.51 -9.94 5.61	160.39 -11.69 11.61	140.00 -10.26 8.52	94.71 -5.94 0.00
STA_56___34_KV_BUS2 355983	167.41 -6.67 0.00	138.66 -6.10 0.00	146.71 -7.08 0.00	163.89 -8.49 0.00	146.60 -8.39 0.00	156.70 -11.57 0.00	170.17 -13.87 6.81	210.21 -19.01 21.59	133.51 -12.23 19.66	129.79 -9.60 0.80	134.44 -10.04 0.00	135.43 -9.68 0.00	139.24 -9.10 0.00	153.23 -10.97 0.63	171.44 -11.56 0.53	156.85 -11.44 5.95	251.81 -17.49 6.44	166.97 -10.74 7.80	152.75 -9.34 5.34	169.46 -10.48 5.77	160.51 -9.94 5.61	160.39 -11.69 11.61	140.00 -10.26 8.52	94.71 -5.94 0.00
STA_67___115KV_BK2 355882	168.73 -5.35 0.00	139.70 -5.06 0.00	147.76 -6.02 0.00	164.92 -7.45 0.00	147.35 -7.64 0.00	157.04 -11.23 0.00	175.40 -13.84 1.61	209.78 -19.26 21.77	130.50 -12.31 22.58	130.21 -9.43 0.56	134.72 -9.76 0.00	135.74 -9.38 0.00	139.63 -8.70 0.00	153.56 -10.64 0.63	171.90 -11.10 0.54	157.03 -11.18 6.03	255.68 -17.03 3.03	171.94 -10.29 3.29	158.52 -8.91 0.00	175.80 -9.91 0.00	166.73 -9.33 0.00	165.76 -11.17 6.76	140.91 -9.72 8.16	95.19 -5.46 0.00
STA_7___115KV_9TRANS 80674	169.56 -4.52 0.00	140.34 -4.42 0.00	148.42 -5.37 0.00	165.64 -6.73 0.00	148.05 -6.94 0.00	157.94 -10.34 0.00	176.59 -12.65 1.61	211.45 -17.59 21.76	131.66 -11.16 22.57	131.28 -8.36 0.56	135.92 -8.56 0.00	136.96 -8.16 0.00	140.89 -7.44 0.00	154.88 -9.31 0.63	173.36 -9.63 0.54	158.38 -9.83 6.03	257.85 -14.85 3.03	173.41 -8.82 3.28	159.82 -7.61 0.00	177.12 -8.60 0.00	167.98 -8.08 0.00	166.96 -9.96 6.77	141.80 -8.83 8.16	95.75 -4.91 0.00
STA_82___115KV_TB1 80780	168.62 -5.46 0.00	139.61 -5.15 0.00	147.64 -6.14 0.00	164.80 -7.58 0.00	147.26 -7.73 0.00	156.96 -11.32 0.00	175.21 -14.04 1.60	209.43 -19.53 21.84	130.19 -12.51 22.69	130.05 -9.58 0.56	134.56 -9.92 0.00	135.58 -9.53 0.00	139.47 -8.86 0.00	153.39 -10.80 0.63	171.68 -11.31 0.54	156.86 -11.36 6.01	255.39 -17.30 3.04	171.73 -10.48 3.31	158.36 -9.07 0.00	175.63 -10.08 0.00	166.57 -9.49 0.00	165.60 -11.33 6.76	140.80 -9.83 8.15	95.12 -5.53 0.00
STEEL___WIND 323596	167.66 -6.29 0.13	135.76 -6.26 2.74	146.06 -7.72 0.00	162.64 -9.74 0.00	144.27 -10.72 0.00	151.28 -16.99 0.00	128.96 -21.81 40.08	140.31 -30.57 79.92	76.02 -20.21 69.17	121.06 -15.34 3.80	128.42 -16.06 0.00	129.77 -15.35 0.00	133.99 -14.34 0.00	146.30 -17.90 0.63	163.99 -19.01 0.53	148.67 -19.42 6.14	215.28 -29.91 30.55	124.28 -18.54 42.70	116.18 -16.05 35.20	129.52 -18.17 38.02	122.52 -16.62 36.92	122.72 -18.79 42.17	128.32 -16.03 14.44	91.27 -9.37 0.00
STEPHTWN_115KV_BK_2 55603	179.80 5.72 0.00	149.36 4.60 0.00	159.15 5.36 0.00	178.26 5.88 0.00	160.52 5.54 0.00	174.62 6.35 0.00	198.62 7.34 -0.43	260.38 9.58 0.00	171.77 6.38 0.00	145.70 5.51 0.00	153.83 6.25 -3.11	151.22 6.11 0.00	153.97 5.64 0.00	171.67 6.85 0.00	190.87 7.34 0.00	201.81 7.62 -19.95	295.73 12.01 -7.99	197.23 7.90 -3.81	174.17 6.74 0.00	213.20 7.67 -19.82	244.64 7.74 -60.84	240.45 8.15 -48.61	189.65 6.97 -23.89	105.00 4.35 0.00
STEUBEN_REC_LFGE 323667	175.62 1.54 0.00	144.34 -0.42 0.00	152.74 -1.05 0.00	169.89 -2.48 0.00	150.76 -4.23 0.00	159.27 -9.00 0.00	260.63 -13.96 -83.74	115.07 -20.82 114.92	-10.92 -12.49 163.82	131.77 -10.09 -1.67	134.28 -10.40 -0.20	134.53 -10.58 0.00	136.10 -12.23 0.00	148.52 -15.71 0.60	167.31 -15.73 0.50	152.23 -16.33 5.67	301.58 -25.61 -51.46	232.27 -17.15 -63.90	248.45 -15.47 -96.50	273.39 -17.85 -105.53	264.34 -16.96 -105.23	244.66 -18.88 -79.84	137.72 -16.55 4.52	90.02 -10.60 0.02
STILLWATER___SOLAR 323814	183.79 9.71 0.00	153.22 8.46 0.00	163.09 9.30 0.00	182.51 10.13 0.00	164.31 9.32 0.00	178.98 10.70 0.00	204.45 12.86 -0.74	267.57 16.77 0.00	176.04 10.64 0.00	148.67 8.47 0.00	158.42 8.66 -5.28	153.94 8.83 0.00	157.07 8.74 0.00	175.07 10.25 0.00	194.88 11.35 0.00	219.57 11.44 -33.89	307.87 18.58 -13.55	204.32 12.35 -6.45	178.62 11.19 0.00	232.06 12.74 -33.60	291.01 11.77 -103.18	278.06 11.92 -82.45	209.45 10.14 -40.52	106.51 5.86 0.00
STONY___BROOK 24151	188.36 6.82 -7.45	152.07 5.94 -1.36	164.04 5.90 -4.36	180.38 5.98 -2.03	166.57 7.13 -4.45	183.29 8.51 -6.50	208.66 9.41 -8.40	277.77 8.47 -18.50	180.46 8.75 -6.31	151.78 9.51 -2.08	156.91 8.58 -3.85	155.35 7.06 -3.17	158.14 6.31 -3.49	177.35 6.84 -5.69	200.81 8.81 -8.46	191.66 5.57 -11.85	290.32 10.46 -4.13	199.61 8.35 -5.75	183.26 8.88 -6.96	210.39 9.97 -14.71	210.82 8.61 -26.14	218.82 11.57 -23.56	180.91 10.09 -12.03	108.06 7.40 0.00
STURGEON_POOL_HYD 23609	178.88 4.80 0.00	148.81 4.05 0.00	158.29 4.51 0.00	177.52 5.14 0.00	159.93 4.94 0.00	174.03 5.76 0.00	198.55 7.54 -0.15	262.75 11.95 0.00	173.51 8.11 0.00	146.95 6.76 0.00	151.80 6.22 -1.10	150.62 5.51 0.00	153.41 5.08 0.00	170.65 5.95 0.12	190.48 7.04 0.10	187.10 6.93 -5.94	291.12 12.79 -2.60	195.34 8.46 -1.36	174.98 7.55 0.00	200.53 7.73 -7.09	204.85 7.04 -21.75	207.98 8.00 -16.29	173.11 7.12 -7.20	104.76 4.11 0.00

ST_LAW_115_BK7_LBMP 345037	175.51 1.43 0.00	146.08 1.32 0.00	154.93 1.15 0.00	173.82 1.44 0.00	156.43 1.45 0.00	170.12 1.85 0.00	192.34 1.49 0.00	252.40 1.60 0.00	166.57 1.17 0.00	141.56 1.37 0.00	145.94 1.46 0.00	146.87 1.76 0.00	150.24 1.90 0.00	166.59 1.76 0.00	185.24 1.71 0.00	175.43 1.20 0.00	277.12 1.38 0.00	186.81 1.29 0.00	168.84 1.41 0.00	187.63 1.92 0.00	177.96 1.89 0.00	185.43 1.74 0.00	160.18 1.39 0.00	101.71 1.06 0.00
ST_LAW_115_BK8_LBMP 345038	175.51 1.43 0.00	146.08 1.32 0.00	154.93 1.15 0.00	173.82 1.44 0.00	156.43 1.45 0.00	170.12 1.85 0.00	192.34 1.49 0.00	252.40 1.60 0.00	166.57 1.17 0.00	141.56 1.37 0.00	145.94 1.46 0.00	146.87 1.76 0.00	150.24 1.90 0.00	166.59 1.76 0.00	185.24 1.71 0.00	175.43 1.20 0.00	277.12 1.38 0.00	186.81 1.29 0.00	168.84 1.41 0.00	187.63 1.92 0.00	177.96 1.89 0.00	185.43 1.74 0.00	160.18 1.39 0.00	101.71 1.06 0.00
ST_LAW_230_BK5_LBMP 345035	175.45 1.37 0.00	146.01 1.25 0.00	154.88 1.10 0.00	173.75 1.37 0.00	156.38 1.39 0.00	170.10 1.82 0.00	192.33 1.48 0.00	252.42 1.62 0.00	166.60 1.20 0.00	141.53 1.34 0.00	145.92 1.44 0.00	146.80 1.69 0.00	150.16 1.83 0.00	166.53 1.71 0.00	185.21 1.68 0.00	175.42 1.18 0.00	277.14 1.40 0.00	186.74 1.23 0.00	168.84 1.41 0.00	187.57 1.86 0.00	177.88 1.82 0.00	185.35 1.67 0.00	160.06 1.28 0.00	101.61 0.96 0.00
ST_LAW_230_BK6_LBMP 345036	175.45 1.37 0.00	146.01 1.25 0.00	154.88 1.10 0.00	173.75 1.37 0.00	156.38 1.39 0.00	170.10 1.82 0.00	192.33 1.48 0.00	252.42 1.62 0.00	166.60 1.20 0.00	141.53 1.34 0.00	145.92 1.44 0.00	146.80 1.69 0.00	150.16 1.83 0.00	166.53 1.71 0.00	185.21 1.68 0.00	175.42 1.18 0.00	277.14 1.40 0.00	186.74 1.23 0.00	168.84 1.41 0.00	187.57 1.86 0.00	177.88 1.82 0.00	185.35 1.67 0.00	160.06 1.28 0.00	101.61 0.96 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	177.49 3.41 0.00	147.69 2.93 0.00	157.19 3.41 0.00	176.25 3.87 0.00	158.78 3.79 0.00	172.69 4.42 0.00	196.77 5.80 -0.11	260.18 9.38 0.00	171.68 6.28 0.00	145.42 5.23 0.00	150.19 4.91 -0.80	149.38 4.26 0.00	152.14 3.80 0.00	169.07 4.38 0.13	188.82 5.40 0.11	183.71 5.52 -3.96	288.08 10.51 -1.83	193.43 6.91 -1.00	173.43 6.00 0.00	197.09 6.17 -5.21	197.87 5.81 -16.00	201.85 6.56 -11.60	169.46 5.83 -4.84	103.96 3.31 0.00
SWANROAD_115KV_TB1 355699	161.80 -12.29 0.00	133.80 -10.96 0.00	140.80 -12.99 0.00	156.70 -15.68 0.00	139.16 -15.83 0.00	145.17 -23.10 0.00	130.93 -28.98 30.93	148.66 -41.53 60.62	84.68 -26.90 53.81	116.63 -20.62 2.95	122.78 -21.69 0.00	124.07 -21.04 0.00	128.58 -19.75 0.00	139.95 -24.24 0.63	156.69 -26.31 0.54	142.05 -26.06 6.13	210.29 -40.95 24.50	126.21 -25.41 33.90	117.71 -21.94 27.78	131.40 -24.31 30.00	124.69 -22.23 29.14	126.07 -23.04 34.57	125.71 -20.11 12.96	89.11 -11.53 0.00
SYNERGY___BIOGAS 323694	166.67 -7.41 0.00	137.76 -7.00 0.00	145.23 -8.55 0.00	161.77 -10.61 0.00	144.21 -10.78 0.00	152.07 -16.20 0.00	149.76 -19.91 21.18	178.20 -27.93 44.67	105.78 -18.42 41.19	123.94 -14.14 2.11	129.54 -14.93 0.00	130.54 -14.57 0.00	134.84 -13.50 0.00	147.97 -16.22 0.63	165.81 -17.19 0.54	151.00 -17.16 6.07	232.12 -25.94 17.67	145.87 -15.54 24.11	134.88 -13.46 19.09	150.50 -14.60 20.62	145.25 -10.79 20.02	145.55 -12.35 25.79	136.33 -11.09 11.36	94.44 -6.20 0.00
SYRACUSE___ENERGY_ST1 323597	171.10 -2.98 0.00	141.79 -2.97 0.00	150.67 -3.12 0.00	168.88 -3.50 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	187.91 -3.91 -0.97	258.36 -5.11 -12.67	177.78 -3.48 -15.86	137.11 -3.48 -0.40	140.84 -3.64 0.00	141.44 -3.67 0.00	144.80 -3.53 0.00	160.40 -4.06 0.35	179.35 -3.89 0.30	167.29 -3.74 3.20	270.92 -5.25 -0.44	184.28 -3.48 -2.25	164.29 -3.14 0.00	182.07 -3.64 0.00	172.28 -3.79 0.00	177.14 -4.16 2.39	151.93 -3.85 3.02	98.25 -2.40 0.00
SYRACUSE___ENERGY_ST2 323598	171.10 -2.98 0.00	141.79 -2.97 0.00	150.67 -3.12 0.00	168.88 -3.50 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	187.91 -3.91 -0.97	258.36 -5.11 -12.67	177.78 -3.48 -15.86	137.11 -3.48 -0.40	140.84 -3.64 0.00	141.44 -3.67 0.00	144.80 -3.53 0.00	160.40 -4.06 0.35	179.35 -3.89 0.30	167.29 -3.74 3.20	270.92 -5.25 -0.44	184.28 -3.48 -2.25	164.29 -3.14 0.00	182.07 -3.64 0.00	172.28 -3.79 0.00	177.14 -4.16 2.39	151.93 -3.85 3.02	98.25 -2.40 0.00
SYRACUSE___POWER 24017	171.13 -2.95 0.00	141.91 -2.84 0.00	150.77 -3.01 0.00	168.95 -3.43 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	188.36 -3.95 -1.47	264.86 -5.06 -19.11	185.19 -3.45 -23.25	137.42 -3.35 -0.58	140.88 -3.60 0.00	141.53 -3.59 0.00	144.84 -3.50 0.00	160.18 -4.01 0.63	179.21 -3.79 0.53	164.88 -3.68 5.68	270.57 -5.51 -0.34	184.96 -3.69 -3.14	164.05 -3.38 0.00	181.76 -3.96 0.00	172.16 -3.90 0.00	175.24 -3.95 4.49	149.26 -3.90 5.63	98.32 -2.33 0.00
TALLMAN__138KV_BK151 55660	177.58 3.50 0.00	147.75 2.99 0.00	157.31 3.52 0.00	176.54 4.16 0.00	159.09 4.10 0.00	173.02 4.75 0.00	197.20 6.23 -0.12	260.92 10.12 0.00	172.13 6.73 0.00	145.89 5.70 0.00	150.75 5.44 -0.83	149.81 4.70 0.00	152.52 4.19 0.00	169.36 4.67 0.13	189.16 5.74 0.11	184.26 5.87 -4.16	288.72 11.08 -1.90	194.02 7.47 -1.04	173.85 6.42 0.00	197.69 6.58 -5.39	198.87 6.25 -16.55	202.73 6.98 -12.07	170.01 6.15 -5.08	104.17 3.52 0.00
TEALLAVE_115KV_TB7 355573	169.98 -4.10 0.00	141.03 -3.73 0.00	149.74 -4.04 0.00	167.77 -4.61 0.00	150.73 -4.26 0.00	163.27 -5.01 0.00	185.40 -5.45 0.00	245.34 -7.06 -1.60	172.60 -4.78 -11.98	136.16 -4.33 -0.30	139.90 -4.58 0.00	140.57 -4.54 0.00	143.86 -4.48 0.00	159.17 -5.03 0.62	178.01 -5.00 0.53	163.54 -4.93 5.76	267.20 -7.25 1.29	180.65 -4.87 0.00	163.02 -4.41 0.00	180.63 -5.08 0.00	171.07 -4.99 0.00	172.76 -5.41 5.51	147.13 -4.90 6.76	97.58 -3.07 0.00
TELGRAPH_34_KV_EAST 80808	165.19 -8.89 0.00	136.52 -8.24 0.00	143.88 -9.90 0.00	160.18 -12.20 0.00	142.49 -12.50 0.00	149.45 -18.83 0.00	141.60 -23.61 25.65	167.05 -33.43 50.32	97.51 -21.81 46.07	121.08 -16.63 2.48	126.96 -17.52 0.00	128.17 -16.94 0.00	132.62 -15.71 0.00	144.83 -19.36 0.63	162.24 -20.76 0.54	147.39 -20.75 6.10	222.41 -32.23 21.10	136.86 -19.65 29.01	126.97 -16.99 23.47	141.56 -18.80 25.35	134.59 -16.85 24.62	135.22 -18.26 30.20	130.63 -16.00 12.15	91.51 -9.14 0.00
TEMPLE___115KV_TB 2 55572	170.04 -4.04 0.00	141.05 -3.71 0.00	149.82 -3.97 0.00	167.85 -4.53 0.00	150.82 -4.17 0.00	163.34 -4.93 0.00	185.46 -5.39 0.00	245.45 -6.99 -1.63	172.90 -4.70 -12.20	136.21 -4.29 -0.31	139.97 -4.50 0.00	140.61 -4.51 0.00	143.91 -4.42 0.00	159.22 -4.96 0.65	178.04 -4.94 0.55	163.40 -4.77 6.06	267.24 -7.15 1.35	180.74 -4.78 0.00	163.09 -4.34 0.00	180.71 -5.01 0.00	171.10 -4.96 0.00	172.52 -5.36 5.80	146.85 -4.83 7.11	97.60 -3.05 0.00
TIANA____69_KV_BK 1 55817	193.54 9.16 -10.31	154.41 7.76 -1.89	167.56 7.75 -6.03	183.30 8.12 -2.80	171.09 9.94 -6.15	189.12 11.85 -9.00	215.82 13.40 -11.57	289.92 13.51 -25.60	185.49 11.36 -8.73	155.50 12.43 -2.88	160.76 11.28 -4.99	159.03 9.52 -4.39	161.79 8.63 -4.83	181.84 9.08 -7.93	207.05 11.76 -11.75	195.31 6.38 -14.69	292.86 12.18 -4.94	201.38 8.32 -7.54	186.28 9.23 -9.62	213.98 10.09 -18.17	213.98 8.41 -29.51	224.49 13.09 -27.71	184.58 11.24 -14.56	108.43 7.78 0.00

TILDEN___115KV_TB1 80814	171.13 -2.95 0.00	141.91 -2.84 0.00	150.77 -3.01 0.00	168.95 -3.43 0.00	151.80 -3.19 0.00	164.52 -3.76 0.00	188.36 -3.95 -1.47	264.86 -5.06 -19.11	185.19 -3.45 -23.25	137.42 -3.35 -0.58	140.88 -3.60 0.00	141.53 -3.59 0.00	144.84 -3.50 0.00	160.18 -4.01 0.63	179.21 -3.79 0.53	164.88 -3.68 5.68	270.57 -5.51 -0.34	184.96 -3.69 -3.14	164.05 -3.38 0.00	181.76 -3.96 0.00	172.16 -3.90 0.00	175.24 -3.95 4.49	149.26 -3.90 5.63	98.32 -2.33 0.00
TRIGEN___CC 323695	179.36 5.28 0.00	149.49 4.73 0.00	158.67 4.88 0.00	177.56 5.18 0.00	160.65 5.67 0.00	174.99 6.72 0.00	199.46 8.49 -0.12	261.85 11.04 0.00	174.17 8.78 0.00	148.31 8.12 0.00	152.98 7.62 -0.87	151.67 6.56 0.00	154.29 5.95 0.00	171.20 6.51 0.13	191.50 8.08 0.11	185.84 7.16 -4.45	291.36 13.61 -2.02	196.43 9.82 -1.09	176.46 9.03 0.00	201.20 9.83 -5.66	202.09 8.65 -17.38	206.56 10.12 -12.75	172.73 8.51 -5.43	106.38 5.73 0.00
TRINITY___115KV___4 BK 55933	177.62 3.54 0.00	148.03 3.27 0.00	157.50 3.71 0.00	176.31 3.93 0.00	158.65 3.66 0.00	172.67 4.40 0.00	196.28 4.99 -0.44	257.13 6.33 0.00	169.61 4.21 0.00	144.04 3.85 0.00	152.53 4.89 -3.16	149.95 4.83 0.00	153.02 4.68 0.00	170.28 5.46 0.00	189.34 5.81 0.00	200.55 5.99 -20.32	292.82 8.95 -8.13	195.07 5.68 -3.88	171.95 4.52 0.00	211.26 5.37 -20.18	243.44 5.41 -61.96	239.10 5.89 -49.51	188.36 5.24 -24.33	103.99 3.34 0.00
UNION___PROCESSING_DRP 323587	168.66 -5.42 0.00	139.65 -5.11 0.00	147.73 -6.06 0.00	164.84 -7.54 0.00	147.29 -7.70 0.00	156.98 -11.29 0.00	175.30 -13.97 1.59	209.63 -19.45 21.73	130.34 -12.45 22.61	130.09 -9.55 0.56	134.57 -9.90 0.00	135.62 -9.50 0.00	139.50 -8.83 0.00	153.45 -10.74 0.63	171.73 -11.27 0.54	156.93 -11.31 6.00	255.47 -17.24 3.03	171.79 -10.43 3.29	158.43 -9.00 0.00	175.65 -10.07 0.00	166.68 -9.38 0.00	165.68 -11.26 6.75	140.84 -9.81 8.14	95.14 -5.51 0.00
UPPER HUDSON___HYD 24058	187.20 13.12 0.00	156.16 11.40 0.00	166.38 12.60 0.00	186.08 13.70 0.00	167.75 12.76 0.00	182.95 14.68 0.00	209.42 17.85 -0.72	274.19 23.39 0.00	180.33 14.93 0.00	151.89 11.70 0.00	161.43 11.79 -5.16	157.10 11.98 0.00	160.01 11.68 0.00	178.36 13.54 0.00	198.65 15.12 0.00	222.32 14.94 -33.14	313.54 24.55 -13.26	208.42 16.59 -6.32	182.60 15.17 0.00	235.80 17.21 -32.88	292.71 15.68 -100.97	279.70 15.33 -80.68	211.46 13.02 -39.65	108.00 7.35 0.00
UPPER RAQUET___HYD 24056	179.30 5.22 0.00	149.50 4.73 0.00	158.70 4.91 0.00	178.03 5.65 0.00	159.78 4.79 0.00	172.45 4.17 0.00	194.51 3.66 0.00	254.29 3.49 0.00	167.62 2.22 0.00	142.20 2.01 0.00	147.68 3.20 0.00	149.36 4.25 0.00	152.50 4.17 0.00	168.23 3.41 0.00	186.06 2.52 0.00	175.88 1.64 0.00	277.48 1.75 0.00	187.52 2.00 0.00	169.75 2.32 0.00	188.43 2.71 0.00	178.42 2.36 0.00	185.84 2.15 0.00	161.11 2.33 0.00	102.62 1.97 0.00
VALLEY44_115KV_TB2 355964	168.48 -5.60 0.00	138.80 -5.96 0.00	147.16 -6.63 0.00	164.30 -8.08 0.00	145.63 -9.36 0.00	153.67 -14.60 0.00	154.67 -19.03 17.15	156.08 -24.24 70.49	79.49 -16.68 69.23	125.96 -11.81 2.43	132.31 -12.17 0.00	133.48 -11.63 0.00	137.10 -11.24 0.00	149.90 -14.31 0.62	167.84 -15.18 0.52	152.36 -15.74 6.14	237.02 -23.93 14.79	147.54 -16.70 21.28	140.93 -14.46 12.05	155.91 -16.79 13.01	147.81 -15.62 12.63	146.64 -16.72 20.32	132.36 -14.53 11.89	91.95 -8.70 0.00
VALLEY___115KV_TB 1-4 80826	183.43 9.34 0.00	152.42 7.66 0.00	161.98 8.20 0.00	181.51 9.13 0.00	163.46 8.47 0.00	177.97 9.70 0.00	201.78 10.92 0.00	265.40 14.59 0.00	173.80 8.40 0.00	145.72 5.53 0.00	149.90 5.42 0.00	150.89 5.78 0.00	154.04 5.71 0.00	171.79 6.96 0.00	191.47 7.93 0.00	182.30 8.06 0.00	289.26 13.53 0.00	194.29 8.77 0.00	175.44 8.01 0.00	194.55 8.83 0.00	184.31 8.25 0.00	192.32 8.63 0.00	166.39 7.61 0.00	105.19 4.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	185.63 11.55 0.00	154.07 9.31 0.00	163.98 10.19 0.00	184.17 11.79 0.00	165.48 10.48 0.00	180.01 11.73 0.00	205.42 14.46 -0.11	270.00 19.20 0.00	177.59 12.19 0.00	150.54 10.35 0.00	155.38 10.14 -0.75	154.95 9.83 0.00	158.12 9.79 0.00	175.10 10.59 0.31	195.14 11.87 0.27	187.74 11.59 -1.92	296.22 19.19 -1.30	198.94 12.50 -0.93	178.50 11.06 0.00	202.40 11.84 -4.84	201.87 10.94 -14.87	204.00 11.25 -9.07	170.83 9.65 -2.39	106.35 5.70 0.00
VISCHER___FERRY HYD 24020	180.55 6.47 0.00	150.62 5.86 0.00	160.21 6.43 0.00	179.16 6.78 0.00	161.35 6.36 0.00	175.61 7.33 0.00	200.30 8.72 -0.73	262.01 11.20 0.00	172.56 7.16 0.00	146.22 6.03 0.00	156.37 6.60 -5.29	151.69 6.57 0.00	154.67 6.34 0.00	172.33 7.51 0.00	191.59 8.05 0.00	216.42 8.29 -33.89	302.42 13.18 -13.50	200.51 8.56 -6.43	175.08 7.65 0.00	228.04 8.83 -33.49	287.35 8.46 -102.83	274.74 8.89 -82.16	206.84 7.67 -40.38	105.10 4.45 0.00
V_A_10_SYNC_DSASP 323832	164.02 -10.06 0.00	135.71 -9.05 0.00	143.28 -10.50 0.00	159.66 -12.72 0.00	142.04 -12.95 0.00	149.66 -18.61 0.00	145.15 -23.25 22.45	168.88 -32.51 49.42	102.13 -20.59 42.68	121.79 -16.21 2.20	127.44 -17.04 0.00	128.82 -16.29 0.00	132.86 -15.47 0.00	145.24 -18.95 0.64	162.68 -20.31 0.55	147.85 -20.21 6.17	226.84 -31.38 17.52	142.07 -19.67 23.77	131.23 -17.08 19.12	146.23 -18.83 20.65	138.53 -17.48 20.05	138.36 -19.53 25.80	130.96 -16.46 11.37	91.49 -9.16 0.00
V_CMM_10_SYNC_DSASP 323787	174.96 0.88 0.00	145.62 0.86 0.00	154.46 0.67 0.00	173.27 0.89 0.00	155.97 0.98 0.00	169.65 1.38 0.00	191.87 1.02 0.00	251.66 0.86 0.00	166.13 0.74 0.00	141.15 0.95 0.00	145.54 1.06 0.00	146.46 1.34 0.00	149.79 1.46 0.00	166.11 1.29 0.00	184.66 1.13 0.00	174.95 0.71 0.00	276.31 0.57 0.00	186.26 0.74 0.00	168.39 0.96 0.00	187.10 1.39 0.00	177.45 1.39 0.00	184.90 1.21 0.00	159.72 0.93 0.00	101.60 0.95 0.00
V_CMP_10_SYNC_DSASP 323788	180.28 6.20 0.00	150.83 6.07 0.00	160.16 6.38 0.00	179.41 7.03 0.00	161.71 6.72 0.00	176.19 7.92 0.00	198.97 8.13 0.00	261.84 11.04 0.00	172.59 7.20 0.00	146.81 6.62 0.00	151.48 7.00 0.00	152.06 6.94 0.00	155.39 7.06 0.00	172.69 7.86 0.00	192.07 8.54 0.00	181.57 7.33 0.00	286.78 11.04 0.00	192.16 6.64 0.00	173.49 6.06 0.00	193.60 7.89 0.00	183.54 7.48 0.00	190.57 6.88 0.00	163.66 4.88 0.00	102.97 2.32 0.00
V_D_10_SYNC_DSASP 323841	178.01 3.93 0.00	148.19 3.43 0.00	157.18 3.39 0.00	176.32 3.94 0.00	158.64 3.66 0.00	172.30 4.02 0.00	194.77 3.91 0.00	255.37 4.56 0.00	168.50 3.10 0.00	143.13 2.94 0.00	147.74 3.26 0.00	149.17 4.05 0.00	152.56 4.23 0.00	168.98 4.15 0.00	187.84 4.30 0.00	177.82 3.59 0.00	280.90 5.16 0.00	189.45 3.94 0.00	171.35 3.92 0.00	190.37 4.66 0.00	180.51 4.45 0.00	188.05 4.36 0.00	162.57 3.78 0.00	103.28 2.63 0.00
V_E_10_SYNC_DSASP 323830	188.52 14.44 0.00	155.78 11.02 0.00	165.87 12.08 0.00	186.99 14.61 0.00	168.57 13.58 0.00	183.79 15.51 0.00	228.15 19.37 -17.93	405.28 26.28 -128.20	471.30 24.53 -281.37	159.71 11.45 -8.06	153.04 8.17 -0.39	152.73 7.61 0.00	155.52 7.19 0.00	170.55 6.23 0.50	191.62 8.51 0.43	179.90 7.20 1.53	304.55 13.86 -14.95	219.22 8.33 -25.37	183.94 6.51 -10.00	206.73 7.72 -13.29	201.22 7.03 -18.13	205.73 5.61 -16.44	168.47 5.12 -4.57	103.55 2.89 -0.01

V_F_30_NSYNC___DSASP 323816	183.93 9.85 0.00	153.32 8.56 0.00	163.19 9.41 0.00	182.66 10.28 0.00	164.43 9.44 0.00	179.03 10.76 0.00	204.53 12.96 -0.73	267.69 16.88 0.00	176.13 10.73 0.00	148.78 8.59 0.00	158.45 8.75 -5.23	154.11 8.99 0.00	157.26 8.92 0.00	175.21 10.38 0.00	195.02 11.48 0.00	219.35 11.56 -33.55	307.89 18.73 -13.42	204.38 12.47 -6.39	178.69 11.26 0.00	231.77 12.77 -33.28	290.08 11.83 -102.20	277.38 12.03 -81.66	209.15 10.23 -40.13	106.58 5.93 0.00
V_F_30_SYNC_DSASP 323786	178.47 4.39 0.00	148.64 3.88 0.00	158.17 4.38 0.00	177.05 4.67 0.00	159.39 4.40 0.00	173.42 5.15 0.00	197.18 5.86 -0.47	258.35 7.54 0.00	170.38 4.98 0.00	144.77 4.58 0.00	153.59 5.76 -3.36	150.75 5.63 0.00	153.94 5.61 0.00	171.24 6.42 0.00	190.46 6.92 0.00	202.83 7.04 -21.56	295.03 10.66 -8.63	196.49 6.86 -4.11	172.95 5.51 0.00	213.53 6.41 -21.41	248.18 6.37 -65.75	243.07 6.84 -52.53	190.65 6.04 -25.82	104.53 3.87 0.00
V_XM_10_SYNC_DSASP 323789	180.28 6.20 0.00	150.83 6.07 0.00	160.16 6.38 0.00	179.41 7.03 0.00	161.71 6.72 0.00	176.19 7.92 0.00	198.97 8.13 0.00	261.84 11.04 0.00	172.59 7.20 0.00	146.81 6.62 0.00	151.48 7.00 0.00	152.06 6.94 0.00	155.39 7.06 0.00	172.69 7.86 0.00	192.07 8.54 0.00	181.57 7.33 0.00	286.78 11.04 0.00	192.16 6.64 0.00	173.49 6.06 0.00	193.60 7.89 0.00	183.54 7.48 0.00	190.57 6.88 0.00	163.66 4.88 0.00	102.97 2.32 0.00
W.BABYLN_69_KV_BK1 56697	185.66 8.51 -3.07	152.60 7.34 -0.50	163.01 7.63 -1.60	181.05 7.92 -0.74	165.17 8.54 -1.64	180.70 10.04 -2.39	206.16 12.15 -3.16	272.71 15.10 -6.80	179.54 11.82 -2.32	151.89 10.94 -0.77	156.48 10.03 -1.97	154.92 8.64 -1.17	157.55 7.93 -1.29	175.52 8.69 -2.01	197.66 11.08 -3.04	190.88 9.47 -7.17	295.81 17.28 -2.79	201.51 13.19 -2.80	182.57 12.58 -2.56	208.50 13.80 -8.99	208.78 12.11 -20.60	214.50 14.08 -16.73	178.46 11.81 -7.85	108.54 7.89 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	178.60 4.53 0.00	148.59 3.83 0.00	158.20 4.41 0.00	177.53 5.15 0.00	160.02 5.03 0.00	174.07 5.79 0.00	198.52 7.56 -0.12	262.55 11.75 0.00	173.23 7.83 0.00	146.78 6.59 0.00	151.65 6.33 -0.84	150.74 5.63 0.00	153.47 5.14 0.00	170.49 5.80 0.13	190.43 7.00 0.11	185.52 7.07 -4.21	290.60 12.94 -1.93	195.30 8.73 -1.05	175.02 7.59 0.00	199.06 7.90 -5.45	200.26 7.47 -16.73	204.11 8.21 -12.21	171.15 7.21 -5.15	104.79 4.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	179.32 5.24 0.00	149.23 4.47 0.00	158.70 4.92 0.00	177.75 5.38 0.00	160.26 5.27 0.00	174.49 6.21 0.00	199.06 8.08 -0.12	263.27 12.46 0.00	174.17 8.77 0.00	148.14 7.94 0.00	153.06 7.71 -0.87	151.87 6.75 0.00	154.54 6.20 0.00	171.61 6.91 0.13	191.58 8.15 0.11	186.68 8.00 -4.44	292.33 14.58 -2.02	196.58 9.98 -1.09	176.19 8.76 0.00	200.53 9.16 -5.66	202.07 8.63 -17.38	205.92 9.49 -12.74	172.50 8.29 -5.43	105.44 4.79 0.00
W50THST__13_KV_LOAD 356117	180.58 6.50 0.00	150.27 5.51 0.00	159.78 6.00 0.00	178.91 6.53 0.00	161.35 6.36 0.00	175.63 7.36 0.00	200.34 9.36 -0.12	265.15 14.34 0.00	175.51 10.12 0.00	149.34 9.15 0.00	154.25 8.90 -0.87	153.03 7.91 0.00	155.75 7.41 0.00	172.91 8.22 0.13	193.03 9.61 0.11	188.02 9.34 -4.44	294.54 16.78 -2.02	198.23 11.63 -1.09	177.53 10.10 0.00	201.95 10.58 -5.66	203.42 9.98 -17.38	207.16 10.73 -12.74	173.51 9.29 -5.43	106.07 5.42 0.00
WADING RIVER_IC_1 23522	192.48 8.01 -10.39	153.52 6.86 -1.90	166.66 6.80 -6.08	182.28 7.08 -2.83	169.70 8.51 -6.21	187.18 9.83 -9.07	212.90 10.39 -11.66	285.21 8.59 -25.82	183.32 9.12 -8.81	153.77 10.67 -2.90	159.10 9.59 -5.03	157.46 7.92 -4.43	160.28 7.07 -4.88	180.43 7.61 -8.00	205.51 10.12 -11.85	192.42 3.41 -14.78	286.89 6.19 -4.96	197.79 4.69 -7.60	183.70 6.56 -9.71	212.12 8.13 -18.28	212.57 6.90 -29.61	224.11 12.59 -27.83	184.35 10.93 -14.63	108.29 7.64 0.00
WADING RIVER_IC_2 23547	192.48 8.01 -10.39	153.52 6.86 -1.90	166.66 6.80 -6.08	182.28 7.08 -2.83	169.70 8.51 -6.21	187.18 9.83 -9.07	212.90 10.39 -11.66	285.21 8.59 -25.82	183.32 9.12 -8.81	153.77 10.67 -2.90	159.10 9.59 -5.03	157.46 7.92 -4.43	160.28 7.07 -4.88	180.43 7.61 -8.00	205.51 10.12 -11.85	192.42 3.41 -14.78	286.89 6.19 -4.96	197.79 4.69 -7.60	183.70 6.56 -9.71	212.12 8.13 -18.28	212.57 6.90 -29.61	224.11 12.59 -27.83	184.35 10.93 -14.63	108.29 7.64 0.00
WADING RIVER_IC_3 23601	192.48 8.01 -10.39	153.52 6.86 -1.90	166.66 6.80 -6.08	182.28 7.08 -2.83	169.70 8.51 -6.21	187.18 9.83 -9.07	212.90 10.39 -11.66	285.21 8.59 -25.82	183.32 9.12 -8.81	153.77 10.67 -2.90	159.10 9.59 -5.03	157.46 7.92 -4.43	160.28 7.07 -4.88	180.43 7.61 -8.00	205.51 10.12 -11.85	192.42 3.41 -14.78	286.89 6.19 -4.96	197.79 4.69 -7.60	183.70 6.56 -9.71	212.12 8.13 -18.28	212.57 6.90 -29.61	224.11 12.59 -27.83	184.35 10.93 -14.63	108.29 7.64 0.00
WALDENNY_12_KV_BK2 80841	167.85 -6.23 0.00	138.52 -6.24 0.00	146.10 -7.68 0.00	162.61 -9.77 0.00	144.28 -10.71 0.00	151.27 -17.01 0.00	129.56 -22.18 39.11	141.90 -30.89 78.02	77.41 -20.38 67.61	121.41 -15.07 3.71	128.70 -15.78 0.00	130.10 -15.01 0.00	134.34 -14.00 0.00	146.53 -17.67 0.63	164.29 -18.71 0.53	148.85 -19.25 6.14	216.02 -29.83 29.89	125.43 -18.34 41.74	117.15 -15.89 34.39	130.67 -17.90 37.14	123.65 -16.34 36.07	123.96 -18.38 41.35	128.84 -15.67 14.27	91.51 -9.13 0.00
WALDEN__HYDRO 24148	178.90 4.82 0.00	148.81 4.05 0.00	158.33 4.54 0.00	177.52 5.14 0.00	159.94 4.95 0.00	174.02 5.75 0.00	198.39 7.42 -0.12	262.35 11.54 0.00	173.10 7.70 0.00	146.52 6.33 0.00	151.25 5.93 -0.84	150.47 5.35 0.00	153.22 4.89 0.00	170.42 5.73 0.13	190.29 6.86 0.11	185.42 6.93 -4.25	290.47 12.79 -1.94	195.09 8.52 -1.05	174.95 7.52 0.00	199.01 7.81 -5.48	200.19 7.30 -16.84	204.18 8.20 -12.30	171.19 7.21 -5.20	104.78 4.13 0.00
WARRENSBURG____ 23737	187.20 13.12 0.00	156.16 11.40 0.00	166.38 12.60 0.00	186.08 13.70 0.00	167.75 12.76 0.00	182.96 14.68 0.00	209.42 17.85 -0.72	274.18 23.38 0.00	180.33 14.93 0.00	151.90 11.71 0.00	161.43 11.79 -5.16	157.10 11.98 0.00	160.01 11.68 0.00	178.37 13.55 0.00	198.65 15.12 0.00	222.32 14.95 -33.14	313.54 24.55 -13.26	208.42 16.59 -6.32	182.60 15.17 0.00	235.80 17.20 -32.88	292.71 15.68 -100.97	279.70 15.33 -80.68	211.46 13.02 -39.65	108.00 7.35 0.00
WATERSIDE____6 8 9 23538	178.63 4.55 0.00	148.82 4.06 0.00	158.10 4.31 0.00	177.09 4.71 0.00	159.72 4.73 0.00	173.83 5.56 0.00	198.35 7.38 -0.12	262.42 11.62 0.00	173.76 8.36 0.00	147.78 7.59 0.00	152.62 7.27 -0.87	151.39 6.28 0.00	154.01 5.68 0.00	171.03 6.33 0.13	190.98 7.56 0.11	186.23 7.55 -4.45	291.70 13.95 -2.02	196.46 9.85 -1.09	176.09 8.66 0.00	200.38 9.00 -5.66	201.92 8.48 -17.38	205.57 9.13 -12.75	172.19 7.97 -5.43	105.24 4.58 0.00
WATKINRD_115KV_LN8_ILLION 55919	180.71 6.63 0.00	150.24 5.48 0.00	159.69 5.91 0.00	178.89 6.51 0.00	161.03 6.04 0.00	175.18 6.90 0.00	198.70 7.85 0.00	261.34 10.53 0.00	171.47 6.08 0.00	144.16 3.97 0.00	148.40 3.92 0.00	149.23 4.11 0.00	152.40 4.07 0.00	169.83 5.00 0.00	189.25 5.72 0.00	180.10 5.87 0.00	285.76 10.02 0.00	192.05 6.53 0.00	173.28 5.85 0.00	192.13 6.42 0.00	182.06 6.00 0.00	190.00 6.31 0.00	164.33 5.54 0.00	103.90 3.25 0.00

WDELAWARE___HYD 323627	176.68 2.60 0.00	146.84 2.08 0.00	156.23 2.44 0.00	175.26 2.88 0.00	157.93 2.95 0.00	171.99 3.71 0.00	196.22 5.24 -0.12	259.68 8.88 0.00	171.10 5.70 0.00	144.47 4.27 0.00	148.91 3.59 -0.84	147.81 2.69 0.00	150.70 2.36 0.00	168.13 3.44 0.13	187.70 4.28 0.11	182.81 4.37 -4.21	286.87 9.21 -1.92	192.83 6.27 -1.05	172.92 5.49 0.00	196.74 5.57 -5.45	197.76 4.95 -16.74	201.39 5.51 -12.20	168.69 4.78 -5.13	103.15 2.50 0.00
WEST BABYLON___IC 23714	185.66 8.51 -3.07	152.60 7.34 -0.50	163.01 7.63 -1.60	181.05 7.92 -0.74	165.17 8.54 -1.64	180.70 10.04 -2.39	206.16 12.15 -3.16	272.71 15.10 -6.80	179.54 11.82 -2.32	151.89 10.94 -0.77	156.48 10.03 -1.97	154.92 8.64 -1.17	157.55 7.93 -1.29	175.52 8.69 -2.01	197.66 11.08 -3.04	190.88 9.47 -7.17	295.81 17.28 -2.79	201.51 13.19 -2.80	182.57 12.58 -2.56	208.50 13.80 -8.99	208.78 12.11 -20.60	214.50 14.08 -16.73	178.46 11.81 -7.85	108.54 7.89 0.00
WEST CANADA___HYD 24049	174.65 0.57 0.00	145.24 0.48 0.00	154.40 0.62 0.00	172.99 0.61 0.00	155.48 0.49 0.00	168.95 0.68 0.00	191.62 0.77 0.00	251.81 1.01 0.00	166.00 0.61 0.00	140.64 0.45 0.00	144.91 0.44 0.00	145.55 0.44 0.00	148.75 0.42 0.00	165.32 0.49 0.00	184.07 0.54 0.00	174.76 0.52 0.00	276.44 0.71 0.00	185.90 0.39 0.00	167.74 0.31 0.00	185.91 0.20 0.00	176.28 0.22 0.00	184.09 0.40 0.00	159.27 0.48 0.00	100.94 0.29 0.00
WESTERN_NY_WIND 24143	166.73 -7.35 0.00	137.83 -6.93 0.00	145.31 -8.48 0.00	161.84 -10.54 0.00	144.25 -10.74 0.00	152.03 -16.25 0.00	148.34 -19.92 22.58	176.22 -28.14 46.44	104.15 -18.53 42.72	123.76 -14.21 2.23	129.47 -15.01 0.00	130.52 -14.60 0.00	134.81 -13.52 0.00	147.85 -16.34 0.63	165.70 -17.30 0.54	150.86 -17.29 6.08	230.79 -26.19 18.75	144.18 -15.69 25.65	133.37 -13.59 20.46	148.81 -14.80 22.10	143.37 -11.23 21.46	143.69 -12.83 27.17	135.69 -11.49 11.61	94.23 -6.42 0.00
WESTOVER___LESR 323668	172.53 -1.55 0.00	142.76 -2.00 0.00	151.78 -2.00 0.00	170.06 -2.31 0.00	152.49 -2.50 0.00	164.86 -3.42 0.00	193.06 -4.05 -6.26	234.05 -4.06 12.69	141.00 -3.24 21.16	137.27 -2.80 0.12	141.51 -3.27 -0.30	141.78 -3.33 0.00	145.20 -3.13 0.00	159.93 -4.34 0.56	178.97 -4.10 0.47	166.46 -4.32 3.45	272.71 -5.76 -2.73	184.67 -4.38 -3.53	171.05 -3.84 -7.46	191.07 -4.61 -9.96	185.06 -4.68 -13.68	184.01 -5.13 -5.45	149.89 -4.48 4.42	97.87 -2.78 0.00
WETHRSFD_WT_PWR 323626	168.47 -5.56 0.04	137.38 -6.44 0.94	146.19 -7.60 0.00	162.69 -9.69 0.00	144.14 -10.85 0.00	151.19 -17.07 0.01	32.67 -22.28 135.90	30.73 -31.73 188.34	0.70 -20.77 143.92	113.41 -15.73 11.05	127.90 -16.58 0.00	128.49 -16.62 0.00	132.25 -16.08 0.00	144.27 -19.94 0.62	161.82 -21.18 0.53	146.33 -21.69 6.22	144.68 -33.15 97.91	25.85 -22.17 137.50	21.66 -22.17 125.93	27.27 -19.84 136.01	22.81 -22.43 132.07	29.43 -21.18 131.19	110.92 -23.07 28.11	88.82 -11.82 0.01
WHAVSTOR_138KV_BK127 55557	177.40 3.32 0.00	147.60 2.84 0.00	157.20 3.42 0.00	176.51 4.13 0.00	159.09 4.10 0.00	173.04 4.77 0.00	197.23 6.26 -0.12	260.82 10.01 0.00	172.07 6.67 0.00	145.79 5.60 0.00	150.62 5.31 -0.84	149.68 4.57 0.00	152.37 4.04 0.00	169.25 4.56 0.13	189.02 5.60 0.11	184.15 5.69 -4.23	288.46 10.79 -1.93	193.83 7.27 -1.05	173.68 6.25 0.00	197.58 6.42 -5.46	198.90 6.08 -16.76	202.79 6.87 -12.23	170.03 6.08 -5.16	104.12 3.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	177.40 3.32 0.00	147.60 2.84 0.00	157.20 3.42 0.00	176.51 4.13 0.00	159.09 4.10 0.00	173.04 4.77 0.00	197.23 6.26 -0.12	260.82 10.01 0.00	172.07 6.67 0.00	145.79 5.60 0.00	150.62 5.31 -0.84	149.68 4.57 0.00	152.37 4.04 0.00	169.25 4.56 0.13	189.02 5.60 0.11	184.15 5.69 -4.23	288.46 10.79 -1.93	193.83 7.27 -1.05	173.68 6.25 0.00	197.58 6.42 -5.46	198.90 6.08 -16.76	202.79 6.87 -12.23	170.03 6.08 -5.16	104.12 3.47 0.00
WHITEHAL_115KV_TB1 80871	190.55 16.47 0.00	159.89 15.13 0.00	171.07 17.28 0.00	190.61 18.23 0.00	172.47 17.48 0.00	189.10 20.82 0.00	217.07 25.50 -0.72	283.25 32.45 0.00	186.49 21.09 0.00	157.36 17.17 0.00	167.05 17.38 -5.19	162.58 17.46 0.00	163.80 15.47 0.00	182.64 17.82 0.00	203.21 19.67 0.00	226.68 19.10 -33.34	321.33 32.26 -13.33	213.56 21.69 -6.35	188.33 20.90 0.00	243.32 24.53 -33.08	297.46 19.84 -101.56	282.74 17.89 -81.15	213.81 15.14 -39.89	108.30 7.65 0.00
WHITEPLN_13_KV_LOAD 356215	180.48 6.40 0.00	150.11 5.35 0.00	159.66 5.88 0.00	178.89 6.51 0.00	161.28 6.29 0.00	175.65 7.37 0.00	200.46 9.48 -0.12	265.14 14.34 0.00	175.12 9.72 0.00	148.66 8.46 0.00	153.55 8.20 -0.87	152.50 7.38 0.00	155.24 6.91 0.00	172.40 7.70 0.13	192.53 9.10 0.11	187.70 9.03 -4.43	294.09 16.34 -2.01	197.72 11.12 -1.09	177.32 9.89 0.00	201.74 10.38 -5.65	203.05 9.64 -17.34	206.88 10.48 -12.72	173.25 9.05 -5.41	105.93 5.28 0.00
WM_FLOYD_69_KV_BK2 356380	191.50 7.52 -9.90	153.09 6.52 -1.81	166.04 6.47 -5.78	181.71 6.64 -2.69	168.87 7.97 -5.91	186.29 9.38 -8.64	212.42 10.46 -11.11	285.18 9.80 -24.57	183.02 9.24 -8.38	153.00 10.04 -2.76	158.33 9.03 -4.83	156.67 7.34 -4.21	159.46 6.49 -4.64	179.56 7.13 -7.60	204.48 9.67 -11.28	193.88 5.37 -14.28	290.72 10.16 -4.82	200.46 7.66 -7.28	185.20 8.54 -9.24	213.19 9.81 -17.67	213.41 8.33 -29.02	223.31 12.51 -27.11	183.85 10.87 -14.19	108.25 7.59 0.00
WOODARD___115KV_TB2 355635	169.92 -4.16 0.00	140.97 -3.79 0.00	149.73 -4.05 0.00	167.76 -4.62 0.00	150.74 -4.25 0.00	163.25 -5.02 0.00	185.40 -5.45 0.00	243.59 -7.22 0.00	160.59 -4.81 0.00	135.84 -4.36 0.00	139.88 -4.60 0.00	140.53 -4.58 0.00	143.85 -4.49 0.00	159.33 -5.03 0.46	178.08 -5.06 0.39	165.00 -4.95 4.29	267.42 -7.36 0.96	180.63 -4.88 0.00	163.03 -4.40 0.00	180.63 -5.08 0.00	171.09 -4.98 0.00	174.11 -5.47 4.11	148.85 -4.91 5.04	97.56 -3.09 0.00
WOODMERE_69_KV_BK1 55827	181.64 7.56 0.00	151.37 6.61 0.00	160.61 6.82 0.00	179.68 7.30 0.00	162.58 7.59 0.00	177.14 8.86 0.00	202.02 11.04 -0.12	265.05 14.25 0.00	176.28 10.88 0.00	150.12 9.93 0.00	154.80 9.44 -0.87	153.56 8.45 0.00	156.17 7.83 0.00	173.28 8.59 0.13	193.86 10.43 0.11	188.12 9.43 -4.45	295.02 17.27 -2.02	199.13 12.52 -1.09	179.03 11.60 0.00	203.86 12.49 -5.66	204.56 11.11 -17.38	209.02 12.58 -12.75	174.78 10.57 -5.43	107.65 7.00 0.00
YORK___WARBASSE 23770	178.96 4.88 0.00	148.98 4.22 0.00	158.24 4.45 0.00	177.28 4.90 0.00	159.87 4.88 0.00	174.12 5.85 0.00	198.73 7.76 -0.12	262.80 12.00 0.00	173.96 8.56 0.00	147.81 7.62 0.00	152.72 7.37 -0.87	151.41 6.30 0.00	154.04 5.71 0.00	171.17 6.47 0.13	191.27 7.85 0.11	186.50 7.82 -4.45	292.14 14.39 -2.02	196.53 9.92 -1.09	176.04 8.61 0.00	200.33 8.96 -5.66	201.85 8.41 -17.38	205.44 9.00 -12.75	172.03 7.81 -5.43	105.13 4.48 0.00