

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/15/2025

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	157.18	151.18	129.40	125.08	130.46	162.24	156.27	179.53	206.68	273.97	205.32	184.19	170.37	164.07	161.95	203.34	165.77	185.86	188.06	188.90	162.31	182.87	157.06	134.19
	7.41	6.79	6.00	6.07	5.87	5.90	6.86	8.63	9.41	14.05	11.62	10.39	10.08	9.71	9.78	10.29	9.44	10.52	9.94	9.27	9.00	8.87	7.70	6.79
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.31	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
74TH STREET_GT_1 24260	157.06	151.15	129.38	125.03	130.42	162.13	156.13	179.35	206.44	273.60	205.05	184.00	170.23	164.00	161.92	203.23	165.66	185.75	188.06	188.95	162.41	182.84	157.05	134.13
	7.30	6.75	5.98	6.01	5.83	5.79	6.73	8.45	9.16	13.68	11.34	10.20	9.95	9.64	9.75	10.19	9.33	10.42	9.94	9.32	9.09	8.83	7.69	6.73
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
74TH STREET_GT_2 24261	157.06	151.15	129.38	125.03	130.42	162.13	156.13	179.35	206.44	273.60	205.05	184.00	170.23	164.00	161.92	203.23	165.66	185.75	188.06	188.95	162.41	182.84	157.05	134.13
	7.30	6.75	5.98	6.01	5.83	5.79	6.73	8.45	9.16	13.68	11.34	10.20	9.95	9.64	9.75	10.19	9.33	10.42	9.94	9.32	9.09	8.83	7.69	6.73
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
ADK HUDSON___FALLS 24011	162.55	163.55	134.27	177.19	188.40	456.65	245.08	247.80	334.88	302.44	213.55	189.01	175.75	169.03	166.34	210.88	172.01	192.08	195.09	197.37	168.31	226.70	238.15	182.73
	12.78	12.58	10.87	10.11	10.64	11.54	13.22	16.01	18.43	24.88	17.68	14.92	14.14	13.38	14.07	17.83	14.57	16.74	16.98	17.74	14.99	16.92	13.34	11.07
	0.00	-7.26	0.00	-53.06	-58.58	-318.34	-90.68	-66.21	-129.85	-17.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.48	-83.27	-48.84
ADK RESOURCE___RCVRY 23798	163.79	164.82	135.30	178.37	189.69	459.53	247.11	250.18	338.12	305.73	215.59	190.73	177.52	170.85	168.32	213.34	173.97	194.66	197.79	200.25	170.59	229.53	240.37	184.34
	14.03	13.82	11.90	11.01	11.63	12.78	14.78	18.04	20.97	28.07	19.72	16.63	15.90	15.20	16.05	20.29	16.54	19.32	19.68	20.62	17.28	19.55	15.13	12.43
	0.00	-7.29	0.00	-53.34	-58.89	-319.98	-91.15	-66.55	-130.55	-17.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.68	-83.70	-49.09
ADK S GLENS___FALLS 24028	162.55	163.55	134.27	177.19	188.40	456.65	245.08	247.80	334.88	302.44	213.55	189.01	175.75	169.03	166.34	210.88	172.01	192.08	195.09	197.37	168.31	226.70	238.15	182.73
	12.78	12.58	10.87	10.11	10.64	11.54	13.22	16.01	18.43	24.88	17.68	14.92	14.14	13.38	14.07	17.83	14.57	16.74	16.98	17.74	14.99	16.92	13.34	11.07
	0.00	-7.26	0.00	-53.06	-58.58	-318.34	-90.68	-66.21	-129.85	-17.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.48	-83.27	-48.84
ADK_NYS___DAM 23527	159.31	158.21	131.69	158.47	167.56	354.53	211.75	220.76	286.48	287.42	206.97	183.37	170.89	164.53	161.44	203.59	165.66	183.54	186.44	189.27	162.09	208.31	207.73	163.91
	9.55	9.48	8.29	7.80	7.93	7.90	7.95	9.44	11.08	15.40	11.10	9.28	9.28	8.88	9.17	10.54	8.22	8.20	8.32	9.63	8.78	10.75	8.68	7.37
	0.00	-5.01	0.00	-36.65	-40.46	-219.86	-62.63	-45.73	-88.79	-11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.26	-57.51	-33.73
AIR_PRODUCTS___DRP 24190	154.76	152.32	128.06	142.74	150.46	276.21	186.83	200.13	248.66	275.08	201.66	178.95	166.54	160.06	155.92	196.90	160.22	178.13	181.04	182.60	156.88	192.70	184.24	149.45
	5.00	5.29	4.66	4.51	4.55	4.17	4.27	4.33	4.55	7.30	5.78	4.86	4.93	4.41	3.65	3.86	2.79	2.79	2.93	2.97	3.57	4.39	4.71	4.35
	0.00	-3.31	0.00	-24.21	-26.73	-145.27	-41.38	-30.21	-57.51	-7.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.01	-37.99	-22.28
AKWESSNE_115KV_BK 355683	149.95	143.71	123.28	113.89	119.45	126.99	141.15	165.86	186.86	260.63	195.52	173.93	161.17	155.23	151.92	193.09	157.79	175.69	178.59	179.84	153.13	170.02	141.32	123.00
	0.19	0.00	-0.12	-0.13	0.29	0.22	-0.03	0.27	0.26	0.10	-0.35	-0.16	-0.45	-0.42	-0.35	0.04	0.36	0.35	0.48	0.21	-0.18	-0.28	-0.21	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	156.66	153.11	129.49	137.74	144.91	240.73	178.15	194.87	235.84	276.09	203.16	179.95	167.65	161.16	157.48	199.91	162.89	181.26	184.13	185.81	159.27	190.63	176.05	144.87
	6.89	6.93	6.09	5.69	5.85	5.85	6.18	6.80	7.28	10.41	7.29	5.86	6.04	5.51	5.21	6.86	5.45	5.92	6.02	6.18	5.95	6.93	6.24	5.47
	0.00	-2.47	0.00	-18.02	-19.90	-108.12	-30.80	-22.49	-41.96	-5.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.40	-28.28	-16.58
ALBANY_2_SOLAR 323834	156.61	153.06	129.43	137.69	144.88	240.65	178.08	194.77	235.73	275.96	203.11	179.89	167.60	161.12	157.39	199.81	162.78	181.20	184.10	185.75	159.23	190.56	175.99	144.82
	6.84	6.89	6.02	5.65	5.83	5.82	6.12	6.71	7.20	10.29	7.24	5.80	5.98	5.47	5.12	6.76	5.35	5.86	5.99	6.12	5.91	6.87	6.19	5.43
	0.00	-2.46	0.00	-18.01	-19.88	-108.06	-30.78	-22.48	-41.94	-5.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.40	-28.26	-16.57
ALBANY___1 23571	154.76	152.32	128.06	142.74	150.46	276.21	186.83	200.13	248.66	275.08	201.66	178.95	166.54	160.06	155.92	196.90	160.22	178.13	181.04	182.60	156.88	192.70	184.24	149.45
	5.00	5.29	4.66	4.51	4.55	4.17	4.27	4.33	4.55	7.30	5.78	4.86	4.93	4.41	3.65	3.86	2.79	2.79	2.93	2.97	3.57	4.39	4.71	4.35
	0.00	-3.31	0.00	-24.21	-26.73	-145.27	-41.38	-30.21	-57.51	-7.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.01	-37.99	-22.28

ALBANY___2 23572	154.76 5.00 0.00	152.32 5.29 -3.31	128.06 4.66 0.00	142.74 4.51 -24.21	150.46 4.55 -26.73	276.21 4.17 -145.27	186.83 4.27 -41.38	200.13 4.33 -30.21	248.66 4.55 -57.51	275.08 7.30 -7.25	201.66 5.78 0.00	178.95 4.86 0.00	166.54 4.93 0.00	160.06 4.41 0.00	155.92 3.65 0.00	196.90 3.86 0.00	160.22 2.79 0.00	178.13 2.79 0.00	181.04 2.93 0.00	182.60 2.97 0.00	156.88 3.57 0.00	192.70 4.39 -18.01	184.24 4.71 -37.99	149.45 4.35 -22.28
ALBANY___3 23573	154.76 5.00 0.00	152.32 5.29 -3.31	128.06 4.66 0.00	142.74 4.51 -24.21	150.46 4.55 -26.73	276.21 4.17 -145.27	186.83 4.27 -41.38	200.13 4.33 -30.21	248.66 4.55 -57.51	275.08 7.30 -7.25	201.66 5.78 0.00	178.95 4.86 0.00	166.54 4.93 0.00	160.06 4.41 0.00	155.92 3.65 0.00	196.90 3.86 0.00	160.22 2.79 0.00	178.13 2.79 0.00	181.04 2.93 0.00	182.60 2.97 0.00	156.88 3.57 0.00	192.70 4.39 -18.01	184.24 4.71 -37.99	149.45 4.35 -22.28
ALBANY___4 23574	154.76 5.00 0.00	152.32 5.29 -3.31	128.06 4.66 0.00	142.74 4.51 -24.21	150.46 4.55 -26.73	276.21 4.17 -145.27	186.83 4.27 -41.38	200.13 4.33 -30.21	248.66 4.55 -57.51	275.08 7.30 -7.25	201.66 5.78 0.00	178.95 4.86 0.00	166.54 4.93 0.00	160.06 4.41 0.00	155.92 3.65 0.00	196.90 3.86 0.00	160.22 2.79 0.00	178.13 2.79 0.00	181.04 2.93 0.00	182.60 2.97 0.00	156.88 3.57 0.00	192.70 4.39 -18.01	184.24 4.71 -37.99	149.45 4.35 -22.28
ALBANY___LFGE 323615	156.36 6.59 0.00	154.38 6.72 -3.94	129.29 5.88 0.00	148.50 5.63 -28.84	156.78 5.77 -31.84	305.31 5.53 -173.01	196.30 5.84 -49.29	207.87 6.30 -35.98	262.60 6.79 -69.22	279.83 10.45 -8.85	203.99 8.12 0.00	180.99 6.89 0.00	168.40 6.78 0.00	161.84 6.20 0.00	157.80 5.53 0.00	199.33 6.29 0.00	162.18 4.75 0.00	180.38 5.04 0.00	183.23 5.11 0.00	184.85 5.22 0.00	158.71 5.39 0.00	198.14 6.39 -21.45	193.07 6.28 -45.25	154.93 5.57 -26.54
ALCOA_PA_115KV_PL-6C 55860	152.59 2.82 0.00	146.47 2.76 0.00	125.65 2.24 0.00	115.88 1.85 0.00	120.89 1.72 0.00	129.20 2.43 0.00	143.25 2.08 0.00	168.84 3.25 0.00	190.23 3.64 0.00	265.22 4.69 0.00	198.36 2.48 0.00	176.51 2.42 0.00	163.47 1.85 0.00	157.41 1.76 0.00	154.11 1.84 0.00	196.06 3.02 0.00	160.71 3.28 0.00	178.84 3.51 0.00	181.75 3.64 0.00	183.07 3.44 0.00	155.20 1.89 0.00	172.30 2.00 0.00	143.35 1.82 0.00	125.21 2.40 0.00
ALCOA_RYNLDS___DRP 24188	152.59 2.82 0.00	146.47 2.76 0.00	125.65 2.24 0.00	115.88 1.85 0.00	120.89 1.72 0.00	129.20 2.43 0.00	143.25 2.08 0.00	168.84 3.25 0.00	190.23 3.64 0.00	265.22 4.69 0.00	198.36 2.48 0.00	176.51 2.42 0.00	163.47 1.85 0.00	157.41 1.76 0.00	154.11 1.84 0.00	196.06 3.02 0.00	160.71 3.28 0.00	178.84 3.51 0.00	181.75 3.64 0.00	183.07 3.44 0.00	155.20 1.89 0.00	172.30 2.00 0.00	143.35 1.82 0.00	125.21 2.40 0.00
ALCOA___DSASP 323711	152.59 2.82 0.00	146.47 2.76 0.00	125.65 2.24 0.00	115.88 1.85 0.00	120.89 1.72 0.00	129.20 2.43 0.00	143.25 2.08 0.00	168.84 3.25 0.00	190.23 3.64 0.00	265.22 4.69 0.00	198.36 2.48 0.00	176.51 2.42 0.00	163.47 1.85 0.00	157.41 1.76 0.00	154.11 1.84 0.00	196.06 3.02 0.00	160.71 3.28 0.00	178.84 3.51 0.00	181.75 3.64 0.00	183.07 3.44 0.00	155.20 1.89 0.00	172.30 2.00 0.00	143.35 1.82 0.00	125.21 2.40 0.00
ALLEGHENY___COGEN 23514	129.10 -18.10 2.56	125.72 -17.99 0.00	108.27 -15.13 0.00	100.53 -13.33 0.16	102.73 -13.35 3.09	100.83 -14.24 11.70	121.40 -16.75 3.03	131.85 -19.14 14.60	158.29 -22.18 6.12	218.24 -31.67 10.62	156.94 -22.40 16.53	145.69 -20.21 8.20	129.68 -19.74 12.20	124.94 -19.89 10.81	130.61 -19.89 1.77	154.57 -21.92 16.56	133.19 -18.65 5.59	155.65 -19.10 0.59	151.16 -18.97 7.99	143.25 -17.89 18.49	132.79 -18.20 2.32	138.39 -19.77 12.14	117.92 -16.16 7.46	102.98 -14.14 5.70
ALTAMONT_115KV_TB 2 55880	153.85 4.08 0.00	150.03 4.14 -2.17	127.07 3.67 0.00	133.49 3.58 -15.88	140.29 3.58 -17.54	225.44 3.38 -95.29	171.86 3.55 -27.14	189.29 3.89 -19.82	227.11 4.28 -36.23	271.29 6.45 -4.31	200.89 5.02 0.00	178.23 4.14 0.00	165.79 4.17 0.00	159.53 3.89 0.00	155.88 3.61 0.00	197.05 4.00 0.00	160.60 3.17 0.00	178.63 3.30 0.00	181.46 3.35 0.00	183.08 3.46 0.00	156.97 3.65 0.00	186.29 4.18 -11.81	170.33 3.87 -24.92	140.87 3.44 -14.61
ALTONA_WT_PWR 323606	151.52 1.75 0.00	145.20 1.49 0.00	124.60 1.19 0.00	114.75 0.73 0.00	119.57 0.40 0.00	128.34 1.57 0.00	142.96 1.79 0.00	168.17 2.58 0.00	189.85 3.26 0.00	264.77 4.25 0.00	198.65 2.78 0.00	176.47 2.38 0.00	163.08 1.47 0.00	157.29 1.64 0.00	153.76 1.49 0.00	195.81 2.76 0.00	159.54 2.11 0.00	177.47 2.13 0.00	181.22 3.11 0.00	182.61 2.98 0.00	155.23 1.92 0.00	172.70 2.40 0.00	142.83 1.29 0.00	123.88 1.07 0.00
AMERICAN_REF_FUEL 24010	119.83 -15.08 14.85	129.56 -14.15 0.00	110.96 -12.45 0.00	100.49 -12.63 0.90	90.19 -13.14 15.84	52.95 -15.15 58.66	111.27 -19.72 10.19	79.43 -24.07 62.09	114.49 -26.58 45.52	170.55 -38.65 51.33	117.34 -28.11 50.43	108.46 -25.07 40.56	98.39 -24.54 38.69	100.10 -23.63 31.91	120.23 -24.20 7.83	70.18 -26.48 96.38	127.68 -24.00 5.75	156.53 -25.93 -7.13	112.62 -25.68 39.82	50.76 -23.61 105.26	117.41 -22.64 13.26	79.10 -21.84 69.36	81.97 -16.96 42.61	74.93 -15.35 32.54
ARKWRIGHT___SUMMIT_WT_PWR 323751	121.29 -8.41 20.06	136.54 -7.18 0.00	116.38 -7.03 0.00	103.97 -8.84 1.21	89.27 -8.67 21.23	38.82 -9.42 78.53	118.12 -9.87 13.19	69.06 -13.76 82.77	110.28 -13.70 62.62	170.39 -20.91 69.22	113.72 -17.46 64.69	103.26 -17.22 53.60	94.67 -17.71 49.23	98.56 -16.83 40.26	124.53 -17.48 10.26	47.99 -16.61 128.45	134.54 -17.22 5.67	152.18 -18.61 4.54	97.76 -18.59 61.77	20.31 -16.16 143.16	119.73 -15.61 17.98	61.35 -14.92 94.02	71.34 -12.45 57.75	66.88 -11.83 44.10
ARTHUR KILL_GT_1 23520	155.09 5.33 0.00	149.54 5.15 -0.68	128.73 5.32 0.00	124.47 5.45 -4.99	129.71 5.12 -5.43	160.67 4.33 -29.57	154.63 5.23 -8.23	177.94 7.04 -5.32	205.02 7.74 -10.68	271.32 11.39 0.61	180.44 9.59 25.02	153.52 8.94 29.51	137.57 8.94 32.99	147.14 8.62 17.12	149.41 8.73 11.60	187.42 8.51 14.13	164.10 8.15 1.49	184.75 9.41 0.00	186.75 8.63 0.00	187.69 8.06 0.00	162.03 8.72 0.00	176.85 7.42 0.86	156.43 7.07 -7.82	133.90 6.50 -4.59
ARTHUR_KILL_2 23512	154.69 4.93 0.00	149.14 4.75 -0.68	128.35 4.95 0.00	124.08 5.07 -4.99	129.31 4.72 -5.43	160.20 3.87 -29.57	154.13 4.73 -8.22	177.27 6.37 -5.32	204.21 6.93 -10.68	270.31 10.39 0.61	179.62 8.78 25.02	152.83 8.25 29.51	136.91 8.28 32.99	146.51 7.99 17.12	148.85 8.18 11.60	186.57 7.66 14.14	163.51 7.57 1.49	183.99 8.66 0.00	186.01 7.91 0.01	186.95 7.32 0.00	161.45 8.14 0.00	176.13 6.69 0.86	155.77 6.41 -7.82	133.45 6.04 -4.59
ARTHUR_KILL_3 23513	155.35 5.59 0.00	149.47 5.08 -0.68	128.03 4.62 0.00	123.84 4.82 -4.99	129.15 4.56 -5.43	160.76 4.43 -29.57	154.42 5.02 -8.23	177.03 6.13 -5.32	203.67 6.39 -10.68	269.70 9.78 0.61	179.25 8.40 25.02	152.13 7.54 29.51	136.09 7.46 32.99	145.80 7.27 17.11	148.16 7.48 11.59	186.17 7.25 14.12	163.12 6.85 1.16	183.25 7.92 0.00	185.35 7.24 0.00	186.31 6.68 0.00	160.14 6.83 0.00	175.69 6.25 0.86	155.06 5.70 -7.82	132.56 5.16 -4.59

ARTHUR_KILL_COGEN 323718	155.22 5.45 0.00	149.61 5.21 -0.68	128.73 5.32 0.00	124.44 5.42 -4.99	129.69 5.09 -5.43	160.66 4.32 -29.57	154.64 5.24 -8.22	177.83 6.93 -5.32	204.91 7.63 -10.68	271.30 11.38 0.61	180.34 9.49 25.02	153.42 8.83 29.51	137.50 8.87 32.99	147.02 8.49 17.12	149.38 8.71 11.60	187.33 8.42 14.14	164.06 8.11 1.49	184.67 9.33 0.00	186.62 8.51 0.01	187.61 7.98 0.00	162.03 8.72 0.00	176.73 7.30 0.86	156.30 6.94 -7.82	133.84 6.43 -4.59
ASHOKAN____ 23654	160.48 10.71 0.00	155.78 10.16 -1.91	132.43 9.03 0.00	135.96 7.99 -13.95	142.91 8.41 -15.33	218.62 8.48 -83.38	174.69 9.94 -23.57	194.28 12.10 -16.60	231.19 12.85 -31.74	282.87 20.14 -2.21	207.99 14.04 1.92	185.75 11.91 0.26	172.11 11.68 1.19	165.67 11.17 1.14	163.24 11.06 0.09	206.63 13.58 0.00	168.12 11.68 0.99	188.85 13.51 0.00	191.56 13.44 0.00	192.93 13.30 0.00	165.17 11.86 0.00	192.84 12.17 -10.38	173.39 9.97 -21.89	144.03 8.37 -12.84
ASTORIA_EAST_ENERGY_CC1 323581	155.99 6.23 0.00	150.59 6.20 -0.68	128.84 5.43 0.00	124.43 5.41 -4.99	129.81 5.21 -5.43	161.32 4.98 -29.57	155.04 5.64 -8.23	177.85 6.95 -5.32	204.63 7.36 -10.68	270.99 11.07 0.61	203.13 9.43 2.16	182.37 8.57 0.30	168.71 8.42 1.34	162.32 7.96 1.29	160.61 8.44 0.10	201.29 8.24 0.00	164.23 7.91 1.11	184.41 9.07 0.00	185.82 7.71 0.00	186.75 7.11 0.00	160.96 7.65 0.00	180.59 6.59 -3.71	155.86 6.50 -7.82	133.57 6.17 -4.59
ASTORIA_EAST_ENERGY_CC2 323582	155.99 6.23 0.00	150.58 6.19 -0.68	128.84 5.43 0.00	124.43 5.41 -4.99	129.81 5.21 -5.43	161.32 4.98 -29.57	155.03 5.63 -8.23	177.85 6.95 -5.32	204.63 7.36 -10.68	270.99 11.07 0.61	203.13 9.43 2.16	182.37 8.57 0.30	168.71 8.42 1.34	162.32 7.96 1.29	160.61 8.44 0.10	201.29 8.24 0.00	164.22 7.90 1.11	184.41 9.07 0.00	185.82 7.71 0.00	186.75 7.11 0.00	160.96 7.65 0.00	180.59 6.59 -3.71	155.86 6.50 -7.82	133.56 6.16 -4.59
ASTORIA_GT2_1 24094	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT2_2 24095	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT2_3 24096	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT2_4 24097	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT3_1 24098	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT3_2 24099	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT3_3 24100	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT3_4 24101	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT4_1 24102	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT4_2 24103	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT4_3 24104	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59

ASTORIA_GT4_4 24105	155.96 6.20 0.00	150.51 6.11 -0.68	128.89 5.49 0.00	124.47 5.45 -4.99	129.83 5.24 -5.43	161.35 5.00 -29.57	155.06 5.65 -8.23	177.96 7.06 -5.32	204.82 7.54 -10.68	271.17 11.25 0.61	203.32 9.61 2.16	182.52 8.72 0.30	168.93 8.65 1.34	162.54 8.18 1.29	160.70 8.53 0.10	201.47 8.42 0.00	164.33 8.00 1.11	184.60 9.26 0.00	186.09 7.98 0.00	186.92 7.29 0.00	160.99 7.68 0.00	180.77 6.77 -3.71	156.03 6.67 -7.82	133.65 6.24 -4.59
ASTORIA_GT_1 23523	156.27 6.50 0.00	150.81 6.42 -0.68	129.12 5.72 0.00	124.67 5.66 -4.99	130.05 5.46 -5.43	161.59 5.25 -29.57	155.35 5.95 -8.23	178.40 7.50 -5.32	205.28 8.00 -10.68	271.79 11.87 0.61	203.82 10.11 2.16	182.94 9.14 0.30	169.29 9.00 1.34	162.91 8.55 1.29	161.05 8.88 0.10	201.97 8.92 0.00	164.74 8.42 1.11	185.01 9.67 0.00	186.54 8.42 0.00	187.37 7.74 0.00	161.35 8.04 0.00	181.15 7.14 -3.71	156.37 7.01 -7.82	133.89 6.49 -4.59
ASTORIA_GT_10 24110	155.79 6.03 0.00	150.09 5.70 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.55 4.95 -5.43	161.02 4.68 -29.57	154.89 5.49 -8.23	177.81 6.91 -5.32	204.62 7.35 -10.68	270.89 10.97 0.61	203.19 9.48 2.16	182.55 8.75 0.30	168.98 8.70 1.34	162.76 8.40 1.29	160.73 8.56 0.10	201.59 8.55 0.00	164.38 8.05 1.11	184.39 9.05 0.00	186.37 8.26 0.00	187.16 7.53 0.00	161.13 7.82 0.00	181.19 7.18 -3.71	156.09 6.73 -7.82	133.46 6.06 -4.59
ASTORIA_GT_11 24225	155.79 6.03 0.00	150.09 5.70 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.55 4.95 -5.43	161.02 4.68 -29.57	154.89 5.49 -8.23	177.81 6.91 -5.32	204.62 7.35 -10.68	270.89 10.97 0.61	203.19 9.48 2.16	182.55 8.75 0.30	168.98 8.70 1.34	162.76 8.40 1.29	160.73 8.56 0.10	201.59 8.55 0.00	164.38 8.05 1.11	184.39 9.05 0.00	186.37 8.26 0.00	187.16 7.53 0.00	161.13 7.82 0.00	181.19 7.18 -3.71	156.09 6.73 -7.82	133.46 6.06 -4.59
ASTORIA_GT_12 24226	155.79 6.03 0.00	150.09 5.70 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.55 4.95 -5.43	161.02 4.68 -29.57	154.89 5.49 -8.23	177.81 6.91 -5.32	204.62 7.35 -10.68	270.89 10.97 0.61	203.19 9.48 2.16	182.55 8.75 0.30	168.98 8.70 1.34	162.76 8.40 1.29	160.73 8.56 0.10	201.59 8.55 0.00	164.38 8.05 1.11	184.39 9.05 0.00	186.37 8.26 0.00	187.16 7.53 0.00	161.13 7.82 0.00	181.19 7.18 -3.71	156.09 6.73 -7.82	133.46 6.06 -4.59
ASTORIA_GT_13 24227	155.79 6.03 0.00	150.09 5.70 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.55 4.95 -5.43	161.02 4.68 -29.57	154.89 5.49 -8.23	177.81 6.91 -5.32	204.62 7.35 -10.68	270.89 10.97 0.61	203.19 9.48 2.16	182.55 8.75 0.30	168.98 8.70 1.34	162.76 8.40 1.29	160.73 8.56 0.10	201.59 8.55 0.00	164.38 8.05 1.11	184.39 9.05 0.00	186.37 8.26 0.00	187.16 7.53 0.00	161.13 7.82 0.00	181.19 7.18 -3.71	156.09 6.73 -7.82	133.46 6.06 -4.59
ASTORIA_GT_5 24106	156.27 6.50 0.00	150.81 6.42 -0.68	129.12 5.72 0.00	124.67 5.66 -4.99	130.05 5.46 -5.43	161.59 5.25 -29.57	155.35 5.95 -8.23	178.40 7.50 -5.32	205.28 8.00 -10.68	271.79 11.87 0.61	203.82 10.11 2.16	182.94 9.14 0.30	169.29 9.00 1.34	162.91 8.55 1.29	161.05 8.88 0.10	201.97 8.92 0.00	164.74 8.42 1.11	185.01 9.67 0.00	186.54 8.42 0.00	187.37 7.74 0.00	161.35 8.04 0.00	181.15 7.14 -3.71	156.37 7.01 -7.82	133.89 6.49 -4.59
ASTORIA_GT_7 24107	156.27 6.50 0.00	150.81 6.42 -0.68	129.12 5.72 0.00	124.67 5.66 -4.99	130.05 5.46 -5.43	161.59 5.25 -29.57	155.35 5.95 -8.23	178.40 7.50 -5.32	205.28 8.00 -10.68	271.79 11.87 0.61	203.82 10.11 2.16	182.94 9.14 0.30	169.29 9.00 1.34	162.91 8.55 1.29	161.05 8.88 0.10	201.97 8.92 0.00	164.74 8.42 1.11	185.01 9.67 0.00	186.54 8.42 0.00	187.37 7.74 0.00	161.35 8.04 0.00	181.15 7.14 -3.71	156.37 7.01 -7.82	133.89 6.49 -4.59
ASTORIA_GT_8 24108	156.27 6.50 0.00	150.81 6.42 -0.68	129.12 5.72 0.00	124.67 5.66 -4.99	130.05 5.46 -5.43	161.59 5.25 -29.57	155.35 5.95 -8.23	178.40 7.50 -5.32	205.28 8.00 -10.68	271.79 11.87 0.61	203.82 10.11 2.16	182.94 9.14 0.30	169.29 9.00 1.34	162.91 8.55 1.29	161.05 8.88 0.10	201.97 8.92 0.00	164.74 8.42 1.11	185.01 9.67 0.00	186.54 8.42 0.00	187.37 7.74 0.00	161.35 8.04 0.00	181.15 7.14 -3.71	156.37 7.01 -7.82	133.89 6.49 -4.59
ASTORIA___2 24149	156.07 6.30 0.00	150.64 6.24 -0.68	128.87 5.47 0.00	124.47 5.45 -4.99	129.85 5.25 -5.43	161.36 5.02 -29.57	155.09 5.69 -8.23	177.92 7.02 -5.32	204.75 7.47 -10.68	271.10 11.18 0.61	203.23 9.52 2.16	182.43 8.63 0.30	168.75 8.47 1.34	162.41 8.05 1.29	160.69 8.52 0.10	201.35 8.31 0.00	164.27 7.94 1.11	184.48 9.15 0.00	185.96 7.85 0.00	186.83 7.20 0.00	161.04 7.73 0.00	180.68 6.67 -3.71	155.93 6.57 -7.82	133.60 6.20 -4.59
ASTORIA___3 23516	155.86 6.10 0.00	150.16 5.76 -0.68	128.49 5.09 0.00	124.19 5.17 -4.99	129.54 4.94 -5.43	161.01 4.67 -29.57	154.94 5.54 -8.23	177.73 6.82 -5.32	204.50 7.23 -10.68	270.85 10.93 0.61	203.09 9.38 2.16	182.47 8.67 0.30	168.90 8.61 1.34	162.70 8.34 1.29	160.71 8.55 0.10	201.48 8.43 0.00	164.30 7.98 1.11	184.34 9.00 0.00	186.26 8.14 0.00	187.09 7.46 0.00	161.14 7.82 0.00	181.13 7.13 -3.71	155.99 6.63 -7.82	133.42 6.02 -4.59
ASTORIA___4 23517	155.79 6.03 0.00	150.09 5.70 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.55 4.95 -5.43	161.02 4.68 -29.57	154.89 5.49 -8.23	177.81 6.91 -5.32	204.62 7.35 -10.68	270.89 10.97 0.61	203.19 9.48 2.16	182.55 8.75 0.30	168.98 8.70 1.34	162.76 8.40 1.29	160.73 8.56 0.10	201.59 8.55 0.00	164.38 8.05 1.11	184.39 9.05 0.00	186.37 8.26 0.00	187.16 7.53 0.00	161.13 7.82 0.00	181.19 7.18 -3.71	156.09 6.73 -7.82	133.45 6.05 -4.59
ASTORIA___5 23518	155.86 6.10 0.00	150.16 5.76 -0.68	128.49 5.09 0.00	124.19 5.17 -4.99	129.55 4.95 -5.43	161.01 4.67 -29.57	154.94 5.54 -8.23	177.74 6.84 -5.32	204.52 7.25 -10.68	270.85 10.93 0.61	203.09 9.38 2.16	182.47 8.67 0.30	168.90 8.61 1.34	162.70 8.34 1.29	160.71 8.55 0.10	201.49 8.45 0.00	164.30 7.98 1.11	184.34 9.00 0.00	186.26 8.14 0.00	187.09 7.46 0.00	161.14 7.82 0.00	181.13 7.13 -3.71	155.99 6.63 -7.82	133.42 6.02 -4.59
AST_ENERGY_2_CC3 323677	155.90 6.13 0.00	149.96 5.57 -0.68	128.33 4.92 0.00	123.98 4.96 -4.99	129.32 4.72 -5.43	160.94 4.60 -29.57	154.74 5.34 -8.23	177.57 6.67 -5.32	204.34 7.06 -10.68	269.39 10.81 1.95	192.45 9.14 12.57	172.66 8.23 9.66	165.84 8.06 3.84	158.93 7.87 4.58	159.55 8.06 0.79	170.51 7.97 30.50	163.80 7.48 1.11	183.76 8.43 0.00	185.95 7.84 0.00	186.91 7.28 0.00	160.69 7.37 0.00	178.97 6.89 -1.78	154.39 6.14 -6.71	133.03 5.62 -4.59
AST_ENERGY_2_CC4 323678	155.90 6.13 0.00	149.96 5.57 -0.68	128.33 4.92 0.00	123.98 4.96 -4.99	129.32 4.72 -5.43	160.94 4.60 -29.57	154.74 5.34 -8.23	177.57 6.67 -5.32	204.34 7.06 -10.68	269.39 10.81 1.95	192.45 9.14 12.57	172.66 8.23 9.66	165.84 8.06 3.84	158.93 7.87 4.58	159.55 8.06 0.79	170.51 7.97 30.50	163.80 7.48 1.11	183.76 8.43 0.00	185.95 7.84 0.00	186.91 7.28 0.00	160.69 7.37 0.00	178.97 6.89 -1.78	154.39 6.14 -6.71	133.03 5.62 -4.59

ATHENS_STG_1 23668	154.12 4.36 0.00	148.35 4.09 -0.55	127.09 3.69 0.00	121.76 3.73 -4.01	127.12 3.61 -4.35	153.86 3.40 -23.70	151.47 3.73 -6.56	174.11 4.40 -4.12	199.68 4.76 -8.33	266.93 7.26 0.85	199.65 5.87 2.10	178.99 5.18 0.29	165.51 5.19 1.30	159.39 4.99 1.25	157.12 4.95 0.10	197.97 4.93 0.00	160.67 4.31 1.08	180.09 4.76 0.00	182.78 4.66 0.00	184.23 4.60 0.00	158.16 4.85 0.00	178.16 4.88 -2.98	152.09 4.27 -6.28	130.27 3.77 -3.69
ATHENS_STG_2 23670	154.12 4.36 0.00	148.35 4.09 -0.55	127.09 3.69 0.00	121.76 3.73 -4.01	127.12 3.61 -4.35	153.86 3.40 -23.70	151.47 3.73 -6.56	174.11 4.40 -4.12	199.68 4.76 -8.33	266.93 7.26 0.85	199.65 5.87 2.10	178.99 5.18 0.29	165.51 5.19 1.30	159.39 4.99 1.25	157.12 4.95 0.10	197.97 4.93 0.00	160.67 4.31 1.08	180.09 4.76 0.00	182.78 4.66 0.00	184.23 4.60 0.00	158.16 4.85 0.00	178.16 4.88 -2.98	152.09 4.27 -6.28	130.27 3.77 -3.69
ATHENS_STG_3 23677	154.12 4.36 0.00	148.35 4.09 -0.55	127.09 3.69 0.00	121.76 3.73 -4.01	127.12 3.61 -4.35	153.86 3.40 -23.70	151.47 3.73 -6.56	174.11 4.40 -4.12	199.68 4.76 -8.33	266.93 7.26 0.85	199.65 5.87 2.10	178.99 5.18 0.29	165.51 5.19 1.30	159.39 4.99 1.25	157.12 4.95 0.10	197.97 4.93 0.00	160.67 4.31 1.08	180.09 4.76 0.00	182.78 4.66 0.00	184.23 4.60 0.00	158.16 4.85 0.00	178.16 4.88 -2.98	152.09 4.27 -6.28	130.27 3.77 -3.69
AUBURN___LFGE 323710	147.99 -1.77 0.00	141.76 -1.95 0.00	121.72 -1.69 0.00	112.07 -1.96 0.00	117.03 -1.84 0.30	123.56 -1.89 1.31	138.41 -1.72 1.05	160.28 -2.16 3.14	180.76 -1.66 4.17	250.70 -2.58 7.25	186.71 -1.74 7.42	171.50 -1.58 1.01	155.53 -1.51 4.58	149.71 -1.53 4.40	149.70 -2.22 0.35	191.57 -1.48 0.00	152.12 -1.51 3.81	174.18 -1.16 0.00	176.49 -1.63 0.00	178.93 -0.70 0.00	152.11 -1.21 0.00	168.94 -1.35 0.00	140.03 -1.51 0.00	121.10 -1.72 0.00
BABYLON_RES_REC 323704	130.92 3.90 22.74	131.37 3.45 15.79	127.14 3.83 0.10	123.97 4.95 -5.00	128.74 4.15 -5.43	133.06 2.41 -3.87	140.68 3.47 3.96	168.08 3.16 0.67	195.05 3.56 -4.89	270.56 6.99 -3.04	200.69 6.51 1.69	179.54 5.75 0.30	166.50 6.22 1.34	160.47 6.11 1.29	158.82 6.65 0.10	198.70 5.66 0.01	163.48 7.04 0.99	181.48 7.26 1.11	186.12 7.66 -0.35	186.79 7.16 0.00	160.42 7.00 -0.10	179.38 5.37 -3.71	156.29 4.82 -9.93	132.42 4.48 -5.12
BALL_HILL_WT_PWR 323825	121.34 -9.82 18.60	134.84 -8.87 0.00	115.29 -8.11 0.00	103.86 -9.04 1.12	90.58 -8.87 19.72	43.51 -10.32 72.95	116.87 -11.96 12.35	73.22 -15.37 77.00	113.61 -16.47 56.51	173.28 -24.33 62.91	117.26 -18.29 60.33	107.74 -16.91 49.45	98.83 -16.91 45.87	101.68 -16.35 37.61	125.85 -16.93 9.49	57.83 -16.88 118.33	135.04 -16.70 5.69	153.19 -17.94 4.20	103.19 -17.70 57.22	31.40 -15.61 132.62	121.10 -15.56 16.65	68.02 -15.17 87.10	75.70 -12.34 53.50	70.50 -11.46 40.86
BARON_WINDS___WT_PWR 323822	142.98 -10.92 -4.13	132.76 -11.15 -0.20	113.72 -9.69 0.00	106.40 -9.30 -1.68	116.81 -7.79 -5.44	140.26 -8.98 -22.48	134.67 -9.84 -3.33	166.38 -12.52 -13.31	182.51 -14.54 -10.46	243.92 -20.10 -3.49	183.42 -13.13 -0.68	171.60 -11.98 -9.49	152.52 -11.42 -2.33	144.86 -11.55 -0.76	142.09 -11.72 -1.54	208.11 -11.93 -27.00	140.41 -11.56 5.46	164.27 -11.98 -0.90	179.44 -10.98 -12.31	198.11 -10.08 -28.56	145.05 -11.85 -3.59	178.17 -11.93 -19.81	145.29 -9.98 -13.73	123.35 -9.56 -10.10
BARRETT_IC_1 23704	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_10 23701	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_11 23702	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_12 23703	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_2 23705	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_3 23706	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_4 23707	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_5 23708	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59

BARRETT_IC_6 23709	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_7 23710	155.83 3.31 -2.76	149.10 3.14 -2.25	127.03 3.62 -0.01	123.68 4.67 -5.00	128.49 3.90 -5.43	160.99 2.21 -32.01	153.46 2.90 -9.38	166.14 2.15 1.60	192.36 2.19 -3.58	265.41 5.49 0.60	199.46 5.76 2.16	178.91 5.11 0.29	166.19 5.91 1.33	160.24 5.87 1.28	158.38 6.21 0.09	197.90 4.86 0.00	162.54 6.21 1.11	181.64 6.18 -0.11	184.61 6.50 0.00	185.68 6.05 0.00	159.68 6.36 0.00	178.77 4.76 -3.71	153.83 4.47 -7.82	131.59 4.19 -4.59
BARRETT_IC_8 23711	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT_IC_9 23700	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT___1 23545	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BARRETT___2 23546	155.65 3.13 -2.76	148.93 2.98 -2.25	127.02 3.61 -0.01	123.62 4.60 -5.00	128.47 3.87 -5.43	160.70 1.92 -32.01	153.34 2.78 -9.38	165.99 2.00 1.60	192.28 2.10 -3.58	265.36 5.44 0.60	199.38 5.68 2.16	178.74 4.94 0.29	165.96 5.67 1.33	160.15 5.78 1.28	158.35 6.18 0.09	197.77 4.72 0.00	162.50 6.17 1.10	181.55 6.10 -0.12	184.53 6.41 0.00	185.61 5.98 -0.01	159.57 6.25 -0.01	178.71 4.70 -3.71	153.77 4.41 -7.82	131.55 4.15 -4.59
BATAVIA___115KV_TB1 55881	138.95 -10.82 0.00	133.52 -10.19 0.00	114.34 -9.07 0.00	104.75 -9.27 0.00	109.35 -9.37 0.45	114.03 -10.76 1.98	126.13 -13.46 1.59	145.45 -16.27 3.87	163.47 -17.86 5.27	224.75 -26.48 9.29	166.10 -19.17 10.61	155.09 -17.49 1.52	136.75 -17.95 6.91	131.79 -17.22 6.64	134.35 -17.39 0.53	174.92 -18.13 0.00	135.31 -16.39 5.73	183.55 -16.77 -24.98	174.97 -16.87 -13.73	165.15 -15.36 -0.88	138.18 -15.13 0.00	155.22 -15.12 -0.04	129.34 -12.21 -0.01	111.47 -11.35 0.00
BAYONEEC___CTG1 323682	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG10 323750	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG2 323683	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG3 323684	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG4 323685	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG5 323686	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG6 323687	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG7 323688	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59

BAYONEEC___CTG8 323689	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BAYONEEC___CTG9 323749	156.05 6.29 0.00	150.15 5.76 -0.68	128.51 5.11 0.00	124.24 5.22 -4.99	129.60 5.00 -5.43	161.25 4.91 -29.57	155.04 5.64 -8.23	177.90 7.00 -5.32	204.64 7.37 -10.68	271.14 11.21 0.61	200.54 9.49 4.82	178.94 8.54 3.69	164.97 8.37 5.02	160.68 8.16 3.13	159.17 8.34 1.44	199.73 8.33 1.64	163.90 7.62 1.15	183.99 8.65 0.00	186.16 8.04 0.00	187.10 7.47 0.00	160.90 7.59 0.00	180.65 7.17 -3.18	155.79 6.44 -7.82	133.15 5.74 -4.59
BEACON___LESR 323632	157.17 7.40 0.00	154.43 7.31 -3.41	129.71 6.31 0.00	144.97 6.01 -24.93	152.98 6.29 -27.52	282.48 6.15 -149.56	190.59 6.81 -42.60	203.97 7.28 -31.11	254.10 8.13 -59.37	279.88 11.84 -7.51	204.70 8.83 0.00	181.42 7.33 0.00	169.26 7.65 0.00	162.68 7.03 0.00	158.61 6.34 0.00	200.61 7.56 0.00	163.15 5.72 0.00	181.72 6.38 0.00	184.66 6.54 0.00	186.18 6.55 0.00	159.62 6.31 0.00	196.29 7.45 -18.54	187.33 6.68 -39.12	151.48 5.73 -22.94
BEAVER RIVER___HYD 24048	151.48 1.72 0.00	145.98 2.27 0.00	123.83 0.43 0.00	113.44 -0.58 0.00	120.42 1.26 0.00	129.17 2.40 0.00	144.38 3.20 0.00	170.44 4.85 0.00	192.32 5.72 0.00	268.32 7.79 0.00	201.18 5.31 0.00	177.53 3.44 0.00	164.96 3.34 0.00	159.01 3.36 0.00	156.63 4.36 0.00	200.02 6.97 0.00	162.16 4.73 0.00	181.02 5.69 0.00	184.07 5.96 0.00	183.87 4.25 0.00	152.72 -0.59 0.00	168.18 -2.12 0.00	139.77 -1.77 0.00	121.54 -1.28 0.00
BEEBEE_GT_13 23619	142.23 -7.54 0.00	136.41 -7.30 0.00	117.00 -6.40 0.00	107.63 -6.39 0.00	112.25 -6.47 0.45	117.44 -7.35 1.98	130.75 -8.84 1.59	150.34 -10.60 4.64	168.65 -11.76 6.18	232.26 -17.52 10.75	171.96 -12.76 11.15	161.10 -11.47 1.53	143.43 -11.26 6.94	138.31 -10.68 6.66	140.67 -11.07 0.53	181.46 -11.59 0.00	141.08 -10.60 5.76	167.75 -10.90 -3.31	168.80 -11.14 -1.82	169.59 -10.16 -0.12	143.36 -9.96 0.00	160.16 -10.14 0.00	133.04 -8.49 0.00	115.05 -7.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	156.58 6.81 0.00	150.78 6.38 -0.68	129.26 5.86 0.00	124.86 5.84 -4.99	130.17 5.58 -5.43	161.68 5.34 -29.57	155.74 6.34 -8.23	178.97 8.07 -5.32	205.92 8.65 -10.68	272.88 12.96 0.61	205.03 11.33 2.16	184.36 10.56 0.30	170.68 10.40 1.34	164.38 10.02 1.29	162.29 10.12 0.10	203.34 10.29 0.00	165.54 9.22 1.11	186.00 10.67 0.00	188.05 9.94 0.00	188.99 9.36 0.00	162.70 9.38 0.00	182.84 8.83 -3.71	157.69 8.33 -7.82	134.66 7.26 -4.59
BETHLEHEM___GRP 23843	154.76 5.00 0.00	152.32 5.29 -3.31	128.06 4.66 0.00	142.74 4.51 -24.21	150.46 4.55 -26.73	276.21 4.17 -145.27	186.83 4.27 -41.38	200.13 4.33 -30.21	248.66 4.55 -57.51	275.08 7.30 -7.25	201.66 5.78 0.00	178.95 4.86 0.00	166.54 4.93 0.00	160.06 4.41 0.00	155.92 3.65 0.00	196.90 3.86 0.00	160.22 2.79 0.00	178.13 2.79 0.00	181.04 2.93 0.00	182.60 2.97 0.00	156.88 3.57 0.00	192.70 4.39 -18.01	184.24 4.71 -37.99	149.45 4.35 -22.28
BETHLEHEM___GS1 323560	154.78 5.01 0.00	152.32 5.29 -3.31	128.06 4.66 0.00	142.74 4.50 -24.21	150.45 4.54 -26.73	276.24 4.20 -145.27	186.82 4.26 -41.38	200.11 4.31 -30.21	248.64 4.53 -57.51	275.02 7.24 -7.25	201.62 5.75 0.00	178.92 4.83 0.00	166.49 4.87 0.00	160.04 4.39 0.00	155.91 3.64 0.00	196.84 3.79 0.00	160.18 2.75 0.00	178.10 2.76 0.00	181.01 2.90 0.00	182.56 2.92 0.00	156.87 3.55 0.00	192.69 4.38 -18.01	184.22 4.69 -37.99	149.43 4.33 -22.28
BETHLEHEM___GS2 323561	154.78 5.01 0.00	152.32 5.29 -3.31	128.06 4.66 0.00	142.74 4.50 -24.21	150.45 4.54 -26.73	276.24 4.20 -145.27	186.82 4.26 -41.38	200.11 4.31 -30.21	248.64 4.53 -57.51	275.02 7.24 -7.25	201.62 5.75 0.00	178.92 4.83 0.00	166.49 4.87 0.00	160.04 4.39 0.00	155.91 3.64 0.00	196.84 3.79 0.00	160.18 2.75 0.00	178.10 2.76 0.00	181.01 2.90 0.00	182.56 2.92 0.00	156.87 3.55 0.00	192.69 4.38 -18.01	184.22 4.69 -37.99	149.43 4.33 -22.28
BETHLEHEM___GS3 323562	154.78 5.01 0.00	152.32 5.29 -3.31	128.06 4.66 0.00	142.74 4.50 -24.21	150.45 4.54 -26.73	276.24 4.20 -145.27	186.82 4.26 -41.38	200.11 4.31 -30.21	248.64 4.53 -57.51	275.02 7.24 -7.25	201.62 5.75 0.00	178.92 4.83 0.00	166.49 4.87 0.00	160.04 4.39 0.00	155.91 3.64 0.00	196.84 3.79 0.00	160.18 2.75 0.00	178.10 2.76 0.00	181.01 2.90 0.00	182.56 2.92 0.00	156.87 3.55 0.00	192.69 4.38 -18.01	184.22 4.69 -37.99	149.43 4.33 -22.28
BETHLEHEM___STEEL 23779	139.79 -9.97 0.00	134.56 -9.15 0.00	115.17 -8.23 0.00	105.20 -8.82 0.00	109.95 -8.77 0.45	114.23 -10.57 1.97	126.16 -13.44 1.58	144.40 -16.56 4.63	162.65 -17.79 6.16	223.58 -26.24 10.70	165.92 -18.89 11.07	155.42 -17.17 1.51	137.78 -16.97 6.87	132.60 -16.44 6.60	134.77 -16.97 0.53	175.65 -17.40 0.00	134.88 -16.85 5.70	160.01 -17.85 -2.53	161.82 -17.69 -1.39	164.30 -15.42 -0.09	137.62 -15.69 0.00	154.78 -15.52 0.00	129.34 -12.19 0.00	111.63 -11.18 0.00
BETHLHEM_115KV_TB1 79974	154.61 4.85 0.00	151.90 5.05 -3.14	127.86 4.45 0.00	141.28 4.31 -22.94	148.83 4.33 -25.33	268.45 4.03 -137.65	184.52 4.13 -39.21	198.46 4.25 -28.63	245.40 4.54 -54.26	274.59 7.26 -6.80	201.53 5.65 0.00	178.82 4.73 0.00	166.45 4.83 0.00	159.97 4.33 0.00	155.97 3.70 0.00	197.00 3.96 0.00	160.36 2.93 0.00	178.31 2.97 0.00	181.22 3.11 0.00	182.80 3.17 0.00	156.96 3.64 0.00	191.79 4.43 -17.07	182.12 4.59 -36.00	148.08 4.15 -21.11
BETHPAGE_CC_5 323564	132.64 3.63 20.75	132.66 3.29 14.34	126.89 3.58 0.09	123.63 4.61 -5.00	128.38 3.79 -5.43	135.05 2.15 -6.13	141.30 3.01 2.89	168.07 2.79 0.31	194.46 2.95 -4.91	266.01 5.99 0.51	199.50 5.79 2.16	178.98 5.18 0.30	165.96 5.68 1.34	159.74 5.38 1.29	158.04 5.88 0.10	197.67 4.63 0.01	162.41 6.06 1.09	180.51 6.25 1.09	184.54 6.42 0.00	185.55 5.92 0.00	159.46 6.15 0.00	178.60 4.59 -3.71	153.67 4.31 -7.82	131.38 3.97 -4.59
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	140.67 -9.10 0.00	135.46 -8.25 0.00	115.93 -7.47 0.00	105.84 -8.18 0.00	110.69 -8.04 0.44	115.09 -9.72 1.96	127.25 -12.35 1.57	146.84 -14.13 4.62	165.57 -14.88 6.15	227.65 -22.18 10.69	168.75 -16.08 11.05	158.05 -14.54 1.51	140.26 -14.50 6.85	134.39 -14.66 6.59	135.90 -15.85 0.53	177.19 -15.85 0.00	136.08 -15.65 5.70	161.09 -16.64 -2.39	163.08 -16.35 -1.31	165.66 -14.06 -0.08	138.76 -14.55 0.00	156.00 -14.30 0.00	130.34 -11.20 0.00	112.46 -10.36 0.00
BINGHAMTON___COGEN 23790	147.98 -1.78 0.00	142.06 -1.97 -0.31	121.68 -1.73 0.00	114.60 -1.72 -2.29	120.01 -1.30 -2.14	137.16 -1.62 -12.01	142.31 -1.39 -2.53	161.97 -2.32 1.29	184.01 -2.61 -0.02	247.61 -4.06 8.86	183.67 -2.39 9.81	170.70 -2.06 1.33	153.81 -1.75 6.05	148.05 -1.78 5.82	149.88 -1.93 0.46	191.35 -1.70 0.00	150.43 -1.98 5.03	173.40 -1.94 0.00	176.49 -1.63 0.00	178.22 -1.42 0.00	151.58 -1.73 0.00	170.21 -1.76 -1.67	143.36 -1.69 -3.52	123.08 -1.80 -2.06

BIXINCNT_115KV_LOAD 355685	142.78 -6.99 0.00	138.21 -5.50 0.00	117.90 -5.50 0.00	107.15 -6.87 0.00	112.74 -5.98 0.44	117.80 -7.02 1.95	131.10 -8.51 1.56	151.17 -9.74 4.67	170.17 -10.21 6.22	233.78 -15.96 10.79	171.99 -12.86 11.03	161.51 -11.09 1.50	143.56 -11.25 6.81	136.72 -12.39 6.54	138.54 -13.20 0.52	181.06 -11.99 0.00	139.17 -12.61 5.66	160.88 -14.46 0.00	164.91 -13.20 0.00	168.98 -10.65 0.00	142.47 -10.84 0.00	159.80 -10.50 0.00	133.28 -8.25 0.00	114.72 -8.10 0.00
BLACK RIVER___HYD 24047	151.87 2.10 0.00	145.98 2.27 0.00	123.47 0.07 0.00	113.07 -0.95 0.00	120.59 1.42 0.00	129.61 2.85 0.00	145.32 4.14 0.00	171.65 6.07 0.00	193.67 7.07 0.00	269.67 9.14 0.00	202.08 6.21 0.00	178.00 3.90 0.00	165.41 3.79 0.00	159.45 3.81 0.00	157.33 5.06 0.00	201.51 8.47 0.00	163.91 6.47 0.00	183.43 8.09 0.00	186.54 8.43 0.00	186.19 6.56 0.00	154.23 0.91 0.00	169.14 -1.15 0.00	139.90 -1.64 0.00	121.25 -1.57 0.00
BLACKRVR_115KV_TB2 79977	151.88 2.11 0.00	145.98 2.27 0.00	123.47 0.07 0.00	113.07 -0.95 0.00	120.61 1.44 0.00	129.60 2.83 0.00	145.33 4.16 0.00	171.63 6.04 0.00	193.63 7.04 0.00	269.63 9.10 0.00	202.03 6.16 0.00	177.95 3.86 0.00	165.37 3.75 0.00	159.44 3.79 0.00	157.32 5.05 0.00	201.48 8.44 0.00	163.87 6.44 0.00	183.40 8.06 0.00	186.53 8.42 0.00	186.13 6.50 0.00	154.23 0.91 0.00	169.11 -1.19 0.00	139.88 -1.65 0.00	121.25 -1.57 0.00
BLDWN_LI_69_KV_BK4 356085	143.38 5.17 11.55	140.66 4.70 7.75	128.08 4.73 0.05	124.64 5.62 -5.00	129.50 4.90 -5.43	146.87 3.68 -16.42	147.76 4.59 -1.99	170.49 4.52 -0.38	197.04 4.83 -5.61	268.54 8.61 0.60	201.70 8.00 2.16	180.97 7.17 0.29	167.88 7.60 1.34	161.69 7.33 1.28	159.87 7.70 0.10	200.10 7.06 0.00	164.31 7.99 1.11	182.78 8.05 0.61	186.39 8.28 0.00	187.52 7.89 0.00	161.52 8.21 0.00	180.87 6.87 -3.71	155.39 6.03 -7.82	132.76 5.36 -4.59
BLISS_WT_PWR 323608	121.80 -7.21 20.75	138.23 -5.48 0.00	117.80 -5.60 0.00	105.70 -7.07 1.25	91.12 -6.10 21.94	38.71 -6.91 81.15	119.30 -8.29 13.59	69.88 -9.25 86.46	110.93 -9.86 65.82	172.42 -15.58 72.53	115.41 -12.87 67.59	106.46 -10.72 56.91	98.71 -11.00 51.91	100.88 -12.55 42.22	128.09 -13.43 10.74	46.33 -11.85 134.87	139.18 -12.59 5.66	155.88 -14.76 4.70	101.11 -13.10 63.90	21.16 -10.38 148.09	123.99 -10.73 18.60	62.93 -10.10 97.26	73.78 -8.01 59.74	69.19 -8.01 45.62
BLUESTONE___WT_PWR 323821	154.32 -1.04 -5.60	141.05 -3.23 -0.57	121.03 -2.37 0.00	117.02 -1.47 -4.47	129.01 -0.19 -10.04	174.01 2.52 -44.72	153.32 3.00 -9.15	191.13 2.11 -23.43	210.85 4.00 -20.25	275.24 6.07 -8.64	206.45 3.93 -6.65	193.26 5.54 -13.62	175.95 7.40 -6.93	167.33 7.02 -4.67	160.51 5.88 -2.37	235.61 6.19 -36.38	158.54 5.32 4.21	184.15 7.61 -1.21	202.69 8.17 -16.40	226.18 8.53 -38.02	165.26 7.17 -4.77	206.79 8.48 -28.02	169.13 5.83 -21.77	142.44 4.14 -15.48
BLUE_CIRC_CHEM_DRP 24182	155.20 5.43 0.00	151.70 5.56 -2.43	128.31 4.90 0.00	136.44 4.64 -17.78	143.53 4.74 -19.63	238.04 4.62 -106.66	176.34 4.78 -30.38	192.93 5.16 -22.18	233.46 5.58 -41.29	273.74 8.17 -5.04	201.77 5.90 0.00	178.91 4.82 0.00	166.59 4.97 0.00	160.19 4.54 0.00	156.44 4.17 0.00	198.24 5.20 0.00	161.40 3.97 0.00	179.55 4.21 0.00	182.43 4.31 0.00	184.09 4.46 0.00	157.84 4.52 0.00	188.88 5.36 -13.22	174.36 4.93 -27.89	143.55 4.38 -16.36
BOC_GAS_DRP 24189	153.56 3.80 0.00	149.75 3.87 -2.17	126.85 3.44 0.00	133.27 3.37 -15.88	140.05 3.34 -17.54	225.17 3.12 -95.29	171.57 3.25 -27.14	188.95 3.54 -19.82	226.70 3.88 -36.23	270.79 5.95 -4.31	200.53 4.66 0.00	178.04 3.95 0.00	165.61 4.00 0.00	159.38 3.73 0.00	155.71 3.44 0.00	196.71 3.66 0.00	160.29 2.86 0.00	178.28 2.95 0.00	181.11 2.99 0.00	182.71 3.08 0.00	156.66 3.35 0.00	185.95 3.84 -11.81	170.06 3.61 -24.92	140.64 3.21 -14.61
BOONVILLE_115KV_TB1 79983	153.04 3.27 0.00	147.23 3.52 0.00	125.75 2.35 0.00	115.87 1.84 0.00	121.95 2.90 0.11	130.03 3.75 0.49	145.49 4.71 0.39	170.58 6.17 1.17	192.26 7.22 1.56	267.64 9.81 2.70	200.28 7.18 2.77	179.30 5.59 0.38	165.10 5.19 1.71	159.20 5.20 1.64	157.68 5.54 0.13	200.86 7.82 0.00	161.86 5.84 1.42	182.08 6.74 0.00	185.02 6.91 0.00	185.66 6.03 0.00	156.35 3.04 0.00	173.05 2.75 0.00	143.44 1.90 0.00	124.29 1.48 0.00
BORALEX_4TH_BRANCH 23824	159.31 9.55 0.00	158.21 9.49 -5.01	131.70 8.30 0.00	158.48 7.80 -36.65	167.56 7.93 -40.46	354.54 7.91 -219.86	211.75 7.94 -62.63	220.79 9.48 -45.73	286.53 11.14 -88.79	287.46 15.43 -11.50	207.03 11.16 0.00	183.38 9.29 0.00	170.94 9.32 0.00	164.56 8.91 0.00	161.44 9.17 0.00	203.59 10.54 0.00	165.66 8.23 0.00	183.55 8.22 0.00	186.46 8.35 0.00	189.29 9.66 0.00	162.09 8.78 0.00	208.31 10.76 -27.26	207.76 8.72 -57.51	163.91 7.37 -33.73
BOWLINE___1 23526	153.82 4.05 0.00	148.02 3.65 -0.66	126.77 3.37 0.00	122.47 3.61 -4.83	127.72 3.30 -5.25	158.39 3.02 -28.60	152.69 3.57 -7.95	175.07 4.39 -5.10	201.46 4.59 -10.28	267.03 7.19 0.69	199.85 6.19 2.20	179.42 5.63 0.30	165.80 5.54 1.36	159.83 5.49 1.31	157.73 5.57 0.10	198.10 5.06 0.00	161.34 5.04 1.13	181.17 5.83 0.00	183.56 5.45 0.00	184.74 5.11 0.00	158.71 5.40 0.00	178.66 4.78 -3.59	153.44 4.33 -7.57	131.13 3.88 -4.44
BOWLINE___2 23595	153.84 4.08 0.00	148.02 3.65 -0.66	126.80 3.40 0.00	122.50 3.64 -4.83	127.73 3.31 -5.25	158.42 3.04 -28.61	152.70 3.58 -7.95	175.09 4.40 -5.10	201.49 4.62 -10.28	267.07 7.24 0.69	199.85 6.19 2.20	179.44 5.64 0.30	165.82 5.56 1.36	159.84 5.51 1.31	157.76 5.59 0.10	198.10 5.06 0.00	161.41 5.11 1.13	181.18 5.84 0.00	183.56 5.45 0.00	184.77 5.14 0.00	158.73 5.41 0.00	178.69 4.80 -3.59	153.47 4.36 -7.57	131.14 3.89 -4.44
BRADY___115KV_TB2 356060	154.25 4.48 0.00	148.27 4.56 0.00	127.12 3.72 0.00	117.16 3.13 0.00	122.19 3.02 0.00	130.47 3.70 0.00	144.66 3.49 0.00	170.81 5.23 0.00	192.39 5.79 0.00	267.89 7.36 0.00	200.05 4.18 0.00	177.82 3.73 0.00	164.67 3.05 0.00	158.52 2.88 0.00	155.36 3.09 0.00	197.93 4.89 0.00	162.29 4.86 0.00	180.76 5.42 0.00	183.70 5.58 0.00	184.92 5.29 0.00	156.43 3.11 0.00	173.52 3.22 0.00	144.40 2.87 0.00	126.24 3.42 0.00
BRANSCOMB___SOLAR 323811	159.63 9.86 0.00	160.34 9.75 -6.88	131.87 8.46 0.00	172.21 7.91 -50.27	182.93 8.26 -55.50	437.08 8.73 -301.59	236.87 9.78 -85.91	240.03 11.71 -62.73	322.63 13.36 -122.67	294.73 18.17 -16.03	208.84 12.97 0.00	184.88 10.78 0.00	171.85 10.24 0.00	165.37 9.72 0.00	162.44 10.17 0.00	205.94 12.90 0.00	168.03 10.59 0.00	187.20 11.86 0.00	190.11 11.99 0.00	192.20 12.57 0.00	164.17 10.85 0.00	220.09 12.39 -37.40	230.36 9.93 -78.89	177.42 8.34 -46.27
BRDGHMPT_69_KV_BK1 55812	128.54 4.73 25.96	129.83 4.24 18.12	127.71 4.42 0.12	124.96 5.95 -5.00	129.70 5.11 -5.43	130.78 3.78 -0.23	140.80 5.32 5.69	169.59 5.26 1.25	198.88 6.00 -6.28	364.31 18.90 -84.87	219.11 16.14 -7.09	186.27 12.47 0.30	173.04 12.76 1.34	166.75 12.39 1.29	165.46 13.29 0.10	204.34 11.30 0.01	170.42 12.11 -0.87	187.92 12.10 -0.48	200.71 14.07 -8.53	194.97 15.34 0.00	169.65 13.92 -2.42	185.37 11.36 -3.71	210.09 9.79 -58.76	150.29 9.93 -17.54

BRENTWOD_69_KV_W. BRTWOOD 56703	128.02 3.49 25.24	129.22 3.10 17.60	127.03 3.74 0.11	124.23 5.22 -5.00	128.87 4.28 -5.43	129.97 2.16 -1.04	139.09 3.21 5.30	167.42 2.93 1.09	195.77 3.69 -5.48	275.39 6.89 -7.97	201.43 6.43 0.87	179.59 5.79 0.30	166.69 6.42 1.34	160.48 6.12 1.29	158.74 6.58 0.10	198.59 5.55 0.01	163.84 7.17 0.76	181.55 7.36 1.15	186.65 7.75 -0.79	186.98 7.36 0.00	160.63 7.10 -0.22	179.25 5.24 -3.71	158.96 4.87 -12.55	133.09 4.48 -5.79
BRISTLHL_115KV_TB1 79998	143.94 -5.83 0.00	137.99 -5.72 0.00	118.43 -4.98 0.00	109.41 -4.62 0.00	114.69 -4.66 -0.18	122.65 -4.91 -0.79	136.53 -5.28 -0.63	161.28 -6.20 -1.90	182.32 -6.79 -2.52	255.27 -9.64 -4.38	193.25 -7.10 -4.48	168.28 -6.43 -0.61	158.37 -6.02 -2.77	152.62 -5.69 -2.66	146.93 -5.55 -0.21	186.27 -6.78 0.00	153.91 -5.82 -2.30	169.39 -5.95 0.00	171.90 -6.22 0.00	173.45 -6.18 0.00	147.63 -5.68 0.00	163.95 -6.35 0.00	136.01 -5.53 0.00	117.81 -5.01 0.00
BROOKHAVEN__DRP 24191	127.78 3.99 25.98	129.12 3.55 18.14	127.09 3.80 0.12	124.29 5.27 -5.00	128.92 4.33 -5.43	129.66 2.69 -0.21	139.36 3.88 5.70	167.74 3.41 1.26	196.92 4.02 -6.30	354.41 8.86 -85.02	210.51 7.52 -7.11	179.68 5.88 0.30	167.34 7.06 1.34	161.31 6.95 1.29	159.79 7.63 0.10	198.97 5.93 0.01	165.88 7.57 -0.88	182.95 7.13 -0.48	195.23 8.58 -8.54	188.13 8.49 0.00	163.69 7.96 -2.42	180.07 6.06 -3.71	205.96 5.58 -58.84	145.85 5.47 -17.56
BROOKLYN_NAVY_YARD 23515	156.02 6.25 0.00	150.07 5.68 -0.68	128.43 5.03 0.00	124.11 5.10 -4.99	129.49 4.90 -5.43	161.12 4.78 -29.57	155.02 5.61 -8.23	177.91 7.01 -5.32	204.71 7.44 -10.68	271.23 11.31 0.61	203.10 9.40 2.16	182.26 8.46 0.30	168.61 8.33 1.34	162.42 8.06 1.29	160.46 8.29 0.10	201.29 8.24 0.00	164.07 7.75 1.11	184.13 8.79 0.00	186.29 8.17 0.00	187.23 7.60 0.00	160.99 7.68 0.00	181.25 7.24 -3.71	155.82 6.46 -7.82	133.14 5.73 -4.59
BROOKLYN__ARMY_DRP 323595	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
BROOME_2_LFGE 323671	155.80 -1.83 -7.87	142.06 -1.97 -0.31	121.69 -1.72 0.00	115.07 -1.72 -2.76	128.15 -1.31 -10.29	167.13 -1.69 -42.05	146.84 -1.42 -7.09	192.50 -2.35 -29.26	204.59 -2.63 -20.62	268.93 -4.08 -12.47	204.52 -2.41 -11.05	191.40 -2.08 -19.40	170.61 -1.82 -10.82	161.42 -1.83 -7.60	153.73 -1.96 -3.41	242.45 -1.76 -51.16	150.43 -1.98 5.03	175.10 -1.94 -1.71	199.72 -1.64 -23.24	232.03 -1.48 -53.88	158.35 -1.73 -6.77	205.56 -1.79 -37.06	165.07 -1.72 -25.25	139.65 -1.83 -18.66
BROOME__LFGE 323600	155.80 -1.83 -7.87	142.06 -1.97 -0.31	121.69 -1.72 0.00	115.07 -1.72 -2.76	128.15 -1.31 -10.29	167.13 -1.69 -42.05	146.84 -1.42 -7.09	192.50 -2.35 -29.26	204.59 -2.63 -20.62	268.93 -4.08 -12.47	204.52 -2.41 -11.05	191.40 -2.08 -19.40	170.61 -1.82 -10.82	161.42 -1.83 -7.60	153.73 -1.96 -3.41	242.45 -1.76 -51.16	150.43 -1.98 5.03	175.10 -1.94 -1.71	199.72 -1.64 -23.24	232.03 -1.48 -53.88	158.35 -1.73 -6.77	205.56 -1.79 -37.06	165.07 -1.72 -25.25	139.65 -1.83 -18.66
BROWNFLS_115KV_TB_3_5 80003	151.70 1.94 0.00	146.16 2.45 0.00	124.52 1.12 0.00	114.34 0.32 0.00	120.33 1.16 0.00	128.60 1.84 0.00	143.13 1.95 0.00	169.02 3.43 0.00	190.58 3.99 0.00	265.83 5.30 0.00	199.14 3.26 0.00	176.36 2.26 0.00	163.57 1.95 0.00	157.64 1.99 0.00	154.88 2.61 0.00	197.26 4.22 0.00	160.12 2.69 0.00	178.59 3.25 0.00	181.53 3.42 0.00	181.84 2.21 0.00	152.05 -1.26 0.00	168.03 -2.27 0.00	140.30 -1.23 0.00	122.45 -0.36 0.00
BROWNSV1_27_KV_LOAD 356125	157.85 8.08 0.00	151.90 7.51 -0.68	129.97 6.57 0.00	125.58 6.56 -4.99	130.99 6.39 -5.43	162.76 6.42 -29.57	156.89 7.48 -8.23	180.30 9.40 -5.32	207.44 10.16 -10.68	275.06 15.14 0.61	206.16 12.45 2.16	184.96 11.16 0.30	171.04 10.76 1.34	164.78 10.42 1.29	162.68 10.51 0.10	204.30 11.25 0.00	166.41 10.09 1.11	186.71 11.37 0.00	189.01 10.89 0.00	190.00 10.37 0.00	163.26 9.94 0.00	183.83 9.82 -3.71	157.81 8.45 -7.82	134.81 7.41 -4.59
BURROWS__LYONSDAL 23803	152.45 2.69 0.00	146.78 3.07 0.00	125.12 1.71 0.00	115.06 1.04 0.00	121.47 2.40 0.10	129.67 3.35 0.45	145.08 4.26 0.36	170.30 5.78 1.07	191.95 6.78 1.42	267.40 9.33 2.46	200.06 6.70 2.52	178.74 4.99 0.34	164.74 4.68 1.56	158.84 4.69 1.50	157.37 5.22 0.12	200.66 7.62 0.00	161.72 5.58 1.29	181.82 6.49 0.00	184.82 6.70 0.00	185.14 5.51 0.00	155.22 1.90 0.00	171.55 1.26 0.00	142.22 0.68 0.00	123.32 0.50 0.00
CAITHNESS_CC_1 323624	127.14 3.37 25.99	128.56 3.00 18.15	126.69 3.40 0.12	123.84 4.82 -5.00	128.48 3.88 -5.43	129.01 2.05 -0.19	138.69 3.22 5.71	166.96 2.63 1.26	196.03 3.12 -6.32	352.80 7.15 -85.12	209.30 6.29 -7.13	178.76 4.97 0.30	166.24 5.96 1.34	160.41 6.05 1.29	158.91 6.75 0.10	197.89 4.85 0.01	165.04 6.72 -0.88	182.10 6.27 -0.48	194.13 7.46 -8.55	186.95 7.32 0.00	162.68 6.94 -2.42	179.11 5.10 -3.71	205.23 4.80 -58.90	145.22 4.83 -17.57
CALPINE BETH_PAGE_GT4 24209	135.17 3.88 18.47	134.51 3.49 12.68	126.98 3.66 0.08	123.74 4.72 -5.00	128.49 3.90 -5.43	137.95 2.47 -8.71	142.78 3.26 1.66	168.84 3.14 -0.11	195.29 3.36 -5.34	266.43 6.51 0.61	199.94 6.23 2.16	179.41 5.62 0.29	166.39 6.11 1.34	159.77 5.41 1.29	158.04 5.88 0.10	197.76 4.72 0.00	162.36 6.04 1.11	180.69 6.32 0.96	184.55 6.44 0.00	185.52 5.88 0.00	159.52 6.20 0.00	178.63 4.63 -3.71	153.58 4.22 -7.82	131.28 3.87 -4.59
CALPINE_BETH_PAGE_GT_4 323586	135.08 3.79 18.47	134.45 3.42 12.68	127.01 3.69 0.08	123.67 4.65 -5.00	128.47 3.88 -5.43	137.83 2.35 -8.71	142.73 3.22 1.66	168.75 3.06 -0.11	195.20 3.27 -5.34	266.41 6.49 0.61	199.86 6.15 2.16	179.25 5.45 0.29	166.24 5.96 1.34	159.70 5.35 1.29	158.03 5.86 0.10	197.64 4.60 0.00	162.32 6.00 1.11	180.59 6.21 0.96	184.43 6.32 0.00	185.49 5.86 0.00	159.43 6.12 0.00	178.58 4.57 -3.71	153.55 4.19 -7.82	131.25 3.85 -4.59
CALPINE_BP_GT1 23823	135.08 3.79 18.47	134.45 3.42 12.68	127.01 3.69 0.08	123.67 4.65 -5.00	128.47 3.88 -5.43	137.83 2.35 -8.71	142.73 3.22 1.66	168.75 3.06 -0.11	195.20 3.27 -5.34	266.41 6.49 0.61	199.86 6.15 2.16	179.25 5.45 0.29	166.24 5.96 1.34	159.70 5.35 1.29	158.03 5.86 0.10	197.64 4.60 0.00	162.32 6.00 1.11	180.59 6.21 0.96	184.43 6.32 0.00	185.49 5.86 0.00	159.43 6.12 0.00	178.58 4.57 -3.71	153.55 4.19 -7.82	131.25 3.85 -4.59
CALSPAN__DRP 24200	139.79 -9.97 0.00	134.56 -9.15 0.00	115.17 -8.23 0.00	105.20 -8.82 0.00	109.95 -8.77 0.45	114.23 -10.57 1.97	126.16 -13.44 1.58	144.40 -16.56 4.63	162.65 -17.79 6.16	223.58 -26.24 10.70	165.92 -18.89 11.07	155.42 -17.17 1.51	137.78 -16.97 6.87	132.60 -16.44 6.60	134.77 -16.97 0.53	175.65 -17.40 0.00	134.88 -16.85 5.70	160.01 -17.85 -2.53	161.82 -17.69 -1.39	164.30 -15.42 -0.09	137.62 -15.69 0.00	154.78 -15.52 0.00	129.34 -12.19 0.00	111.63 -11.18 0.00

CALVERTON___SOLAR 323806	128.12 4.33 25.97	129.48 3.90 18.13	127.47 4.18 0.12	124.56 5.54 -5.00	129.28 4.68 -5.43	129.94 2.95 -0.21	139.80 4.32 5.69	168.27 3.93 1.26	197.52 4.63 -6.30	355.91 10.35 -85.03	211.75 8.76 -7.11	180.45 6.65 0.30	168.07 7.80 1.34	162.20 7.84 1.29	160.69 8.52 0.10	199.87 6.83 0.01	166.69 8.38 -0.88	183.71 7.89 -0.48	196.19 9.54 -8.54	189.26 9.63 0.00	164.57 8.84 -2.42	180.96 6.96 -3.71	206.64 6.25 -58.85	146.55 6.17 -17.56
CANDIGU_WT_PWR 323617	142.98 -10.92 -4.13	132.76 -11.15 -0.20	113.72 -9.69 0.00	106.40 -9.30 -1.68	116.81 -7.79 -5.44	140.26 -8.98 -22.48	134.67 -9.84 -3.33	166.38 -12.52 -13.31	182.51 -14.54 -10.46	243.92 -20.10 -3.49	183.42 -13.13 -0.68	171.60 -11.98 -9.49	152.52 -11.42 -2.33	144.86 -11.55 -0.76	142.09 -11.72 -1.54	208.11 -11.93 -27.00	140.41 -11.56 5.46	164.27 -11.98 -0.90	179.44 -10.98 -12.31	198.11 -10.08 -28.56	145.05 -11.85 -3.59	178.17 -11.93 -19.81	145.29 -9.98 -13.73	123.35 -9.56 -10.10
CARR STREET_E__SYR 24060	145.38 -4.38 0.00	139.45 -4.26 0.00	119.69 -3.71 0.00	110.60 -3.42 0.00	115.32 -3.37 0.48	120.99 -3.66 2.12	135.65 -3.83 1.70	155.98 -4.53 5.08	174.80 -5.06 6.74	241.53 -7.29 11.70	178.68 -5.20 11.99	167.80 -4.67 1.63	149.86 -4.36 7.40	144.38 -4.15 7.11	147.44 -4.26 0.57	188.18 -4.87 0.00	146.99 -4.30 6.15	170.69 -4.65 0.00	173.51 -4.61 0.00	175.16 -4.47 0.00	149.08 -4.23 0.00	165.64 -4.66 0.00	137.43 -4.11 0.00	119.00 -3.82 0.00
CARTHAGE___PAPER 23857	152.93 3.16 0.00	147.16 3.45 0.00	124.69 1.28 0.00	114.16 0.14 0.00	121.48 2.32 0.00	130.47 3.70 0.00	146.07 4.89 0.00	172.54 6.95 0.00	194.63 8.03 0.00	271.24 10.71 0.00	203.22 7.35 0.00	179.20 5.11 0.00	166.54 4.92 0.00	160.54 4.89 0.00	158.24 5.97 0.00	202.41 9.36 0.00	164.39 6.95 0.00	183.73 8.39 0.00	186.88 8.77 0.00	186.58 6.95 0.00	154.75 1.43 0.00	170.08 -0.22 0.00	140.99 -0.54 0.00	122.43 -0.38 0.00
CASSADAGA_WT_PWR 323784	122.09 -7.41 20.27	137.70 -6.01 0.00	117.32 -6.09 0.00	104.62 -8.18 1.22	90.07 -7.65 21.44	39.31 -8.14 79.31	119.27 -8.60 13.31	70.17 -11.83 83.58	111.79 -11.13 63.67	172.75 -17.47 70.31	114.90 -15.61 65.36	104.02 -15.84 54.24	95.51 -16.37 49.74	99.47 -15.51 40.66	125.63 -16.27 10.37	48.57 -14.50 129.97	135.73 -16.04 5.66	153.29 -17.46 4.59	98.33 -17.38 62.41	20.18 -14.81 144.64	120.75 -14.40 18.16	61.95 -13.36 94.99	71.89 -11.30 58.35	67.38 -10.88 44.55
CE_DUNWOOD___DRP 24194	155.50 5.74 0.00	149.66 5.27 -0.68	128.17 4.77 0.00	123.94 4.94 -4.98	129.26 4.68 -5.42	160.76 4.47 -29.51	154.57 5.18 -8.21	177.29 6.40 -5.30	204.10 6.85 -10.66	270.22 10.31 0.61	202.35 8.65 2.17	181.59 7.79 0.30	167.94 7.66 1.34	161.87 7.51 1.29	159.72 7.55 0.10	200.55 7.51 0.00	163.38 7.05 1.11	183.29 7.96 0.00	185.74 7.63 0.00	186.91 7.28 0.00	160.57 7.25 0.00	180.86 6.86 -3.70	155.35 6.01 -7.81	132.71 5.31 -4.58
CE_MILLWOOD___DRP 24193	155.08 5.32 0.00	149.29 4.90 -0.68	127.86 4.46 0.00	123.59 4.60 -4.97	128.92 4.35 -5.40	160.32 4.13 -29.42	154.13 4.77 -8.18	176.77 5.91 -5.28	203.50 6.29 -10.62	269.43 9.53 0.62	201.69 8.00 2.17	181.01 7.21 0.30	167.37 7.09 1.34	161.28 6.92 1.29	159.14 6.97 0.10	199.88 6.84 0.00	162.84 6.52 1.11	182.71 7.37 0.00	185.14 7.02 0.00	186.36 6.73 0.00	160.08 6.77 0.00	180.36 6.37 -3.69	154.90 5.58 -7.78	132.32 4.94 -4.56
CE_NYC2_DRP 24202	155.86 6.09 0.00	150.17 5.77 -0.68	128.58 5.18 0.00	124.26 5.24 -4.99	129.61 5.01 -5.43	161.13 4.78 -29.57	155.01 5.60 -8.23	177.95 7.05 -5.32	204.81 7.54 -10.68	271.27 11.35 0.61	203.40 9.69 2.16	182.72 8.92 0.30	169.13 8.85 1.34	162.92 8.56 1.29	160.88 8.71 0.10	201.76 8.71 0.00	164.45 8.13 1.11	184.54 9.20 0.00	186.52 8.41 0.00	187.36 7.73 0.00	161.25 7.94 0.00	181.37 7.36 -3.71	156.21 6.85 -7.82	133.55 6.14 -4.59
CE_NYC_DRP 24195	156.17 6.40 0.00	150.24 5.84 -0.68	128.61 5.21 0.00	124.32 5.31 -4.99	129.68 5.08 -5.43	161.35 5.01 -29.57	155.23 5.83 -8.23	178.24 7.34 -5.32	205.07 7.79 -10.68	271.74 11.82 0.61	203.65 9.94 2.16	182.75 8.95 0.30	169.02 8.73 1.34	162.87 8.50 1.29	160.79 8.62 0.10	201.83 8.79 0.00	164.44 8.12 1.11	184.47 9.13 0.00	186.69 8.58 0.00	187.63 8.00 0.00	161.25 7.94 0.00	181.56 7.56 -3.71	156.01 6.66 -7.82	133.34 5.93 -4.59
CHAFFEE___LFGE 323603	122.19 -8.80 18.78	135.83 -7.88 0.00	116.31 -7.09 0.00	105.05 -7.84 1.13	91.46 -7.80 19.90	43.88 -9.25 73.63	116.82 -11.91 12.45	73.62 -14.29 77.67	113.26 -15.02 58.31	173.39 -22.41 64.73	118.32 -16.23 61.33	108.56 -14.64 50.89	99.93 -14.65 47.04	102.86 -14.26 38.52	127.37 -15.15 9.75	56.62 -14.61 121.82	137.07 -14.68 5.68	157.55 -15.57 2.21	106.42 -15.02 56.67	33.10 -12.68 133.85	122.69 -13.80 16.82	69.13 -13.21 87.95	77.01 -10.50 54.02	71.62 -9.94 41.25
CHATEAUG_35_KV_LOAD 355732	151.16 1.40 0.00	144.76 1.06 0.00	124.22 0.81 0.00	114.38 0.35 0.00	119.32 0.15 0.00	128.28 1.52 0.00	142.93 1.76 0.00	168.34 2.76 0.00	190.01 3.41 0.00	265.08 4.56 0.00	198.84 2.97 0.00	176.57 2.48 0.00	163.23 1.61 0.00	157.19 1.55 0.00	153.68 1.42 0.00	196.03 2.98 0.00	160.11 2.67 0.00	178.29 2.96 0.00	181.79 3.67 0.00	183.12 3.49 0.00	155.65 2.34 0.00	172.81 2.51 0.00	142.88 1.35 0.00	123.83 1.02 0.00
CHATEAUG_WT_PWR 323614	150.63 0.87 0.00	144.29 0.58 0.00	123.81 0.41 0.00	114.06 0.04 0.00	119.02 -0.14 0.00	127.72 0.95 0.00	142.17 1.00 0.00	167.20 1.61 0.00	188.72 2.13 0.00	263.51 2.98 0.00	197.78 1.91 0.00	175.75 1.65 0.00	162.48 0.87 0.00	156.51 0.87 0.00	152.97 0.70 0.00	194.88 1.83 0.00	158.98 1.55 0.00	176.99 1.65 0.00	180.46 2.35 0.00	181.76 2.13 0.00	154.51 1.19 0.00	171.68 1.39 0.00	142.07 0.53 0.00	123.24 0.42 0.00
CHAT_HIGH_FALL_HYD 323578	151.16 1.40 0.00	144.76 1.06 0.00	124.22 0.81 0.00	114.38 0.35 0.00	119.32 0.15 0.00	128.28 1.52 0.00	142.93 1.76 0.00	168.34 2.76 0.00	190.01 3.41 0.00	265.08 4.56 0.00	198.84 2.97 0.00	176.57 2.48 0.00	163.23 1.61 0.00	157.19 1.55 0.00	153.68 1.42 0.00	196.03 2.98 0.00	160.11 2.67 0.00	178.29 2.96 0.00	181.79 3.67 0.00	183.12 3.49 0.00	155.65 2.34 0.00	172.81 2.51 0.00	142.88 1.35 0.00	123.83 1.02 0.00
CHAUTAUQUA___LFGE 323629	121.63 -8.54 19.60	136.18 -7.53 0.00	116.26 -7.14 0.00	104.33 -8.51 1.18	90.25 -8.16 20.75	40.73 -9.27 76.76	118.34 -9.92 12.92	71.12 -13.55 80.92	112.44 -13.92 60.24	172.70 -21.06 66.77	115.98 -16.70 63.19	106.05 -15.87 52.17	97.36 -16.18 48.08	100.88 -15.41 39.35	126.28 -15.99 10.00	52.66 -15.38 125.00	135.98 -15.78 5.68	153.94 -16.96 4.43	101.07 -16.71 60.33	25.17 -14.65 139.81	121.29 -14.47 17.56	64.37 -14.11 91.83	73.40 -11.73 56.40	68.64 -11.10 43.07
CHERRYST_13_KV_LD 356241	156.60 6.84 0.00	150.66 6.26 -0.68	128.96 5.56 0.00	124.66 5.64 -4.99	130.03 5.44 -5.43	161.76 5.42 -29.57	155.71 6.31 -8.23	178.79 7.89 -5.32	205.79 8.52 -10.68	272.71 12.79 0.61	204.40 10.69 2.16	183.45 9.65 0.30	169.65 9.36 1.34	163.46 9.10 1.29	161.39 9.22 0.10	202.61 9.56 0.00	165.07 8.75 1.11	185.15 9.82 0.00	187.34 9.23 0.00	188.23 8.60 0.00	161.76 8.45 0.00	182.13 8.12 -3.71	156.48 7.12 -7.82	133.70 6.30 -4.59

CHESTROR_138KV_BK263 355645	154.01 4.24 0.00	148.25 3.90 -0.63	126.99 3.59 0.00	122.37 3.73 -4.62	127.69 3.51 -5.01	157.35 3.28 -27.31	152.58 3.84 -7.56	175.18 4.79 -4.80	201.39 5.07 -9.72	267.36 7.65 0.81	200.03 6.41 2.26	179.59 5.80 0.31	165.96 5.74 1.39	159.92 5.62 1.34	157.81 5.64 0.11	198.52 5.47 0.00	161.50 5.23 1.16	181.34 6.00 0.00	183.82 5.70 0.00	185.06 5.43 0.00	158.84 5.53 0.00	178.89 5.17 -3.43	153.32 4.56 -7.23	131.03 3.98 -4.24
CH_MIDHUDSON___DRP 24192	156.18 6.41 0.00	150.33 5.92 -0.71	128.74 5.33 0.00	124.54 5.34 -5.18	129.98 5.19 -5.63	162.52 5.08 -30.67	155.46 5.75 -8.54	178.26 7.13 -5.55	205.42 7.71 -11.11	271.32 11.33 0.54	202.93 9.20 2.15	182.00 8.20 0.29	168.32 8.02 1.32	162.17 7.79 1.27	159.99 7.83 0.10	201.03 7.99 0.00	163.58 7.25 1.10	183.60 8.26 0.00	186.24 8.12 0.00	187.51 7.88 0.00	161.09 7.78 0.00	181.82 7.68 -3.84	156.10 6.46 -8.11	133.18 5.61 -4.76
CH_MISC_IPPS 23765	156.87 7.10 0.00	151.00 6.59 -0.70	129.29 5.88 0.00	124.98 5.86 -5.09	130.42 5.72 -5.54	162.57 5.64 -30.17	156.08 6.51 -8.40	178.97 7.95 -5.44	206.15 8.65 -10.90	272.59 12.65 0.58	203.80 10.10 2.17	182.83 9.03 0.30	169.06 8.78 1.34	162.91 8.56 1.29	160.79 8.63 0.10	202.11 9.06 0.00	164.53 8.21 1.11	184.75 9.41 0.00	187.29 9.17 0.00	188.60 8.97 0.00	161.90 8.59 0.00	182.55 8.47 -3.78	156.62 7.11 -7.98	133.65 6.16 -4.68
CH_RES_BVR_FALLS 23983	149.62 -0.15 0.00	143.57 -0.15 0.00	123.28 -0.12 0.00	113.91 -0.11 0.00	119.05 -0.12 0.00	126.73 -0.04 0.00	141.06 -0.12 0.00	165.56 -0.03 0.00	186.60 0.00 0.00	260.53 0.00 0.00	195.71 -0.16 0.00	173.92 -0.18 0.00	161.46 -0.16 0.00	155.49 -0.15 0.00	152.12 -0.15 0.00	193.01 -0.04 0.00	157.34 -0.09 0.00	175.20 -0.14 0.00	178.07 -0.04 0.00	179.57 -0.06 0.00	153.16 -0.15 0.00	170.13 -0.17 0.00	141.39 -0.14 0.00	122.69 -0.12 0.00
CH_RES_NIAGARA 23895	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
CH_RES_SYRACUSE 23985	146.73 -3.03 0.00	140.66 -3.05 0.00	120.74 -2.67 0.00	111.56 -2.46 0.00	116.51 -2.42 0.25	123.11 -2.57 1.09	137.75 -2.55 0.88	159.89 -3.07 2.63	179.79 -3.32 3.49	249.51 -4.96 6.06	186.11 -3.56 6.20	170.09 -3.16 0.84	154.86 -2.93 3.83	149.19 -2.78 3.68	149.02 -2.96 0.29	189.86 -3.18 0.00	151.43 -2.82 3.18	172.45 -2.89 0.00	175.19 -2.92 0.00	176.92 -2.71 0.00	150.58 -2.73 0.00	167.26 -3.04 0.00	138.75 -2.78 0.00	120.11 -2.70 0.00
CLINTON_WT_PWR 323605	150.63 0.87 0.00	144.29 0.58 0.00	123.81 0.41 0.00	114.06 0.04 0.00	119.02 -0.14 0.00	127.72 0.95 0.00	142.17 1.00 0.00	167.20 1.61 0.00	188.72 2.13 0.00	263.51 2.98 0.00	197.78 1.91 0.00	175.75 1.65 0.00	162.48 0.87 0.00	156.51 0.87 0.00	152.97 0.70 0.00	194.88 1.83 0.00	158.98 1.55 0.00	176.99 1.65 0.00	180.46 2.35 0.00	181.76 2.13 0.00	154.51 1.19 0.00	171.68 1.39 0.00	142.07 0.53 0.00	123.24 0.42 0.00
CLINTON___LFGE 323618	154.02 4.26 0.00	147.66 3.95 0.00	126.67 3.27 0.00	116.70 2.67 0.00	121.42 2.25 0.00	130.45 3.68 0.00	145.73 4.55 0.00	174.38 8.80 0.00	196.37 9.78 0.00	274.38 13.85 0.00	205.35 9.48 0.00	182.45 8.35 0.00	167.68 6.07 0.00	161.96 6.32 0.00	158.60 6.32 0.00	202.57 9.53 0.00	165.84 8.41 0.00	185.01 9.67 0.00	188.75 10.63 0.00	190.14 10.51 0.00	161.59 8.28 0.00	179.41 9.12 0.00	148.10 6.57 0.00	128.11 5.30 0.00
COBBLENY_34_KV_TB1 80064	141.08 -8.69 0.00	135.87 -7.84 0.00	116.30 -7.10 0.00	106.16 -7.86 0.00	110.97 -7.76 0.44	115.45 -9.36 1.96	127.67 -11.94 1.57	146.37 -14.60 4.62	165.13 -15.31 6.15	227.00 -22.83 10.70	168.24 -16.60 11.03	157.50 -15.09 1.51	139.71 -15.07 6.84	134.57 -14.50 6.57	136.55 -15.20 0.52	177.96 -15.08 0.00	136.79 -14.97 5.68	161.64 -15.73 -2.03	163.82 -15.41 -1.12	166.57 -13.13 -0.07	139.49 -13.82 0.00	156.67 -13.63 0.00	130.78 -10.76 0.00	112.75 -10.07 0.00
COFFEEN___115KV_TB3 355620	152.33 2.56 0.00	146.39 2.67 0.00	123.87 0.47 0.00	113.51 -0.52 0.00	120.98 1.82 0.00	130.03 3.26 0.00	145.87 4.70 0.00	172.29 6.70 0.00	194.36 7.76 0.00	270.56 10.03 0.00	202.77 6.90 0.00	178.65 4.56 0.00	165.96 4.34 0.00	159.95 4.30 0.00	157.77 5.50 0.00	202.14 9.10 0.00	164.45 7.02 0.00	184.18 8.84 0.00	187.24 9.13 0.00	186.94 7.31 0.00	155.04 1.73 0.00	170.02 -0.27 0.00	140.55 -0.98 0.00	121.76 -1.06 0.00
COLDSPRG_115KV_BK1 355956	144.49 -5.28 0.00	139.53 -4.18 0.00	119.26 -4.14 0.00	108.24 -5.78 0.00	113.54 -5.19 0.44	118.63 -6.19 1.94	132.78 -6.84 1.56	152.32 -8.60 4.66	172.82 -7.58 6.20	237.58 -12.18 10.77	174.40 -10.47 11.00	162.27 -10.33 1.49	144.23 -10.60 6.79	138.89 -10.23 6.52	140.81 -10.94 0.52	184.00 -9.05 0.00	140.71 -11.09 5.64	163.25 -12.08 0.00	166.19 -11.93 0.00	170.13 -9.50 0.00	142.96 -10.36 0.00	160.58 -9.71 0.00	133.65 -7.89 0.00	114.87 -7.95 0.00
COLONIE_LFGE___ 323577	156.88 7.12 0.00	156.75 7.17 -5.87	129.66 6.26 0.00	162.83 5.92 -42.88	172.56 6.04 -47.35	390.13 6.09 -257.27	220.96 6.50 -73.29	226.73 7.63 -53.51	299.29 8.72 -103.97	286.32 12.31 -13.47	204.84 8.97 0.00	181.63 7.54 0.00	169.06 7.44 0.00	162.73 7.09 0.00	159.36 7.09 0.00	201.42 8.37 0.00	164.19 6.76 0.00	182.42 7.07 0.00	185.28 7.17 0.00	187.35 7.72 0.00	160.41 7.09 0.00	210.53 8.32 -31.90	215.70 6.86 -67.30	168.14 5.86 -39.47
COOPERNY_115KV_TB1 80082	152.53 2.77 0.00	146.75 2.51 -0.52	125.75 2.34 0.00	120.30 2.47 -3.80	125.61 2.35 -4.10	151.31 2.16 -22.38	149.88 2.56 -6.15	172.40 3.13 -3.69	197.52 3.26 -7.67	264.23 4.98 1.28	197.66 4.27 2.49	177.63 3.88 0.34	163.91 3.83 1.53	157.94 3.77 1.48	155.93 3.78 0.12	196.63 3.58 0.00	159.59 3.43 1.27	179.30 3.96 0.00	181.86 3.75 0.00	183.22 3.59 0.00	156.99 3.68 0.00	176.54 3.42 -2.82	150.47 2.99 -5.95	128.92 2.61 -3.49
COPENHAGEN_WT_PWR 323753	150.39 0.63 0.00	144.51 0.80 0.00	121.90 -1.51 0.00	111.54 -2.49 0.00	119.36 0.19 0.00	128.29 1.52 0.00	143.90 2.72 0.00	169.82 4.23 0.00	191.60 5.00 0.00	267.03 6.50 0.00	200.16 4.28 0.00	176.26 2.16 0.00	163.81 2.20 0.00	157.93 2.29 0.00	156.03 3.76 0.00	199.88 6.84 0.00	162.60 5.16 0.00	181.86 6.52 0.00	185.10 6.99 0.00	184.50 4.87 0.00	152.43 -0.89 0.00	166.81 -3.48 0.00	137.91 -3.63 0.00	119.63 -3.19 0.00
CORNELL_____ 23752	150.09 0.32 0.00	143.83 -0.11 -0.22	123.30 -0.10 0.00	115.47 -0.18 -1.62	120.99 0.44 -1.38	135.25 0.56 -7.91	143.83 1.34 -1.31	164.79 1.56 2.35	186.51 1.79 1.88	252.81 1.87 9.58	187.29 1.75 10.34	174.17 1.48 1.40	156.62 1.39 6.38	150.79 1.28 6.13	152.74 0.96 0.49	195.19 2.15 0.00	153.57 1.43 5.30	177.63 2.29 0.00	180.79 2.68 0.00	182.69 3.06 0.00	155.20 1.89 0.00	173.51 2.05 -1.17	145.23 1.23 -2.47	124.78 0.52 -1.45

CORONA__69_KV_TB1 355595	155.31 5.54 0.00	149.51 5.12 -0.68	128.41 5.01 0.00	124.74 5.72 -5.00	129.68 5.09 -5.43	160.40 4.05 -29.58	154.37 4.97 -8.23	175.00 4.99 -4.43	201.70 5.33 -9.77	269.07 9.15 0.60	202.21 8.50 2.16	181.39 7.59 0.29	168.27 7.99 1.34	162.07 7.71 1.28	160.13 7.96 0.10	200.64 7.59 0.00	164.53 8.20 1.11	184.19 8.85 0.00	187.05 8.93 0.00	188.15 8.52 0.00	161.66 8.35 0.00	181.20 7.19 -3.71	155.63 6.27 -7.82	133.02 5.62 -4.59
CORTLAND__115KV_TB3 80093	149.15 -0.61 0.00	143.00 -0.71 0.00	122.75 -0.66 0.00	113.46 -0.56 0.00	118.56 -0.18 0.42	124.70 -0.20 1.86	140.01 0.33 1.49	161.42 0.30 4.47	181.06 0.39 5.93	250.26 0.03 10.30	185.59 0.27 10.55	172.84 0.18 1.43	155.30 0.19 6.51	149.56 0.17 6.26	151.72 -0.05 0.50	193.75 0.70 0.00	152.17 0.15 5.41	175.82 0.48 0.00	178.82 0.70 0.00	180.47 0.84 0.00	153.43 0.11 0.00	170.44 0.14 0.00	141.30 -0.24 0.00	122.23 -0.58 0.00
COXSACKIE__GT 23611	163.38 13.62 0.00	159.59 13.52 -2.36	135.12 11.72 0.00	142.04 10.77 -17.24	149.56 11.42 -18.96	241.88 11.99 -103.12	184.08 13.69 -29.21	202.79 16.46 -20.74	244.09 18.00 -39.49	289.61 25.83 -3.25	211.93 17.89 1.82	187.99 14.15 0.25	174.13 13.64 1.13	167.05 12.49 1.08	164.23 12.04 0.09	209.95 16.90 0.00	170.65 14.15 0.94	191.64 16.30 0.00	194.48 16.36 0.00	195.73 16.10 0.00	167.27 13.96 0.00	198.85 15.73 -12.82	181.74 13.15 -27.05	149.75 11.07 -15.86
CPV_VALLEY__CC1 323721	152.78 3.02 0.00	146.99 2.69 -0.59	125.95 2.55 0.00	121.11 2.80 -4.29	126.31 2.50 -4.64	154.29 2.22 -25.30	150.78 2.61 -6.99	173.16 3.22 -4.36	202.19 3.34 -12.25	268.27 5.25 -2.49	198.71 4.60 1.76	177.93 4.16 0.32	164.33 4.16 1.44	158.37 4.11 1.39	156.34 4.18 0.11	196.68 3.64 0.00	159.93 3.70 1.20	179.63 4.29 0.00	182.11 3.99 0.00	183.33 3.70 0.00	157.37 4.06 0.00	177.04 3.56 -3.18	151.44 3.19 -6.71	129.63 2.87 -3.94
CPV_VALLEY__CC2 323722	152.78 3.02 0.00	146.99 2.69 -0.59	125.95 2.55 0.00	121.11 2.80 -4.29	126.31 2.50 -4.64	154.29 2.22 -25.30	150.78 2.61 -6.99	173.16 3.22 -4.36	202.19 3.34 -12.25	268.27 5.25 -2.49	198.71 4.60 1.76	177.93 4.16 0.32	164.33 4.16 1.44	158.37 4.11 1.39	156.34 4.18 0.11	196.68 3.64 0.00	159.93 3.70 1.20	179.63 4.29 0.00	182.11 3.99 0.00	183.33 3.70 0.00	157.37 4.06 0.00	177.04 3.56 -3.18	151.44 3.19 -6.71	129.63 2.87 -3.94
CRESCENT__HYD 24018	156.88 7.12 0.00	156.75 7.17 -5.87	129.66 6.26 0.00	162.83 5.92 -42.88	172.56 6.04 -47.35	390.13 6.09 -257.27	220.96 6.50 -73.29	226.73 7.63 -53.51	299.29 8.72 -103.97	286.32 12.31 -13.47	204.84 8.97 0.00	181.63 7.54 0.00	169.06 7.44 0.00	162.73 7.09 0.00	159.36 7.09 0.00	201.42 8.37 0.00	164.19 6.76 0.00	182.42 7.07 0.00	185.28 7.17 0.00	187.35 7.72 0.00	160.41 7.09 0.00	210.53 8.32 -31.90	215.70 6.86 -67.30	168.14 5.86 -39.47
CRICKET__VALLEY_CC1 323756	154.75 4.99 0.00	149.15 4.61 -0.83	127.62 4.21 0.00	124.38 4.28 -6.08	129.93 4.13 -6.63	166.66 3.79 -36.10	155.34 4.07 -10.09	177.27 4.98 -6.70	205.45 5.51 -13.35	268.74 8.40 0.19	200.82 7.03 2.09	179.90 6.09 0.28	166.55 6.22 1.29	160.35 5.95 1.24	158.15 5.98 0.10	198.31 5.27 0.00	161.22 4.86 1.07	180.93 5.60 0.00	183.50 5.39 0.00	185.04 5.41 0.00	159.34 6.03 0.00	180.72 5.91 -4.52	156.07 5.01 -9.53	132.81 4.41 -5.59
CRICKET__VALLEY_CC2 323757	154.75 4.99 0.00	149.15 4.61 -0.83	127.62 4.21 0.00	124.38 4.28 -6.08	129.93 4.13 -6.63	166.66 3.79 -36.10	155.34 4.07 -10.09	177.27 4.98 -6.70	205.45 5.51 -13.35	268.74 8.40 0.19	200.82 7.03 2.09	179.90 6.09 0.28	166.55 6.22 1.29	160.35 5.95 1.24	158.15 5.98 0.10	198.31 5.27 0.00	161.22 4.86 1.07	180.93 5.60 0.00	183.50 5.39 0.00	185.04 5.41 0.00	159.34 6.03 0.00	180.72 5.91 -4.52	156.07 5.01 -9.53	132.81 4.41 -5.59
CRICKET__VALLEY_CC3 323758	154.75 4.99 0.00	149.15 4.61 -0.83	127.62 4.21 0.00	124.38 4.28 -6.08	129.93 4.13 -6.63	166.66 3.79 -36.10	155.34 4.07 -10.09	177.27 4.98 -6.70	205.45 5.51 -13.35	268.74 8.40 0.19	200.82 7.03 2.09	179.90 6.09 0.28	166.55 6.22 1.29	160.35 5.95 1.24	158.15 5.98 0.10	198.31 5.27 0.00	161.22 4.86 1.07	180.93 5.60 0.00	183.50 5.39 0.00	185.04 5.41 0.00	159.34 6.03 0.00	180.72 5.91 -4.52	156.07 5.01 -9.53	132.81 4.41 -5.59
CRUCIBLE__METL_DRP 24180	146.75 -3.02 0.00	140.67 -3.04 0.00	120.74 -2.66 0.00	111.56 -2.46 0.00	116.50 -2.42 0.25	123.11 -2.56 1.09	137.76 -2.54 0.88	159.86 -3.10 2.63	179.76 -3.35 3.49	249.49 -4.98 6.06	186.11 -3.56 6.20	170.04 -3.21 0.84	154.83 -2.96 3.83	149.15 -2.82 3.68	149.02 -2.95 0.29	189.85 -3.19 0.00	151.40 -2.86 3.18	172.44 -2.90 0.00	175.18 -2.93 0.00	176.91 -2.72 0.00	150.56 -2.75 0.00	167.25 -3.05 0.00	138.75 -2.79 0.00	120.10 -2.72 0.00
DAHOWA__HYDRO 323763	160.78 11.01 0.00	161.61 10.87 -7.02	132.83 9.43 0.00	174.18 8.82 -51.34	185.05 9.21 -56.68	444.60 9.86 -307.98	240.01 11.11 -87.73	243.03 13.38 -64.06	327.31 15.30 -125.41	297.82 20.87 -16.41	210.70 14.83 0.00	186.50 12.41 0.00	173.34 11.72 0.00	166.72 11.07 0.00	163.92 11.65 0.00	207.85 14.80 0.00	169.53 12.10 0.00	189.01 13.67 0.00	191.96 13.85 0.00	194.12 14.49 0.00	165.75 12.44 0.00	222.60 14.11 -38.19	233.33 11.24 -80.56	179.44 9.37 -47.25
DANC__LFGE 323619	148.26 -1.50 0.00	142.36 -1.35 0.00	120.89 -2.52 0.00	111.04 -2.99 0.00	117.80 -1.37 0.00	126.14 -0.63 0.00	141.07 -0.10 0.00	166.01 0.43 0.00	187.30 0.71 0.00	261.11 0.58 0.00	196.16 0.29 0.00	173.36 -0.73 0.00	161.03 -0.59 0.00	155.18 -0.47 0.00	152.76 0.48 0.00	195.09 2.05 0.00	158.56 1.12 0.00	177.10 1.76 0.00	180.14 2.03 0.00	180.36 0.73 0.00	150.84 -2.47 0.00	166.10 -4.20 0.00	137.58 -3.96 0.00	119.26 -3.56 0.00
DANSKAMMER__1 23586	156.87 7.10 0.00	151.00 6.59 -0.70	129.29 5.88 0.00	124.98 5.86 -5.09	130.42 5.72 -5.54	162.57 5.64 -30.17	156.08 6.51 -8.40	178.97 7.95 -5.44	206.15 8.65 -10.90	272.59 12.65 0.58	203.80 10.10 2.17	182.83 9.03 0.30	169.06 8.78 1.34	162.91 8.56 1.29	160.79 8.63 0.10	202.11 9.06 0.00	164.53 8.21 1.11	184.75 9.41 0.00	187.29 9.17 0.00	188.60 8.97 0.00	161.90 8.59 0.00	182.55 8.47 -3.78	156.62 7.11 -7.98	133.65 6.16 -4.68
DANSKAMMER__2 23589	156.87 7.10 0.00	151.00 6.59 -0.70	129.29 5.88 0.00	124.98 5.86 -5.09	130.42 5.72 -5.54	162.57 5.64 -30.17	156.08 6.51 -8.40	178.97 7.95 -5.44	206.15 8.65 -10.90	272.59 12.65 0.58	203.80 10.10 2.17	182.83 9.03 0.30	169.06 8.78 1.34	162.91 8.56 1.29	160.79 8.63 0.10	202.11 9.06 0.00	164.53 8.21 1.11	184.75 9.41 0.00	187.29 9.17 0.00	188.60 8.97 0.00	161.90 8.59 0.00	182.55 8.47 -3.78	156.62 7.11 -7.98	133.65 6.16 -4.68
DANSKAMMER__3 23590	156.87 7.10 0.00	151.00 6.59 -0.70	129.29 5.88 0.00	124.98 5.86 -5.09	130.42 5.72 -5.54	162.57 5.64 -30.17	156.08 6.51 -8.40	178.97 7.95 -5.44	206.15 8.65 -10.90	272.59 12.65 0.58	203.80 10.10 2.17	182.83 9.03 0.30	169.06 8.78 1.34	162.91 8.56 1.29	160.79 8.63 0.10	202.11 9.06 0.00	164.53 8.21 1.11	184.75 9.41 0.00	187.29 9.17 0.00	188.60 8.97 0.00	161.90 8.59 0.00	182.55 8.47 -3.78	156.62 7.11 -7.98	133.65 6.16 -4.68

DANSKAMMER___4 23591	156.87 7.10 0.00	151.00 6.59 -0.70	129.29 5.88 0.00	124.98 5.86 -5.09	130.42 5.72 -5.54	162.57 5.64 -30.17	156.08 6.51 -8.40	178.97 7.95 -5.44	206.15 8.65 -10.90	272.59 12.65 0.58	203.80 10.10 2.17	182.83 9.03 0.30	169.06 8.78 1.34	162.91 8.56 1.29	160.79 8.63 0.10	202.11 9.06 0.00	164.53 8.21 1.11	184.75 9.41 0.00	187.29 9.17 0.00	188.60 8.97 0.00	161.90 8.59 0.00	182.55 8.47 -3.78	156.62 7.11 -7.98	133.65 6.16 -4.68
DANSKAMMER___DIESEL 23592	156.85 7.09 0.00	151.00 6.59 -0.70	129.28 5.88 0.00	124.98 5.86 -5.09	130.42 5.71 -5.54	162.56 5.62 -30.17	156.07 6.50 -8.40	179.00 7.98 -5.44	206.18 8.69 -10.90	272.61 12.67 0.58	203.85 10.15 2.17	182.91 9.11 0.30	169.11 8.83 1.34	162.96 8.60 1.29	160.81 8.64 0.10	202.20 9.16 0.00	164.58 8.25 1.11	184.77 9.44 0.00	187.33 9.22 0.00	188.65 9.02 0.00	161.91 8.59 0.00	182.62 8.54 -3.78	156.66 7.14 -7.98	133.66 6.17 -4.68
DARBY___SOLAR 323810	159.72 9.95 0.00	160.46 9.86 -6.88	131.95 8.55 0.00	172.36 8.01 -50.32	183.07 8.34 -55.56	437.50 8.84 -301.90	237.09 9.91 -86.00	240.28 11.90 -62.79	322.94 13.54 -122.81	295.06 18.48 -16.05	209.03 13.16 0.00	185.01 10.92 0.00	172.00 10.38 0.00	165.52 9.88 0.00	162.62 10.35 0.00	206.14 13.10 0.00	168.21 10.78 0.00	187.40 12.06 0.00	190.31 12.20 0.00	192.43 12.80 0.00	164.38 11.07 0.00	220.32 12.58 -37.44	230.58 10.07 -78.97	177.57 8.44 -46.32
DASHVILLE___HYD 23610	155.44 5.68 0.00	149.92 5.17 -1.04	128.14 4.74 0.00	126.19 4.59 -7.57	131.85 4.40 -8.28	176.00 4.17 -45.07	158.64 4.82 -12.65	180.22 6.08 -8.56	209.75 6.43 -16.72	270.64 9.93 -0.18	201.93 8.17 2.11	181.14 7.33 0.29	167.56 7.24 1.30	161.42 7.03 1.25	159.30 7.13 0.10	200.27 7.23 0.00	163.01 6.66 1.08	182.97 7.63 0.00	185.54 7.43 0.00	186.78 7.15 0.00	160.37 7.06 0.00	182.61 6.68 -5.63	159.01 5.60 -11.87	134.66 4.88 -6.96
DELAWARE___LFGE 323621	152.53 2.77 0.00	147.15 2.45 -0.98	125.59 2.19 0.00	123.44 2.21 -7.20	129.31 2.41 -7.73	171.57 2.56 -42.24	155.83 3.13 -11.52	175.79 3.57 -6.63	204.99 3.96 -14.44	263.23 5.85 3.15	194.91 4.62 5.58	177.53 4.19 0.76	162.26 4.09 3.45	156.28 3.94 3.31	155.75 3.74 0.26	197.38 4.33 0.00	158.10 3.53 2.86	179.45 4.12 0.00	182.25 4.14 0.00	183.70 4.07 0.00	157.12 3.81 0.00	179.58 3.95 -5.34	155.98 3.18 -11.26	131.94 2.52 -6.61
DERFIELD_115KV_TB7 355931	150.35 0.59 0.00	144.29 0.57 0.00	123.91 0.50 0.00	114.58 0.55 0.00	119.76 0.60 0.00	127.39 0.62 0.00	141.88 0.71 0.00	166.42 0.83 0.00	187.53 0.93 0.00	261.87 1.34 0.00	196.88 1.01 0.00	174.83 0.74 0.00	162.43 0.81 0.00	156.42 0.78 0.00	153.04 0.78 0.00	194.01 0.97 0.00	158.06 0.63 0.00	175.98 0.65 0.00	178.76 0.65 0.00	180.18 0.55 0.00	153.86 0.55 0.00	170.98 0.68 0.00	142.16 0.62 0.00	123.30 0.48 0.00
DOGLEVILLE___HYD 23807	159.48 9.71 0.00	153.28 9.57 0.00	131.59 8.18 0.00	122.04 8.02 0.00	127.72 8.55 0.00	136.51 9.74 0.00	152.63 11.45 0.00	179.44 13.85 0.00	201.61 15.01 0.00	280.08 19.55 0.00	209.46 13.59 0.00	184.91 10.81 0.00	171.88 10.26 0.00	164.56 8.91 0.00	162.17 9.90 0.00	207.91 14.87 0.00	169.83 12.39 0.00	189.33 13.99 0.00	192.23 14.11 0.00	194.45 14.82 0.00	166.39 13.08 0.00	185.59 15.30 0.00	153.70 12.16 0.00	132.90 10.08 0.00
DUNKIRK___115KV_TB_200 55889	141.12 -8.65 0.00	135.96 -7.75 0.00	116.10 -7.31 0.00	105.45 -8.57 0.00	110.59 -8.14 0.44	115.40 -9.41 1.96	129.50 -10.10 1.57	147.06 -13.84 4.69	165.98 -14.38 6.24	228.05 -21.66 10.82	167.79 -17.01 11.07	156.46 -16.13 1.50	138.53 -16.25 6.84	133.56 -15.51 6.57	135.76 -15.98 0.52	177.48 -15.56 0.00	135.82 -15.94 5.68	158.29 -17.05 0.00	161.19 -16.93 0.00	164.93 -14.69 0.00	138.87 -14.45 0.00	155.94 -14.35 0.00	129.72 -11.82 0.00	111.74 -11.08 0.00
DUNKIRK___1 23563	141.12 -8.65 0.00	135.96 -7.75 0.00	116.10 -7.31 0.00	105.45 -8.57 0.00	110.59 -8.14 0.44	115.40 -9.41 1.96	129.50 -10.10 1.57	147.06 -13.84 4.69	165.98 -14.38 6.24	228.05 -21.66 10.82	167.79 -17.01 11.07	156.46 -16.13 1.50	138.53 -16.25 6.84	133.56 -15.51 6.57	135.76 -15.98 0.52	177.48 -15.56 0.00	135.82 -15.94 5.68	158.29 -17.05 0.00	161.19 -16.93 0.00	164.93 -14.69 0.00	138.87 -14.45 0.00	155.94 -14.35 0.00	129.72 -11.82 0.00	111.74 -11.08 0.00
DUNKIRK___2 23564	141.12 -8.65 0.00	135.96 -7.75 0.00	116.10 -7.31 0.00	105.45 -8.57 0.00	110.59 -8.14 0.44	115.40 -9.41 1.96	129.50 -10.10 1.57	147.06 -13.84 4.69	165.98 -14.38 6.24	228.05 -21.66 10.82	167.79 -17.01 11.07	156.46 -16.13 1.50	138.53 -16.25 6.84	133.56 -15.51 6.57	135.76 -15.98 0.52	177.48 -15.56 0.00	135.82 -15.94 5.68	158.29 -17.05 0.00	161.19 -16.93 0.00	164.93 -14.69 0.00	138.87 -14.45 0.00	155.94 -14.35 0.00	129.72 -11.82 0.00	111.74 -11.08 0.00
DUNKIRK___3 23565	140.53 -9.23 0.00	135.34 -8.37 0.00	115.64 -7.76 0.00	105.24 -8.78 0.00	110.30 -8.42 0.44	114.97 -9.84 1.96	128.60 -11.01 1.57	146.26 -14.64 4.69	164.95 -15.41 6.23	226.59 -23.12 10.82	167.12 -17.67 11.08	156.14 -16.45 1.51	138.37 -16.41 6.84	133.31 -15.76 6.57	135.56 -16.19 0.52	176.99 -16.06 0.00	135.56 -16.19 5.68	157.98 -17.36 0.00	160.92 -17.20 0.00	164.57 -15.06 0.00	138.43 -14.88 0.00	155.54 -14.76 0.00	129.52 -12.01 0.00	111.63 -11.18 0.00
DUNKIRK___4 23566	140.53 -9.23 0.00	135.34 -8.37 0.00	115.64 -7.76 0.00	105.24 -8.78 0.00	110.30 -8.42 0.44	114.97 -9.84 1.96	128.60 -11.01 1.57	146.26 -14.64 4.69	164.95 -15.41 6.23	226.59 -23.12 10.82	167.12 -17.67 11.08	156.14 -16.45 1.51	138.37 -16.41 6.84	133.31 -15.76 6.57	135.56 -16.19 0.52	176.99 -16.06 0.00	135.56 -16.19 5.68	157.98 -17.36 0.00	160.92 -17.20 0.00	164.57 -15.06 0.00	138.43 -14.88 0.00	155.54 -14.76 0.00	129.52 -12.01 0.00	111.63 -11.18 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	155.89 6.13 0.00	150.06 5.67 -0.68	128.51 5.11 0.00	124.25 5.23 -4.99	129.60 5.00 -5.43	161.16 4.82 -29.57	154.95 5.54 -8.23	177.73 6.83 -5.32	204.63 7.36 -10.68	271.00 11.07 0.61	202.93 9.22 2.16	182.11 8.31 0.30	168.44 8.16 1.34	162.35 7.99 1.29	160.20 8.03 0.10	201.15 8.10 0.00	163.92 7.60 1.11	183.85 8.51 0.00	186.29 8.18 0.00	187.39 7.76 0.00	161.02 7.71 0.00	181.36 7.36 -3.71	155.75 6.40 -7.82	133.05 5.65 -4.59
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	155.28 5.52 0.00	149.44 5.05 -0.68	127.99 4.58 0.00	123.63 4.66 -4.95	129.01 4.47 -5.38	160.37 4.28 -29.32	154.33 5.00 -8.15	176.99 6.16 -5.24	203.77 6.64 -10.54	269.68 9.82 0.67	201.66 8.00 2.21	181.03 7.24 0.30	167.35 7.09 1.36	161.27 6.94 1.31	159.13 6.97 0.10	200.10 7.05 0.00	162.89 6.59 1.13	182.92 7.58 0.00	185.42 7.30 0.00	186.69 7.06 0.00	160.22 6.91 0.00	180.60 6.62 -3.68	155.00 5.71 -7.76	132.30 4.93 -4.55
E179THST_138_KV_TB4_REV_LBMP_J 345001	155.55 5.79 0.00	149.97 5.58 -0.68	128.30 4.89 0.00	123.98 4.97 -4.99	129.31 4.72 -5.43	160.80 4.46 -29.57	154.63 5.23 -8.23	177.62 6.73 -5.32	204.41 7.14 -10.68	270.59 10.66 0.61	202.99 9.28 2.16	182.25 8.45 0.30	168.60 8.32 1.34	162.26 7.89 1.29	160.36 8.19 0.10	201.15 8.11 0.00	163.95 7.62 1.11	184.18 8.84 0.00	185.87 7.76 0.00	186.71 7.08 0.00	160.74 7.42 0.00	180.58 6.57 -3.71	155.74 6.38 -7.82	133.22 5.81 -4.59

E179THST_13_KV_LOAD 356214	156.33 6.56 0.00	150.67 6.27 -0.68	128.88 5.48 0.00	124.48 5.46 -4.99	129.84 5.25 -5.43	161.39 5.05 -29.57	155.35 5.95 -8.23	178.50 7.60 -5.32	205.42 8.15 -10.68	272.03 12.11 0.61	204.12 10.41 2.16	183.23 9.43 0.30	169.54 9.26 1.34	163.15 8.79 1.29	161.19 9.02 0.10	202.29 9.24 0.00	164.89 8.57 1.11	185.23 9.89 0.00	186.88 8.77 0.00	187.84 8.21 0.00	161.66 8.34 0.00	181.57 7.57 -3.71	156.48 7.12 -7.82	133.87 6.47 -4.59
EAST HAMPTON___GT 23717	126.84 3.03 25.96	128.28 2.69 18.12	126.48 3.20 0.12	123.75 4.73 -5.00	128.56 3.97 -5.43	129.51 2.51 -0.23	139.61 4.12 5.69	168.18 3.85 1.25	197.30 4.42 -6.28	366.63 21.23 -84.87	220.63 17.67 -7.09	186.98 13.19 0.30	173.36 13.08 1.34	167.19 12.83 1.29	166.58 14.41 0.10	204.61 11.57 0.01	170.80 12.50 -0.87	188.40 12.58 -0.48	201.41 14.77 -8.53	196.95 17.31 0.00	170.85 15.12 -2.42	185.72 11.72 -3.71	210.35 10.06 -58.76	151.41 11.05 -17.54
EAST RIVER___6 23660	156.07 6.30 0.00	150.09 5.70 -0.68	128.46 5.06 0.00	124.15 5.13 -4.99	129.52 4.92 -5.43	161.27 4.93 -29.57	155.12 5.72 -8.23	178.09 7.19 -5.32	205.02 7.74 -10.68	271.73 11.81 0.61	203.58 9.87 2.16	182.63 8.83 0.30	168.98 8.70 1.34	162.85 8.48 1.29	160.87 8.70 0.10	201.82 8.78 0.00	164.48 8.16 1.11	184.51 9.17 0.00	186.67 8.56 0.00	187.64 8.01 0.00	161.27 7.96 0.00	181.53 7.52 -3.71	155.96 6.60 -7.82	133.23 5.83 -4.59
EAST RIVER___7 23524	156.07 6.30 0.00	150.09 5.70 -0.68	128.46 5.06 0.00	124.15 5.13 -4.99	129.52 4.92 -5.43	161.27 4.93 -29.57	155.12 5.72 -8.23	178.09 7.19 -5.32	205.02 7.74 -10.68	271.73 11.81 0.61	203.58 9.87 2.16	182.63 8.83 0.30	168.98 8.70 1.34	162.85 8.48 1.29	160.87 8.70 0.10	201.82 8.78 0.00	164.48 8.16 1.11	184.51 9.17 0.00	186.67 8.56 0.00	187.64 8.01 0.00	161.27 7.96 0.00	181.53 7.52 -3.71	155.96 6.60 -7.82	133.23 5.83 -4.59
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	155.50 5.74 0.00	149.66 5.27 -0.68	128.17 4.77 0.00	123.94 4.94 -4.98	129.26 4.68 -5.42	160.76 4.47 -29.51	154.57 5.18 -8.21	177.29 6.40 -5.30	204.10 6.85 -10.66	270.22 10.31 0.61	202.35 8.65 2.17	181.59 7.79 0.30	167.94 7.66 1.34	161.87 7.51 1.29	159.72 7.55 0.10	200.55 7.51 0.00	163.38 7.05 1.11	183.29 7.96 0.00	185.74 7.63 0.00	186.91 7.28 0.00	160.57 7.25 0.00	180.86 6.86 -3.70	155.35 6.01 -7.81	132.71 5.31 -4.58
EAST_HAMPTON___DIESEL 23722	126.38 2.57 25.96	127.84 2.25 18.12	126.10 2.81 0.12	123.41 4.39 -5.00	128.19 3.60 -5.43	129.13 2.13 -0.23	139.16 3.67 5.69	167.68 3.35 1.25	196.74 3.87 -6.28	366.92 21.53 -84.87	220.74 17.78 -7.09	187.10 13.30 0.30	173.45 13.17 1.34	167.26 12.90 1.29	166.58 14.41 0.10	204.67 11.63 0.01	170.82 12.51 -0.87	188.41 12.59 -0.48	201.44 14.88 -8.53	196.93 17.30 0.00	170.86 15.13 -2.42	185.74 11.73 -3.71	210.46 10.17 -58.76	151.46 11.11 -17.54
EAST_POINT___SOLAR 323840	155.90 6.14 0.00	156.40 5.74 -6.95	128.24 4.83 0.00	169.23 4.43 -50.78	180.21 5.07 -55.97	437.24 6.24 -304.24	235.33 7.70 -86.45	237.47 9.49 -62.39	319.65 9.47 -123.57	285.16 10.40 -14.23	199.07 5.50 2.30	178.63 4.85 0.31	165.51 5.32 1.42	158.45 4.17 1.37	157.01 4.85 0.11	202.39 9.35 0.00	165.02 8.77 1.18	185.62 10.28 0.00	188.47 10.36 0.00	189.64 10.01 0.00	161.59 8.28 0.00	216.91 8.83 -37.78	227.92 6.70 -79.68	174.85 5.30 -46.73
EAST_PULASKI___ESR 323781	146.06 -3.70 0.00	140.16 -3.55 0.00	119.81 -3.60 0.00	110.41 -3.61 0.00	116.30 -2.98 -0.11	124.42 -2.83 -0.48	138.64 -2.92 -0.39	163.42 -3.33 -1.16	184.63 -3.50 -1.54	258.02 -5.18 -2.67	194.86 -3.74 -2.74	170.74 -3.73 -0.37	159.84 -3.47 -1.69	154.01 -3.26 -1.62	149.55 -2.85 -0.13	190.25 -2.80 0.00	155.99 -2.84 -1.40	172.51 -2.83 0.00	175.39 -2.73 0.00	176.43 -3.20 0.00	149.24 -4.07 0.00	165.31 -4.99 0.00	137.08 -4.45 0.00	118.74 -4.08 0.00
EAST_RIVER___1 323558	156.20 6.44 0.00	150.24 5.85 -0.68	128.59 5.19 0.00	124.30 5.29 -4.99	129.68 5.08 -5.43	161.34 5.00 -29.57	155.22 5.81 -8.23	178.20 7.30 -5.32	205.02 7.74 -10.68	271.68 11.76 0.61	203.58 9.87 2.16	182.66 8.86 0.30	168.97 8.69 1.34	162.82 8.46 1.29	160.79 8.62 0.10	201.78 8.73 0.00	164.38 8.05 1.11	184.39 9.05 0.00	186.61 8.50 0.00	187.52 7.89 0.00	161.25 7.93 0.00	181.52 7.51 -3.71	155.96 6.60 -7.82	133.30 5.90 -4.59
EAST_RIVER___2 323559	156.07 6.30 0.00	150.09 5.70 -0.68	128.46 5.06 0.00	124.15 5.13 -4.99	129.52 4.92 -5.43	161.27 4.93 -29.57	155.12 5.72 -8.23	178.09 7.19 -5.32	205.02 7.74 -10.68	271.73 11.81 0.61	203.58 9.87 2.16	182.63 8.83 0.30	168.98 8.70 1.34	162.85 8.48 1.29	160.87 8.70 0.10	201.82 8.78 0.00	164.48 8.16 1.11	184.51 9.17 0.00	186.67 8.56 0.00	187.64 8.01 0.00	161.27 7.96 0.00	181.53 7.52 -3.71	155.96 6.60 -7.82	133.23 5.83 -4.59
EAST___DELAWARE_HYD 23607	153.05 3.28 0.00	147.28 2.86 -0.71	126.12 2.72 0.00	122.11 2.87 -5.22	127.63 2.79 -5.67	160.30 2.66 -30.88	153.11 3.34 -8.59	175.49 4.36 -5.54	202.28 4.58 -11.10	266.63 6.76 0.66	199.04 5.45 2.28	178.82 5.04 0.31	165.14 4.93 1.41	159.14 4.84 1.35	157.17 5.00 0.11	197.77 4.73 0.00	161.03 4.76 1.17	181.06 5.72 0.00	183.48 5.36 0.00	184.76 5.12 0.00	158.42 5.11 0.00	178.68 4.51 -3.87	153.41 3.71 -8.17	130.63 3.02 -4.79
EIGHT_POINT___WT_PWR 323820	137.69 -12.07 0.00	130.82 -13.08 -0.19	112.52 -10.88 0.00	105.07 -10.33 -1.38	112.56 -7.70 -1.09	124.59 -8.55 -6.38	133.02 -9.00 -0.84	151.50 -11.30 2.79	183.36 -13.41 -10.18	245.52 -18.22 -3.21	176.34 -11.03 8.50	162.50 -10.14 1.45	145.26 -9.75 6.60	139.23 -10.07 6.34	141.62 -10.15 0.51	183.43 -9.61 0.00	142.15 -9.81 5.48	165.77 -9.25 0.31	165.93 -7.95 4.23	162.20 -7.66 9.78	140.74 -11.35 1.23	153.34 -11.54 5.41	130.37 -9.35 1.81	112.47 -8.58 1.76
ELBRIDGE_115KV_TB2 80188	145.92 -3.84 0.00	139.86 -3.86 0.00	120.08 -3.32 0.00	110.81 -3.21 0.00	115.76 -3.16 0.25	122.28 -3.39 1.09	136.78 -3.52 0.88	158.69 -4.27 2.62	178.56 -4.56 3.48	247.85 -6.64 6.03	184.90 -4.79 6.18	168.95 -4.31 0.84	153.82 -3.99 3.82	148.18 -3.80 3.67	147.93 -4.05 0.29	188.60 -4.45 0.00	150.41 -3.85 3.17	171.37 -3.97 0.00	173.95 -4.17 0.00	175.82 -3.81 0.00	149.68 -3.64 0.00	166.27 -4.03 0.00	137.99 -3.55 0.00	119.47 -3.35 0.00
ELEC_TRO_TEK 24086	150.48 4.54 3.83	145.68 4.24 2.27	127.60 4.22 0.02	124.02 5.01 -5.00	128.90 4.31 -5.43	154.99 3.25 -24.97	151.25 4.03 -6.04	173.11 3.98 -3.54	199.66 4.20 -8.86	267.46 7.54 0.60	200.82 7.11 2.16	180.20 6.40 0.29	167.13 6.85 1.34	160.91 6.54 1.28	159.04 6.87 0.10	199.21 6.16 0.00	163.37 7.05 1.11	182.58 7.45 0.21	185.56 7.45 0.00	186.64 7.01 0.00	160.44 7.12 0.00	179.86 5.86 -3.71	154.55 5.20 -7.82	132.12 4.71 -4.59
ELLENBURG_WT_PWR 323604	150.63 0.87 0.00	144.29 0.58 0.00	123.81 0.41 0.00	114.06 0.04 0.00	119.02 -0.14 0.00	127.72 0.95 0.00	142.17 1.00 0.00	167.20 1.61 0.00	188.72 2.13 0.00	263.51 2.98 0.00	197.78 1.91 0.00	175.75 1.65 0.00	162.48 0.87 0.00	156.51 0.87 0.00	152.97 0.70 0.00	194.88 1.83 0.00	158.98 1.55 0.00	176.99 1.65 0.00	180.46 2.35 0.00	181.76 2.13 0.00	154.51 1.19 0.00	171.68 1.39 0.00	142.07 0.53 0.00	123.24 0.42 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	138.53 -11.23 0.00	133.30 -10.42 0.00	114.13 -9.27 0.00	104.24 -9.78 0.00	108.85 -9.87 0.45	113.09 -11.71 1.97	124.82 -14.77 1.58	142.57 -18.28 4.73	160.50 -19.82 6.28	220.64 -28.98 10.91	163.66 -21.04 11.17	153.51 -19.07 1.52	135.95 -18.77 6.89	130.89 -18.13 6.63	133.09 -18.65 0.53	173.44 -19.61 0.00	133.14 -18.57 5.73	155.54 -19.80 0.00	158.45 -19.66 0.00	162.08 -17.55 0.00	136.04 -17.28 0.00	153.10 -17.20 0.00	127.93 -13.61 0.00	110.48 -12.34 0.00
EMPIRE_CC_1 323656	155.99 6.23 0.00	151.81 6.33 -1.77	128.99 5.58 0.00	132.31 5.36 -12.92	138.73 5.36 -14.20	209.15 5.14 -77.24	168.25 5.24 -21.84	186.97 6.01 -15.37	223.44 6.85 -30.00	272.73 9.99 -2.22	201.47 7.39 1.79	180.08 6.23 0.24	166.80 6.29 1.10	160.62 6.04 1.06	157.96 5.77 0.08	199.53 6.49 0.00	161.17 4.65 0.91	179.62 4.29 0.00	182.41 4.30 0.00	184.26 4.63 0.00	158.13 4.81 0.00	186.58 6.67 -9.61	167.54 5.73 -20.28	139.71 5.01 -11.89
EMPIRE_CC_2 323658	155.99 6.23 0.00	151.81 6.33 -1.77	128.99 5.58 0.00	132.31 5.36 -12.92	138.73 5.36 -14.20	209.15 5.14 -77.24	168.25 5.24 -21.84	186.97 6.01 -15.37	223.44 6.85 -30.00	272.73 9.99 -2.22	201.47 7.39 1.79	180.08 6.23 0.24	166.80 6.29 1.10	160.62 6.04 1.06	157.96 5.77 0.08	199.53 6.49 0.00	161.17 4.65 0.91	179.62 4.29 0.00	182.41 4.30 0.00	184.26 4.63 0.00	158.13 4.81 0.00	186.58 6.67 -9.61	167.54 5.73 -20.28	139.71 5.01 -11.89
ENORWICH_115KV_TB1 80156	154.98 5.22 0.00	147.31 3.14 -0.46	126.98 3.57 0.00	121.33 3.95 -3.36	128.52 6.00 -3.35	153.08 7.72 -18.59	155.93 10.26 -4.49	178.39 12.37 -0.44	203.92 14.14 -3.18	271.09 18.15 7.59	199.95 12.95 8.87	184.55 11.66 1.20	167.46 11.32 5.47	161.36 10.98 5.26	162.08 10.23 0.42	205.25 12.21 0.00	163.53 10.64 4.55	189.14 13.80 0.00	192.30 14.19 0.00	193.94 14.31 0.00	165.56 12.25 0.00	186.27 13.50 -2.47	156.92 10.18 -5.20	133.57 7.71 -3.05
ERIE_ST__34_KV_TB1-2 80199	142.01 -7.75 0.00	136.72 -6.99 0.00	117.08 -6.32 0.00	106.86 -7.17 0.00	111.75 -6.97 0.44	116.27 -8.53 1.96	128.52 -11.09 1.57	147.58 -13.42 4.59	166.69 -13.80 6.11	229.02 -20.88 10.63	169.97 -14.87 11.03	159.09 -13.50 1.51	141.26 -13.50 6.86	135.95 -13.11 6.59	137.89 -13.85 0.53	179.79 -13.26 0.00	138.06 -13.68 5.69	164.31 -14.50 -3.47	165.93 -14.09 -1.91	167.97 -11.78 -0.12	140.52 -12.80 0.00	158.06 -12.24 0.00	132.02 -9.51 0.00	113.77 -9.04 0.00
ERIE_WT_PWR 323693	122.96 -9.95 16.86	134.65 -9.06 0.00	115.25 -8.15 0.00	104.23 -8.77 1.02	92.44 -8.81 17.92	49.93 -10.51 66.33	116.35 -13.48 11.35	79.25 -17.52 70.10	117.40 -25.80 51.68	176.87 -18.55 57.86	121.42 -16.73 55.90	111.68 -16.54 45.68	102.25 -16.18 42.82	104.26 -16.91 35.20	126.56 -16.85 8.80	67.03 -16.53 109.16	135.20 -17.64 5.71	156.42 -17.37 1.28	110.28 -14.85 50.46	44.70 -15.77 120.08	122.45 -15.25 15.09	76.13 -11.92 78.92	81.14 -11.08 48.48	74.72 37.02
ESPRGFLD_115KV_TB1 80157	149.96 0.20 0.00	148.33 -0.31 -4.93	123.04 -0.36 0.00	149.74 -0.32 -36.03	158.88 0.07 -39.65	343.14 0.78 -215.60	203.92 1.63 -61.11	211.46 2.34 -43.54	275.72 2.45 -86.67	272.57 3.65 -8.39	195.14 2.64 3.37	176.10 2.47 0.46	161.80 2.26 2.08	155.69 2.04 2.00	154.17 2.06 0.16	196.18 3.14 0.00	158.50 2.80 1.73	178.66 3.33 0.00	181.38 3.27 0.00	182.49 2.86 0.00	155.69 2.38 0.00	199.20 2.10 -26.80	199.38 1.31 -56.54	156.70 0.73 -33.16
ETNA_115_KV_TB1_REV_LBMP_C 345029	149.88 0.11 0.00	143.68 -0.25 -0.22	123.19 -0.22 0.00	115.37 -0.27 -1.62	120.84 0.29 -1.38	135.07 0.40 -7.90	143.62 1.13 -1.31	164.49 1.25 2.35	186.21 1.49 1.88	252.36 1.41 9.57	186.94 1.40 10.33	173.82 1.13 1.40	156.30 1.07 6.38	150.51 0.99 6.13	152.48 0.69 0.49	194.79 1.75 0.00	153.27 1.13 5.30	177.20 1.86 0.00	180.29 2.17 0.00	182.18 2.55 0.00	154.83 1.52 0.00	173.10 1.64 -1.17	144.93 0.94 -2.46	124.57 0.31 -1.44
ETNA____115KV_TB2 80207	149.88 0.11 0.00	143.68 -0.25 -0.22	123.19 -0.22 0.00	115.37 -0.27 -1.62	120.84 0.29 -1.38	135.07 0.40 -7.90	143.62 1.13 -1.31	164.49 1.25 2.35	186.21 1.49 1.88	252.36 1.41 9.57	186.94 1.40 10.33	173.82 1.13 1.40	156.30 1.07 6.38	150.51 0.99 6.13	152.48 0.69 0.49	194.79 1.75 0.00	153.27 1.13 5.30	177.20 1.86 0.00	180.29 2.17 0.00	182.18 2.55 0.00	154.83 1.52 0.00	173.10 1.64 -1.17	144.93 0.94 -2.46	124.57 0.31 -1.44
EUCLID____115KV_TB2 356179	145.15 -4.62 0.00	139.20 -4.52 0.00	119.47 -3.93 0.00	110.36 -3.66 0.00	115.14 -3.65 0.38	121.13 -3.95 1.69	135.53 -4.29 1.36	156.42 -5.11 4.05	175.54 -5.68 5.38	243.02 -8.17 9.34	180.39 -5.91 9.57	167.45 -5.34 1.30	150.73 -4.98 5.91	145.26 -4.71 5.68	147.06 -4.76 0.45	187.48 -5.56 0.00	147.65 -4.88 4.91	170.01 -5.32 0.00	172.86 -5.25 0.00	174.53 -5.10 0.00	148.58 -4.73 0.00	165.06 -5.23 0.00	137.01 -4.53 0.00	118.69 -4.13 0.00
E_CANADA_CAP_HY 24051	152.00 0.77 -1.47	150.59 0.48 -6.39	123.68 0.28 0.00	161.04 0.17 -46.85	172.73 0.52 -53.04	413.73 1.32 -285.64	223.50 1.94 -80.39	231.28 2.76 -62.94	306.73 2.79 -117.35	280.88 3.73 -16.62	199.24 2.07 -1.29	179.24 1.64 -3.51	164.72 1.56 -1.54	157.71 1.10 -0.96	154.35 1.48 -0.60	206.10 3.53 -9.53	159.24 3.14 1.33	179.15 3.50 -0.32	185.64 3.23 -4.29	192.40 2.81 -9.95	156.89 2.33 -1.25	213.98 2.37 -41.32	220.59 1.68 -77.38	170.03 1.12 -46.09
E_CANADA_MHWK_HY 24050	159.48 9.71 0.00	153.28 9.57 0.00	131.59 8.18 0.00	122.04 8.02 0.00	127.72 8.55 0.00	136.51 9.75 0.00	152.64 11.46 0.00	179.45 13.86 0.00	201.61 15.01 0.00	280.10 19.57 0.00	209.47 13.60 0.00	184.92 10.83 0.00	171.90 10.28 0.00	164.56 8.91 0.00	162.17 9.90 0.00	207.92 14.87 0.00	169.83 12.39 0.00	189.35 14.01 0.00	192.27 14.16 0.00	194.44 14.81 0.00	166.39 13.08 0.00	185.59 15.30 0.00	153.70 12.16 0.00	132.90 10.08 0.00
E_FISHKILL___LBMP 23776	154.86 5.09 0.00	149.14 4.73 -0.69	127.75 4.35 0.00	123.55 4.44 -5.08	128.90 4.21 -5.52	160.83 3.95 -30.12	153.96 4.40 -8.38	176.51 5.48 -5.44	203.35 5.84 -10.91	268.77 8.79 0.55	201.11 7.38 2.14	180.41 6.60 0.29	166.88 6.58 1.32	160.76 6.38 1.27	158.58 6.42 0.10	199.18 6.14 0.00	162.14 5.80 1.10	181.86 6.52 0.00	184.37 6.25 0.00	185.67 6.04 0.00	159.54 6.23 0.00	180.04 5.97 -3.78	154.71 5.21 -7.96	132.10 4.61 -4.67
FALCON___SEABRD_CC1 323796	153.02 3.26 0.00	146.71 2.99 0.00	125.88 2.48 0.00	115.96 1.94 0.00	120.64 1.47 0.00	129.21 2.44 0.00	143.87 2.69 0.00	169.26 3.67 0.00	191.15 4.55 0.00	266.27 5.75 0.00	199.74 3.87 0.00	177.44 3.35 0.00	164.04 2.42 0.00	158.23 2.59 0.00	154.74 2.47 0.00	196.72 3.68 0.00	159.68 2.25 0.00	177.32 1.98 0.00	181.54 3.43 0.00	182.98 3.35 0.00	155.72 2.41 0.00	173.66 3.36 0.00	143.65 2.11 0.00	124.51 1.69 0.00
FALCON___SEABRD_CC2 323797	153.02 3.26 0.00	146.71 2.99 0.00	125.88 2.48 0.00	115.96 1.94 0.00	120.64 1.47 0.00	129.21 2.44 0.00	143.87 2.69 0.00	169.26 3.67 0.00	191.15 4.55 0.00	266.27 5.75 0.00	199.74 3.87 0.00	177.44 3.35 0.00	164.04 2.42 0.00	158.23 2.59 0.00	154.74 2.47 0.00	196.72 3.68 0.00	159.68 2.25 0.00	177.32 1.98 0.00	181.54 3.43 0.00	182.98 3.35 0.00	155.72 2.41 0.00	173.66 3.36 0.00	143.65 2.11 0.00	124.51 1.69 0.00

FAR ROCKAWAY___4 23548	156.63 6.86 0.00	150.79 6.40 -0.68	129.46 6.06 0.00	125.74 6.73 -5.00	130.72 6.13 -5.43	161.51 5.16 -29.58	155.76 6.36 -8.23	176.52 6.54 -4.40	203.46 7.12 -9.74	271.64 11.71 0.60	204.07 10.36 2.16	183.08 9.29 0.29	169.86 9.58 1.34	163.51 9.15 1.28	161.60 9.43 0.10	202.52 9.47 0.00	166.21 9.89 1.11	186.05 10.71 0.00	188.95 10.84 0.00	190.13 10.50 0.00	163.27 9.96 0.00	182.83 8.82 -3.71	156.95 7.59 -7.82	134.11 6.70 -4.59
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	156.30 6.54 0.00	150.36 5.96 -0.68	128.73 5.32 0.00	124.43 5.41 -4.99	129.78 5.18 -5.43	161.45 5.11 -29.57	155.32 5.92 -8.23	178.30 7.40 -5.32	205.20 7.93 -10.68	271.83 11.91 0.61	203.69 9.99 2.16	182.77 8.97 0.30	169.07 8.79 1.34	162.91 8.55 1.29	160.85 8.68 0.10	201.87 8.82 0.00	164.47 8.14 1.11	184.50 9.16 0.00	186.75 8.64 0.00	187.69 8.06 0.00	161.30 7.99 0.00	181.68 7.68 -3.71	156.12 6.76 -7.82	133.44 6.03 -4.59
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	156.43 6.66 0.00	150.50 6.11 -0.68	128.85 5.45 0.00	124.53 5.51 -4.99	129.91 5.31 -5.43	161.57 5.24 -29.57	155.47 6.06 -8.23	178.52 7.62 -5.32	205.39 8.11 -10.68	272.10 12.18 0.61	203.89 10.18 2.16	182.94 9.14 0.30	169.24 8.95 1.34	163.07 8.71 1.29	161.01 8.84 0.10	202.06 9.01 0.00	164.64 8.32 1.11	184.67 9.33 0.00	186.96 8.85 0.00	187.88 8.25 0.00	161.51 8.19 0.00	181.87 7.86 -3.71	156.27 6.91 -7.82	133.56 6.16 -4.59
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	156.23 6.46 0.00	150.31 5.91 -0.68	128.68 5.27 0.00	124.38 5.36 -4.99	129.75 5.15 -5.43	161.41 5.07 -29.57	155.27 5.87 -8.23	178.25 7.35 -5.32	205.11 7.83 -10.68	271.76 11.84 0.61	203.66 9.95 2.16	182.75 8.95 0.30	169.02 8.73 1.34	162.87 8.50 1.29	160.79 8.62 0.10	201.83 8.79 0.00	164.40 8.08 1.11	184.45 9.11 0.00	186.66 8.55 0.00	187.62 7.99 0.00	161.25 7.94 0.00	181.58 7.57 -3.71	156.09 6.73 -7.82	133.37 5.96 -4.59
FARRAGUT___LBMP 323566	156.15 6.39 0.00	150.19 5.80 -0.68	128.58 5.18 0.00	124.30 5.29 -4.99	129.65 5.05 -5.43	161.31 4.97 -29.57	155.15 5.74 -8.23	178.09 7.19 -5.32	204.93 7.65 -10.68	271.45 11.53 0.61	203.43 9.73 2.16	182.58 8.78 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.64 8.47 0.10	201.61 8.57 0.00	164.24 7.92 1.11	184.27 8.93 0.00	186.48 8.37 0.00	187.44 7.81 0.00	161.11 7.80 0.00	181.41 7.40 -3.71	155.96 6.60 -7.82	133.27 5.87 -4.59
FENNER___WINDPWR 24204	152.58 1.42 -1.39	145.41 1.69 0.00	124.95 1.54 0.00	115.65 1.55 -0.08	122.28 2.00 -1.11	133.06 2.46 -3.84	144.09 3.28 0.36	171.59 4.11 -1.89	190.46 4.72 0.86	262.53 6.14 4.14	196.06 4.74 4.55	180.55 3.93 -2.53	162.92 3.42 2.12	156.45 3.34 2.53	155.73 3.16 -0.29	206.61 4.54 -9.02	156.51 3.31 4.23	179.29 3.96 0.00	181.96 3.85 0.00	183.33 3.70 0.00	155.73 2.42 0.00	172.81 2.51 0.00	143.31 1.77 0.00	123.99 1.18 0.00
FIBERTEK___ENERGY 23856	146.75 -3.02 0.00	140.67 -3.04 0.00	120.74 -2.66 0.00	111.56 -2.46 0.00	116.50 -2.42 0.25	123.11 -2.56 1.09	137.76 -2.54 0.88	159.86 -3.10 2.63	179.76 -3.35 3.49	249.49 -4.98 6.06	186.11 -3.56 6.20	170.04 -3.21 0.84	154.83 -2.96 3.83	149.15 -2.82 3.68	149.02 -2.95 0.29	189.85 -3.19 0.00	151.40 -2.86 3.18	172.44 -2.90 0.00	175.18 -2.93 0.00	176.91 -2.72 0.00	150.56 -2.75 0.00	167.25 -3.05 0.00	138.75 -2.79 0.00	120.10 -2.72 0.00
FITZPATRICK___ 23598	143.19 -6.57 0.00	137.37 -6.34 0.00	117.90 -5.50 0.00	108.90 -5.13 0.00	113.95 -5.22 0.00	121.17 -5.59 0.00	135.01 -6.16 0.00	158.31 -7.28 0.00	178.44 -8.16 0.00	249.00 -11.52 0.00	187.30 -8.57 0.00	166.45 -7.64 0.00	154.49 -7.13 0.00	148.80 -6.85 0.00	145.48 -6.79 0.00	184.84 -8.20 0.00	150.48 -6.95 0.00	167.74 -7.60 0.00	170.42 -7.69 0.00	172.00 -7.63 0.00	146.50 -6.81 0.00	162.84 -7.45 0.00	135.24 -6.30 0.00	117.20 -5.61 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	157.26 7.50 0.00	151.34 6.94 -0.70	129.62 6.22 0.00	125.29 6.16 -5.10	130.74 6.03 -5.54	163.00 6.01 -30.22	156.47 6.88 -8.41	179.53 8.49 -5.45	206.77 9.25 -10.93	273.44 13.49 0.58	204.45 10.74 2.16	183.44 9.63 0.29	169.60 9.32 1.33	163.44 9.08 1.28	161.29 9.13 0.10	202.78 9.74 0.00	165.06 8.74 1.11	185.30 9.96 0.00	187.90 9.79 0.00	189.22 9.59 0.00	162.37 9.05 0.00	183.14 9.05 -3.79	157.08 7.56 -7.99	134.00 6.50 -4.69
FORT ORANGE___ 23900	155.26 5.50 0.00	152.67 5.68 -3.28	128.42 5.02 0.00	142.84 4.81 -24.00	150.56 4.88 -26.50	275.47 4.70 -144.01	187.13 4.93 -41.02	200.88 5.35 -29.95	249.39 5.71 -57.08	276.42 8.68 -7.21	202.39 6.52 0.00	179.37 5.28 0.00	166.99 5.37 0.00	160.55 4.90 0.00	156.58 4.31 0.00	197.99 4.95 0.00	161.21 3.78 0.00	179.49 4.15 0.00	182.35 4.23 0.00	183.93 4.31 0.00	157.87 4.56 0.00	193.60 5.45 -17.86	184.45 5.25 -37.67	149.57 4.67 -22.09
FORT_DRUM_COGEN 23780	151.89 2.13 0.00	146.03 2.32 0.00	123.49 0.09 0.00	113.10 -0.93 0.00	120.60 1.44 0.00	129.60 2.83 0.00	145.32 4.15 0.00	171.60 6.01 0.00	193.60 7.00 0.00	269.65 9.12 0.00	202.09 6.21 0.00	178.00 3.90 0.00	165.42 3.81 0.00	159.46 3.81 0.00	157.34 5.07 0.00	201.45 8.41 0.00	163.83 6.40 0.00	183.32 7.98 0.00	186.39 8.28 0.00	186.03 6.40 0.00	154.19 0.88 0.00	169.11 -1.19 0.00	139.92 -1.61 0.00	121.34 -1.48 0.00
FOX_HILLS___ESR 323835	155.13 5.37 0.00	149.54 5.15 -0.68	128.51 5.11 0.00	124.19 5.17 -4.99	129.41 4.82 -5.43	160.54 4.20 -29.57	154.53 5.13 -8.23	177.68 6.78 -5.32	204.63 7.35 -10.68	270.94 11.02 0.61	180.26 9.41 25.02	153.38 8.79 29.51	137.41 8.78 32.99	146.97 8.45 17.12	149.26 8.59 11.60	187.25 8.34 14.13	163.91 7.96 1.49	184.51 9.17 0.00	186.61 8.50 0.00	187.48 7.85 0.00	161.69 8.38 0.00	176.70 7.26 0.86	156.35 6.99 -7.82	133.77 6.36 -4.59
FPL_FAR_ROCK_GT1 24212	156.53 6.77 0.00	150.73 6.33 -0.68	129.48 6.08 0.00	125.70 6.68 -5.00	130.71 6.12 -5.43	161.34 4.99 -29.58	155.69 6.29 -8.23	176.44 6.45 -4.40	203.37 7.03 -9.74	271.51 11.59 0.60	203.97 10.26 2.16	182.95 9.15 0.29	169.71 9.42 1.34	163.46 9.10 1.28	161.58 9.40 0.10	202.44 9.39 0.00	166.15 9.83 1.11	186.03 10.68 0.00	188.92 10.81 0.00	190.07 10.43 0.00	163.17 9.85 0.00	182.78 8.77 -3.71	156.90 7.54 -7.82	134.08 6.68 -4.59
FPL_FAR_ROCK_GT2 23815	156.53 6.77 0.00	150.73 6.33 -0.68	129.48 6.08 0.00	125.70 6.68 -5.00	130.71 6.12 -5.43	161.34 4.99 -29.58	155.69 6.29 -8.23	176.44 6.45 -4.40	203.37 7.03 -9.74	271.51 11.59 0.60	203.97 10.26 2.16	182.95 9.15 0.29	169.71 9.42 1.34	163.46 9.10 1.28	161.58 9.40 0.10	202.44 9.39 0.00	166.15 9.83 1.11	186.03 10.68 0.00	188.92 10.81 0.00	190.07 10.43 0.00	163.17 9.85 0.00	182.78 8.77 -3.71	156.90 7.54 -7.82	134.08 6.68 -4.59
FRANKLIN_FALL_HYD 24054	154.73 4.97 0.00	148.48 4.77 0.00	127.30 3.90 0.00	117.24 3.21 0.00	122.01 2.84 0.00	131.30 4.53 0.00	146.44 5.27 0.00	172.51 6.92 0.00	194.59 7.99 0.00	271.58 11.05 0.00	203.74 7.87 0.00	181.14 7.05 0.00	167.18 5.56 0.00	160.89 5.25 0.00	157.33 5.06 0.00	200.84 7.79 0.00	164.12 6.69 0.00	182.80 7.46 0.00	186.26 8.14 0.00	187.49 7.86 0.00	158.87 5.55 0.00	176.17 5.88 0.00	145.89 4.36 0.00	126.62 3.80 0.00

FREEPORT_EQUS_GT1 23764	141.45 5.00 13.32	139.29 4.56 8.99	128.00 4.66 0.06	124.50 5.48 -5.00	129.39 4.80 -5.43	144.70 3.44 -14.49	146.76 4.50 -1.08	170.70 4.49 -0.62	197.23 4.77 -5.86	268.50 8.58 0.61	201.55 7.85 2.16	180.79 6.99 0.29	167.60 7.32 1.34	161.53 7.17 1.28	159.73 7.56 0.10	199.92 6.87 0.00	164.10 7.78 1.11	182.42 7.78 0.70	186.06 7.94 0.00	187.24 7.61 0.00	161.31 8.00 0.00	180.66 6.66 -3.71	155.19 5.83 -7.82	132.62 5.21 -4.59
FREEPORT___CT2 23818	141.45 5.00 13.32	139.29 4.56 8.99	128.00 4.66 0.06	124.50 5.48 -5.00	129.39 4.80 -5.43	144.70 3.44 -14.49	146.76 4.50 -1.08	170.70 4.49 -0.62	197.23 4.77 -5.86	268.50 8.58 0.61	201.55 7.85 2.16	180.79 6.99 0.29	167.60 7.32 1.34	161.53 7.17 1.28	159.73 7.56 0.10	199.92 6.87 0.00	164.10 7.78 1.11	182.42 7.78 0.70	186.06 7.94 0.00	187.24 7.61 0.00	161.31 8.00 0.00	180.66 6.66 -3.71	155.19 5.83 -7.82	132.62 5.21 -4.59
FRESHKLS_33_KV_LOAD 356253	155.09 5.33 0.00	149.54 5.15 -0.68	128.73 5.32 0.00	124.47 5.45 -4.99	129.71 5.12 -5.43	160.67 4.33 -29.57	154.63 5.23 -8.23	177.94 7.04 -5.32	205.02 7.74 -10.68	271.32 11.39 0.61	180.44 9.59 25.02	153.52 8.94 29.51	137.57 8.94 32.99	147.14 8.62 17.12	149.41 8.73 11.60	187.42 8.51 14.13	164.10 8.15 1.49	184.75 9.41 0.00	186.75 8.63 0.00	187.69 8.06 0.00	162.03 8.72 0.00	176.85 7.42 0.86	156.43 7.07 -7.82	133.90 6.50 -4.59
FULTON COGEN____ 23766	143.94 -5.83 0.00	137.99 -5.72 0.00	118.43 -4.98 0.00	109.41 -4.62 0.00	114.69 -4.66 -0.18	122.65 -4.91 -0.79	136.53 -5.28 -0.63	161.28 -6.20 -1.90	182.32 -6.79 -2.52	255.27 -9.64 -4.38	193.25 -7.10 -4.48	168.28 -6.43 -0.61	158.37 -6.02 -2.77	152.62 -5.69 -2.66	146.93 -5.55 -0.21	186.27 -6.78 0.00	153.91 -5.82 -2.30	169.39 -5.95 0.00	171.90 -6.22 0.00	173.45 -6.18 0.00	147.63 -5.68 0.00	163.95 -6.35 0.00	136.01 -5.53 0.00	117.81 -5.01 0.00
FULTON___LFGE 323630	155.18 5.41 0.00	155.83 5.05 -7.07	127.70 4.30 0.00	169.61 3.92 -51.67	180.52 4.39 -56.96	441.63 5.25 -309.61	235.60 6.44 -87.99	237.14 8.03 -63.53	320.78 8.37 -125.81	285.71 10.60 -14.58	200.44 6.81 2.24	179.05 5.27 0.30	165.06 4.83 1.38	158.14 3.82 1.33	156.82 4.65 0.11	201.57 8.52 0.00	163.97 7.69 1.15	184.09 8.75 0.00	186.84 8.72 0.00	188.18 8.55 0.00	160.54 7.23 0.00	216.54 7.80 -38.44	228.60 5.98 -81.09	175.09 4.72 -47.56
G.F.CEMENT___DRP 24184	162.55 12.78 0.00	163.55 12.58 -7.26	134.27 10.87 0.00	177.19 10.11 -53.06	188.40 10.64 -58.58	456.65 11.54 -318.34	245.08 13.22 -90.68	247.80 16.01 -66.21	334.88 18.43 -129.85	302.44 24.88 -17.03	213.55 17.68 0.00	189.01 14.92 0.00	175.75 14.14 0.00	169.03 13.38 0.00	166.34 14.07 0.00	210.88 17.83 0.00	172.01 14.57 0.00	192.08 16.74 0.00	195.09 16.98 0.00	197.37 17.74 0.00	168.31 14.99 0.00	226.70 16.92 -39.48	238.15 13.34 -83.27	182.73 11.07 -48.84
GARDENVILLE___LBMP 24039	139.03 -10.73 0.00	133.82 -9.89 0.00	114.55 -8.86 0.00	104.64 -9.38 0.00	109.33 -9.39 0.45	113.59 -11.20 1.97	125.53 -14.07 1.58	143.44 -17.43 4.72	161.50 -18.83 6.27	222.00 -27.65 10.88	164.71 -20.03 11.14	154.37 -18.21 1.51	136.78 -17.97 6.87	131.66 -17.38 6.61	133.84 -17.90 0.53	174.48 -18.56 0.00	133.91 -17.81 5.71	156.39 -18.95 0.00	159.36 -18.76 0.00	163.04 -16.59 0.00	136.70 -16.61 0.00	153.84 -16.45 0.00	128.58 -12.96 0.00	110.96 -11.85 0.00
GARDNVLA_35_KV_LD 355827	140.33 -9.44 0.00	135.08 -8.63 0.00	115.61 -7.79 0.00	105.57 -8.46 0.00	110.33 -8.40 0.45	114.69 -10.12 1.97	126.76 -12.84 1.58	145.19 -15.79 4.61	163.61 -16.85 6.13	224.99 -24.87 10.67	166.83 -17.99 11.05	156.27 -16.31 1.51	138.58 -16.18 6.87	133.34 -15.70 6.60	135.52 -16.22 0.53	176.59 -16.45 0.00	135.68 -16.05 5.70	161.46 -16.92 -3.04	163.15 -16.63 -1.67	165.37 -14.37 -0.11	138.52 -14.79 0.00	155.63 -14.67 0.00	129.96 -11.57 0.00	112.11 -10.71 0.00
GELCKHM___115KV_LOAD 80723	145.76 -4.01 0.00	139.77 -3.94 0.00	119.97 -3.43 0.00	110.81 -3.21 0.00	115.65 -3.19 0.32	121.91 -3.43 1.43	136.39 -3.63 1.15	157.82 -4.34 3.43	177.29 -4.76 4.55	245.72 -6.90 7.91	182.76 -5.02 8.10	168.48 -4.51 1.10	152.40 -4.21 5.00	146.80 -4.04 4.81	147.80 -4.08 0.38	188.35 -4.70 0.00	149.19 -4.09 4.15	170.86 -4.48 0.00	173.76 -4.36 0.00	175.41 -4.22 0.00	149.36 -3.96 0.00	165.88 -4.41 0.00	137.69 -3.85 0.00	119.23 -3.59 0.00
GENERAL___MILLS 23808	139.79 -9.97 0.00	134.56 -9.15 0.00	115.17 -8.23 0.00	105.20 -8.82 0.00	109.95 -8.77 0.45	114.23 -10.57 1.97	126.16 -13.44 1.58	144.40 -16.56 4.63	162.65 -17.79 6.16	223.58 -26.24 10.70	165.92 -18.89 11.07	155.42 -17.17 1.51	137.78 -16.97 6.87	132.60 -16.44 6.60	134.77 -16.97 0.53	175.65 -17.40 0.00	134.88 -16.85 5.70	160.01 -17.85 -2.53	161.82 -17.69 -1.39	164.30 -15.42 -0.09	137.62 -15.69 0.00	154.78 -15.52 0.00	129.34 -12.19 0.00	111.63 -11.18 0.00
GE_PLASTICS___DRP 24183	154.43 4.67 0.00	151.12 4.79 -2.62	127.64 4.24 0.00	137.27 4.09 -19.16	144.42 4.10 -21.15	245.62 3.91 -114.94	177.98 4.06 -32.74	193.91 4.42 -23.91	236.05 4.80 -44.65	273.32 7.31 -5.48	201.48 5.60 0.00	178.79 4.70 0.00	166.37 4.75 0.00	160.04 4.39 0.00	156.26 3.99 0.00	197.42 4.37 0.00	160.77 3.34 0.00	178.87 3.54 0.00	181.77 3.66 0.00	183.34 3.71 0.00	157.26 3.95 0.00	189.22 4.67 -14.25	176.01 4.42 -30.06	144.37 3.92 -17.63
GILBOA___1 23756	154.45 3.26 -1.43	147.24 3.10 -0.42	126.20 2.79 0.00	119.99 2.78 -3.18	126.71 2.75 -4.80	152.92 2.57 -23.58	149.75 2.83 -5.75	176.90 2.98 -8.33	199.52 3.32 -9.60	268.18 5.41 -2.25	201.34 4.29 -1.18	181.27 3.76 -3.42	166.88 3.81 -1.46	160.12 3.58 -0.89	156.29 3.44 -0.58	205.94 3.57 -9.32	158.80 2.71 1.34	178.52 2.88 -0.31	185.30 3.00 -4.19	192.36 3.03 -9.70	157.94 3.41 -1.22	182.62 3.66 -8.67	153.47 3.18 -8.75	131.39 2.75 -5.83
GILBOA___2 23757	154.45 3.26 -1.43	147.24 3.10 -0.42	126.20 2.79 0.00	119.99 2.78 -3.18	126.71 2.75 -4.80	152.92 2.57 -23.58	149.75 2.83 -5.75	176.90 2.98 -8.33	199.52 3.32 -9.60	268.18 5.41 -2.25	201.34 4.29 -1.18	181.27 3.76 -3.42	166.88 3.81 -1.46	160.12 3.58 -0.89	156.29 3.44 -0.58	205.94 3.57 -9.32	158.80 2.71 1.34	178.52 2.88 -0.31	185.30 3.00 -4.19	192.36 3.03 -9.70	157.94 3.41 -1.22	182.62 3.66 -8.67	153.47 3.18 -8.75	131.39 2.75 -5.83
GILBOA___3 23758	154.45 3.26 -1.43	147.24 3.10 -0.42	126.20 2.79 0.00	119.99 2.78 -3.18	126.71 2.75 -4.80	152.92 2.57 -23.58	149.75 2.83 -5.75	176.90 2.98 -8.33	199.52 3.32 -9.60	268.18 5.41 -2.25	201.34 4.29 -1.18	181.27 3.76 -3.42	166.88 3.81 -1.46	160.12 3.58 -0.89	156.29 3.44 -0.58	205.94 3.57 -9.32	158.80 2.71 1.34	178.52 2.88 -0.31	185.30 3.00 -4.19	192.36 3.03 -9.70	157.94 3.41 -1.22	182.62 3.66 -8.67	153.47 3.18 -8.75	131.39 2.75 -5.83
GILBOA___4 23759	154.45 3.26 -1.43	147.24 3.10 -0.42	126.20 2.79 0.00	119.99 2.78 -3.18	126.71 2.75 -4.80	152.92 2.57 -23.58	149.75 2.83 -5.75	176.90 2.98 -8.33	199.52 3.32 -9.60	268.18 5.41 -2.25	201.34 4.29 -1.18	181.27 3.76 -3.42	166.88 3.81 -1.46	160.12 3.58 -0.89	156.29 3.44 -0.58	205.94 3.57 -9.32	158.80 2.71 1.34	178.52 2.88 -0.31	185.30 3.00 -4.19	192.36 3.03 -9.70	157.94 3.41 -1.22	182.62 3.66 -8.67	153.47 3.18 -8.75	131.39 2.75 -5.83

GILBOA____ 23599	153.01 3.25 0.00	147.25 3.11 -0.42	126.20 2.80 0.00	119.90 2.79 -3.10	125.24 2.76 -3.31	147.48 2.60 -18.11	148.93 2.84 -4.92	171.40 3.06 -2.75	195.80 3.36 -5.85	264.33 5.44 1.64	197.63 4.37 2.61	177.55 3.82 0.36	163.82 3.82 1.62	157.69 3.60 1.55	155.57 3.42 0.12	196.67 3.63 0.00	158.85 2.76 1.34	178.23 2.89 0.00	181.18 3.07 0.00	182.73 3.10 0.00	156.74 3.42 0.00	176.32 3.73 -2.30	149.58 3.21 -4.84	128.43 2.77 -2.84
GINNA____ 23603	130.02 -13.18 6.57	130.97 -12.74 0.00	112.37 -11.03 0.00	103.11 -10.52 0.40	101.10 -10.82 7.25	88.10 -11.64 27.02	122.32 -13.48 5.37	119.50 -15.86 30.22	145.35 -17.79 23.46	206.21 -25.65 28.66	148.50 -18.88 28.49	138.54 -16.76 18.79	124.60 -16.10 20.91	122.43 -15.45 17.76	132.78 -15.73 3.76	132.50 -17.86 42.68	136.34 -15.42 5.68	157.33 -16.54 1.46	141.49 -16.71 19.92	117.54 -15.93 46.16	132.60 -14.91 5.80	124.18 -15.80 30.32	109.55 -13.36 18.62	96.54 -12.06 14.22
GLEN PARK____ 23778	152.14 2.38 0.00	146.20 2.48 0.00	123.71 0.30 0.00	113.32 -0.70 0.00	120.81 1.65 0.00	129.85 3.09 0.00	145.67 4.49 0.00	172.07 6.48 0.00	194.15 7.55 0.00	270.24 9.71 0.00	202.50 6.63 0.00	178.43 4.34 0.00	165.75 4.13 0.00	159.77 4.12 0.00	157.59 5.32 0.00	201.91 8.87 0.00	164.28 6.84 0.00	183.88 8.54 0.00	187.01 8.90 0.00	186.66 7.03 0.00	154.79 1.48 0.00	169.74 -0.56 0.00	140.34 -1.20 0.00	121.59 -1.22 0.00
GLENDALE_27_KV_LOAD 356172	156.55 6.79 0.00	150.79 6.39 -0.68	129.12 5.71 0.00	124.75 5.74 -4.99	130.10 5.51 -5.43	161.70 5.36 -29.57	155.71 6.31 -8.23	178.82 7.91 -5.32	205.81 8.53 -10.68	272.66 12.74 0.61	204.51 10.80 2.16	183.75 9.95 0.30	170.03 9.75 1.34	163.79 9.43 1.29	161.70 9.54 0.10	202.87 9.83 0.00	165.35 9.02 1.11	185.50 10.16 0.00	187.56 9.45 0.00	188.41 8.78 0.00	162.11 8.80 0.00	182.34 8.33 -3.71	156.99 7.63 -7.82	134.14 6.74 -4.59
GLENWOOD_IC_1_G5 23712	147.33 5.89 8.32	143.93 5.29 5.08	128.36 4.99 0.04	124.54 5.53 -5.00	129.63 5.03 -5.43	151.74 4.38 -20.59	150.36 5.22 -3.97	174.30 6.22 -2.50	201.15 6.77 -7.79	270.60 10.67 0.60	203.17 9.47 2.16	182.32 8.52 0.29	168.83 8.55 1.34	162.61 8.25 1.28	160.63 8.46 0.10	200.58 7.54 0.00	163.97 7.65 1.11	183.83 8.90 0.41	186.85 8.74 0.00	187.96 8.33 0.00	161.48 8.16 0.00	181.37 7.36 -3.71	155.59 6.23 -7.82	132.97 5.57 -4.59
GLENWOOD_IC_2_G1 23688	155.44 5.67 0.00	149.55 5.16 -0.68	128.21 4.81 0.00	124.20 5.18 -5.00	129.39 4.80 -5.43	160.53 4.19 -29.58	154.44 5.04 -8.23	177.01 6.07 -5.35	203.83 6.51 -10.72	270.13 10.21 0.60	202.57 8.86 2.16	181.75 7.96 0.29	168.22 7.94 1.34	162.09 7.73 1.28	160.11 7.95 0.10	200.63 7.58 0.00	163.77 7.45 1.11	183.61 8.26 0.00	186.17 8.06 0.00	187.30 7.67 0.00	160.93 7.62 0.00	180.92 6.92 -3.71	155.30 5.94 -7.82	132.75 5.34 -4.59
GLENWOOD_IC_3_G1 23689	155.44 5.67 0.00	149.55 5.16 -0.68	128.21 4.81 0.00	124.20 5.18 -5.00	129.39 4.80 -5.43	160.53 4.19 -29.58	154.44 5.04 -8.23	177.01 6.07 -5.35	203.83 6.51 -10.72	270.13 10.21 0.60	202.57 8.86 2.16	181.75 7.96 0.29	168.22 7.94 1.34	162.09 7.73 1.28	160.11 7.95 0.10	200.63 7.58 0.00	163.77 7.45 1.11	183.61 8.26 0.00	186.17 8.06 0.00	187.30 7.67 0.00	160.93 7.62 0.00	180.92 6.92 -3.71	155.30 5.94 -7.82	132.75 5.34 -4.59
GLENWOOD____4 23550	147.33 5.89 8.32	143.93 5.29 5.08	128.36 4.99 0.04	124.54 5.53 -5.00	129.63 5.03 -5.43	151.74 4.38 -20.59	150.36 5.22 -3.97	174.30 6.22 -2.50	201.15 6.77 -7.79	270.60 10.67 0.60	203.17 9.47 2.16	182.32 8.52 0.29	168.83 8.55 1.34	162.61 8.25 1.28	160.64 8.47 0.10	200.79 7.75 0.00	164.15 7.83 1.11	183.83 8.90 0.41	186.85 8.74 0.00	187.96 8.33 0.00	161.48 8.16 0.00	181.37 7.36 -3.71	155.59 6.23 -7.82	132.97 5.57 -4.59
GLENWOOD____5 23614	147.33 5.89 8.32	143.93 5.29 5.08	128.36 4.99 0.04	124.54 5.53 -5.00	129.63 5.03 -5.43	151.74 4.38 -20.59	150.36 5.22 -3.97	174.30 6.22 -2.50	201.15 6.77 -7.79	270.60 10.67 0.60	203.17 9.47 2.16	182.32 8.52 0.29	168.83 8.55 1.34	162.61 8.25 1.28	160.64 8.47 0.10	200.79 7.75 0.00	164.15 7.83 1.11	183.83 8.90 0.41	186.85 8.74 0.00	187.96 8.33 0.00	161.48 8.16 0.00	181.37 7.36 -3.71	155.59 6.23 -7.82	132.97 5.57 -4.59
GLOBAL GREEN_PORT_GT1 23814	128.52 4.71 25.95	129.90 4.31 18.12	127.86 4.58 0.12	125.01 5.99 -5.00	129.86 5.27 -5.43	130.87 3.87 -0.23	141.08 5.59 5.69	169.91 5.57 1.25	199.30 6.42 -6.28	365.89 20.51 -84.86	219.63 16.67 -7.09	186.01 12.22 0.30	173.26 12.99 1.34	167.13 12.78 1.29	166.17 14.00 0.10	202.31 9.27 0.01	168.93 10.62 -0.87	186.32 10.50 -0.48	199.39 12.75 -8.52	196.40 16.77 0.00	170.38 14.65 -2.42	184.22 10.21 -3.71	208.59 8.31 -58.75	150.92 10.56 -17.54
GLOBE____DSASP 323697	134.80 -14.96 0.00	129.58 -14.13 0.00	110.91 -12.49 0.00	101.41 -12.61 0.00	105.63 -13.09 0.45	109.42 -15.36 1.99	120.25 -19.34 1.59	136.63 -24.20 4.76	153.73 -26.54 6.33	211.02 -38.52 10.98	157.05 -27.58 11.24	147.84 -24.73 1.53	130.23 -24.45 6.94	125.08 -23.90 6.67	127.33 -24.40 0.53	166.86 -26.18 0.00	126.96 -24.71 5.76	148.68 -26.66 0.00	151.86 -26.26 0.00	156.03 -23.60 0.00	130.43 -22.88 0.00	147.71 -22.58 0.00	123.71 -17.83 0.00	107.05 -15.76 0.00
GOETHSLN____LBMP 323567	155.29 5.53 0.00	149.45 5.05 -0.68	128.03 4.62 0.00	123.85 4.83 -4.99	129.13 4.53 -5.43	160.75 4.42 -29.57	154.43 5.03 -8.23	177.14 6.23 -5.32	203.76 6.48 -10.68	269.77 9.85 0.61	179.30 8.45 25.02	152.22 7.63 29.51	136.17 7.55 32.99	145.86 7.33 17.11	148.16 7.48 11.59	186.21 7.29 14.12	163.17 6.90 1.16	183.25 7.92 0.00	185.42 7.30 0.00	186.37 6.74 0.00	160.13 6.81 0.00	175.76 6.32 0.86	155.11 5.75 -7.82	132.58 5.18 -4.59
GOLAH____69_KV_TB 1_2 80279	142.26 -7.50 0.00	136.52 -7.20 0.00	117.05 -6.35 0.00	107.59 -6.44 0.00	112.21 -6.51 0.45	117.34 -7.45 1.98	130.52 -9.07 1.58	150.08 -10.94 4.56	168.36 -12.16 6.08	231.76 -18.19 10.59	171.65 -13.15 11.06	160.66 -11.92 1.52	142.70 -12.01 6.91	137.51 -11.50 6.64	139.85 -11.89 0.53	180.78 -12.26 0.00	140.62 -11.08 5.73	169.23 -11.23 -5.12	169.52 -11.41 -2.81	169.52 -10.29 -0.18	142.97 -10.34 0.00	159.90 -10.40 -0.01	132.91 -8.63 0.00	114.83 -7.99 0.00
GOODYEAR_LAKE_HYD 323669	152.36 2.60 0.00	147.99 2.12 -2.16	125.26 1.86 0.00	131.68 1.84 -15.81	138.61 2.18 -17.26	223.39 2.63 -93.99	170.97 3.46 -26.34	187.49 4.22 -17.68	227.29 4.65 -36.04	267.76 6.85 -0.38	196.34 5.30 4.83	178.21 4.77 0.66	163.20 4.56 2.98	157.15 4.37 2.86	156.24 4.19 0.23	198.12 5.08 0.00	159.22 4.26 2.48	180.33 4.99 0.00	183.16 5.05 0.00	184.51 4.88 0.00	157.62 4.30 0.00	186.44 4.40 -11.75	169.68 3.37 -24.78	139.88 2.53 -14.53
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	148.30 -1.46 0.00	142.43 -1.59 -0.31	121.96 -1.44 0.00	114.86 -1.44 -2.28	120.26 -1.03 -2.13	137.38 -1.34 -11.95	142.64 -1.05 -2.51	162.61 -1.66 1.31	184.69 -1.89 0.01	248.58 -3.08 8.87	184.12 -1.94 9.82	171.05 -1.71 1.33	154.13 -1.43 6.06	148.35 -1.47 5.82	150.18 -1.62 0.47	191.73 -1.31 0.00	150.74 -1.66 5.03	173.75 -1.59 0.00	176.84 -1.27 0.00	178.57 -1.06 0.00	151.89 -1.42 0.00	170.55 -1.40 -1.66	143.64 -1.39 -3.50	123.33 -1.54 -2.05

GOUDEY___7 23579	148.30 -1.46 0.00	142.43 -1.59 -0.31	121.96 -1.44 0.00	114.86 -1.44 -2.28	120.26 -1.03 -2.13	137.38 -1.34 -11.95	142.64 -1.05 -2.51	162.61 -1.66 1.31	184.69 -1.89 0.01	248.58 -3.08 8.87	184.12 -1.94 9.82	171.05 -1.71 1.33	154.13 -1.43 6.06	148.35 -1.47 5.82	150.18 -1.62 0.47	191.73 -1.31 0.00	150.74 -1.66 5.03	173.75 -1.59 0.00	176.84 -1.27 0.00	178.57 -1.06 0.00	151.89 -1.42 0.00	170.55 -1.40 -1.66	143.64 -1.39 -3.50	123.33 -1.54 -2.05
GOUDEY___8 23580	148.30 -1.46 0.00	142.43 -1.59 -0.31	121.96 -1.44 0.00	114.86 -1.44 -2.28	120.26 -1.03 -2.13	137.38 -1.34 -11.95	142.64 -1.05 -2.51	162.61 -1.66 1.31	184.69 -1.89 0.01	248.58 -3.08 8.87	184.12 -1.94 9.82	171.05 -1.71 1.33	154.13 -1.43 6.06	148.35 -1.47 5.82	150.18 -1.62 0.47	191.73 -1.31 0.00	150.74 -1.66 5.03	173.75 -1.59 0.00	176.84 -1.27 0.00	178.57 -1.06 0.00	151.89 -1.42 0.00	170.55 -1.40 -1.66	143.64 -1.39 -3.50	123.33 -1.54 -2.05
GOWANUS_GT1_1 24077	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT1_2 24078	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT1_3 24079	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT1_4 24080	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT1_5 24084	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT1_6 24111	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT1_7 24112	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT1_8 24113	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT2_1 24114	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT2_2 24115	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT2_3 24116	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT2_4 24117	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT2_5 24118	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59

GOWANUS_GT2_6 24119	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT2_7 24120	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT2_8 24121	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT3_1 24122	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT3_2 24123	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT3_3 24124	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
GOWANUS_GT3_4 24125	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	13

GOWANUS_GT4_5 24134	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT4_6 24135	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT4_7 24136	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GOWANUS_GT4_8 24137	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GREATVR_69_KV_BK1 356245	129.74 4.88 24.90	130.73 4.37 17.36	128.15 4.86 0.11	125.22 6.20 -5.00	129.99 5.39 -5.43	131.57 3.38 -1.42	140.74 4.68 5.12	169.25 4.68 1.02	198.15 5.86 -5.69	308.55 9.72 -38.31	206.56 8.50 -2.19	181.41 7.62 0.30	168.41 8.14 1.34	162.20 7.85 1.29	160.50 8.33 0.10	200.73 7.69 0.01	166.30 9.02 0.15	184.24 9.38 0.47	191.97 10.00 -3.86	189.25 9.62 0.00	163.39 8.99 -1.09	181.24 7.23 -3.71	178.83 6.43 -30.87	138.97 5.71 -10.45
GREENBSH_115KV_TB3 55895	155.04 5.27 0.00	152.63 5.51 -3.41	128.26 4.85 0.00	143.62 4.67 -24.93	151.39 4.69 -27.52	280.76 4.43 -149.56	188.35 4.57 -42.60	201.48 4.78 -31.11	251.10 5.13 -59.37	276.10 8.06 -7.51	202.06 6.19 0.00	179.30 5.21 0.00	166.91 5.29 0.00	160.40 4.76 0.00	156.41 4.14 0.00	197.54 4.49 0.00	160.70 3.26 0.00	178.79 3.45 0.00	181.73 3.61 0.00	183.31 3.68 0.00	157.39 4.08 0.00	193.82 4.98 -18.54	185.63 4.98 -39.12	150.24 4.48 -22.94
GREENDGE_115KV_TB5 80291	141.49 -8.28 0.00	135.34 -8.59 -0.21	115.80 -7.60 0.00	108.34 -7.25 -1.57	114.68 -5.80 -1.31	127.80 -6.54 -7.57	136.27 -6.11 -1.20	155.15 -7.96 2.47	175.05 -9.49 2.05	236.47 -14.34 9.72	175.73 -9.67 10.48	163.26 -9.41 1.42	146.01 -9.14 6.47	140.23 -9.20 6.22	142.68 -9.09 0.50	183.94 -9.11 0.00	143.77 -8.29 5.37	167.25 -8.09 0.00	173.53 -4.58 0.00	178.07 -1.57 0.00	149.39 -3.93 0.00	167.52 -3.92 -1.15	140.19 -3.76 -2.41	120.17 -4.06 -1.42
GREENIDGE___3 23582	141.49 -8.28 0.00	135.34 -8.59 -0.21	115.80 -7.60 0.00	108.34 -7.25 -1.57	114.68 -5.80 -1.31	127.80 -6.54 -7.57	136.27 -6.11 -1.20	155.15 -7.96 2.47	175.05 -9.49 2.05	236.47 -14.34 9.72	175.73 -9.67 10.48	163.26 -9.41 1.42	146.01 -9.14 6.47	140.23 -9.20 6.22	142.68 -9.09 0.50	183.94 -9.11 0.00	143.77 -8.29 5.37	167.25 -8.09 0.00	173.53 -4.58 0.00	178.07 -1.57 0.00	149.39 -3.93 0.00	167.52 -3.92 -1.15	140.19 -3.76 -2.41	120.17 -4.06 -1.42
GREENIDGE___4 23583	148.72 -8.30 -7.26	135.33 -8.60 -0.21	115.81 -7.59 0.00	108.79 -7.25 -2.01	122.16 -5.85 -8.83	155.41 -6.63 -35.27	140.42 -6.15 -5.41	183.23 -8.05 -25.69	197.49 -9.53 -20.42	259.75 -14.35 -13.57	195.49 -9.73 -9.35	182.34 -9.45 -17.70	161.48 -9.24 -9.09	152.57 -9.23 -6.16	146.25 -9.10 -3.08	231.04 -9.23 -47.22	143.81 -8.25 5.37	168.84 -8.09 -1.60	195.21 -4.61 -21.71	228.35 -1.64 -50.35	155.70 -3.94 -6.32	200.47 -4.04 -34.22	160.42 -3.85 -22.73	135.60 -4.15 -16.93
GREENLWN_69_KV_BK 3 55738	126.77 2.27 25.27	128.09 2.00 17.62	125.81 2.52 0.11	123.13 4.11 -5.00	127.63 3.03 -5.43	128.88 1.11 -1.01	137.59 1.73 5.32	165.46 0.97 1.10	190.18 0.88 -2.71	251.98 3.33 11.88	195.76 3.62 3.73	177.06 3.27 0.30	164.32 4.04 1.34	158.28 3.92 1.29	156.57 4.40 0.10	195.82 2.77 0.01	160.53 4.61 1.51	178.50 4.71 1.55	181.97 4.91 1.05	184.11 4.48 0.00	157.82 4.81 0.30	176.92 2.91 -3.71	145.98 2.92 -1.53	128.74 2.94 -2.99
GREENWD_138_KV_38B11_REV_LBMP_J 345004	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59
GRISSOM___SOLAR 323813	155.97 6.20 0.00	156.82 5.91 -7.21	128.45 5.05 0.00	171.35 4.63 -52.69	182.34 5.08 -58.09	448.41 5.90 -315.74	237.93 7.01 -89.74	239.09 8.67 -64.83	323.98 9.03 -128.36	286.96 11.44 -14.99	201.14 7.43 2.17	179.42 5.62 0.30	165.37 5.08 1.34	158.31 3.95 1.29	157.15 4.98 0.10	202.14 9.10 0.00	164.58 8.26 1.11	184.63 9.29 0.00	187.34 9.23 0.00	188.82 9.19 0.00	161.12 7.81 0.00	218.01 8.51 -39.20	230.86 6.63 -82.69	176.68 5.37 -48.49
GROVEVILLE___HYD 323602	157.26 7.50 0.00	151.34 6.94 -0.70	129.62 6.22 0.00	125.29 6.16 -5.10	130.74 6.03 -5.54	163.00 6.01 -30.22	156.47 6.88 -8.41	179.53 8.49 -5.45	206.77 9.25 -10.93	273.44 13.49 0.58	204.45 10.74 2.16	183.44 9.63 0.29	169.60 9.32 1.33	163.44 9.08 1.28	161.29 9.13 0.10	202.78 9.74 0.00	165.06 8.74 1.11	185.30 9.96 0.00	187.90 9.79 0.00	189.22 9.59 0.00	162.37 9.05 0.00	183.14 9.05 -3.79	157.08 7.56 -7.99	134.00 6.50 -4.69
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	146.75 -3.02 0.00	140.67 -3.04 0.00	120.74 -2.66 0.00	111.56 -2.46 0.00	116.50 -2.42 0.25	123.11 -2.56 1.09	137.76 -2.54 0.88	159.86 -3.10 2.63	179.76 -3.35 3.49	249.49 -4.98 6.06	186.11 -3.56 6.20	170.04 -3.21 0.84	154.83 -2.96 3.83	149.15 -2.82 3.68	149.02 -2.95 0.29	189.85 -3.19 0.00	151.40 -2.86 3.18	172.44 -2.90 0.00	175.18 -2.93 0.00	176.91 -2.72 0.00	150.56 -2.75 0.00	167.25 -3.05 0.00	138.75 -2.79 0.00	120.10 -2.72 0.00
HAMLTNNY_34_KV_TB 80303	146.83 -2.93 0.00	140.68 -3.03 0.00	120.76 -2.64 0.00	111.43 -2.59 0.00	116.39 -2.52 0.26	122.96 -2.67 1.14	137.59 -2.67 0.91	159.58 -3.26 2.74	179.50 -3.46 3.64	248.91 -5.30 6.32	185.61 -3.79 6.47	169.83 -3.38 0.88	154.45 -3.18 3.99	148.77 -3.03 3.84	148.63 -3.34 0.30	189.72 -3.32 0.00	151.18 -2.94 3.32	172.41 -2.93 0.00	174.99 -3.12 0.00	176.88 -2.75 0.00	150.51 -2.80 0.00	167.19 -3.10 0.00	138.70 -2.83 0.00	120.04 -2.78 0.00

HAMPSHIRE___PAPER_HYD 323593	151.70 1.94 0.00	146.15 2.44 0.00	124.52 1.12 0.00	114.35 0.32 0.00	120.32 1.15 0.00	128.61 1.84 0.00	143.10 1.93 0.00	169.01 3.43 0.00	190.58 3.99 0.00	265.83 5.30 0.00	199.13 3.26 0.00	176.36 2.26 0.00	163.57 1.95 0.00	157.63 1.99 0.00	154.87 2.60 0.00	197.26 4.22 0.00	160.13 2.70 0.00	178.59 3.25 0.00	181.55 3.43 0.00	181.84 2.21 0.00	152.06 -1.26 0.00	168.02 -2.28 0.00	140.31 -1.23 0.00	122.46 -0.36 0.00
HARDSCRABBLE_WT_PWR 323673	156.56 6.79 0.00	150.52 6.82 0.00	129.11 5.71 0.00	119.70 5.67 0.00	125.28 6.11 0.00	134.13 7.36 0.00	149.99 8.82 0.00	176.43 10.84 0.00	198.47 11.87 0.00	276.07 15.54 0.00	206.78 10.90 0.00	182.70 8.60 0.00	169.82 8.20 0.00	162.67 7.02 0.00	160.16 7.89 0.00	205.07 12.03 0.00	167.41 9.98 0.00	186.39 11.05 0.00	189.09 10.97 0.00	191.20 11.57 0.00	163.65 10.33 0.00	182.38 12.08 0.00	151.23 9.69 0.00	130.84 8.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	155.48 5.71 0.00	149.56 5.21 -0.64	128.11 4.71 0.00	123.51 4.81 -4.67	128.83 4.60 -5.07	158.89 4.48 -27.64	154.11 5.27 -7.66	176.95 6.49 -4.87	203.45 7.00 -9.86	270.27 10.53 0.79	202.21 8.58 2.25	181.59 7.80 0.30	167.83 7.60 1.39	161.75 7.43 1.33	159.57 7.40 0.11	200.70 7.66 0.00	163.44 7.16 1.15	183.56 8.22 0.00	186.03 7.91 0.00	187.26 7.63 0.00	160.66 7.34 0.00	180.75 6.99 -3.47	154.88 6.04 -7.31	132.30 5.20 -4.29
HARSNRAD_115KV_TB1 81005	135.05 -14.71 0.00	129.96 -13.75 0.00	111.27 -12.13 0.00	101.69 -12.33 0.00	106.02 -12.70 0.45	109.92 -14.86 1.98	120.69 -18.90 1.59	132.40 -23.25 9.93	148.70 -25.52 12.38	202.85 -37.03 20.65	154.19 -26.96 14.71	148.37 -24.20 1.52	130.93 -23.77 6.92	126.15 -22.85 6.65	128.53 -23.21 0.53	167.56 -25.48 0.00	128.51 -23.14 5.79	2.86 -24.74 147.74	72.21 -24.71 81.20	151.64 -22.76 5.23	131.77 -21.53 0.01	148.58 -21.49 0.22	124.57 -16.88 0.08	107.63 -15.18 0.01
HARZA MOOSE___RIVER 24016	152.45 2.69 0.00	146.78 3.07 0.00	125.12 1.71 0.00	115.06 1.04 0.00	121.47 2.40 0.10	129.67 3.35 0.45	145.08 4.26 0.36	170.30 5.78 1.07	191.95 6.78 1.42	267.40 9.33 2.46	200.06 6.70 2.52	178.74 4.99 0.34	164.74 4.68 1.56	158.84 4.69 1.50	157.37 5.22 0.12	200.66 7.62 0.00	161.72 5.58 1.29	181.82 6.49 0.00	184.82 6.70 0.00	185.14 5.51 0.00	155.22 1.90 0.00	171.55 1.26 0.00	142.22 0.68 0.00	123.32 0.50 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	145.56 -4.21 0.00	139.59 -4.12 0.00	119.81 -3.59 0.00	110.72 -3.30 0.00	115.41 -3.26 0.50	121.01 -3.56 2.20	135.70 -3.72 1.76	155.88 -4.42 5.28	174.67 -4.92 7.00	241.23 -7.14 12.16	178.28 -5.13 12.46	167.77 -4.63 1.69	149.66 -4.27 7.69	144.18 -4.07 7.39	147.54 -4.14 0.59	188.33 -4.72 0.00	146.79 -4.25 6.39	170.77 -4.57 0.00	173.64 -4.48 0.00	175.25 -4.38 0.00	149.23 -4.08 0.00	165.81 -4.49 0.00	137.57 -3.96 0.00	119.13 -3.69 0.00
HELLGATE_13_KV_LD 55870	156.75 6.99 0.00	151.10 6.70 -0.68	129.35 5.94 0.00	124.93 5.91 -4.99	130.32 5.72 -5.43	161.90 5.56 -29.57	155.94 6.53 -8.23	179.12 8.22 -5.32	206.17 8.89 -10.68	273.05 13.13 0.61	204.82 11.11 2.16	184.00 10.20 0.30	170.33 10.05 1.34	164.04 9.68 1.29	161.98 9.81 0.10	203.23 10.19 0.00	165.70 9.38 1.11	185.91 10.57 0.00	187.86 9.75 0.00	188.66 9.03 0.00	162.33 9.01 0.00	182.48 8.47 -3.71	157.11 7.75 -7.82	134.31 6.91 -4.59
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	156.75 6.99 0.00	151.10 6.70 -0.68	129.35 5.94 0.00	124.93 5.91 -4.99	130.32 5.72 -5.43	161.90 5.56 -29.57	155.94 6.53 -8.23	179.12 8.22 -5.32	206.17 8.89 -10.68	273.05 13.13 0.61	204.82 11.11 2.16	184.00 10.20 0.30	170.33 10.05 1.34	164.04 9.68 1.29	161.98 9.81 0.10	203.23 10.19 0.00	165.70 9.38 1.11	185.91 10.57 0.00	187.86 9.75 0.00	188.66 9.03 0.00	162.33 9.01 0.00	182.48 8.47 -3.71	157.11 7.75 -7.82	134.31 6.91 -4.59
HEMPSTEAD____ 23647	141.86 4.33 12.23	139.53 3.91 8.09	127.33 3.98 0.05	123.80 4.78 -5.00	128.73 4.14 -5.43	145.58 2.94 -15.88	146.74 3.83 -1.74	170.97 3.97 -1.41	197.48 4.21 -6.68	267.47 7.55 0.60	200.80 7.10 2.16	180.11 6.31 0.29	166.93 6.66 1.34	160.81 6.45 1.28	159.02 6.85 0.10	198.86 5.82 0.00	163.02 6.69 1.11	181.86 7.16 0.63	185.28 7.17 0.00	186.34 6.71 0.00	160.22 6.90 0.00	179.64 5.63 -3.71	154.28 4.91 -7.82	131.89 4.49 -4.59
HICKLING___1 23621	142.90 -6.87 0.00	136.86 -7.08 -0.23	117.14 -6.26 0.00	109.52 -6.19 -1.69	115.69 -4.93 -1.45	129.16 -5.90 -8.29	136.90 -5.68 -1.42	155.36 -7.94 2.29	175.54 -9.31 1.74	237.12 -13.81 9.60	176.34 -9.15 10.38	164.49 -8.19 1.41	147.58 -7.63 6.41	141.76 -7.73 6.16	143.88 -7.90 0.49	185.58 -7.46 0.00	144.33 -7.78 5.32	167.39 -7.95 0.00	171.27 -6.84 0.00	173.48 -6.15 0.00	146.04 -7.27 0.00	164.15 -7.37 -1.23	137.69 -6.43 -2.59	118.07 -6.26 -1.52
HICKLING___2 23622	142.90 -6.87 0.00	136.86 -7.08 -0.23	117.14 -6.26 0.00	109.52 -6.19 -1.69	115.69 -4.93 -1.45	129.16 -5.90 -8.29	136.90 -5.68 -1.42	155.36 -7.94 2.29	175.54 -9.31 1.74	237.12 -13.81 9.60	176.34 -9.15 10.38	164.49 -8.19 1.41	147.58 -7.63 6.41	141.76 -7.73 6.16	143.88 -7.90 0.49	185.58 -7.46 0.00	144.33 -7.78 5.32	167.39 -7.95 0.00	171.27 -6.84 0.00	173.48 -6.15 0.00	146.04 -7.27 0.00	164.15 -7.37 -1.23	137.69 -6.43 -2.59	118.07 -6.26 -1.52
HIGH FALLS___HY 23754	156.69 6.92 0.00	150.90 6.26 -0.92	129.03 5.62 0.00	126.43 5.65 -6.76	132.12 5.57 -7.38	172.56 5.62 -40.18	159.10 6.68 -11.25	181.56 8.45 -7.52	210.68 9.29 -14.79	273.65 13.22 0.09	204.21 10.49 2.16	183.42 9.62 0.29	169.45 9.17 1.33	163.41 9.04 1.28	161.35 9.18 0.10	202.71 9.67 0.00	165.22 8.89 1.11	185.76 10.42 0.00	188.24 10.13 0.00	189.43 9.80 0.00	162.47 9.16 0.00	184.15 8.84 -5.02	159.37 7.24 -10.59	135.08 6.05 -6.21
HIGH_RIVER___SOLAR 323847	154.98 5.21 0.00	155.99 4.92 -7.35	127.60 4.20 0.00	171.72 3.92 -53.78	182.74 4.28 -59.29	453.93 4.91 -322.25	238.68 5.89 -91.61	239.11 7.31 -66.22	325.12 7.45 -131.08	284.68 8.74 -15.42	199.24 5.46 2.09	177.74 3.93 0.28	163.95 3.62 1.29	157.46 3.05 1.24	155.80 3.63 0.10	200.41 7.37 0.00	163.38 7.02 1.07	183.31 7.97 0.00	185.93 7.81 0.00	187.38 7.75 0.00	159.96 6.64 0.00	217.45 7.15 -40.01	231.54 5.61 -84.39	176.86 4.56 -49.49
HILLBURN___GT 23639	154.62 4.85 0.00	148.77 4.41 -0.65	127.45 4.05 0.00	123.00 4.23 -4.74	128.26 3.95 -5.15	158.53 3.70 -28.06	153.36 4.41 -7.77	175.93 5.38 -4.96	202.35 5.73 -10.03	268.61 8.83 0.75	201.03 7.39 2.23	180.53 6.74 0.30	166.81 6.57 1.38	160.80 6.47 1.32	158.66 6.49 0.10	199.35 6.30 0.00	162.38 6.09 1.14	182.36 7.02 0.00	184.80 6.68 0.00	185.95 6.32 0.00	159.72 6.41 0.00	179.65 5.84 -3.52	154.15 5.20 -7.42	131.72 4.56 -4.35
HILLSIDE_115KV_TB1 80332	141.74 -8.02 0.00	135.90 -8.05 -0.24	116.25 -7.16 0.00	108.77 -7.00 -1.74	114.68 -6.00 -1.51	128.23 -7.19 -8.65	135.72 -6.98 -1.52	153.76 -9.64 2.19	174.03 -10.99 1.58	234.48 -16.53 9.52	174.13 -11.42 10.32	162.62 -10.08 1.40	146.04 -9.21 6.37	140.33 -9.19 6.12	142.59 -9.19 0.49	183.54 -9.50 0.00	142.77 -9.37 5.29	165.38 -9.96 0.00	169.13 -8.98 0.00	171.16 -8.47 0.00	144.54 -8.78 0.00	162.49 -9.08 -1.27	136.31 -7.91 -2.68	117.01 -7.38 -1.57

HISHELDN_WT_PWR 323625	128.20 -12.02 9.55	132.43 -11.28 0.00	113.57 -9.84 0.00	103.41 -10.04 0.58	99.24 -9.59 10.34	77.24 -11.12 38.40	120.33 -13.75 7.09	106.84 -16.97 41.78	137.15 -18.68 30.77	197.15 -27.17 36.21	140.29 -19.38 36.20	129.71 -17.90 26.48	117.09 -17.39 27.14	115.59 -17.35 22.71	129.14 -17.93 5.20	112.58 -18.75 61.72	134.09 -17.69 5.65	154.35 -18.82 2.17	130.55 -18.10 29.46	95.16 -16.21 68.27	127.89 -16.85 8.57	108.67 -16.79 44.84	100.63 -13.36 27.54	89.50 -12.28 21.03
HOLTSVILLE_IC_1 23690	126.90 3.16 26.02	128.34 2.80 18.17	126.54 3.26 0.12	123.68 4.66 -5.00	128.30 3.71 -5.43	128.72 1.80 -0.16	138.36 2.91 5.72	166.53 2.21 1.27	195.53 2.58 -6.36	351.65 5.85 -85.27	208.26 5.23 -7.16	178.21 4.41 0.30	165.50 5.22 1.34	159.73 5.37 1.29	158.17 6.01 0.10	197.14 4.10 0.01	164.36 6.04 -0.89	181.58 5.76 -0.49	193.26 6.59 -8.56	185.92 6.29 0.00	161.82 6.08 -2.43	178.35 4.34 -3.71	204.81 4.30 -58.97	144.74 4.33 -17.59
HOLTSVILLE_IC_10 23699	128.07 4.05 25.75	129.37 3.64 17.98	127.29 4.00 0.12	124.39 5.37 -5.00	129.04 4.45 -5.43	129.79 2.56 -0.46	139.47 3.87 5.58	167.67 3.29 1.21	196.69 4.00 -6.10	350.11 7.70 -81.88	208.95 6.36 -6.72	179.40 5.60 0.30	166.66 6.38 1.34	160.84 6.48 1.29	159.28 7.12 0.10	198.59 5.55 0.01	165.48 7.27 -0.78	182.83 7.07 -0.43	194.48 8.13 -8.24	187.46 7.82 0.00	162.88 7.24 -2.34	179.62 5.61 -3.71	203.82 5.25 -57.03	145.02 5.10 -17.10
HOLTSVILLE_IC_2 23691	126.90 3.16 26.02	128.34 2.80 18.17	126.54 3.26 0.12	123.68 4.66 -5.00	128.30 3.71 -5.43	128.72 1.80 -0.16	138.36 2.91 5.72	166.53 2.21 1.27	195.53 2.58 -6.36	351.65 5.85 -85.27	208.26 5.23 -7.16	178.21 4.41 0.30	165.50 5.22 1.34	159.73 5.37 1.29	158.17 6.01 0.10	197.14 4.10 0.01	164.36 6.04 -0.89	181.58 5.76 -0.49	193.26 6.59 -8.56	185.92 6.29 0.00	161.82 6.08 -2.43	178.35 4.34 -3.71	204.81 4.30 -58.97	144.74 4.33 -17.59
HOLTSVILLE_IC_3 23692	126.90 3.16 26.02	128.34 2.80 18.17	126.54 3.26 0.12	123.68 4.66 -5.00	128.30 3.71 -5.43	128.72 1.80 -0.16	138.36 2.91 5.72	166.53 2.21 1.27	195.53 2.58 -6.36	351.65 5.85 -85.27	208.26 5.23 -7.16	178.21 4.41 0.30	165.50 5.22 1.34	159.73 5.37 1.29	158.17 6.01 0.10	197.14 4.10 0.01	164.36 6.04 -0.89	181.58 5.76 -0.49	193.26 6.59 -8.56	185.92 6.29 0.00	161.82 6.08 -2.43	178.35 4.34 -3.71	204.81 4.30 -58.97	144.74 4.33 -17.59
HOLTSVILLE_IC_4 23693	126.90 3.16 26.02	128.34 2.80 18.17	126.54 3.26 0.12	123.68 4.66 -5.00	128.30 3.71 -5.43	128.72 1.80 -0.16	138.36 2.91 5.72	166.53 2.21 1.27	195.53 2.58 -6.36	351.65 5.85 -85.27	208.26 5.23 -7.16	178.21 4.41 0.30	165.50 5.22 1.34	159.73 5.37 1.29	158.17 6.01 0.10	197.14 4.10 0.01	164.36 6.04 -0.89	181.58 5.76 -0.49	193.26 6.59 -8.56	185.92 6.29 0.00	161.82 6.08 -2.43	178.35 4.34 -3.71	204.81 4.30 -58.97	144.74 4.33 -17.59
HOLTSVILLE_IC_5 23694	126.90 3.16 26.02	128.34 2.80 18.17	126.54 3.26 0.12	123.68 4.66 -5.00	128.30 3.71 -5.43	128.72 1.80 -0.16	138.36 2.91 5.72	166.53 2.21 1.27	195.53 2.58 -6.36	351.65 5.85 -85.27	208.26 5.23 -7.16	178.21 4.41 0.30	165.50 5.22 1.34	159.73 5.37 1.29	158.17 6.01 0.10	197.14 4.10 0.01	164.36 6.04 -0.89	181.58 5.76 -0.49	193.26 6.59 -8.56	185.92 6.29 0.00	161.82 6.08 -2.43	178.35 4.34 -3.71	204.81 4.30 -58.97	144.74 4.33 -17.59
HOLTSVILLE_IC_6 23695	128.07 4.05 25.75	129.37 3.64 17.98	127.29 4.00 0.12	124.39 5.37 -5.00	129.04 4.45 -5.43	129.79 2.56 -0.46	139.47 3.87 5.58	167.67 3.29 1.21	196.69 4.00 -6.10	350.11 7.70 -81.88	208.95 6.36 -6.72	179.40 5.60 0.30	166.66 6.38 1.34	160.84 6.48 1.29	159.28 7.12 0.10	198.59 5.55 0.01	165.48 7.27 -0.78	182.83 7.07 -0.43	194.48 8.13 -8.24	187.46 7.82 0.00	162.88 7.24 -2.34	179.62 5.61 -3.71	203.82 5.25 -57.03	145.02 5.10 -17.10
HOLTSVILLE_IC_7 23696	128.07 4.05 25.75	129.37 3.64 17.98	127.29 4.00 0.12	124.39 5.37 -5.00	129.04 4.45 -5.43	129.79 2.56 -0.46	139.47 3.87 5.58	167.67 3.29 1.21	196.69 4.00 -6.10	350.11 7.70 -81.88	208.95 6.36 -6.72	179.40 5.60 0.30	166.66 6.38 1.34	160.84 6.48 1.29	159.28 7.12 0.10	198.59 5.55 0.01	165.48 7.27 -0.78	182.83 7.07 -0.43	194.48 8.13 -8.24	187.46 7.82 0.00	162.88 7.24 -2.34	179.62 5.61 -3.71	203.82 5.25 -57.03	145.02 5.10 -17.10
HOLTSVILLE_IC_8 23697	128.07 4.05 25.75	129.37 3.64 17.98	127.29 4.00 0.12	124.39 5.37 -5.00	129.04 4.45 -5.43	129.79 2.56 -0.46	139.47 3.87 5.58	167.67 3.29 1.21	196.69 4.00 -6.10	350.11 7.70 -81.88	208.95 6.36 -6.72	179.40 5.60 0.30	166.66 6.38 1.34	160.84 6.48 1.29	159.28 7.12 0.10	198.59 5.55 0.01	165.48 7.27 -0.78	182.83 7.07 -0.43	194.48 8.13 -8.24	187.46 7.82 0.00	162.88 7.24 -2.34	179.62 5.61 -3.71	203.82 5.25 -57.03	145.02 5.10 -17.10
HOLTSVILLE_IC_9 23698	128.07 4.05 25.75	129.37 3.64 17.98	127.29 4.00 0.12	124.39 5.37 -5.00	129.04 4.45 -5.43	129.79 2.56 -0.46	139.47 3.87 5.58	167.67 3.29 1.21	196.69 4.00 -6.10	350.11 7.70 -81.88	208.95 6.36 -6.72	179.40 5.60 0.30	166.66 6.38 1.34	160.84 6.48 1.29	159.28 7.12 0.10	198.59 5.55 0.01	165.48 7.27 -0.78	182.83 7.07 -0.43	194.48 8.13 -8.24	187.46 7.82 0.00	162.88 7.24 -2.34	179.62 5.61 -3.71	203.82 5.25 -57.03	145.02 5.10 -17.10
HOMER_HL_115KV_TB2 355744	142.56 -7.20 0.00	137.58 -6.14 0.00	117.91 -5.50 0.00	107.61 -6.41 0.00	112.80 -5.93 0.44	117.15 -7.68 1.94	130.44 -9.18 1.55	150.09 -10.85 4.65	170.13 -10.27 6.19	234.11 -15.67 10.74	172.43 -12.49 10.95	161.22 -11.39 1.49	143.75 -11.11 6.76	138.15 -10.99 6.50	140.07 -11.68 0.52	182.44 -10.60 0.00	140.12 -11.70 5.62	162.07 -13.27 0.00	165.06 -13.05 0.00	168.69 -10.94 0.00	141.50 -11.81 0.00	159.34 -10.96 0.00	132.75 -8.78 0.00	114.29 -8.53 0.00
HOWARD_WT_PWR 323690	137.89 -11.87 0.00	131.05 -12.85 -0.19	112.76 -10.65 0.00	105.30 -10.14 -1.41	112.83 -7.47 -1.13	125.09 -8.25 -6.57	133.51 -8.56 -0.90	152.10 -10.75 2.74	185.97 -12.56 -11.93	248.41 -17.10 -4.98	177.28 -10.41 8.18	163.03 -9.62 1.45	145.71 -9.33 6.58	139.72 -9.60 6.32	142.03 -9.74 0.50	184.01 -9.04 0.00	142.64 -9.33 5.46	166.61 -8.73 0.00	170.73 -7.39 0.00	172.66 -6.97 0.00	142.45 -10.86 0.00	160.38 -10.95 -1.03	134.89 -8.82 -2.18	115.91 -8.18 -1.28
HQ_GEN_CEDARS 23644	152.95 3.18 0.00	146.86 3.15 0.00	125.98 2.57 0.00	116.12 2.10 0.00	121.18 2.01 0.00	129.41 2.64 0.00	143.18 2.01 0.00	169.14 3.56 0.00	190.58 3.98 0.00	265.68 5.15 0.00	198.21 2.34 0.00	176.43 2.33 0.00	163.36 1.75 0.00	157.33 1.69 0.00	154.02 1.75 0.00	195.94 2.90 0.00	160.90 3.47 0.00	179.06 3.72 0.00	182.03 3.92 0.00	183.24 3.61 0.00	154.90 1.59 0.00	171.97 1.67 0.00	143.12 1.59 0.00	125.38 2.56 0.00
HQ_GEN_CEDARS_PROXY 323590	152.95 3.18 0.00	146.86 3.15 0.00	125.98 2.57 0.00	116.12 2.10 0.00	121.18 2.01 0.00	129.41 2.64 0.00	143.18 2.01 0.00	169.15 3.56 0.00	190.58 3.98 0.00	265.68 5.15 0.00	198.21 2.34 0.00	176.41 2.32 0.00	163.36 1.75 0.00	157.33 1.69 0.00	154.02 1.75 0.00	195.94 2.90 0.00	160.87 3.44 0.00	179.06 3.72 0.00	182.03 3.92 0.00	183.24 3.61 0.00	154.91 1.60 0.00	175.50 1.67 -3.54	143.12 1.59 0.00	125.38 2.56 0.00

HQ_GEN_IMPORT 323601	150.61 0.84 0.00	144.50 0.79 0.00	124.01 0.61 0.00	114.46 0.44 0.00	122.85 0.45 -3.24	130.37 0.77 -2.83	146.54 0.84 -4.53	166.63 1.04 0.00	187.81 1.22 0.00	262.06 1.53 0.00	196.81 0.93 0.00	175.11 1.02 0.00	162.30 0.68 0.00	156.27 0.63 0.00	152.95 0.68 0.00	194.19 1.15 0.00	158.53 1.10 0.00	173.70 1.19 2.83	179.41 1.30 0.00	180.85 1.22 0.00	153.19 0.76 0.87	171.15 0.86 0.00	142.24 0.71 0.00	122.00 0.76 1.58
HQ_GEN_WHEEL 23651	150.61 0.84 0.00	144.50 0.79 0.00	124.01 0.61 0.00	114.46 0.44 0.00	122.85 0.45 -3.24	130.37 0.77 -2.83	146.54 0.84 -4.53	166.63 1.04 0.00	187.81 1.22 0.00	262.06 1.53 0.00	196.81 0.93 0.00	175.11 1.02 0.00	162.30 0.68 0.00	156.27 0.63 0.00	152.95 0.68 0.00	194.19 1.15 0.00	158.53 1.10 0.00	173.70 1.19 2.83	179.41 1.30 0.00	180.85 1.22 0.00	153.19 0.76 0.87	171.15 0.86 0.00	142.24 0.71 0.00	122.00 0.76 1.58
HUDSON_AVE_GT_3 23810	156.38 6.61 0.00	150.46 6.06 -0.68	128.79 5.39 0.00	124.47 5.46 -4.99	129.82 5.23 -5.43	161.53 5.19 -29.57	155.41 6.00 -8.23	178.42 7.52 -5.32	205.30 8.02 -10.68	272.03 12.11 0.61	203.86 10.15 2.16	182.93 9.13 0.30	169.21 8.92 1.34	163.03 8.67 1.29	160.95 8.78 0.10	202.03 8.98 0.00	164.58 8.26 1.11	184.66 9.32 0.00	186.90 8.79 0.00	187.84 8.21 0.00	161.43 8.12 0.00	181.79 7.78 -3.71	156.24 6.88 -7.82	133.50 6.09 -4.59
HUDSON_AVE_GT_4 23540	156.38 6.61 0.00	150.46 6.06 -0.68	128.79 5.39 0.00	124.47 5.46 -4.99	129.82 5.23 -5.43	161.53 5.19 -29.57	155.41 6.00 -8.23	178.42 7.52 -5.32	205.30 8.02 -10.68	272.03 12.11 0.61	203.86 10.15 2.16	182.93 9.13 0.30	169.21 8.92 1.34	163.03 8.67 1.29	160.95 8.78 0.10	202.03 8.98 0.00	164.58 8.26 1.11	184.66 9.32 0.00	186.90 8.79 0.00	187.84 8.21 0.00	161.43 8.12 0.00	181.79 7.78 -3.71	156.24 6.88 -7.82	133.50 6.09 -4.59
HUDSON_AVE_GT_5 23657	156.38 6.61 0.00	150.46 6.06 -0.68	128.79 5.39 0.00	124.47 5.46 -4.99	129.82 5.23 -5.43	161.53 5.19 -29.57	155.41 6.00 -8.23	178.42 7.52 -5.32	205.30 8.02 -10.68	272.03 12.11 0.61	203.86 10.15 2.16	182.93 9.13 0.30	169.21 8.92 1.34	163.03 8.67 1.29	160.95 8.78 0.10	202.03 8.98 0.00	164.58 8.26 1.11	184.66 9.32 0.00	186.90 8.79 0.00	187.84 8.21 0.00	161.43 8.12 0.00	181.79 7.78 -3.71	156.24 6.88 -7.82	133.50 6.09 -4.59
HUDSON_AVE_10 24168	155.97 6.20 0.00	150.06 5.67 -0.68	128.45 5.05 0.00	124.14 5.13 -4.99	129.50 4.90 -5.43	161.15 4.81 -29.57	154.99 5.58 -8.23	177.98 7.08 -5.32	204.80 7.53 -10.68	271.25 11.33 0.61	203.20 9.50 2.16	182.38 8.58 0.30	168.69 8.41 1.34	162.47 8.11 1.29	160.48 8.31 0.10	201.40 8.36 0.00	164.13 7.81 1.11	184.16 8.82 0.00	186.33 8.22 0.00	187.30 7.67 0.00	160.98 7.67 0.00	181.28 7.27 -3.71	155.85 6.49 -7.82	133.16 5.75 -4.59
HUDSON___115KV_TB 4 355613	158.66 8.89 0.00	155.39 8.92 -2.76	131.22 7.81 0.00	141.46 7.27 -20.17	148.95 7.59 -22.20	255.19 7.73 -120.69	183.91 8.52 -34.22	199.79 9.78 -24.42	243.84 10.67 -46.58	280.24 15.50 -4.21	205.30 11.20 1.77	182.87 9.01 0.24	169.36 8.84 1.09	162.78 8.18 1.05	159.86 7.68 0.08	203.08 10.03 0.00	164.60 8.08 0.91	184.43 9.10 0.00	187.36 9.24 0.00	188.97 9.34 0.00	161.79 8.48 0.00	195.01 9.71 -15.00	181.72 8.54 -31.64	148.75 7.37 -18.56
HUNTER MOUNT___DRP 323613	160.10 10.34 0.00	156.41 10.34 -2.36	132.44 9.04 0.00	139.54 8.27 -17.24	146.84 8.71 -18.96	238.82 8.93 -103.12	180.35 9.97 -29.21	197.89 11.57 -20.74	238.69 12.61 -39.49	281.97 18.19 -3.25	206.91 12.87 1.82	184.13 10.29 0.25	170.63 10.14 1.13	163.88 9.32 1.08	160.97 8.78 0.09	204.98 11.93 0.00	166.19 9.69 0.94	186.29 10.96 0.00	189.24 11.13 0.00	190.84 11.21 0.00	163.31 10.00 0.00	194.48 11.37 -12.82	178.39 9.81 -27.05	147.07 8.39 -15.86
HUNTINGTON_RES_REC 323705	126.97 2.85 25.65	128.31 2.50 17.90	126.33 3.04 0.12	123.56 4.54 -5.00	128.12 3.52 -5.43	128.82 1.48 -0.58	138.15 2.49 5.52	166.05 1.65 1.18	191.88 2.00 -3.29	228.36 4.99 37.17	194.42 4.58 6.03	177.77 3.97 0.30	165.02 4.74 1.34	159.12 4.76 1.29	157.57 5.40 0.10	196.77 3.72 0.01	165.11 5.60 -2.09	182.93 5.58 -2.01	199.95 6.28 -15.55	185.49 5.86 -0.01	163.37 5.65 -4.41	177.97 3.97 -3.71	131.31 3.78 14.01	125.58 3.73 0.97
HUNTLEY___63 23557	137.00 -12.77 0.00	131.93 -11.78 0.00	112.89 -10.51 0.00	103.08 -10.94 0.00	107.55 -11.17 0.45	111.67 -13.12 1.98	122.86 -16.73 1.58	140.60 -20.62 4.37	158.37 -22.37 5.85	217.86 -32.45 10.23	161.53 -23.40 10.94	151.48 -21.10 1.52	133.76 -20.95 6.91	128.72 -20.29 6.64	130.96 -20.78 0.53	171.07 -21.98 0.00	130.91 -20.79 5.74	163.94 -22.16 -10.76	162.18 -21.85 -5.92	160.47 -19.54 -0.38	134.10 -19.21 0.00	151.20 -19.11 -0.02	126.49 -15.05 0.00	109.27 -13.54 0.00
HUNTLEY___64 23558	137.00 -12.77 0.00	131.93 -11.78 0.00	112.89 -10.51 0.00	103.08 -10.94 0.00	107.55 -11.17 0.45	111.67 -13.12 1.98	122.86 -16.73 1.58	140.60 -20.62 4.37	158.37 -22.37 5.85	217.86 -32.45 10.23	161.53 -23.40 10.94	151.48 -21.10 1.52	133.76 -20.95 6.91	128.72 -20.29 6.64	130.96 -20.78 0.53	171.07 -21.98 0.00	130.91 -20.79 5.74	163.94 -22.16 -10.76	162.18 -21.85 -5.92	160.47 -19.54 -0.38	134.10 -19.21 0.00	151.20 -19.11 -0.02	126.49 -15.05 0.00	109.27 -13.54 0.00
HUNTLEY___65 23559	137.00 -12.77 0.00	131.93 -11.78 0.00	112.89 -10.51 0.00	103.08 -10.94 0.00	107.55 -11.17 0.45	111.67 -13.12 1.98	122.86 -16.73 1.58	140.60 -20.62 4.37	158.37 -22.37 5.85	217.86 -32.45 10.23	161.53 -23.40 10.94	151.48 -21.10 1.52	133.76 -20.95 6.91	128.72 -20.29 6.64	130.96 -20.78 0.53	171.07 -21.98 0.00	130.91 -20.79 5.74	163.94 -22.16 -10.76	162.18 -21.85 -5.92	160.47 -19.54 -0.38	134.10 -19.21 0.00	151.20 -19.11 -0.02	126.49 -15.05 0.00	109.27 -13.54 0.00
HUNTLEY___66 23560	137.00 -12.77 0.00	131.93 -11.78 0.00	112.89 -10.51 0.00	103.08 -10.94 0.00	107.55 -11.17 0.45	111.67 -13.12 1.98	122.86 -16.73 1.58	140.60 -20.62 4.37	158.37 -22.37 5.85	217.86 -32.45 10.23	161.53 -23.40 10.94	151.48 -21.10 1.52	133.76 -20.95 6.91	128.72 -20.29 6.64	130.96 -20.78 0.53	171.07 -21.98 0.00	130.91 -20.79 5.74	163.94 -22.16 -10.76	162.18 -21.85 -5.92	160.47 -19.54 -0.38	134.10 -19.21 0.00	151.20 -19.11 -0.02	126.49 -15.05 0.00	109.27 -13.54 0.00
HUNTLEY___67 23561	137.43 -12.33 0.00	132.18 -11.53 0.00	113.15 -10.25 0.00	103.40 -10.63 0.00	107.91 -10.81 0.45	112.00 -12.80 1.98	123.50 -16.09 1.59	140.78 -19.94 4.87	158.33 -21.82 6.44	217.52 -31.84 11.16	161.48 -23.11 11.28	151.73 -20.84 1.52	134.22 -20.48 6.91	129.31 -19.69 6.64	131.57 -20.17 0.53	171.41 -21.64 0.00	131.54 -20.15 5.74	150.28 -21.57 3.49	154.71 -21.49 1.92	160.13 -19.37 0.12	134.58 -18.73 0.00	151.56 -18.73 0.00	126.69 -14.84 0.00	109.50 -13.31 0.00
HUNTLEY___68 23562	137.43 -12.33 0.00	132.18 -11.53 0.00	113.15 -10.25 0.00	103.40 -10.63 0.00	107.91 -10.81 0.45	112.00 -12.80 1.98	123.50 -16.09 1.59	140.78 -19.94 4.87	158.33 -21.82 6.44	217.52 -31.84 11.16	161.48 -23.11 11.28	151.73 -20.84 1.52	134.22 -20.48 6.91	129.31 -19.69 6.64	131.57 -20.17 0.53	171.41 -21.64 0.00	131.54 -20.15 5.74	150.28 -21.57 3.49	154.71 -21.49 1.92	160.13 -19.37 0.12	134.58 -18.73 0.00	151.56 -18.73 0.00	126.69 -14.84 0.00	109.50 -13.31 0.00

HYLAND___LFGE 323620	130.37 -16.84 2.56	126.97 -16.74 0.00	109.32 -14.09 0.00	101.43 -12.43 0.16	103.73 -12.35 3.09	101.95 -13.12 11.70	122.74 -15.41 3.03	133.52 -17.47 14.60	160.08 -20.40 6.12	220.66 -29.24 10.62	158.85 -20.49 16.53	147.29 -18.60 8.20	131.11 -18.31 12.20	126.29 -18.54 10.81	131.89 -18.61 1.77	156.33 -20.15 16.56	134.70 -17.14 5.59	157.46 -17.29 0.59	153.06 -17.07 7.99	145.18 -15.96 18.49	134.37 -16.63 2.32	140.08 -18.08 12.14	119.23 -14.84 7.46	104.06 -13.06 5.70
INDECK___CORINTH 23802	161.91 12.14 0.00	163.01 11.91 -7.39	133.68 10.28 0.00	177.58 9.55 -54.01	188.89 10.10 -59.63	461.72 10.94 -324.01	246.03 12.56 -92.30	248.15 15.18 -67.39	336.30 17.42 -132.28	301.49 23.59 -17.37	212.72 16.84 0.00	188.27 14.17 0.00	175.04 13.42 0.00	168.26 12.61 0.00	165.47 13.20 0.00	209.83 16.78 0.00	171.11 13.68 0.00	191.05 15.72 0.00	193.99 15.88 0.00	196.15 16.52 0.00	167.31 14.00 0.00	226.19 15.72 -40.18	238.83 12.54 -84.76	182.94 10.42 -49.71
INDECK___ILION 23567	154.12 4.36 0.00	148.02 4.31 0.00	127.04 3.64 0.00	117.62 3.59 0.00	123.05 3.87 0.00	131.23 4.46 0.00	146.51 5.33 0.00	172.06 6.48 0.00	193.69 7.09 0.00	269.87 9.35 0.00	202.46 6.58 0.00	179.33 5.24 0.00	166.64 5.02 0.00	160.00 4.36 0.00	157.05 4.78 0.00	200.14 7.09 0.00	163.24 5.80 0.00	181.84 6.50 0.00	184.63 6.52 0.00	186.41 6.78 0.00	159.34 6.03 0.00	177.32 7.02 0.00	147.17 5.64 0.00	127.42 4.60 0.00
INDECK___OLEAN 23982	120.22 -7.30 22.24	137.55 -6.16 0.00	117.92 -5.49 0.00	106.28 -6.40 1.34	89.68 -6.01 23.49	32.31 -7.63 86.83	117.54 -9.20 14.44	63.53 -10.61 91.45	102.72 -10.07 73.80	164.34 -15.40 80.79	111.88 -12.25 71.75	102.77 -11.00 60.33	96.16 -10.81 54.65	100.37 -10.76 44.52	129.20 -11.59 11.48	38.18 -10.21 144.65	140.34 -11.47 5.62	157.14 -13.16 5.04	96.86 -12.70 68.56	10.14 -10.61 158.88	121.55 -11.81 19.95	55.30 -10.65 104.35	68.87 -8.58 64.10	65.43 -8.44 48.94
INDECK___OSWEGO 23783	143.00 -6.76 0.00	137.12 -6.60 0.00	117.62 -5.79 0.00	108.58 -5.44 0.00	114.20 -5.38 -0.41	122.90 -5.69 -1.83	136.46 -6.17 -1.46	162.71 -7.25 -4.38	184.39 -8.01 -5.81	259.29 -11.32 -10.08	197.85 -8.35 -10.33	167.91 -7.58 -1.40	160.97 -7.02 -6.38	155.07 -6.71 -6.13	146.31 -6.45 -0.49	185.15 -7.89 0.00	155.99 -6.74 -5.30	168.30 -7.03 0.00	170.81 -7.30 0.00	172.24 -7.39 0.00	146.53 -6.79 0.00	162.66 -7.64 0.00	134.99 -6.54 0.00	116.94 -5.88 0.00
INDECK___YERKES 23781	121.82 -12.93 15.02	131.84 -11.87 0.00	112.85 -10.56 0.00	102.15 -10.97 0.91	91.88 -11.28 16.01	54.49 -12.98 59.30	114.16 -16.73 10.29	82.67 -20.21 62.71	118.54 -22.04 46.01	176.66 -32.04 51.83	122.01 -23.01 50.84	112.54 -20.60 40.95	102.06 -20.55 39.00	103.52 -19.96 32.16	123.65 -20.71 7.91	74.15 -21.50 97.39	131.17 -20.52 5.74	160.68 -22.03 -7.38	116.51 -21.42 40.19	54.13 -19.03 106.47	120.70 -19.19 13.41	81.48 -18.66 70.16	83.72 -14.71 43.10	76.48 -13.42 32.91
INDIAN POINT_GT_1 24139	154.88 5.12 0.00	149.08 4.69 -0.68	127.68 4.27 0.00	123.42 4.46 -4.94	128.73 4.19 -5.37	160.00 3.97 -29.27	153.93 4.61 -8.14	176.50 5.68 -5.24	203.20 6.05 -10.55	269.12 9.23 0.63	201.48 7.79 2.18	180.82 7.02 0.30	167.17 6.89 1.34	161.11 6.75 1.29	158.97 6.80 0.10	199.67 6.63 0.00	162.62 6.31 1.12	182.54 7.20 0.00	185.00 6.89 0.00	186.21 6.58 0.00	159.94 6.62 0.00	180.18 6.22 -3.67	154.72 5.44 -7.74	132.17 4.82 -4.54
INDIAN POINT_GT_2 23659	154.88 5.12 0.00	149.08 4.69 -0.68	127.68 4.27 0.00	123.42 4.46 -4.94	128.73 4.19 -5.37	160.00 3.97 -29.27	153.93 4.61 -8.14	176.50 5.68 -5.24	203.20 6.05 -10.55	269.12 9.23 0.63	201.48 7.79 2.18	180.82 7.02 0.30	167.17 6.89 1.34	161.11 6.75 1.29	158.97 6.80 0.10	199.67 6.63 0.00	162.62 6.31 1.12	182.54 7.20 0.00	185.00 6.89 0.00	186.21 6.58 0.00	159.94 6.62 0.00	180.18 6.22 -3.67	154.72 5.44 -7.74	132.17 4.82 -4.54
INDIAN POINT_GT_3 24019	154.88 5.12 0.00	149.08 4.69 -0.68	127.68 4.27 0.00	123.42 4.46 -4.94	128.73 4.19 -5.37	160.00 3.97 -29.27	153.93 4.61 -8.14	176.50 5.68 -5.24	203.20 6.05 -10.55	269.12 9.23 0.63	201.48 7.79 2.18	180.82 7.02 0.30	167.17 6.89 1.34	161.11 6.75 1.29	158.97 6.80 0.10	199.67 6.63 0.00	162.62 6.31 1.12	182.54 7.20 0.00	185.00 6.89 0.00	186.21 6.58 0.00	159.94 6.62 0.00	180.18 6.22 -3.67	154.72 5.44 -7.74	132.17 4.82 -4.54
INDIAN POINT___2 23530	154.65 4.88 0.00	148.83 4.45 -0.67	127.47 4.07 0.00	123.14 4.25 -4.86	128.41 3.96 -5.28	159.28 3.72 -28.80	153.52 4.35 -8.00	176.04 5.31 -5.14	202.59 5.64 -10.35	268.54 8.69 0.68	201.00 7.33 2.20	180.44 6.64 0.30	166.75 6.48 1.35	160.76 6.42 1.30	158.67 6.51 0.10	199.23 6.19 0.00	162.32 6.01 1.13	182.19 6.85 0.00	184.58 6.47 0.00	185.73 6.10 0.00	159.57 6.26 0.00	179.67 5.76 -3.61	154.25 5.10 -7.62	131.84 4.56 -4.47
INDIAN POINT___3 23531	154.59 4.83 0.00	148.81 4.42 -0.68	127.47 4.07 0.00	123.22 4.25 -4.95	128.51 3.97 -5.37	159.76 3.71 -29.28	153.66 4.33 -8.14	176.15 5.32 -5.25	202.82 5.66 -10.56	268.58 8.69 0.63	201.02 7.33 2.18	180.46 6.66 0.30	166.80 6.53 1.34	160.77 6.42 1.29	158.59 6.43 0.10	199.22 6.17 0.00	162.27 5.95 1.12	182.09 6.75 0.00	184.54 6.43 0.00	185.73 6.10 0.00	159.52 6.21 0.00	179.77 5.80 -3.67	154.41 5.12 -7.75	131.89 4.53 -4.55
INGHAM_C_115KV_TB7 356103	159.48 9.71 0.00	153.28 9.57 0.00	131.59 8.18 0.00	122.04 8.02 0.00	127.72 8.55 0.00	136.51 9.74 0.00	152.63 11.45 0.00	179.44 13.85 0.00	201.61 15.01 0.00	280.08 19.55 0.00	209.46 13.59 0.00	184.91 10.81 0.00	171.88 10.26 0.00	164.56 8.91 0.00	162.17 9.90 0.00	207.91 14.87 0.00	169.83 12.39 0.00	189.33 13.99 0.00	192.23 14.11 0.00	194.45 14.82 0.00	166.39 13.08 0.00	185.59 15.30 0.00	153.70 12.16 0.00	132.90 10.08 0.00
IP CORINTH___1 23988	161.88 12.12 0.00	163.01 11.91 -7.39	133.69 10.28 0.00	177.60 9.57 -54.01	188.89 10.10 -59.63	461.72 10.94 -324.01	246.04 12.56 -92.30	248.17 15.20 -67.39	336.30 17.42 -132.28	301.49 23.59 -17.37	212.72 16.85 0.00	188.30 14.21 0.00	175.04 13.42 0.00	168.26 12.61 0.00	165.47 13.20 0.00	209.83 16.78 0.00	171.13 13.70 0.00	191.06 15.72 0.00	193.99 15.88 0.00	196.16 16.53 0.00	167.31 14.00 0.00	226.20 15.72 -40.18	238.83 12.53 -84.76	182.95 10.43 -49.71
IP___TICONDEROGA 23804	169.03 19.27 0.00	170.38 19.37 -7.29	139.83 16.42 0.00	182.41 15.05 -53.34	193.81 15.75 -58.89	464.55 17.81 -319.98	253.09 20.76 -91.15	257.60 25.46 -66.55	346.94 29.79 -130.55	316.49 38.83 -17.13	222.37 26.49 0.00	196.84 22.74 0.00	183.45 21.83 0.00	176.67 21.02 0.00	174.80 22.54 0.00	221.10 28.05 0.00	180.98 23.55 0.00	203.79 28.45 0.00	207.13 29.02 0.00	210.19 30.56 0.00	178.68 25.36 0.00	239.09 29.11 -39.68	246.93 21.69 -83.70	189.35 17.45 -49.09
ISLIP_RES_REC 323679	128.92 4.73 25.57	130.10 4.24 17.85	127.84 4.55 0.11	124.88 5.86 -5.00	129.59 4.99 -5.43	130.60 3.17 -0.66	140.25 4.55 5.48	168.60 4.18 1.17	197.78 5.17 -6.01	342.69 9.35 -72.81	209.26 7.61 -5.78	180.49 6.69 0.30	167.72 7.44 1.34	161.89 7.53 1.29	160.26 8.10 0.10	199.85 6.82 0.01	166.40 8.38 -0.59	183.86 8.28 -0.24	194.80 9.36 -7.32	188.60 8.97 0.00	163.57 8.19 -2.08	180.63 6.62 -3.71	199.13 6.01 -51.59	144.25 5.72 -15.72

JAMAICA__27_KV_LOAD 355505	156.84 7.07 0.00	150.72 6.32 -0.68	129.17 5.77 0.00	124.80 5.78 -4.99	130.24 5.65 -5.43	162.00 5.67 -29.57	155.93 6.52 -8.23	179.36 8.46 -5.32	206.24 8.96 -10.68	273.19 13.27 0.61	203.94 10.23 2.16	183.09 9.29 0.30	169.38 9.10 1.34	162.94 8.58 1.29	161.34 9.18 0.10	202.24 9.19 0.00	165.42 9.10 1.11	185.48 10.14 0.00	187.47 9.36 0.00	188.47 8.84 0.00	162.07 8.76 0.00	182.50 8.49 -3.71	157.21 7.85 -7.82	134.07 6.66 -4.59
JANIS__SOLAR 323808	157.83 3.13 -4.93	146.00 1.94 -0.35	125.44 2.03 0.00	118.95 2.05 -2.87	130.13 3.39 -7.57	163.67 4.30 -32.60	153.12 6.04 -5.91	191.28 7.36 -18.34	209.32 8.38 -14.34	276.44 10.47 -5.44	207.15 7.64 -3.63	192.53 6.75 -11.69	172.70 6.40 -4.69	164.58 6.18 -2.75	159.85 5.61 -1.98	232.60 7.50 -32.06	158.83 6.28 4.88	184.71 8.33 -1.04	201.13 8.81 -14.21	221.60 9.03 -32.94	164.67 7.22 -4.14	201.71 7.90 -23.51	164.57 5.78 -17.26	139.40 4.11 -12.47
JARVIS____ 23743	150.34 0.58 0.00	144.30 0.59 0.00	123.91 0.51 0.00	114.58 0.55 0.00	119.77 0.60 0.00	127.38 0.61 0.00	141.88 0.71 0.00	166.42 0.83 0.00	187.54 0.94 0.00	261.84 1.31 0.00	196.89 1.02 0.00	174.84 0.74 0.00	162.43 0.81 0.00	156.43 0.78 0.00	153.05 0.78 0.00	194.00 0.96 0.00	158.07 0.63 0.00	175.99 0.65 0.00	178.75 0.64 0.00	180.18 0.55 0.00	153.87 0.56 0.00	170.98 0.68 0.00	142.12 0.59 0.00	123.30 0.48 0.00
JENNISON____1 23625	151.16 1.40 0.00	144.11 -0.16 -0.57	123.63 0.22 0.00	118.82 0.67 -4.14	125.25 1.84 -4.24	153.68 3.55 -23.37	151.62 4.54 -5.91	171.94 4.67 -1.68	198.03 5.99 -5.44	261.99 8.17 6.70	193.42 5.76 8.21	179.18 6.20 1.12	163.58 7.03 5.07	157.46 6.68 4.87	157.83 5.95 0.39	199.99 6.94 0.00	159.01 5.79 4.21	183.16 7.83 0.00	186.36 8.24 0.00	188.08 8.45 0.00	160.41 7.10 0.00	181.41 8.07 -3.05	153.73 5.77 -6.43	130.78 4.19 -3.77
JENNISON____2 23626	151.16 1.40 0.00	144.11 -0.16 -0.57	123.63 0.22 0.00	118.82 0.67 -4.14	125.25 1.84 -4.24	153.68 3.55 -23.37	151.62 4.54 -5.91	171.94 4.67 -1.68	198.03 5.99 -5.44	261.99 8.17 6.70	193.42 5.76 8.21	179.18 6.20 1.12	163.58 7.03 5.07	157.46 6.68 4.87	157.83 5.95 0.39	199.99 6.94 0.00	159.01 5.79 4.21	183.16 7.83 0.00	186.36 8.24 0.00	188.08 8.45 0.00	160.41 7.10 0.00	181.41 8.07 -3.05	153.73 5.77 -6.43	130.78 4.19 -3.77
JERICOHO_RISE_WT_PWR 323719	150.66 0.89 0.00	144.27 0.55 0.00	123.82 0.42 0.00	114.01 -0.02 0.00	118.96 -0.21 0.00	127.86 1.09 0.00	142.37 1.19 0.00	167.54 1.96 0.00	189.09 2.49 0.00	264.18 3.66 0.00	198.29 2.42 0.00	176.18 2.09 0.00	162.82 1.20 0.00	156.82 1.18 0.00	153.27 1.00 0.00	195.37 2.33 0.00	159.45 2.02 0.00	177.54 2.20 0.00	181.04 2.93 0.00	182.28 2.65 0.00	154.97 1.66 0.00	172.13 1.83 0.00	142.32 0.79 0.00	123.43 0.62 0.00
KATONAH__115KV_46KV_TB4 355592	156.49 6.72 0.00	150.62 6.22 -0.69	128.98 5.58 0.00	124.73 5.63 -5.08	130.17 5.48 -5.52	162.22 5.37 -30.08	155.73 6.18 -8.37	178.66 7.65 -5.43	205.78 8.29 -10.89	272.20 12.23 0.56	203.68 9.95 2.15	182.74 8.94 0.29	168.98 8.68 1.33	162.84 8.47 1.27	160.66 8.49 0.10	201.85 8.80 0.00	164.43 8.10 1.10	184.50 9.16 0.00	187.04 8.92 0.00	188.23 8.60 0.00	161.64 8.32 0.00	182.18 8.11 -3.77	156.36 6.87 -7.96	133.50 6.02 -4.67
KCE_NY_1 323755	159.28 9.51 0.00	160.37 9.46 -7.20	131.60 8.20 0.00	174.33 7.69 -52.62	185.30 8.04 -58.09	450.92 8.47 -315.68	240.76 9.65 -89.93	242.59 11.34 -65.66	327.93 12.62 -128.71	294.97 17.57 -16.87	208.64 12.77 0.00	184.72 10.62 0.00	171.73 10.11 0.00	165.25 9.61 0.00	162.21 9.94 0.00	205.61 12.56 0.00	167.76 10.33 0.00	186.90 11.56 0.00	189.59 11.48 0.00	191.73 12.10 0.00	163.56 10.24 0.00	221.27 11.83 -39.15	233.59 9.48 -82.58	179.25 8.01 -48.43
KCE_NY_6_ESR 323823	122.96 -9.95 16.86	134.65 -9.06 0.00	115.25 -8.15 0.00	104.23 -8.77 1.02	92.44 -8.81 17.92	49.93 -10.51 66.33	116.35 -13.48 11.35	79.25 -16.24 70.10	117.40 -17.52 51.68	176.87 -25.80 57.86	121.42 -18.55 55.90	111.68 -16.73 45.68	102.25 -16.54 42.82	104.26 -16.18 35.20	126.56 -16.91 8.80	67.03 -16.85 109.16	135.20 -16.53 5.71	156.42 -17.64 1.28	110.28 -17.37 50.46	44.70 -14.85 120.08	122.45 -15.77 15.09	76.13 -15.25 78.92	81.14 -11.92 48.48	74.72 -11.08 37.02
KEDC_PORT_JEFF_GT2 24210	127.82 3.90 25.85	129.14 3.47 18.04	127.10 3.81 0.12	124.21 5.19 -5.00	128.83 4.24 -5.43	129.39 2.27 -0.35	139.07 3.52 5.63	166.71 2.35 1.23	196.14 3.44 -6.11	358.64 7.13 -90.99	209.05 5.54 -7.64	178.53 4.73 0.30	165.80 5.52 1.34	160.01 5.65 1.29	158.50 6.34 0.10	197.50 4.46 0.01	164.78 6.38 -0.97	181.65 5.69 -0.62	194.38 7.11 -9.16	186.39 6.76 0.00	161.62 5.72 -2.60	178.76 4.76 -3.71	208.62 4.54 -62.54	145.86 4.54 -18.50
KEDC_PORT_JEFF_GT3 24211	127.82 3.90 25.85	129.14 3.47 18.04	127.10 3.81 0.12	124.21 5.19 -5.00	128.83 4.24 -5.43	129.39 2.27 -0.35	139.07 3.52 5.63	166.71 2.35 1.23	196.14 3.44 -6.11	358.64 7.13 -90.99	209.05 5.54 -7.64	178.53 4.73 0.30	165.80 5.52 1.34	160.01 5.65 1.29	158.50 6.34 0.10	197.50 4.46 0.01	164.78 6.38 -0.97	181.65 5.69 -0.62	194.38 7.11 -9.16	186.39 6.76 0.00	161.62 5.72 -2.60	178.76 4.76 -3.71	208.62 4.54 -62.54	145.86 4.54 -18.50
KEDC_GLWD_GT4 24219	147.31 5.86 8.32	143.91 5.28 5.08	128.37 5.00 0.04	124.50 5.48 -5.00	129.62 5.03 -5.43	151.65 4.29 -20.59	150.39 5.25 -3.97	174.27 6.19 -2.50	201.06 6.67 -7.79	270.54 10.62 0.60	203.11 9.40 2.16	182.21 8.41 0.29	168.71 8.43 1.34	162.57 8.20 1.28	160.60 8.43 0.10	200.50 7.46 0.00	163.93 7.60 1.11	183.77 8.84 0.41	186.80 8.68 0.00	187.84 8.21 0.00	161.45 8.14 0.00	181.31 7.31 -3.71	155.56 6.20 -7.82	132.93 5.52 -4.59
KEDC_GLWD_GT5 24220	147.31 5.86 8.32	143.91 5.28 5.08	128.37 5.00 0.04	124.50 5.48 -5.00	129.62 5.03 -5.43	151.65 4.29 -20.59	150.39 5.25 -3.97	174.27 6.19 -2.50	201.06 6.67 -7.79	270.54 10.62 0.60	203.11 9.40 2.16	182.21 8.41 0.29	168.71 8.43 1.34	162.57 8.20 1.28	160.60 8.43 0.10	200.50 7.46 0.00	163.93 7.60 1.11	183.77 8.84 0.41	186.80 8.68 0.00	187.84 8.21 0.00	161.45 8.14 0.00	181.31 7.31 -3.71	155.56 6.20 -7.82	132.93 5.52 -4.59
KENSICO____ 23655	155.50 5.74 0.00	149.66 5.27 -0.68	128.17 4.77 0.00	123.94 4.94 -4.98	129.26 4.68 -5.42	160.76 4.47 -29.51	154.57 5.18 -8.21	177.29 6.40 -5.30	204.10 6.85 -10.66	270.22 10.31 0.61	202.35 8.65 2.17	181.59 7.79 0.30	167.94 7.66 1.34	161.87 7.51 1.29	159.72 7.55 0.10	200.55 7.51 0.00	163.38 7.05 1.11	183.29 7.96 0.00	185.74 7.63 0.00	186.91 7.28 0.00	160.57 7.25 0.00	180.86 6.86 -3.70	155.35 6.01 -7.81	132.71 5.31 -4.58
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	156.80 7.04 0.00	150.97 6.46 -0.80	129.16 5.76 0.00	125.64 5.73 -5.88	131.25 5.68 -6.40	167.36 5.71 -34.88	157.68 6.77 -9.73	180.46 8.48 -6.40	208.59 9.30 -12.70	273.36 13.24 0.41	204.10 10.44 2.21	183.28 9.49 0.30	169.31 9.06 1.37	163.20 8.87 1.31	161.14 8.98 0.10	202.64 9.59 0.00	165.08 8.78 1.13	185.55 10.22 0.00	188.09 9.98 0.00	189.35 9.72 0.00	162.33 9.02 0.00	183.50 8.84 -4.37	158.04 7.29 -9.21	134.33 6.11 -5.40

KIAC_JFK_GT1 23816	155.43 5.66 0.00	149.42 5.03 -0.68	128.06 4.66 0.00	123.78 4.76 -4.99	129.17 4.57 -5.43	160.82 4.48 -29.57	154.44 5.04 -8.23	177.57 6.67 -5.32	204.23 6.96 -10.68	270.37 10.44 0.61	201.85 8.15 2.16	181.20 7.40 0.30	167.63 7.35 1.34	161.29 6.93 1.29	159.75 7.58 0.10	200.17 7.12 0.00	163.69 7.37 1.11	183.55 8.21 0.00	185.50 7.38 0.00	186.43 6.80 0.00	160.39 7.08 0.00	180.62 6.62 -3.71	155.65 6.29 -7.82	132.79 5.38 -4.59
KIAC_JFK_GT2 23817	155.43 5.66 0.00	149.42 5.03 -0.68	128.06 4.66 0.00	123.78 4.76 -4.99	129.17 4.57 -5.43	160.82 4.48 -29.57	154.44 5.04 -8.23	177.57 6.67 -5.32	204.23 6.96 -10.68	270.37 10.44 0.61	201.85 8.15 2.16	181.20 7.40 0.30	167.63 7.35 1.34	161.29 6.93 1.29	159.75 7.58 0.10	200.17 7.12 0.00	163.69 7.37 1.11	183.55 8.21 0.00	185.50 7.38 0.00	186.43 6.80 0.00	160.39 7.08 0.00	180.62 6.62 -3.71	155.65 6.29 -7.82	132.79 5.38 -4.59
KIAC_JFK____ 323774	155.48 5.71 0.00	149.42 5.03 -0.68	128.04 4.63 0.00	123.75 4.73 -4.99	129.17 4.57 -5.43	160.80 4.46 -29.57	154.45 5.05 -8.23	177.50 6.60 -5.32	204.17 6.90 -10.68	270.36 10.44 0.61	201.75 8.05 2.16	181.16 7.36 0.30	167.59 7.30 1.34	161.23 6.87 1.29	159.75 7.58 0.10	200.08 7.03 0.00	163.62 7.30 1.11	183.53 8.19 0.00	185.45 7.34 0.00	186.39 6.76 0.00	160.38 7.07 0.00	180.53 6.52 -3.71	155.60 6.24 -7.82	132.75 5.35 -4.59
KINTIGH__24_KV_GSU 356498	124.92 -12.78 12.06	131.36 -12.36 0.00	112.86 -10.55 0.00	102.95 -10.34 0.73	95.52 -10.69 12.95	66.35 -12.37 48.05	116.95 -15.63 8.60	94.73 -18.97 51.88	126.77 -21.33 38.49	184.58 -31.47 44.48	129.41 -22.91 43.56	120.47 -20.30 33.32	109.12 -19.59 32.91	109.37 -18.94 27.33	126.22 -19.57 6.48	93.55 -21.07 78.43	132.29 -19.29 5.85	146.96 -20.91 7.47	117.97 -20.68 39.47	75.15 -18.91 85.57	124.35 -18.24 10.72	96.41 -17.79 56.10	92.72 -14.36 34.45	83.73 -12.78 26.31
KINTIGH____ 23543	137.10 -12.67 0.00	131.46 -12.25 0.00	112.83 -10.58 0.00	103.60 -10.42 0.00	107.96 -10.75 0.46	112.15 -12.61 2.02	123.91 -15.65 1.62	141.26 -19.33 5.00	158.35 -21.63 6.61	217.38 -31.69 11.46	161.19 -23.15 11.53	151.89 -20.65 1.55	134.64 -19.93 7.05	129.74 -19.13 6.77	132.18 -19.55 0.54	171.55 -21.50 0.00	132.05 -19.53 5.85	149.62 -20.96 4.76	154.46 -21.03 2.62	160.04 -19.42 0.17	135.08 -18.23 0.00	152.02 -18.27 0.01	126.82 -14.71 0.00	109.85 -12.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	154.02 4.26 0.00	147.66 3.95 0.00	126.68 3.27 0.00	116.70 2.67 0.00	121.42 2.26 0.00	130.44 3.67 0.00	145.71 4.54 0.00	174.39 8.80 0.00	196.38 9.78 0.00	274.39 13.86 0.00	205.32 9.45 0.00	182.43 8.34 0.00	167.68 6.07 0.00	161.96 6.32 0.00	158.59 6.32 0.00	202.56 9.52 0.00	165.88 8.45 0.00	185.01 9.68 0.00	188.73 10.62 0.00	190.14 10.51 0.00	161.60 8.28 0.00	179.42 9.12 0.00	148.10 6.57 0.00	128.10 5.29 0.00
LACHUTE____HYDRO 323717	169.04 19.27 0.00	170.38 19.37 -7.29	139.83 16.42 0.00	182.41 15.05 -53.34	193.79 15.74 -58.89	464.56 17.81 -319.98	253.07 20.75 -91.15	257.59 25.46 -66.55	346.96 29.80 -130.55	316.52 38.86 -17.13	222.37 26.49 0.00	196.85 22.76 0.00	183.45 21.83 0.00	176.66 21.02 0.00	174.81 22.54 0.00	221.10 28.05 0.00	180.97 23.53 0.00	203.77 28.43 0.00	207.15 29.03 0.00	210.27 30.63 0.00	178.68 25.36 0.00	239.09 29.11 -39.68	246.94 21.71 -83.70	189.34 17.44 -49.09
LAWRNCALV_115KV_TB1 80681	152.57 2.81 0.00	146.90 3.19 0.00	125.84 2.44 0.00	115.88 1.85 0.00	120.77 1.60 0.00	128.71 1.94 0.00	142.41 1.23 0.00	168.30 2.71 0.00	189.65 3.06 0.00	264.41 3.88 0.00	197.64 1.76 0.00	175.73 1.64 0.00	162.73 1.12 0.00	156.72 1.07 0.00	153.53 1.26 0.00	195.05 2.00 0.00	159.57 2.14 0.00	177.69 2.35 0.00	180.62 2.51 0.00	181.62 1.99 0.00	153.21 -0.10 0.00	169.87 -0.43 0.00	141.79 0.26 0.00	124.31 1.50 0.00
LEDERLE____ 23769	154.93 5.17 0.00	149.11 4.74 -0.66	127.74 4.34 0.00	123.32 4.49 -4.81	128.61 4.22 -5.22	159.29 4.06 -28.47	153.92 4.80 -7.94	176.60 5.92 -5.09	203.21 6.35 -10.26	269.51 9.67 0.69	201.73 8.06 2.20	181.12 7.33 0.30	167.37 7.11 1.36	161.30 6.96 1.31	159.13 6.96 0.10	199.98 6.94 0.00	162.90 6.60 1.13	182.90 7.57 0.00	185.39 7.27 0.00	186.53 6.90 0.00	160.17 6.86 0.00	180.31 6.43 -3.59	154.71 5.61 -7.56	132.18 4.93 -4.44
LIGHTHSE_115KV_TB6 355974	146.83 -2.93 0.00	140.90 -2.81 0.00	120.28 -3.12 0.00	110.79 -3.23 0.00	116.76 -2.41 0.00	124.59 -2.17 0.00	139.03 -2.15 0.00	163.23 -2.36 0.00	184.13 -2.46 0.00	256.71 -3.82 0.00	193.20 -2.67 0.00	171.24 -2.86 0.00	159.03 -2.59 0.00	153.21 -2.44 0.00	150.30 -1.96 0.00	191.51 -1.53 0.00	155.52 -1.91 0.00	173.45 -1.89 0.00	176.37 -1.74 0.00	177.32 -2.31 0.00	149.75 -3.56 0.00	165.71 -4.58 0.00	137.46 -4.08 0.00	119.09 -3.73 0.00
LINDEN COGEN____ 23786	155.30 5.54 0.00	149.36 4.97 -0.68	127.96 4.55 0.00	123.76 4.75 -4.99	129.08 4.49 -5.43	160.66 4.32 -29.57	154.36 4.96 -8.23	177.00 6.11 -5.32	203.57 6.29 -10.68	269.59 9.67 0.61	179.17 8.32 25.02	152.05 7.47 29.51	136.01 7.39 32.99	145.73 7.20 17.11	148.08 7.40 11.59	186.03 7.11 14.12	163.05 6.77 1.16	183.14 7.80 0.00	185.23 7.12 0.00	186.19 6.56 0.00	160.08 6.76 0.00	175.60 6.16 0.86	154.95 5.59 -7.82	132.47 5.07 -4.59
LINDHRST_69_KV_BK1 356055	132.56 4.79 22.00	132.74 4.28 15.25	127.82 4.51 0.10	124.71 5.69 -5.00	129.44 4.85 -5.43	134.75 3.27 -4.71	141.98 4.37 3.56	169.33 4.31 0.57	196.58 4.87 -5.12	273.39 8.65 -4.22	202.09 7.75 1.53	180.70 6.91 0.30	167.68 7.40 1.34	161.45 7.09 1.29	159.74 7.57 0.10	199.95 6.91 0.01	164.51 8.04 0.95	182.72 8.44 1.05	187.36 8.79 -0.46	188.09 8.46 0.00	161.59 8.15 -0.13	180.63 6.62 -3.71	157.95 5.81 -10.60	133.35 5.24 -5.29
LIPA_MISC_IPP 23656	127.78 3.99 25.98	129.12 3.55 18.14	127.09 3.80 0.12	124.29 5.27 -5.00	128.92 4.33 -5.43	129.66 2.69 -0.21	139.36 3.88 5.70	167.74 3.41 1.26	196.92 4.02 -6.30	354.41 8.86 -85.02	210.51 7.52 -7.11	179.68 5.88 0.30	167.34 7.06 1.34	161.31 6.95 1.29	159.79 7.63 0.10	198.97 5.93 0.01	165.88 7.57 -0.88	182.95 7.13 -0.48	195.23 8.58 -8.54	188.13 8.49 0.00	163.69 7.96 -2.42	180.07 6.06 -3.71	205.96 5.58 -58.84	145.85 5.47 -17.56
LISF____SOLAR 323691	128.05 4.22 25.93	129.44 3.83 18.10	127.41 4.12 0.12	124.51 5.49 -5.00	129.18 4.58 -5.43	129.87 2.84 -0.26	139.68 4.17 5.67	168.11 3.77 1.25	197.27 4.42 -6.26	354.27 9.36 -84.38	210.86 7.96 -7.03	179.94 6.14 0.30	167.56 7.28 1.34	161.65 7.30 1.29	160.19 8.02 0.10	199.38 6.34 0.01	166.26 7.97 -0.86	183.34 7.53 -0.47	195.61 9.02 -8.48	188.57 8.94 0.00	163.98 8.27 -2.40	180.43 6.42 -3.71	205.88 5.86 -58.48	146.05 5.77 -17.47
LITTLE FALLS____HYD 24013	159.48 9.71 0.00	153.28 9.57 0.00	131.59 8.18 0.00	122.04 8.02 0.00	127.72 8.55 0.00	136.51 9.74 0.00	152.63 11.45 0.00	179.44 13.85 0.00	201.61 15.01 0.00	280.08 19.55 0.00	209.46 13.59 0.00	184.91 10.81 0.00	171.88 10.26 0.00	164.56 8.91 0.00	162.17 9.90 0.00	207.91 14.87 0.00	169.83 12.39 0.00	189.33 13.99 0.00	192.23 14.11 0.00	194.45 14.82 0.00	166.39 13.08 0.00	185.59 15.30 0.00	153.70 12.16 0.00	132.90 10.08 0.00

LITTLRIV_115KV_TB1 356100	154.38 4.62 0.00	148.77 5.06 0.00	127.45 4.04 0.00	117.34 3.31 0.00	122.19 3.03 0.00	130.16 3.39 0.00	144.16 2.99 0.00	170.48 4.89 0.00	192.09 5.50 0.00	267.41 6.88 0.00	199.86 3.99 0.00	177.60 3.51 0.00	164.42 2.80 0.00	158.33 2.68 0.00	155.20 2.93 0.00	197.45 4.41 0.00	161.54 4.11 0.00	180.00 4.66 0.00	182.95 4.84 0.00	183.96 4.33 0.00	155.16 1.85 0.00	171.97 1.67 0.00	143.45 1.92 0.00	125.66 2.85 0.00
LI_NEWBRDGE___DRP 323616	125.19 3.47 28.04	127.21 3.14 19.64	126.64 3.36 0.13	123.43 4.41 -5.00	128.15 3.56 -5.43	126.91 2.28 2.14	137.34 2.97 6.81	166.53 2.55 1.60	192.71 2.54 -3.57	265.27 5.35 0.61	199.08 5.37 2.16	178.67 4.87 0.30	165.74 5.46 1.34	159.60 5.24 1.29	157.79 5.62 0.10	197.56 4.51 0.01	162.15 5.83 1.11	179.97 6.10 1.47	184.26 6.14 0.00	185.32 5.69 0.00	159.31 6.00 0.00	178.47 4.46 -3.71	153.49 4.13 -7.82	131.29 3.89 -4.59
LOCKPORT_115KV_TB60_63_64 80432	135.67 -14.09 0.00	130.53 -13.18 0.00	111.72 -11.69 0.00	102.09 -11.93 0.00	106.45 -12.27 0.45	110.40 -14.38 1.98	121.17 -18.42 1.59	139.38 -22.62 3.59	156.81 -24.84 4.94	215.63 -36.13 8.77	159.21 -26.24 10.42	148.92 -23.65 1.52	131.47 -23.23 6.92	126.66 -22.34 6.65	129.06 -22.68 0.53	168.25 -24.79 0.00	129.15 -22.54 5.74	184.30 -24.03 -32.98	172.25 -23.99 -18.13	158.76 -22.04 -1.17	132.36 -20.96 0.00	149.56 -20.78 -0.05	125.31 -16.24 -0.02	108.17 -14.65 0.00
LOCKPORT___CC1 323769	121.45 -14.80 13.52	129.93 -13.78 0.00	111.31 -12.10 0.00	100.89 -12.32 0.82	91.96 -12.74 14.46	58.48 -14.70 53.58	112.90 -18.86 9.42	80.31 -22.81 62.46	113.13 -25.14 48.33	166.09 -36.55 57.89	118.73 -26.52 50.62	113.35 -23.69 37.05	102.46 -23.32 35.83	103.48 -22.53 29.64	121.96 -23.14 7.18	80.40 -24.91 87.73	128.78 -22.86 5.79	0.00 -24.56 150.78	31.21 -24.24 122.66	56.15 -22.17 101.32	119.74 -21.50 12.08	85.94 -21.02 63.33	86.14 -16.55 38.85	78.21 -14.99 29.61
LOCKPORT___CC2 323770	121.45 -14.80 13.52	129.93 -13.78 0.00	111.31 -12.10 0.00	100.89 -12.32 0.82	91.96 -12.74 14.46	58.48 -14.70 53.58	112.90 -18.86 9.42	80.31 -22.81 62.46	113.13 -25.14 48.33	166.09 -36.55 57.89	118.73 -26.52 50.62	113.35 -23.69 37.05	102.46 -23.32 35.83	103.48 -22.53 29.64	121.96 -23.14 7.18	80.40 -24.91 87.73	128.78 -22.86 5.79	0.00 -24.56 150.78	31.21 -24.24 122.66	56.15 -22.17 101.32	119.74 -21.50 12.08	85.94 -21.02 63.33	86.14 -16.55 38.85	78.21 -14.99 29.61
LOCKPORT___CC3 323771	121.45 -14.80 13.52	129.93 -13.78 0.00	111.31 -12.10 0.00	100.89 -12.32 0.82	91.96 -12.74 14.46	58.48 -14.70 53.58	112.90 -18.86 9.42	80.31 -22.81 62.46	113.13 -25.14 48.33	166.09 -36.55 57.89	118.73 -26.52 50.62	113.35 -23.69 37.05	102.46 -23.32 35.83	103.48 -22.53 29.64	121.96 -23.14 7.18	80.40 -24.91 87.73	128.78 -22.86 5.79	0.00 -24.56 150.78	31.21 -24.24 122.66	56.15 -22.17 101.32	119.74 -21.50 12.08	85.94 -21.02 63.33	86.14 -16.55 38.85	78.21 -14.99 29.61
LOCUSVLY_69_KV_BK2 55797	142.18 5.30 12.88	140.05 4.80 8.46	128.01 4.66 0.05	124.54 5.52 -5.00	129.47 4.88 -5.43	145.90 3.83 -15.30	147.36 4.72 -1.46	172.32 5.23 -1.51	198.64 5.58 -6.47	269.08 9.34 0.78	202.01 8.42 2.28	181.34 7.55 0.29	168.02 7.74 1.34	161.81 7.45 1.28	159.96 7.79 0.10	200.12 7.08 0.00	163.81 7.54 1.15	183.04 8.36 0.66	186.57 8.46 0.00	187.60 7.97 0.00	161.18 7.87 0.00	180.74 6.74 -3.71	155.11 5.74 -7.82	132.59 5.18 -4.59
LONG_LAKE_PHOENIX 24014	143.94 -5.83 0.00	137.99 -5.72 0.00	118.43 -4.98 0.00	109.41 -4.62 0.00	114.69 -4.66 -0.18	122.65 -4.91 -0.79	136.53 -5.28 -0.63	161.28 -6.20 -1.90	182.32 -6.79 -2.52	255.27 -9.64 -4.38	193.25 -7.10 -4.48	168.28 -6.43 -0.61	158.37 -6.02 -2.77	152.62 -5.69 -2.66	146.93 -5.55 -0.21	186.27 -6.78 0.00	153.91 -5.82 -2.30	169.39 -5.95 0.00	171.90 -6.22 0.00	173.45 -6.18 0.00	147.63 -5.68 0.00	163.95 -6.35 0.00	136.01 -5.53 0.00	117.81 -5.01 0.00
LOVETT___3 23632	154.08 4.32 0.00	148.30 3.93 -0.66	127.02 3.62 0.00	122.71 3.84 -4.84	127.96 3.54 -5.26	158.73 3.28 -28.68	152.99 3.82 -7.99	175.47 4.75 -5.13	201.92 4.98 -10.34	267.55 7.71 0.68	200.28 6.61 2.20	179.79 5.99 0.30	166.17 5.91 1.36	160.16 5.82 1.30	158.03 5.87 0.10	198.50 5.45 0.00	161.65 5.35 1.13	181.50 6.16 0.00	183.92 5.80 0.00	185.12 5.49 0.00	158.95 5.64 0.00	179.05 5.14 -3.61	153.74 4.60 -7.61	131.38 4.10 -4.46
LOVETT___4 23642	154.08 4.32 0.00	148.30 3.93 -0.66	127.02 3.62 0.00	122.71 3.84 -4.84	127.96 3.54 -5.26	158.73 3.28 -28.68	152.99 3.82 -7.99	175.47 4.75 -5.13	201.92 4.98 -10.34	267.55 7.71 0.68	200.28 6.61 2.20	179.79 5.99 0.30	166.17 5.91 1.36	160.16 5.82 1.30	158.03 5.87 0.10	198.50 5.45 0.00	161.65 5.35 1.13	181.50 6.16 0.00	183.92 5.80 0.00	185.12 5.49 0.00	158.95 5.64 0.00	179.05 5.14 -3.61	153.74 4.60 -7.61	131.38 4.10 -4.46
LOVETT___5 23593	154.08 4.32 0.00	148.30 3.93 -0.66	127.02 3.62 0.00	122.71 3.84 -4.84	127.96 3.54 -5.26	158.73 3.28 -28.68	152.99 3.82 -7.99	175.47 4.75 -5.13	201.92 4.98 -10.34	267.55 7.71 0.68	200.28 6.61 2.20	179.79 5.99 0.30	166.17 5.91 1.36	160.16 5.82 1.30	158.03 5.87 0.10	198.50 5.45 0.00	161.65 5.35 1.13	181.50 6.16 0.00	183.92 5.80 0.00	185.12 5.49 0.00	158.95 5.64 0.00	179.05 5.14 -3.61	153.74 4.60 -7.61	131.38 4.10 -4.46
LOWER RAQUET___HYD 24057	152.45 2.68 0.00	146.91 3.20 0.00	125.78 2.38 0.00	115.78 1.76 0.00	120.64 1.47 0.00	128.48 1.72 0.00	142.18 1.00 0.00	168.05 2.47 0.00	189.40 2.80 0.00	263.94 3.41 0.00	197.44 1.57 0.00	175.54 1.45 0.00	162.53 0.91 0.00	156.50 0.86 0.00	153.36 1.09 0.00	194.79 1.75 0.00	159.13 1.69 0.00	177.22 1.88 0.00	180.17 2.05 0.00	181.08 1.46 0.00	152.64 -0.67 0.00	169.16 -1.13 0.00	141.34 -0.19 0.00	123.98 1.16 0.00
LOWER___HUDSON 24059	156.88 7.12 0.00	156.75 7.17 -5.87	129.66 6.26 0.00	162.83 5.92 -42.88	172.56 6.04 -47.35	390.13 6.09 -257.27	220.96 6.50 -73.29	226.73 7.63 -53.51	299.29 8.72 -103.97	286.32 12.31 -13.47	204.84 8.97 0.00	181.63 7.54 0.00	169.06 7.44 0.00	162.73 7.09 0.00	159.36 7.09 0.00	201.42 8.37 0.00	164.19 6.76 0.00	182.42 7.07 0.00	185.28 7.17 0.00	187.35 7.72 0.00	160.41 7.09 0.00	210.53 8.32 -31.90	215.70 6.86 -67.30	168.14 5.86 -39.47
LOWVILLE_115KV_TB2 356335	151.75 1.99 0.00	146.37 2.66 0.00	124.18 0.78 0.00	113.78 -0.24 0.00	120.84 1.75 0.08	129.37 2.96 0.35	144.77 3.87 0.28	170.34 5.60 0.85	192.09 6.62 1.12	267.86 9.29 1.96	200.26 6.40 2.00	178.09 4.26 0.27	164.51 4.13 1.24	158.69 4.24 1.19	157.33 5.16 0.09	201.02 7.97 0.00	162.01 5.61 1.03	181.97 6.63 0.00	185.04 6.92 0.00	184.73 5.10 0.00	153.38 0.06 0.00	169.02 -1.27 0.00	140.14 -1.40 0.00	121.74 -1.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	159.21 9.45 0.00	160.24 9.33 -7.20	131.50 8.10 0.00	174.24 7.59 -52.62	185.22 7.95 -58.09	450.82 8.36 -315.68	240.54 9.43 -89.93	242.45 11.20 -65.66	327.92 12.61 -128.71	294.77 17.36 -16.87	208.48 12.61 0.00	184.61 10.52 0.00	171.60 9.98 0.00	165.16 9.51 0.00	162.13 9.86 0.00	205.47 12.43 0.00	167.65 10.22 0.00	186.71 11.37 0.00	189.54 11.43 0.00	191.56 11.93 0.00	163.60 10.29 0.00	221.16 11.71 -39.15	233.50 9.39 -82.58	179.17 7.93 -48.43

LUTHERNY_35_KV_BK2 355980	159.28 9.51 0.00	160.36 9.45 -7.20	131.60 8.20 0.00	174.33 7.69 -52.62	185.30 8.04 -58.09	450.94 8.49 -315.68	240.74 9.64 -89.93	242.58 11.34 -65.66	327.94 12.63 -128.71	294.99 17.59 -16.87	208.64 12.77 0.00	184.72 10.62 0.00	171.72 10.10 0.00	165.26 9.62 0.00	162.22 9.95 0.00	205.60 12.56 0.00	167.74 10.31 0.00	186.92 11.58 0.00	189.59 11.47 0.00	191.73 12.10 0.00	163.57 10.25 0.00	221.29 11.84 -39.15	233.61 9.49 -82.58	179.26 8.01 -48.43
LWR___OSWEGATCHIE_HYD 23850	151.70 1.94 0.00	146.16 2.45 0.00	124.52 1.12 0.00	114.34 0.32 0.00	120.33 1.16 0.00	128.60 1.84 0.00	143.13 1.95 0.00	169.02 3.43 0.00	190.58 3.99 0.00	265.83 5.30 0.00	199.14 3.26 0.00	176.36 2.26 0.00	163.57 1.95 0.00	157.64 1.99 0.00	154.88 2.61 0.00	197.26 4.22 0.00	160.12 2.69 0.00	178.59 3.25 0.00	181.53 3.42 0.00	181.84 2.21 0.00	152.05 -1.26 0.00	168.03 -2.27 0.00	140.30 -1.23 0.00	122.45 -0.36 0.00
LYONS_FALL_HYD 23570	152.45 2.69 0.00	146.78 3.07 0.00	125.12 1.71 0.00	115.06 1.04 0.00	121.47 2.40 0.10	129.67 3.35 0.45	145.08 4.26 0.36	170.31 5.79 1.07	191.98 6.80 1.42	267.39 9.32 2.46	200.07 6.72 2.52	178.74 4.99 0.34	164.75 4.69 1.56	158.84 4.69 1.50	157.37 5.21 0.12	200.66 7.62 0.00	161.71 5.57 1.29	181.84 6.50 0.00	184.81 6.70 0.00	185.14 5.51 0.00	155.22 1.91 0.00	171.55 1.26 0.00	142.22 0.69 0.00	123.31 0.50 0.00
MADISON___COUNTY_LFGE 323628	152.96 3.20 0.00	147.01 3.29 0.00	126.24 2.84 0.00	116.80 2.78 0.00	122.30 3.37 0.24	129.75 4.03 1.04	145.40 5.06 0.83	169.37 6.28 2.50	190.53 7.25 3.32	264.37 9.61 5.76	197.28 7.31 5.91	179.46 6.16 0.80	163.42 5.45 3.65	157.55 5.40 3.50	157.38 5.39 0.28	200.46 7.42 0.00	159.99 5.58 3.03	181.68 6.34 0.00	184.49 6.37 0.00	185.53 5.90 0.00	157.46 4.15 0.00	174.66 4.36 0.00	144.79 3.25 0.00	125.24 2.42 0.00
MALONE___115KV_TB1 356076	154.73 4.97 0.00	148.48 4.77 0.00	127.30 3.90 0.00	117.24 3.21 0.00	122.01 2.84 0.00	131.30 4.53 0.00	146.44 5.27 0.00	172.51 6.92 0.00	194.59 7.99 0.00	271.58 11.05 0.00	203.74 7.87 0.00	181.14 7.05 0.00	167.18 5.56 0.00	160.89 5.25 0.00	157.33 5.06 0.00	200.84 7.79 0.00	164.12 6.69 0.00	182.80 7.46 0.00	186.26 8.14 0.00	187.49 7.86 0.00	158.87 5.55 0.00	176.17 5.88 0.00	145.89 4.36 0.00	126.62 3.80 0.00
MAPLEWOD_115KV_TB3 80458	156.61 6.84 0.00	155.08 6.86 -4.51	129.41 6.01 0.00	152.66 5.69 -32.94	161.36 5.83 -36.36	330.11 5.73 -197.61	203.62 6.15 -56.29	213.69 7.01 -41.10	274.01 7.80 -79.61	282.29 11.48 -10.27	204.43 8.56 0.00	181.35 7.26 0.00	168.65 7.03 0.00	162.25 6.60 0.00	158.53 6.26 0.00	200.46 7.42 0.00	163.25 5.81 0.00	181.53 6.19 0.00	184.48 6.36 0.00	186.12 6.49 0.00	159.59 6.28 0.00	202.21 7.41 -24.50	199.83 6.61 -51.69	158.83 5.70 -30.31
MAPLE_RIDGE_WT_1 323574	148.66 -1.11 0.00	142.96 -0.75 0.00	122.23 -1.18 0.00	112.57 -1.46 0.00	118.41 -0.76 0.00	126.44 -0.32 0.00	140.61 -0.56 0.00	165.16 -0.43 0.00	186.39 -0.21 0.00	260.26 -0.27 0.00	194.90 -0.97 0.00	172.69 -1.41 0.00	160.53 -1.09 0.00	155.23 -0.42 0.00	152.06 -0.21 0.00	193.33 0.28 0.00	157.53 0.09 0.00	175.04 -0.30 0.00	177.29 -0.83 0.00	177.60 -2.03 0.00	151.07 -2.24 0.00	168.11 -2.19 0.00	139.55 -1.98 0.00	121.45 -1.37 0.00
MAPLE_RIDGE_WT_2 323611	148.66 -1.11 0.00	142.96 -0.75 0.00	122.23 -1.18 0.00	112.57 -1.46 0.00	118.41 -0.76 0.00	126.44 -0.32 0.00	140.61 -0.56 0.00	165.16 -0.43 0.00	186.39 -0.21 0.00	260.26 -0.27 0.00	194.90 -0.97 0.00	172.69 -1.41 0.00	160.53 -1.09 0.00	155.23 -0.42 0.00	152.06 -0.21 0.00	193.33 0.28 0.00	157.53 0.09 0.00	175.04 -0.30 0.00	177.29 -0.83 0.00	177.60 -2.03 0.00	151.07 -2.24 0.00	168.11 -2.19 0.00	139.55 -1.98 0.00	121.45 -1.37 0.00
MARBLE_RIVER_WT_PWR 323696	150.53 0.76 0.00	144.22 0.50 0.00	123.75 0.34 0.00	114.00 -0.03 0.00	118.95 -0.22 0.00	127.68 0.92 0.00	142.16 0.99 0.00	167.11 1.53 0.00	188.63 2.03 0.00	263.47 2.94 0.00	197.75 1.88 0.00	175.69 1.59 0.00	162.44 0.82 0.00	156.51 0.87 0.00	152.96 0.69 0.00	194.89 1.85 0.00	158.97 1.53 0.00	176.94 1.60 0.00	180.46 2.35 0.00	181.76 2.13 0.00	154.51 1.19 0.00	171.64 1.34 0.00	142.02 0.49 0.00	123.20 0.38 0.00
MARSHVLE_115KV_TB1 80742	151.75 1.98 0.00	151.94 1.68 -6.55	124.70 1.30 0.00	163.04 1.13 -47.88	173.46 1.53 -52.77	416.01 2.42 -286.83	225.85 3.20 -81.48	228.55 4.28 -58.69	307.27 4.35 -116.33	279.07 5.45 -13.08	196.57 3.21 2.52	176.31 2.56 0.34	162.57 2.51 1.55	156.06 1.90 1.49	154.49 2.34 0.12	197.95 4.90 0.00	160.57 4.43 1.29	180.38 5.04 0.00	183.00 4.89 0.00	184.11 4.48 0.00	157.02 3.71 0.00	209.76 3.84 -35.62	219.51 2.84 -75.14	168.95 2.07 -44.07
MARSH_HILL_WT_PWR 323713	137.69 -12.07 0.00	130.82 -13.08 -0.19	112.52 -10.88 0.00	105.07 -10.33 -1.38	112.55 -7.71 -1.09	124.60 -8.55 -6.38	133.02 -9.00 -0.84	151.49 -11.31 2.79	183.36 -13.41 -10.18	245.52 -18.22 -3.21	176.34 -11.03 8.50	162.50 -10.14 1.45	145.26 -9.75 6.60	139.23 -10.07 6.34	141.62 -10.15 0.51	183.43 -9.61 0.00	142.15 -9.81 5.48	165.76 -9.27 0.31	165.95 -7.95 4.22	162.23 -7.66 9.74	140.74 -11.35 1.22	153.37 -11.54 5.39	130.39 -9.35 1.80	112.48 -8.58 1.75
MCINTYRE_115KV_TB2 80467	155.59 5.83 0.00	149.73 6.01 0.00	128.31 4.91 0.00	118.17 4.15 0.00	123.19 4.02 0.00	131.47 4.70 0.00	145.72 4.55 0.00	172.30 6.72 0.00	194.08 7.49 0.00	269.98 9.45 0.00	201.46 5.59 0.00	179.01 4.92 0.00	165.74 4.12 0.00	159.56 3.92 0.00	156.54 4.27 0.00	199.46 6.41 0.00	163.50 6.07 0.00	182.26 6.92 0.00	185.20 7.08 0.00	186.31 6.68 0.00	157.30 3.98 0.00	174.40 4.10 0.00	145.21 3.68 0.00	127.06 4.25 0.00
MECO_____69_KV_BK1 80468	156.90 7.14 0.00	157.44 6.68 -7.04	129.08 5.67 0.00	170.72 5.19 -51.51	181.74 5.79 -56.78	442.18 6.79 -308.62	237.23 8.34 -87.71	239.37 10.46 -63.32	322.93 10.94 -125.40	288.99 13.95 -14.52	202.88 9.26 2.26	180.78 6.99 0.31	166.57 6.34 1.39	159.61 5.30 1.34	158.25 6.08 0.11	204.01 10.96 0.00	166.26 9.98 1.16	186.77 11.43 0.00	189.53 11.41 0.00	190.86 11.23 0.00	162.71 9.40 0.00	218.62 10.00 -38.32	230.13 7.76 -80.83	176.39 6.17 -47.40
MENANDS___115KV_TB5 355628	156.01 6.24 0.00	154.38 6.37 -4.30	129.00 5.59 0.00	150.81 5.35 -31.43	159.31 5.44 -34.70	320.60 5.25 -188.58	200.45 5.56 -53.72	210.88 6.07 -39.22	269.11 6.72 -75.80	280.39 10.10 -9.75	203.63 7.76 0.00	180.64 6.54 0.00	168.07 6.45 0.00	161.63 5.98 0.00	157.72 5.45 0.00	199.29 6.25 0.00	162.18 4.75 0.00	180.35 5.02 0.00	183.23 5.11 0.00	184.90 5.26 0.00	158.66 5.34 0.00	200.01 6.33 -23.38	196.82 5.96 -49.33	156.99 5.24 -28.93
MG INDUSTRY___DRP 24185	155.20 5.43 0.00	151.70 5.56 -2.43	128.31 4.90 0.00	136.44 4.64 -17.78	143.53 4.74 -19.63	238.04 4.62 -106.66	176.34 4.78 -30.38	192.93 5.16 -22.18	233.46 5.58 -41.29	273.74 8.17 -5.04	201.77 5.90 0.00	178.91 4.82 0.00	166.59 4.97 0.00	160.19 4.54 0.00	156.44 4.17 0.00	198.24 5.20 0.00	161.40 3.97 0.00	179.55 4.21 0.00	182.43 4.31 0.00	184.09 4.46 0.00	157.84 4.52 0.00	188.88 5.36 -13.22	174.36 4.93 -27.89	143.55 4.38 -16.36

MID___OSWEGATCHIE_HYD 23849	151.70 1.94 0.00	146.16 2.45 0.00	124.52 1.12 0.00	114.34 0.32 0.00	120.33 1.16 0.00	128.60 1.84 0.00	143.13 1.95 0.00	169.02 3.43 0.00	190.58 3.99 0.00	265.83 5.30 0.00	199.14 3.26 0.00	176.36 2.26 0.00	163.57 1.95 0.00	157.64 1.99 0.00	154.88 2.61 0.00	197.26 4.22 0.00	160.12 2.69 0.00	178.59 3.25 0.00	181.53 3.42 0.00	181.84 2.21 0.00	152.05 -1.26 0.00	168.03 -2.27 0.00	140.30 -1.23 0.00	122.45 -0.36 0.00
MID___RAQUETTE_HYD 23851	152.45 2.69 0.00	146.91 3.20 0.00	125.78 2.38 0.00	115.78 1.76 0.00	120.64 1.47 0.00	128.49 1.72 0.00	142.18 1.01 0.00	168.05 2.47 0.00	189.40 2.80 0.00	263.97 3.44 0.00	197.44 1.57 0.00	175.54 1.45 0.00	162.54 0.92 0.00	156.50 0.85 0.00	153.36 1.09 0.00	194.81 1.77 0.00	159.13 1.69 0.00	177.23 1.89 0.00	180.18 2.07 0.00	181.08 1.46 0.00	152.65 -0.66 0.00	169.18 -1.12 0.00	141.35 -0.19 0.00	123.99 1.18 0.00
MILLIKEN___1 23584	150.01 0.25 0.00	143.80 -0.11 -0.20	123.32 -0.08 0.00	115.24 -0.22 -1.43	120.63 0.27 -1.20	134.08 0.40 -6.91	143.31 1.05 -1.09	164.49 1.20 2.30	186.20 1.55 1.95	253.11 1.55 8.96	187.67 1.44 9.65	173.96 1.18 1.31	156.75 1.09 5.96	150.94 1.02 5.72	152.43 0.62 0.46	194.86 1.81 0.00	153.63 1.14 4.94	177.20 1.86 0.00	180.14 2.02 0.00	182.14 2.51 0.00	154.81 1.49 0.00	172.93 1.60 -1.03	144.62 0.91 -2.17	124.44 0.35 -1.27
MILLIKEN___2 23585	150.01 0.25 0.00	143.80 -0.11 -0.20	123.32 -0.08 0.00	115.24 -0.22 -1.43	120.63 0.27 -1.20	134.08 0.40 -6.91	143.31 1.05 -1.09	164.49 1.20 2.30	186.20 1.55 1.95	253.11 1.55 8.96	187.67 1.44 9.65	173.96 1.18 1.31	156.75 1.09 5.96	150.94 1.02 5.72	152.43 0.62 0.46	194.86 1.81 0.00	153.63 1.14 4.94	177.20 1.86 0.00	180.14 2.02 0.00	182.14 2.51 0.00	154.81 1.49 0.00	172.93 1.60 -1.03	144.62 0.91 -2.17	124.44 0.35 -1.27
MILLIKEN___DIESEL 23629	150.01 0.25 0.00	143.80 -0.11 -0.20	123.32 -0.08 0.00	115.24 -0.22 -1.43	120.63 0.27 -1.20	134.08 0.40 -6.91	143.31 1.05 -1.09	164.49 1.20 2.30	186.20 1.55 1.95	253.11 1.55 8.96	187.67 1.44 9.65	173.96 1.18 1.31	156.75 1.09 5.96	150.94 1.02 5.72	152.43 0.62 0.46	194.86 1.81 0.00	153.63 1.14 4.94	177.20 1.86 0.00	180.14 2.02 0.00	182.14 2.51 0.00	154.81 1.49 0.00	172.93 1.60 -1.03	144.62 0.91 -2.17	124.44 0.35 -1.27
MILLSEAT___LFGE 323607	125.47 -11.94 12.35	132.56 -11.15 0.00	113.54 -9.87 0.00	103.19 -10.09 0.75	95.63 -10.29 13.25	65.92 -11.72 49.13	117.52 -14.92 8.74	96.00 -17.80 51.79	129.07 -19.54 37.99	188.46 -28.94 43.13	131.64 -20.88 43.36	121.22 -18.88 33.99	109.11 -19.16 33.35	109.46 -18.53 27.66	126.73 -18.93 6.61	93.26 -19.61 80.18	133.73 -17.96 5.73	181.11 -18.75 -24.53	136.71 -18.57 22.83	76.10 -16.80 86.73	125.45 -16.85 11.01	96.40 -16.35 57.55	93.06 -13.11 35.36	83.59 -12.21 27.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	155.08 5.32 0.00	149.29 4.90 -0.68	127.86 4.46 0.00	123.59 4.60 -4.97	128.92 4.35 -5.40	160.32 4.13 -29.42	154.13 4.77 -8.18	176.77 5.91 -5.28	203.50 6.29 -10.62	269.43 9.53 0.62	201.69 8.00 2.17	181.01 7.21 0.30	167.37 7.09 1.34	161.28 6.92 1.29	159.14 6.97 0.10	199.88 6.84 0.00	162.84 6.52 1.11	182.71 7.37 0.00	185.14 7.02 0.00	186.36 6.73 0.00	160.08 6.77 0.00	180.36 6.37 -3.69	154.90 5.58 -7.78	132.32 4.94 -4.56
MILLWOOD_13_KV_LOAD 356217	155.47 5.70 0.00	149.66 5.27 -0.68	128.17 4.77 0.00	123.87 4.88 -4.97	129.21 4.65 -5.40	160.66 4.47 -29.42	154.55 5.19 -8.18	177.24 6.38 -5.28	204.09 6.87 -10.62	270.22 10.31 0.62	202.33 8.63 2.17	181.55 7.75 0.30	167.88 7.61 1.34	161.80 7.44 1.29	159.63 7.46 0.10	200.48 7.43 0.00	163.36 7.04 1.11	183.30 7.96 0.00	185.76 7.64 0.00	186.94 7.31 0.00	160.57 7.25 0.00	180.87 6.89 -3.69	155.33 6.01 -7.78	132.66 5.28 -4.56
MODEL_CITY_ENERGY 24167	120.63 -14.93 14.21	129.75 -13.96 0.00	111.08 -12.32 0.00	100.67 -12.49 0.86	91.02 -12.97 15.17	55.59 -14.97 56.21	111.92 -19.44 9.82	82.70 -23.62 59.27	117.16 -26.07 43.36	173.68 -37.97 48.87	119.85 -27.53 48.49	110.61 -24.62 38.86	100.12 -24.18 37.32	101.52 -23.30 30.82	120.88 -23.87 7.52	74.92 -25.92 92.20	128.04 -23.65 5.74	166.43 -25.43 -16.53	120.19 -25.19 32.74	56.22 -23.10 100.31	118.40 -22.23 12.68	82.55 -21.44 66.31	84.11 -16.69 40.74	76.53 -15.17 31.11
MODERN_LFGE___ 323580	120.63 -14.93 14.21	129.75 -13.96 0.00	111.08 -12.32 0.00	100.67 -12.49 0.86	91.02 -12.97 15.17	55.59 -14.97 56.21	111.92 -19.44 9.82	82.70 -23.62 59.27	117.16 -26.07 43.36	173.68 -37.97 48.87	119.85 -27.53 48.49	110.61 -24.62 38.86	100.12 -24.18 37.32	101.52 -23.30 30.82	120.88 -23.87 7.52	74.92 -25.92 92.20	128.04 -23.65 5.74	166.43 -25.43 -16.53	120.19 -25.19 32.74	56.22 -23.10 100.31	118.40 -22.23 12.68	82.55 -21.44 66.31	84.11 -16.69 40.74	76.53 -15.17 31.11
MOHAWK_PAPER___DRP 24187	156.61 6.84 0.00	155.08 6.86 -4.51	129.41 6.01 0.00	152.66 5.69 -32.94	161.36 5.83 -36.36	330.11 5.73 -197.61	203.62 6.15 -56.29	213.69 7.01 -41.10	274.01 7.80 -79.61	282.29 11.48 -10.27	204.43 8.56 0.00	181.35 7.26 0.00	168.65 7.03 0.00	162.25 6.60 0.00	158.53 6.26 0.00	200.46 7.42 0.00	163.25 5.81 0.00	181.53 6.19 0.00	184.48 6.36 0.00	186.12 6.49 0.00	159.59 6.28 0.00	202.21 7.41 -24.50	199.83 6.61 -51.69	158.83 5.70 -30.31
MOHICAN___35_KV_115KV_LD 80490	162.55 12.78 0.00	163.55 12.58 -7.26	134.27 10.87 0.00	177.19 10.11 -53.06	188.40 10.64 -58.58	456.65 11.54 -318.34	245.08 13.22 -90.68	247.80 16.01 -66.21	334.88 18.43 -129.85	302.44 24.88 -17.03	213.55 17.68 0.00	189.01 14.92 0.00	175.75 14.14 0.00	169.03 13.38 0.00	166.34 14.07 0.00	210.88 17.83 0.00	172.01 14.57 0.00	192.08 16.74 0.00	195.09 16.98 0.00	197.37 17.74 0.00	168.31 14.99 0.00	226.70 16.92 -39.48	238.15 13.34 -83.27	182.73 11.07 -48.84
MONGAUP___HYD 23641	156.25 6.49 0.00	150.32 5.99 -0.62	128.69 5.29 0.00	123.81 5.25 -4.53	129.34 5.26 -4.91	158.78 5.22 -26.79	154.74 6.14 -7.42	177.85 7.58 -4.69	204.34 8.24 -9.51	270.89 11.22 0.86	202.25 8.66 2.28	181.51 7.73 0.31	167.70 7.49 1.41	161.90 7.60 1.35	159.72 7.56 0.11	200.28 7.24 0.00	161.61 5.35 1.17	182.05 6.72 0.00	184.56 6.45 0.00	185.86 6.23 0.00	159.50 6.19 0.00	181.46 7.80 -3.36	155.69 7.06 -7.09	132.74 5.76 -4.16
MONTAUK___DIESEL 23721	126.98 3.17 25.96	128.39 2.80 18.12	126.46 3.17 0.12	123.84 4.83 -5.00	128.57 3.97 -5.43	129.71 2.71 -0.23	139.68 4.19 5.69	168.29 3.96 1.25	197.39 4.51 -6.28	366.76 21.36 -84.87	220.70 17.74 -7.09	187.11 13.32 0.30	173.56 13.29 1.34	167.23 12.87 1.29	166.60 14.44 0.10	204.77 11.73 0.01	170.85 12.54 -0.87	188.49 12.67 -0.48	201.48 14.84 -8.53	196.99 17.36 0.00	170.94 15.21 -2.42	185.76 11.76 -3.71	210.40 10.11 -58.76	151.44 11.09 -17.54
MOONROAD_115KV_HARTFLD_TB1-2 355988	142.43 -7.34 0.00	137.71 -6.00 0.00	117.30 -6.10 0.00	105.84 -8.18 0.00	111.15 -7.57 0.44	116.72 -8.09 1.95	131.04 -8.57 1.56	148.95 -11.96 4.68	169.19 -11.18 6.22	232.07 -17.66 10.80	169.05 -15.78 11.04	156.55 -16.04 1.50	138.26 -16.54 6.82	133.46 -15.64 6.55	135.44 -16.31 0.52	178.24 -14.80 0.00	135.54 -16.23 5.66	157.77 -17.57 0.00	160.29 -17.82 0.00	164.68 -14.95 0.00	138.93 -14.38 0.00	156.53 -13.77 0.00	130.21 -11.33 0.00	111.97 -10.85 0.00

MORRIS_RIDGE___SOLAR 323848	135.98 -11.50 2.29	132.54 -11.34 -0.17	113.56 -9.84 0.00	105.49 -9.67 -1.14	109.27 -8.50 1.40	113.95 -9.83 2.98	129.15 -11.35 0.68	139.43 -14.26 11.89	163.52 -16.15 6.93	223.29 -23.00 14.24	163.58 -15.79 16.50	152.16 -14.54 7.40	135.99 -14.12 11.50	131.16 -14.24 10.25	136.15 -14.50 1.62	163.48 -14.92 14.64	137.78 -14.11 5.55	160.06 -14.74 0.54	157.00 -13.82 7.29	150.27 -12.49 16.87	137.29 -13.91 2.12	146.17 -13.98 10.14	125.30 -11.41 4.82	108.11 -10.67 4.03
MORTIMER_115KV_TB3 55949	141.89 -7.87 0.00	136.10 -7.61 0.00	116.73 -6.67 0.00	107.41 -6.62 0.00	111.99 -6.74 0.45	117.14 -7.65 1.98	130.35 -9.25 1.58	149.85 -11.13 4.61	168.06 -12.40 6.13	231.52 -18.34 10.67	171.44 -13.33 11.10	160.60 -11.98 1.52	142.91 -11.79 6.91	137.81 -11.20 6.64	140.17 -11.57 0.53	180.77 -12.27 0.00	140.57 -11.12 5.73	167.65 -11.52 -3.83	168.52 -11.70 -2.11	169.03 -10.74 -0.14	142.87 -10.44 0.00	159.62 -10.68 -0.01	132.62 -8.92 0.00	114.69 -8.12 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	156.02 6.25 0.00	150.17 5.77 -0.68	128.56 5.16 0.00	124.30 5.28 -4.99	129.64 5.04 -5.43	161.26 4.92 -29.58	155.07 5.66 -8.23	177.99 7.09 -5.32	204.86 7.58 -10.68	271.32 11.39 0.61	203.29 9.58 2.16	182.42 8.62 0.30	168.75 8.47 1.34	162.60 8.24 1.28	160.54 8.37 0.10	201.50 8.45 0.00	164.18 7.85 1.11	184.18 8.84 0.00	186.48 8.37 0.00	187.48 7.85 0.00	161.11 7.80 0.00	181.46 7.45 -3.71	155.96 6.60 -7.82	133.23 5.83 -4.59
MUNSVILLE_WIND_PWR 323609	160.84 5.81 -5.26	147.62 3.45 -0.46	127.45 4.05 0.00	122.27 4.57 -3.67	134.92 6.94 -8.81	174.19 8.74 -38.68	160.43 11.72 -7.54	200.74 14.26 -20.89	220.09 16.18 -17.31	288.43 20.86 -7.04	215.73 14.71 -5.14	199.95 13.20 -12.66	180.07 12.64 -5.81	171.63 12.27 -3.71	165.91 11.47 -2.18	240.72 13.46 -34.23	164.77 11.89 4.55	191.86 15.39 -1.13	209.20 15.77 -15.31	230.91 15.79 -35.49	171.48 13.71 -4.46	211.16 15.09 -25.78	172.51 11.45 -19.52	145.48 8.68 -13.98
N SALMON___HYD 24042	154.73 4.96 0.00	148.48 4.77 0.00	127.30 3.90 0.00	117.24 3.21 0.00	122.02 2.85 0.00	131.30 4.53 0.00	146.44 5.27 0.00	172.53 6.94 0.00	194.58 7.98 0.00	271.57 11.04 0.00	203.74 7.87 0.00	181.14 7.05 0.00	167.18 5.56 0.00	160.89 5.25 0.00	157.32 5.04 0.00	200.83 7.79 0.00	164.12 6.69 0.00	182.80 7.46 0.00	186.26 8.14 0.00	187.49 7.86 0.00	158.86 5.55 0.00	176.17 5.88 0.00	145.88 4.34 0.00	126.63 3.81 0.00
N.AKRON___115KV_KNAPP 355671	137.67 -12.09 0.00	132.38 -11.33 0.00	113.35 -10.05 0.00	103.68 -10.34 0.00	108.19 -10.53 0.45	112.51 -12.28 1.98	123.96 -15.63 1.59	142.76 -19.12 3.71	160.65 -20.86 5.08	220.80 -30.73 9.00	163.11 -22.26 10.50	152.40 -20.17 1.52	134.43 -20.27 6.92	129.61 -19.39 6.64	132.04 -19.70 0.53	172.06 -20.98 0.00	132.53 -19.16 5.73	184.83 -20.06 -29.56	174.29 -20.06 -16.24	162.37 -18.31 -1.05	135.54 -17.77 0.00	152.81 -17.54 -0.05	127.68 -13.87 -0.02	110.08 -12.73 0.00
N.E._GEN_SANDY PD 24062	153.53 6.16 2.40	152.06 6.08 -2.27	140.24 5.41 -11.42	145.22 5.30 -25.90	143.70 5.20 -19.33	213.82 4.96 -82.09	178.11 5.12 -31.81	187.50 6.05 -15.87	249.31 6.93 -55.79	272.92 10.13 -2.27	202.00 7.76 1.63	180.20 6.57 0.46	167.16 6.73 1.18	160.99 6.48 1.14	159.10 6.45 -0.38	198.69 6.53 0.89	171.90 5.51 -8.96	175.27 5.75 5.83	179.94 5.76 3.94	191.56 6.16 -5.77	158.74 6.30 0.87	187.47 6.98 -10.20	165.09 5.83 -17.72	143.56 5.07 -15.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	154.41 4.64 0.00	148.59 4.22 -0.66	127.28 3.87 0.00	122.92 4.07 -4.82	128.18 3.77 -5.24	158.87 3.55 -28.55	153.41 4.26 -7.98	176.02 5.32 -5.12	202.55 5.63 -10.32	268.47 8.63 0.68	200.95 7.28 2.20	180.44 6.64 0.30	166.74 6.48 1.36	160.73 6.39 1.31	158.53 6.37 0.10	199.21 6.17 0.00	162.26 5.95 1.13	182.19 6.85 0.00	184.62 6.50 0.00	185.74 6.11 0.00	159.53 6.22 0.00	179.65 5.75 -3.60	154.24 5.11 -7.60	131.75 4.48 -4.46
N.QUEENS_27_KV_LOAD 356247	156.27 6.50 0.00	150.81 6.42 -0.68	129.12 5.72 0.00	124.67 5.66 -4.99	130.05 5.46 -5.43	161.59 5.25 -29.57	155.35 5.95 -8.23	178.40 7.50 -5.32	205.28 8.00 -10.68	271.79 11.87 0.61	203.82 10.11 2.16	182.94 9.14 0.30	169.29 9.00 1.34	162.91 8.55 1.29	161.05 8.88 0.10	201.97 8.92 0.00	164.74 8.42 1.11	185.01 9.67 0.00	186.54 8.42 0.00	187.37 7.74 0.00	161.35 8.04 0.00	181.15 7.14 -3.71	156.37 7.01 -7.82	133.89 6.49 -4.59
N.TROY___115KV_TB1 355778	156.87 7.11 0.00	156.74 7.16 -5.87	129.67 6.26 0.00	162.84 5.93 -42.88	172.56 6.04 -47.35	390.13 6.08 -257.27	220.96 6.49 -73.29	226.73 7.63 -53.51	299.32 8.75 -103.97	286.35 12.35 -13.47	204.87 9.00 0.00	181.65 7.56 0.00	169.05 7.44 0.00	162.73 7.09 0.00	159.35 7.09 0.00	201.43 8.38 0.00	164.20 6.76 0.00	182.41 7.08 0.00	185.29 7.18 0.00	187.37 7.74 0.00	160.40 7.09 0.00	210.54 8.34 -31.90	215.71 6.87 -67.30	168.14 5.86 -39.47
NARROWS_GT1_1 24228	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT1_2 24229	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT1_3 24230	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT1_4 24231	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT1_5 24232	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59

NARROWS_GT1_6 24233	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT1_7 24234	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT1_8 24235	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_1 24236	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_2 24237	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_3 24238	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_4 24239	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_5 24240	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_6 24241	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_7 24242	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NARROWS_GT2_8 24243	155.74 5.98 0.00	150.01 5.61 -0.68	128.56 5.16 0.00	124.21 5.19 -4.99	129.51 4.91 -5.43	160.92 4.58 -29.57	154.88 5.48 -8.23	177.78 6.88 -5.32	204.62 7.35 -10.68	271.11 11.19 0.61	203.59 9.88 2.16	183.05 9.25 0.30	169.51 9.23 1.34	163.19 8.83 1.29	161.21 9.04 0.10	201.92 8.87 0.00	164.40 8.08 1.11	184.65 9.31 0.00	186.64 8.53 0.00	187.58 7.96 0.00	161.57 8.25 0.00	181.54 7.53 -3.71	156.61 7.26 -7.82	133.85 6.45 -4.59
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	160.10 10.34 0.00	156.41 10.34 -2.36	132.44 9.04 0.00	139.54 8.27 -17.24	146.84 8.71 -18.96	238.82 8.93 -103.12	180.35 9.97 -29.21	197.89 11.57 -20.74	238.69 12.61 -39.49	281.97 18.19 -3.25	206.91 12.87 1.82	184.13 10.29 0.25	170.63 10.14 1.13	163.88 9.32 1.08	160.97 8.78 0.09	204.98 11.93 0.00	166.19 9.69 0.94	186.29 10.96 0.00	189.24 11.13 0.00	190.84 11.21 0.00	163.31 10.00 0.00	194.48 11.37 -12.82	178.39 9.81 -27.05	147.07 8.39 -15.86
NCHELSEA_115KV_TR2 355582	157.00 7.24 0.00	151.13 6.72 -0.70	129.40 5.99 0.00	125.10 5.97 -5.10	130.56 5.85 -5.54	162.73 5.75 -30.21	156.22 6.64 -8.41	179.19 8.16 -5.45	206.39 8.87 -10.92	272.91 12.97 0.58	204.10 10.40 2.16	183.10 9.30 0.30	169.32 9.04 1.34	163.14 8.78 1.29	160.99 8.82 0.10	202.40 9.35 0.00	164.74 8.42 1.11	184.95 9.61 0.00	187.56 9.44 0.00	188.86 9.23 0.00	162.07 8.76 0.00	182.83 8.75 -3.79	156.82 7.30 -7.99	133.80 6.29 -4.69
NEG CAPITAL___MECHNVIL 23645	159.40 9.63 0.00	160.11 9.56 -6.84	131.71 8.31 0.00	171.85 7.79 -50.03	182.49 8.09 -55.24	435.42 8.48 -300.17	236.14 9.46 -85.51	239.39 11.37 -62.43	321.54 12.88 -122.07	294.20 17.73 -15.95	208.76 12.89 0.00	184.92 10.83 0.00	171.90 10.29 0.00	165.46 9.82 0.00	162.31 10.04 0.00	205.73 12.69 0.00	167.87 10.44 0.00	186.90 11.56 0.00	189.73 11.61 0.00	191.74 12.11 0.00	163.83 10.52 0.00	219.42 11.89 -37.22	229.62 9.57 -78.52	176.93 8.06 -46.05
NEG CENTRAL_HIGH_ACRES 23767	134.75 -9.04 5.98	135.01 -8.71 0.00	115.84 -7.57 0.00	106.28 -7.38 0.36	105.04 -7.51 6.63	93.88 -8.17 24.71	126.54 -9.66 4.97	126.51 -11.31 27.76	152.33 -12.60 21.66	215.41 -18.48 26.64	155.92 -13.44 26.51	144.88 -12.02 17.20	130.56 -11.66 19.39	127.93 -11.21 16.51	137.20 -11.62 3.45	141.60 -12.56 38.88	140.79 -11.18 5.46	162.10 -11.90 1.34	148.07 -11.81 18.23	126.38 -10.99 42.25	137.32 -10.68 5.31	131.49 -11.05 27.75	115.09 -9.40 17.05	101.16 -8.64 13.02

NEG CENTRAL___DRP 24199	146.32 -3.45 0.00	140.19 -3.52 0.00	120.31 -3.09 0.00	110.91 -3.12 0.00	115.84 -3.00 0.33	122.10 -3.23 1.44	136.59 -3.44 1.15	158.00 -4.14 3.45	177.60 -4.42 4.57	245.87 -6.71 7.94	182.91 -4.82 8.14	168.65 -4.34 1.11	152.32 -4.28 5.03	146.63 -4.19 4.83	147.34 -4.54 0.38	188.68 -4.36 0.00	149.29 -3.97 4.17	171.45 -3.89 0.00	174.13 -3.98 0.00	176.17 -3.47 0.00	149.61 -3.70 0.00	166.25 -4.04 0.00	137.87 -3.66 0.00	119.27 -3.55 0.00
NEG CENTRAL___INDECK 23768	132.64 -14.59 2.54	129.19 -14.52 0.00	111.03 -12.37 0.00	102.52 -11.35 0.15	105.02 -11.08 3.07	103.37 -11.79 11.61	124.35 -13.81 3.01	135.20 -15.88 14.50	162.18 -18.30 6.12	223.63 -26.28 10.62	161.06 -18.33 16.48	149.41 -16.54 8.13	133.33 -16.14 12.14	128.60 -16.28 10.77	134.01 -16.50 1.76	158.98 -17.66 16.40	136.41 -15.43 5.59	158.98 -15.78 0.58	154.62 -15.57 7.91	146.84 -14.47 18.33	135.73 -15.28 2.30	142.04 -16.23 12.03	120.76 -13.38 7.39	105.04 -12.13 5.65
NEG CENTRAL___SENECA 23627	145.72 -4.04 0.00	139.68 -4.03 0.00	119.84 -3.57 0.00	110.42 -3.60 0.00	115.32 -3.48 0.38	121.33 -3.77 1.67	135.65 -4.19 1.34	156.61 -4.97 4.00	175.90 -5.39 5.31	243.09 -8.22 9.22	180.51 -5.91 9.44	167.41 -5.40 1.28	150.40 -5.39 5.83	144.84 -5.21 5.60	146.24 -5.58 0.45	187.69 -5.36 0.00	147.63 -4.96 4.84	170.51 -4.83 0.00	173.26 -4.85 0.00	175.42 -4.21 0.00	148.70 -4.62 0.00	165.37 -4.93 0.00	137.11 -4.43 0.00	118.54 -4.27 0.00
NEG CENTRAL___STATE_STREET 24147	147.99 -1.77 0.00	141.76 -1.95 0.00	121.72 -1.69 0.00	112.07 -1.96 0.00	117.03 -1.84 0.30	123.56 -1.89 1.31	138.41 -1.72 1.05	160.28 -2.16 3.14	180.76 -1.66 4.17	250.70 -2.58 7.25	186.71 -1.74 7.42	171.50 -1.58 1.01	155.53 -1.51 4.58	149.71 -1.53 4.40	149.70 -2.22 0.35	191.57 -1.48 0.00	152.12 -1.51 3.81	174.18 -1.16 0.00	176.49 -1.63 0.00	178.93 -0.70 0.00	152.11 -1.21 0.00	168.94 -1.35 0.00	140.03 -1.51 0.00	121.10 -1.72 0.00
NEG MILLWOOD___DRP 24198	157.64 7.87 0.00	151.71 7.31 -0.70	129.94 6.54 0.00	125.60 6.47 -5.10	131.12 6.41 -5.54	163.39 6.41 -30.21	157.02 7.43 -8.41	180.16 9.12 -5.45	207.53 9.99 -10.94	274.41 14.44 0.56	205.23 11.51 2.15	184.06 10.26 0.29	170.22 9.92 1.33	164.06 9.69 1.28	161.89 9.73 0.10	203.46 10.42 0.00	165.66 9.33 1.10	186.01 10.67 0.00	188.67 10.56 0.00	189.89 10.26 0.00	162.97 9.66 0.00	183.72 9.63 -3.79	157.53 8.01 -7.99	134.39 6.89 -4.69
NEG NORTH_FLCN_SEA 23793	153.02 3.26 0.00	146.70 2.99 0.00	125.88 2.48 0.00	115.97 1.94 0.00	120.64 1.47 0.00	129.21 2.44 0.00	143.87 2.69 0.00	169.25 3.67 0.00	191.15 4.55 0.00	266.27 5.74 0.00	199.74 3.87 0.00	177.44 3.35 0.00	164.04 2.42 0.00	158.25 2.61 0.00	154.73 2.47 0.00	196.70 3.66 0.00	159.68 2.25 0.00	177.32 1.98 0.00	181.55 3.43 0.00	182.99 3.36 0.00	155.72 2.41 0.00	173.66 3.37 0.00	143.65 2.12 0.00	124.51 1.69 0.00
NEG NORTH_KES_CHATEGAY 23792	151.16 1.40 0.00	144.76 1.06 0.00	124.22 0.81 0.00	114.38 0.35 0.00	119.32 0.15 0.00	128.28 1.52 0.00	142.93 1.76 0.00	168.34 2.76 0.00	190.01 3.41 0.00	265.08 4.56 0.00	198.84 2.97 0.00	176.57 2.48 0.00	163.23 1.61 0.00	157.19 1.55 0.00	153.68 1.42 0.00	196.03 2.98 0.00	160.11 2.67 0.00	178.29 2.96 0.00	181.79 3.67 0.00	183.12 3.49 0.00	155.65 2.34 0.00	172.81 2.51 0.00	142.88 1.35 0.00	123.83 1.02 0.00
NEG NORTH___ALICE_FALLS 23915	154.02 4.26 0.00	147.66 3.95 0.00	126.68 3.27 0.00	116.70 2.67 0.00	121.42 2.26 0.00	130.44 3.67 0.00	145.71 4.54 0.00	174.39 8.80 0.00	196.38 9.78 0.00	274.39 13.86 0.00	205.32 9.45 0.00	182.43 8.34 0.00	167.68 6.07 0.00	161.96 6.32 0.00	158.59 6.32 0.00	202.56 9.52 0.00	165.88 8.45 0.00	185.01 9.68 0.00	188.73 10.62 0.00	190.14 10.51 0.00	161.60 8.28 0.00	179.42 9.12 0.00	148.10 6.57 0.00	128.10 5.29 0.00
NEG NORTH___LWR_SARANAC 23913	154.02 4.26 0.00	147.66 3.95 0.00	126.68 3.27 0.00	116.70 2.67 0.00	121.42 2.26 0.00	130.44 3.67 0.00	145.71 4.54 0.00	174.39 8.80 0.00	196.38 9.78 0.00	274.39 13.86 0.00	205.32 9.45 0.00	182.43 8.34 0.00	167.68 6.07 0.00	161.96 6.32 0.00	158.59 6.32 0.00	202.56 9.52 0.00	165.88 8.45 0.00	185.01 9.68 0.00	188.73 10.62 0.00	190.14 10.51 0.00	161.60 8.28 0.00	179.42 9.12 0.00	148.10 6.57 0.00	128.10 5.29 0.00
NEG NORTH___PLATTSBURG 23628	154.02 4.26 0.00	147.66 3.95 0.00	126.67 3.27 0.00	116.70 2.67 0.00	121.42 2.25 0.00	130.45 3.68 0.00	145.73 4.55 0.00	174.38 8.80 0.00	196.37 9.78 0.00	274.38 13.85 0.00	205.35 9.48 0.00	182.45 8.35 0.00	167.68 6.07 0.00	161.96 6.32 0.00	158.60 6.32 0.00	202.57 9.53 0.00	165.84 8.41 0.00	185.01 9.67 0.00	188.75 10.63 0.00	190.14 10.51 0.00	161.59 8.28 0.00	179.41 9.12 0.00	148.10 6.57 0.00	128.11 5.30 0.00
NEG WEST_LEA_LOCKPORT 23791	135.05 -14.71 0.00	129.96 -13.75 0.00	111.27 -12.13 0.00	101.69 -12.33 0.00	106.02 -12.70 0.45	109.92 -14.86 1.98	120.69 -18.90 1.59	132.40 -23.25 9.93	148.70 -25.52 12.38	202.85 -37.03 20.65	154.19 -26.96 14.71	148.37 -24.20 1.52	130.93 -23.77 6.92	126.15 -22.85 6.65	128.53 -23.21 0.53	167.56 -25.48 0.00	128.51 -23.14 5.79	2.86 -24.74 147.74	72.21 -24.71 81.20	151.64 -22.76 5.23	131.77 -21.53 0.01	148.58 -21.49 0.22	124.57 -16.88 0.08	107.63 -15.18 0.01
NEG WEST___LANCASTER 23811	142.60 -7.17 0.00	137.26 -6.46 0.00	117.60 -5.81 0.00	107.38 -6.64 0.00	112.43 -6.29 0.44	117.09 -7.73 1.95	129.50 -10.11 1.57	148.75 -12.22 4.61	168.00 -12.46 6.13	230.91 -18.95 10.67	171.40 -13.47 11.00	160.39 -12.20 1.50	142.60 -12.19 6.83	136.97 -12.12 6.56	138.90 -12.85 0.52	181.20 -11.85 0.00	139.00 -12.77 5.67	163.60 -13.85 -2.12	165.96 -13.32 -1.16	168.78 -10.93 -0.07	141.27 -12.04 0.00	159.07 -11.23 0.00	132.86 -8.67 0.00	114.50 -8.31 0.00
NEG_PENN_ALLEGHNY 23528	156.28 -1.37 -7.89	142.47 -1.55 -0.31	122.03 -1.38 0.00	115.40 -1.39 -2.76	128.52 -0.96 -10.31	167.63 -1.26 -42.12	147.47 -0.80 -7.09	195.04 -0.08 -29.54	207.19 -0.21 -20.80	272.48 -0.73 -12.68	205.57 -1.43 -11.13	192.11 -1.43 -19.45	171.25 -1.23 -10.86	162.02 -1.25 -7.63	154.25 -1.44 -3.42	243.28 -1.06 -51.29	150.96 -1.44 5.03	175.78 -1.27 -1.71	200.44 -0.98 -23.31	232.84 -0.81 -54.02	158.88 -1.21 -6.78	206.20 -1.25 -37.15	165.54 -1.30 -25.31	140.04 -1.48 -18.70
NEG___GEN_MONROE 24207	142.26 -7.50 0.00	136.52 -7.20 0.00	117.05 -6.35 0.00	107.59 -6.44 0.00	112.21 -6.51 0.45	117.34 -7.45 1.98	130.52 -9.07 1.58	150.08 -10.94 4.56	168.36 -12.16 6.08	231.76 -18.19 10.59	171.65 -13.15 11.06	160.66 -11.92 1.52	142.70 -12.01 6.91	137.51 -11.50 6.64	139.85 -11.89 0.53	180.78 -12.26 0.00	140.62 -11.08 5.73	169.23 -11.23 -5.12	169.52 -11.41 -2.81	169.52 -10.29 -0.18	142.97 -10.34 0.00	159.90 -10.40 -0.01	132.91 -8.63 0.00	114.83 -7.99 0.00
NEPA___ENERGY 23901	139.98 -9.78 0.00	134.62 -9.09 0.00	115.09 -8.32 0.00	104.92 -9.10 0.00	110.20 -8.52 0.44	114.66 -10.16 1.95	128.80 -10.81 1.56	145.96 -14.95 4.67	164.57 -15.81 6.21	225.74 -24.01 10.78	166.79 -18.04 11.04	156.32 -16.27 1.50	138.93 -15.87 6.82	133.77 -15.32 6.55	136.14 -15.61 0.52	177.47 -15.57 0.00	136.02 -15.75 5.66	158.24 -17.10 0.00	161.44 -16.67 0.00	164.59 -15.04 0.00	138.50 -14.81 0.00	155.40 -14.90 0.00	129.20 -12.34 0.00	111.48 -11.34 0.00

NEVERSINK___HYD 23608	154.32 4.55 0.00	148.53 4.12 -0.71	127.18 3.77 0.00	123.05 3.86 -5.17	128.60 3.82 -5.61	161.10 3.72 -30.60	154.22 4.53 -8.51	176.85 5.79 -5.48	203.76 6.17 -10.99	268.78 8.93 0.68	200.70 7.11 2.28	180.23 6.44 0.31	166.47 6.26 1.41	160.42 6.13 1.35	158.39 6.23 0.11	199.40 6.36 0.00	162.31 6.05 1.17	182.51 7.17 0.00	185.04 6.92 0.00	186.27 6.64 0.00	159.74 6.42 0.00	180.13 5.99 -3.84	154.55 4.92 -8.10	131.63 4.06 -4.75
NEWKRMKL_115KV_TB1 55635	155.87 6.11 0.00	153.72 6.29 -3.72	128.92 5.52 0.00	146.53 5.29 -27.21	154.61 5.40 -30.04	295.13 5.13 -163.23	193.05 5.38 -46.50	205.22 5.68 -33.95	257.82 6.13 -65.09	278.36 9.55 -8.29	203.24 7.37 0.00	180.35 6.25 0.00	167.88 6.26 0.00	161.30 5.65 0.00	157.23 4.96 0.00	198.65 5.60 0.00	161.64 4.21 0.00	179.72 4.39 0.00	182.65 4.54 0.00	184.22 4.59 0.00	158.17 4.86 0.00	196.36 5.82 -20.24	190.05 5.82 -42.69	153.05 5.20 -25.04
NEWTON___FALLS_HYD 23847	151.70 1.94 0.00	146.16 2.45 0.00	124.52 1.12 0.00	114.34 0.32 0.00	120.33 1.16 0.00	128.60 1.84 0.00	143.13 1.95 0.00	169.02 3.43 0.00	190.58 3.99 0.00	265.83 5.30 0.00	199.14 3.26 0.00	176.36 2.26 0.00	163.57 1.95 0.00	157.64 1.99 0.00	154.88 2.61 0.00	197.26 4.22 0.00	160.12 2.69 0.00	178.59 3.25 0.00	181.53 3.42 0.00	181.84 2.21 0.00	152.05 -1.26 0.00	168.03 -2.27 0.00	140.30 -1.23 0.00	122.45 -0.36 0.00
NGRID_A1_DSASP 323792	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
NGRID_A2_DSASP 323793	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
NGRID_A4_DSASP 323807	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
NIAGARA_115E_LBMP 323715	119.84 -15.35 14.57	129.33 -14.38 0.00	110.72 -12.68 0.00	100.33 -12.82 0.88	90.25 -13.37 15.55	53.76 -15.41 57.59	111.05 -20.09 10.03	80.20 -24.48 60.91	114.91 -27.06 44.62	170.85 -39.35 50.33	117.64 -28.61 49.62	108.72 -25.55 39.82	98.53 -24.99 38.10	100.13 -24.07 31.44	119.96 -24.61 7.70	71.47 -27.00 94.57	127.25 -24.43 5.75	158.89 -26.43 -9.98	114.50 -26.20 37.41	52.39 -24.09 103.15	117.26 -23.05 13.01	80.11 -22.16 68.03	82.61 -17.13 41.79	75.36 -15.54 31.92
NIAGARA_115W_LBMP 323714	119.92 -15.09 14.76	129.57 -14.14 0.00	110.95 -12.46 0.00	100.54 -12.60 0.89	90.32 -13.11 15.74	53.29 -15.16 58.32	111.76 -19.27 10.14	79.74 -23.73 62.11	114.94 -26.09 45.57	170.88 -38.01 51.63	118.32 -27.10 50.45	109.59 -24.16 40.34	99.16 -23.93 38.53	100.31 -23.55 31.79	120.15 -24.33 7.79	71.57 -25.64 95.84	127.31 -24.35 5.77	145.52 -26.49 3.33	107.08 -25.76 45.27	51.75 -22.95 104.92	117.27 -22.87 13.17	79.32 -22.06 68.91	81.75 -17.46 42.33	74.90 -15.59 32.32
NIAGARA_230_LBMP 323716	120.91 -14.29 14.57	130.29 -13.42 0.00	111.59 -11.81 0.00	101.22 -11.93 0.88	91.23 -12.39 15.55	54.80 -14.37 57.60	112.88 -18.26 10.03	81.63 -22.26 61.70	116.60 -24.68 45.31	173.02 -35.94 51.57	119.69 -26.01 50.17	111.07 -23.14 39.88	100.74 -22.70 38.18	102.26 -21.88 31.51	122.01 -22.55 7.71	73.96 -24.41 94.68	129.28 -22.37 5.78	139.27 -24.24 11.83	104.77 -23.98 49.37	53.89 -21.91 103.83	119.20 -21.11 13.00	81.44 -20.85 68.01	83.21 -16.55 41.77	76.19 -14.73 31.89
NIAGARA___115KV_198_GIBSON 55903	134.80 -14.96 0.00	129.58 -14.13 0.00	110.91 -12.49 0.00	101.41 -12.61 0.00	105.63 -13.09 0.45	109.42 -15.36 1.99	120.25 -19.34 1.59	136.63 -24.20 4.76	153.73 -26.54 6.33	211.02 -38.52 10.98	157.05 -27.58 11.24	147.84 -24.73 1.53	130.23 -24.45 6.94	125.08 -23.90 6.67	127.33 -24.40 0.53	166.86 -26.18 0.00	126.96 -24.71 5.76	148.68 -26.66 0.00	151.86 -26.26 0.00	156.03 -23.60 0.00	130.43 -22.88 0.00	147.71 -22.58 0.00	123.71 -17.83 0.00	107.05 -15.76 0.00
NIAGARA____ 23760	120.86 -14.29 14.61	130.29 -13.42 0.00	111.59 -11.81 0.00	101.21 -11.93 0.88	91.18 -12.39 15.59	54.71 -14.37 57.68	112.87 -18.26 10.04	81.82 -22.26 61.50	116.78 -24.68 45.13	173.37 -35.94 51.22	119.84 -26.01 50.02	111.05 -23.14 39.91	100.74 -22.70 38.18	102.26 -21.88 31.51	122.01 -22.55 7.71	73.90 -24.41 94.74	129.29 -22.37 5.77	146.36 -24.24 4.74	108.60 -23.98 45.54	54.01 -21.91 103.71	119.19 -21.11 13.02	81.36 -20.85 68.09	83.15 -16.55 41.84	76.12 -14.73 31.97
NINE_MILE_1 23575	143.18 -6.59 0.00	137.35 -6.36 0.00	117.89 -5.51 0.00	108.88 -5.13 0.02	110.17 -5.23 3.78	104.49 -5.62 16.65	121.62 -6.21 13.34	118.33 -7.32 39.94	125.43 -8.17 52.99	156.92 -11.58 92.02	93.02 -8.57 94.29	153.62 -7.67 12.80	96.28 -7.13 58.20	92.85 -6.86 55.93	141.01 -6.80 4.46	184.79 -8.26 0.00	102.13 -6.97 48.34	167.72 -7.62 0.00	170.39 -7.72 0.00	171.97 -7.66 0.00	146.47 -6.84 0.00	162.83 -7.47 0.00	135.22 -6.31 0.00	117.18 -5.63 0.00
NINE_MILE_2 23744	143.18 -6.59 0.00	137.37 -6.34 0.00	117.90 -5.50 0.00	108.88 -5.13 0.02	110.15 -5.22 3.81	104.38 -5.60 16.78	121.57 -6.16 13.45	118.04 -7.30 40.24	125.02 -8.17 53.40	156.23 -11.57 92.73	92.30 -8.57 95.01	153.54 -7.66 12.90	95.84 -7.13 58.65	92.44 -6.85 56.36	140.98 -6.79 4.50	184.79 -8.26 0.00	101.77 -6.96 48.71	167.72 -7.62 0.00	170.40 -7.71 0.00	171.99 -7.64 0.00	146.50 -6.81 0.00	162.84 -7.45 0.00	135.24 -6.30 0.00	117.19 -5.62 0.00
NM_CAPITAL___DRP 24208	155.77 6.01 0.00	153.87 6.18 -3.98	128.80 5.40 0.00	148.30 5.20 -29.08	156.54 5.27 -32.11	306.25 5.03 -174.45	196.14 5.27 -49.70	207.57 5.69 -36.29	262.69 6.22 -69.88	279.01 9.53 -8.95	203.16 7.29 0.00	180.26 6.17 0.00	167.75 6.13 0.00	161.30 5.65 0.00	157.35 5.08 0.00	198.78 5.73 0.00	161.78 4.35 0.00	179.84 4.50 0.00	182.72 4.61 0.00	184.39 4.75 0.00	158.23 4.92 0.00	197.88 5.95 -21.63	192.86 5.70 -45.63	154.63 5.06 -26.76
NM_CENTRAL___DRP 24181	145.79 -3.98 0.00	139.82 -3.89 0.00	120.01 -3.39 0.00	110.91 -3.12 0.00	115.64 -3.10 0.43	121.55 -3.30 1.91	136.19 -3.46 1.53	156.92 -4.09 4.58	175.99 -4.54 6.08	243.36 -6.62 10.55	180.36 -4.71 10.81	168.35 -4.28 1.47	150.97 -3.99 6.67	145.47 -3.76 6.41	147.92 -3.84 0.51	188.71 -4.33 0.00	147.96 -3.93 5.54	171.10 -4.24 0.00	173.96 -4.15 0.00	175.61 -4.02 0.00	149.46 -3.85 0.00	166.02 -4.27 0.00	137.76 -3.78 0.00	119.27 -3.55 0.00

NM_FRONTIER___DRP 24179	134.80 -14.96 0.00	129.58 -14.13 0.00	110.91 -12.49 0.00	101.41 -12.61 0.00	105.63 -13.09 0.45	109.42 -15.36 1.99	120.25 -19.34 1.59	136.63 -24.20 4.76	153.73 -26.54 6.33	211.02 -38.52 10.98	157.05 -27.58 11.24	147.84 -24.73 1.53	130.23 -24.45 6.94	125.08 -23.90 6.67	127.33 -24.40 0.53	166.86 -26.18 0.00	126.96 -24.71 5.76	148.68 -26.66 0.00	151.86 -26.26 0.00	156.03 -23.60 0.00	130.43 -22.88 0.00	147.71 -22.58 0.00	123.71 -17.83 0.00	107.05 -15.76 0.00
NM_ST_REGIS___HYD 24053	153.20 3.43 0.00	147.46 3.75 0.00	126.32 2.91 0.00	116.27 2.25 0.00	121.08 1.91 0.00	129.34 2.58 0.00	143.48 2.30 0.00	169.40 3.82 0.00	190.96 4.36 0.00	266.26 5.73 0.00	199.25 3.38 0.00	177.18 3.09 0.00	163.89 2.28 0.00	157.80 2.15 0.00	154.51 2.24 0.00	196.56 3.51 0.00	160.63 3.19 0.00	178.90 3.56 0.00	182.01 3.89 0.00	183.03 3.40 0.00	154.50 1.19 0.00	171.25 0.95 0.00	142.70 1.17 0.00	124.78 1.97 0.00
NORTHPORT___1 23551	124.82 1.34 26.29	126.53 1.18 18.37	125.28 1.99 0.12	122.69 3.68 -5.00	127.19 2.60 -5.43	126.91 0.30 0.16	136.26 0.95 5.87	164.25 -0.01 1.33	183.13 -0.19 3.27	263.28 1.90 -0.86	193.28 2.48 5.07	176.03 2.24 0.30	163.27 3.00 1.34	157.40 3.04 1.29	155.82 3.65 0.10	194.69 1.65 0.01	160.46 3.79 0.77	177.55 3.59 1.38	182.04 3.93 0.00	183.14 3.51 0.00	157.22 3.91 0.00	175.90 1.90 -3.71	151.48 2.12 -7.82	129.81 2.41 -4.59
NORTHPORT___2 23552	124.82 1.34 26.29	126.53 1.18 18.37	125.28 1.99 0.12	122.69 3.68 -5.00	127.19 2.60 -5.43	126.91 0.30 0.16	136.26 0.95 5.87	164.25 -0.01 1.33	182.62 -0.19 3.79	257.30 1.90 5.13	193.28 2.48 5.07	176.03 2.24 0.30	163.27 3.00 1.34	157.40 3.04 1.29	155.82 3.65 0.10	194.69 1.65 0.01	159.04 3.79 2.18	177.55 3.59 1.38	182.04 3.93 0.00	183.14 3.51 0.00	157.22 3.91 0.00	175.90 1.90 -3.71	151.48 2.12 -7.82	129.81 2.41 -4.59
NORTHPORT___3 23553	124.75 1.23 26.25	126.44 1.07 18.34	125.17 1.88 0.12	122.62 3.60 -5.00	127.07 2.48 -5.43	126.84 0.17 0.10	136.13 0.80 5.84	164.10 -0.18 1.32	185.58 -0.38 0.64	256.70 1.59 5.42	194.07 2.29 4.09	175.83 2.03 0.30	163.10 2.83 1.34	157.23 2.87 1.29	155.65 3.49 0.10	194.49 1.45 0.01	159.22 3.57 1.78	177.32 3.40 1.42	181.59 3.69 0.21	182.85 3.22 0.00	157.01 3.76 0.06	175.70 1.70 -3.71	150.05 1.96 -6.56	129.33 2.26 -4.27
NORTHPORT___4 23650	124.75 1.23 26.25	126.44 1.07 18.34	125.17 1.88 0.12	122.62 3.60 -5.00	127.07 2.48 -5.43	126.84 0.17 0.10	136.13 0.80 5.84	164.10 -0.18 1.32	185.58 -0.38 0.64	256.70 1.59 5.42	194.07 2.29 4.09	175.83 2.03 0.30	163.10 2.83 1.34	157.23 2.87 1.29	155.65 3.49 0.10	194.49 1.45 0.01	159.22 3.57 1.78	177.32 3.40 1.42	181.59 3.69 0.21	182.85 3.22 0.00	157.01 3.76 0.06	175.70 1.70 -3.71	150.05 1.96 -6.56	129.33 2.26 -4.27
NORTHPORT___IC 23718	124.96 1.48 26.29	126.64 1.30 18.37	125.25 1.96 0.12	122.79 3.77 -5.00	127.22 2.63 -5.43	127.14 0.53 0.16	136.33 1.03 5.87	164.35 0.09 1.33	182.69 -0.12 3.79	257.39 1.99 5.13	193.36 2.56 5.07	176.16 2.37 0.30	163.49 3.21 1.34	157.51 3.15 1.29	155.85 3.69 0.10	194.78 1.74 0.01	159.09 3.84 2.18	177.61 3.65 1.38	182.13 4.02 0.00	183.15 3.52 0.00	157.33 4.02 0.00	175.96 1.95 -3.71	151.56 2.20 -7.82	129.82 2.42 -4.59
NORTH___COUNTRY_ESR 323785	150.66 0.89 0.00	144.27 0.55 0.00	123.82 0.42 0.00	114.01 -0.02 0.00	118.96 -0.21 0.00	127.86 1.09 0.00	142.37 1.19 0.00	167.54 1.96 0.00	189.09 2.49 0.00	264.18 3.66 0.00	198.29 2.42 0.00	176.18 2.09 0.00	162.82 1.20 0.00	156.82 1.18 0.00	153.27 1.00 0.00	195.37 2.33 0.00	159.45 2.02 0.00	177.54 2.20 0.00	181.04 2.93 0.00	182.28 2.65 0.00	154.97 1.66 0.00	172.13 1.83 0.00	142.32 0.79 0.00	123.43 0.62 0.00
NPX_GEN_1385_PROXY 323591	127.42 3.96 26.29	151.71 4.45 -3.54	152.35 4.76 -24.19	152.88 6.22 -32.64	164.35 5.26 -39.92	185.19 3.13 -55.28	212.76 4.08 -67.50	429.87 3.62 -260.66	186.76 3.56 3.39	276.00 7.57 -7.90	196.74 5.94 5.07	179.67 5.88 0.30	166.25 5.97 1.34	160.37 6.02 1.29	167.22 6.99 -7.96	215.31 5.90 -16.37	174.65 7.17 -10.05	180.71 6.74 1.38	216.11 7.85 -30.14	238.83 7.46 -51.74	160.54 7.23 0.00	182.32 4.78 -7.24	184.64 5.28 -37.83	151.79 5.11 -23.86
NPX_GEN_CSC 323557	128.43 4.63 25.97	129.72 4.14 18.13	127.69 4.41 0.12	124.75 5.74 -5.00	129.50 4.91 -5.43	130.19 3.21 -0.21	140.15 4.66 5.69	168.65 4.32 1.26	198.02 5.13 -6.29	356.78 11.09 -85.16	212.25 9.25 -7.13	180.48 6.68 0.30	168.54 8.27 1.34	162.57 8.21 1.29	161.12 8.95 0.10	200.39 7.35 0.01	167.11 8.79 -0.88	183.84 8.02 -0.49	196.77 10.11 -8.56	189.81 10.18 0.00	165.03 9.29 -2.42	184.91 7.38 -7.24	207.03 6.57 -58.94	146.84 6.43 -17.58
NSINS_S_GLNS_FALLS 23858	162.31 12.54 0.00	163.37 12.34 -7.31	134.05 10.64 0.00	177.35 9.90 -53.42	188.60 10.44 -58.98	458.59 11.31 -320.50	245.47 13.00 -91.30	247.97 15.72 -66.66	335.44 18.07 -130.78	302.11 24.42 -17.16	213.29 17.42 0.00	188.79 14.70 0.00	175.55 13.93 0.00	168.81 13.16 0.00	166.06 13.79 0.00	210.53 17.49 0.00	171.74 14.30 0.00	191.77 16.43 0.00	194.78 16.67 0.00	197.01 17.38 0.00	168.01 14.70 0.00	226.58 16.53 -39.75	238.46 13.08 -83.84	182.84 10.85 -49.17
NUCOR_STEEL___DRP 24197	147.93 -1.84 0.00	141.65 -2.06 0.00	121.69 -1.72 0.00	111.97 -2.05 0.00	116.96 -1.92 0.28	123.51 -2.00 1.26	138.33 -1.84 1.01	160.21 -2.35 3.02	180.67 -1.92 4.01	250.58 -2.99 6.96	186.68 -2.06 7.13	171.28 -1.84 0.97	155.44 -1.78 4.40	149.74 -1.67 4.23	149.48 -2.45 0.34	191.18 -1.86 0.00	152.14 -1.64 3.66	173.95 -1.39 0.00	176.17 -1.94 0.00	178.63 -1.00 0.00	151.93 -1.38 0.00	168.73 -1.57 0.00	139.94 -1.60 0.00	121.09 -1.73 0.00
NUMBER_THREE_WT_PWR 323818	151.50 1.73 0.00	146.13 2.42 0.00	123.94 0.53 0.00	113.48 -0.54 0.00	120.65 1.56 0.08	129.18 2.75 0.34	144.52 3.62 0.27	170.10 5.34 0.82	191.85 6.34 1.09	267.48 8.86 1.90	200.04 6.11 1.95	177.80 3.98 0.26	164.32 3.90 1.20	158.49 4.00 1.16	157.16 4.98 0.09	200.77 7.73 0.00	161.83 5.39 1.00	181.76 6.42 0.00	184.83 6.72 0.00	184.44 4.81 0.00	152.96 -0.35 0.00	168.54 -1.75 0.00	139.75 -1.78 0.00	121.42 -1.40 0.00
NYISO_LBMP_REFERENCE 24008	149.77 0.00 0.00	143.71 0.00 0.00	123.41 0.00 0.00	114.02 0.00 0.00	119.17 0.00 0.00	126.77 0.00 0.00	141.18 0.00 0.00	165.59 0.00 0.00	186.60 0.00 0.00	260.53 0.00 0.00	195.87 0.00 0.00	174.09 0.00 0.00	161.62 0.00 0.00	155.64 0.00 0.00	152.27 0.00 0.00	193.05 0.00 0.00	157.43 0.00 0.00	175.34 0.00 0.00	178.11 0.00 0.00	179.63 0.00 0.00	153.31 0.00 0.00	170.30 0.00 0.00	141.54 0.00 0.00	122.82 0.00 0.00
NYPA_BRENTWD____GT 24164	127.88 3.36 25.24	129.17 3.06 17.60	127.11 3.82 0.11	124.13 5.11 -5.00	128.82 4.23 -5.43	129.82 2.01 -1.04	139.13 3.26 5.30	167.29 2.79 1.09	195.70 3.62 -5.48	275.30 6.80 -7.97	201.28 6.28 0.87	179.44 5.65 0.30	166.50 6.22 1.34	160.44 6.08 1.29	158.72 6.55 0.10	198.46 5.42 0.01	163.76 7.09 0.77	181.51 7.32 1.15	186.55 7.64 -0.79	186.94 7.31 0.00	160.54 7.00 -0.22	179.17 5.16 -3.71	158.92 4.83 -12.55	133.04 4.44 -5.79

NYPA_GOWANUS____GT5 24156	155.74	150.01	128.56	124.21	129.51	160.92	154.88	177.77	204.62	271.11	203.59	183.05	169.51	163.19	161.21	201.83	164.35	184.62	186.60	187.52	161.54	181.48	156.61	133.85
	5.98	5.61	5.16	5.19	4.91	4.58	5.48	6.87	7.35	11.19	9.88	9.25	9.23	8.83	9.04	8.78	8.03	9.28	8.48	7.89	8.23	7.47	7.26	6.45
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA_GOWANUS____GT6 24157	155.74	150.01	128.56	124.21	129.51	160.92	154.88	177.77	204.62	271.11	203.59	183.05	169.51	163.19	161.21	201.83	164.35	184.62	186.60	187.52	161.54	181.48	156.61	133.85
	5.98	5.61	5.16	5.19	4.91	4.58	5.48	6.87	7.35	11.19	9.88	9.25	9.23	8.83	9.04	8.78	8.03	9.28	8.48	7.89	8.23	7.47	7.26	6.45
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA_HARLEM__RVR__GT1 24160	155.96	150.50	128.71	124.31	129.69	161.21	154.97	177.82	204.62	270.95	203.13	182.37	168.72	162.35	160.58	201.31	164.18	184.38	185.85	186.77	160.95	180.62	155.82	133.49
	6.20	6.10	5.30	5.30	5.09	4.86	5.57	6.92	7.35	11.03	9.43	8.57	8.44	7.99	8.41	8.27	7.86	9.04	7.74	7.14	7.64	6.62	6.46	6.09
	0.00	-0.68	0.00	-4.99	-5.43	-29.58	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA_HARLEM__RVR__GT2 24161	155.96	150.50	128.71	124.31	129.69	161.21	154.97	177.82	204.62	270.95	203.13	182.37	168.72	162.35	160.58	201.31	164.18	184.38	185.85	186.77	160.95	180.62	155.82	133.49
	6.20	6.10	5.30	5.30	5.09	4.86	5.57	6.92	7.35	11.03	9.43	8.57	8.44	7.99	8.41	8.27	7.86	9.04	7.74	7.14	7.64	6.62	6.46	6.09
	0.00	-0.68	0.00	-4.99	-5.43	-29.58	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA_KENT____GT 24152	155.95	150.19	128.61	124.28	129.62	161.09	155.04	177.94	204.76	271.28	203.54	182.92	169.36	163.13	161.13	201.91	164.47	184.65	186.63	187.54	161.51	181.50	156.41	133.70
	6.18	5.80	5.21	5.26	5.03	4.75	5.64	7.04	7.48	11.36	9.83	9.12	9.08	8.77	8.96	8.86	8.15	9.31	8.51	7.91	8.20	7.49	7.05	6.30
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA_POUCH1____GT 24155	155.24	149.60	128.50	124.16	129.44	160.52	154.53	177.59	204.58	270.85	180.19	153.28	137.32	146.89	149.22	187.14	163.86	184.45	186.44	187.40	161.71	176.65	156.24	133.72
	5.48	5.20	5.10	5.14	4.84	4.19	5.14	6.69	7.31	10.93	9.35	8.70	8.70	8.36	8.55	8.23	7.92	9.11	8.34	7.77	8.40	7.21	6.88	6.32
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.22	-5.32	-10.68	0.61	25.02	29.51	32.99	17.12	11.60	14.14	1.49	0.00	0.01	0.00	0.00	0.86	-7.82	-4.59
NYPA_VERNON____GT2 24162	156.12	150.35	128.69	124.36	129.72	161.24	155.18	178.07	204.90	271.51	203.54	182.82	169.21	163.00	161.02	201.91	164.58	184.63	186.61	187.49	161.42	181.42	156.24	133.59
	6.35	5.95	5.29	5.35	5.12	4.90	5.78	7.17	7.62	11.59	9.83	9.02	8.92	8.64	8.85	8.86	8.25	9.29	8.50	7.86	8.10	7.42	6.89	6.19
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA_VERNON____GT3 24163	156.12	150.35	128.69	124.36	129.72	161.24	155.18	178.07	204.90	271.51	203.54	182.82	169.21	163.00	161.02	201.91	164.58	184.63	186.61	187.49	161.42	181.42	156.24	133.59
	6.35	5.95	5.29	5.35	5.12	4.90	5.78	7.17	7.62	11.59	9.83	9.02	8.92	8.64	8.85	8.86	8.25	9.29	8.50	7.86	8.10	7.42	6.89	6.19
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA____ASTORIA_CC1 323568	155.86	150.16	128.49	124.19	129.55	161.01	154.94	177.74	204.52	270.85	203.09	182.47	168.90	162.70	160.71	201.49	164.30	184.34	186.26	187.09	161.14	181.13	155.99	133.42
	6.10	5.76	5.09	5.17	4.95	4.67	5.54	6.84	7.25	10.93	9.38	8.67	8.61	8.34	8.55	8.45	7.98	9.00	8.14	7.46	7.82	7.13	6.63	6.02
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA____ASTORIA_CC2 323569	155.86	150.16	128.49	124.19	129.55	161.01	154.94	177.74	204.52	270.85	203.09	182.47	168.90	162.70	160.71	201.49	164.30	184.34	186.26	187.09	161.14	181.13	155.99	133.42
	6.10	5.76	5.09	5.17	4.95	4.67	5.54	6.84	7.25	10.93	9.38	8.67	8.61	8.34	8.55	8.45	7.98	9.00	8.14	7.46	7.82	7.13	6.63	6.02
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA____HOLTSVILL 23794	126.89	128.31	126.54	123.66	128.29	128.71	138.31	166.49	195.47	351.54	208.21	178.18	165.45	159.69	158.12	197.12	164.34	181.51	193.23	185.86	161.81	178.33	204.78	144.74
	3.14	2.76	3.26	4.64	3.70	1.79	2.86	2.17	2.52	5.74	5.18	4.39	5.17	5.33	5.96	4.08	6.01	5.69	6.56	6.23	6.07	4.33	4.27	4.33
	26.02	18.17	0.12	-5.00	-5.43	-0.16	5.72	1.27	-6.36	-85.27	-7.16	0.30	1.34	1.29	0.10	0.01	-0.89	-0.49	-8.56	0.00	-2.43	-3.71	-58.97	-17.59
NYPA____HELLGATE_GT1 24158	155.96	150.50	128.71	124.31	129.69	161.21	154.97	177.82	204.62	270.95	203.13	182.37	168.72	162.35	160.58	201.31	164.18	184.38	185.85	186.77	160.95	180.62	155.82	133.49
	6.20	6.10	5.30	5.30	5.09	4.86	5.57	6.92	7.35	11.03	9.43	8.57	8.44	7.99	8.41	8.27	7.86	9.04	7.74	7.14	7.64	6.62	6.46	6.09
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYPA____HELLGATE_GT2 24159	155.96	150.50	128.71	124.31	129.69	161.21	154.97	177.82	204.62	270.95	203.13	182.37	168.72	162.35	160.58	201.31	164.18	184.38	185.85	186.77	160.95	180.62	155.82	133.49
	6.20	6.10	5.30	5.30	5.09	4.86	5.57	6.92	7.35	11.03	9.43	8.57	8.44	7.99	8.41	8.27	7.86	9.04	7.74	7.14	7.64	6.62	6.46	6.09
	0.00	-0.68	0.00	-4.99	-5.43	-29.57	-8.23	-5.32	-10.68	0.61	2.16	0.30	1.34	1.29	0.10	0.00	1.11	0.00	0.00	0.00	0.00	-3.71	-7.82	-4.59
NYS_BARGE____HYD 23848	122.10	130.49	111.75	101.31	92.44	59.20	113.41	87.50	121.41	179.03	123.88	114.11	103.16	104.11	122.51	81.43	129.46	181.43	131.42	63.67	120.38	87.27	87.09	78.86
	-14.20	-13.22	-11.66	-11.90	-12.33	-14.21	-18.38	-22.19	-24.41	-35.62	-25.82	-23.08	-22.74	-21.99	-22.61	-24.25	-22.23	-23.86	-23.54	-21.47	-20.92	-20.25	-15.87	-14.49
	13.46	0.00	0.00	0.81	14.40	53.36	9.38	55.90	40.77	45.88	46.18	36.90	35.71	29.54	7.15	87.36	5.74	-29.95	23.15	94.49	12.01	62.78	38.57	29.47
OAK ORCHARD____HYD 24046	134.06	136.07	116.74	106.94	103.92	87.58	125.86	119.87	148.00	210.71	151.14	140.42	126.56	124.78	136.38	130.62	140.76	166.03	145.15	114.64	136.01	123.91	110.73	97.90
	-7.94	-7.64	-6.66	-6.61	-6.75	-7.56	-9.24	-10.91	-12.12	-18.08	-13.04	-11.70	-11.51	-10.99	-11.53	-11.95	-10.93	-11.41	-11.45	-10.38	-10.43	-10.44	-8.72	-8.05
	7.77	0.00	0.00	0.47	8.50	31.63	6.08	34.80	26.47	31.74	31.69	21.97	23.55	19.87	4.35	50.48	5.74	-2.09	21.52	54.61	6.87	35.95	22.08	16.86

OAKDALE___35_KV_LOAD 356122	147.73 -2.04 0.00	141.87 -2.17 -0.32	121.49 -1.91 0.00	114.55 -1.85 -2.37	119.90 -1.50 -2.23	137.45 -1.84 -12.53	142.20 -1.66 -2.68	162.02 -2.40 1.16	184.13 -2.74 -0.27	247.59 -4.17 8.76	183.40 -2.74 9.74	170.37 -2.41 1.32	153.55 -2.06 6.01	147.79 -2.08 5.78	149.60 -2.21 0.46	190.97 -2.07 0.00	150.13 -2.31 4.99	173.03 -2.31 0.00	176.12 -1.99 0.00	177.81 -1.82 0.00	151.29 -2.02 0.00	169.96 -2.07 -1.73	143.24 -1.95 -3.65	122.96 -2.00 -2.14
OCC_CHEM___DRP 24175	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
OH_GEN_PROXY 24063	120.14 -14.14 15.48	130.42 -13.29 0.00	111.71 -11.69 0.00	101.27 -11.82 0.93	90.43 -12.24 16.49	51.54 -14.16 61.08	112.77 -17.83 10.56	78.68 -21.71 65.20	114.96 -24.08 47.56	171.52 -35.14 53.87	117.84 -25.46 52.57	109.09 -22.65 42.35	99.28 -22.15 40.19	101.19 -21.35 33.11	122.14 -21.96 8.17	68.52 -23.77 100.76	129.84 -21.80 5.78	141.10 -23.64 10.60	103.35 -23.38 51.38	47.98 -21.37 110.29	118.95 -20.55 13.82	81.23 -20.32 68.74	80.87 -16.27 44.39	74.40 -14.52 33.90
OLIN_CORP_DRP 24177	134.77 -14.99 0.00	129.59 -14.12 0.00	110.94 -12.47 0.00	101.38 -12.64 0.00	105.66 -13.06 0.45	109.43 -15.35 1.98	119.80 -19.79 1.59	136.74 -24.47 4.38	153.75 -26.97 5.87	211.18 -39.09 10.26	156.38 -28.53 10.96	146.93 -25.64 1.52	129.70 -25.00 6.92	125.04 -23.95 6.65	127.42 -24.32 0.53	166.05 -27.00 0.00	127.35 -24.33 5.74	159.71 -26.11 -10.47	157.70 -26.18 -5.76	155.76 -24.24 -0.37	130.65 -22.67 0.00	147.97 -22.34 -0.01	124.25 -17.29 0.00	107.31 -15.51 0.00
OLIN_CORP_DSASP 323712	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
ONEIDA_HERK_LFGE 323681	153.02 3.26 0.00	147.17 3.46 0.00	125.75 2.35 0.00	115.89 1.87 0.00	121.93 2.86 0.11	129.97 3.68 0.47	145.44 4.65 0.38	170.44 6.00 1.14	192.12 7.04 1.51	267.45 9.55 2.63	200.21 7.03 2.69	179.18 5.46 0.36	165.02 5.07 1.66	159.12 5.07 1.60	157.54 5.39 0.13	200.64 7.59 0.00	161.74 5.69 1.38	181.89 6.55 0.00	184.82 6.71 0.00	185.51 5.88 0.00	156.32 3.01 0.00	173.06 2.77 0.00	143.47 1.94 0.00	124.34 1.52 0.00
ONEIDA___115KV_TB4 55905	152.96 3.20 0.00	147.01 3.29 0.00	126.24 2.84 0.00	116.80 2.78 0.00	122.30 3.37 0.24	129.75 4.03 1.04	145.40 5.06 0.83	169.37 6.28 2.50	190.53 7.25 3.32	264.37 9.61 5.76	197.28 7.31 5.91	179.46 6.16 0.80	163.42 5.45 3.65	157.55 5.40 3.50	157.38 5.39 0.28	200.46 7.42 0.00	159.99 5.58 3.03	181.68 6.34 0.00	184.49 6.37 0.00	185.53 5.90 0.00	157.46 4.15 0.00	174.66 4.36 0.00	144.79 3.25 0.00	125.24 2.42 0.00
ONONDAGA_REF_OCCRA 23987	146.83 -2.93 0.00	140.91 -2.80 0.00	120.96 -2.45 0.00	112.00 -2.02 0.00	116.65 -2.08 0.44	122.57 -2.26 1.94	137.38 -2.25 1.55	158.14 -2.81 4.64	177.40 -3.04 6.16	245.28 -4.55 10.69	181.60 -3.32 10.95	169.63 -2.98 1.49	152.15 -2.70 6.76	146.66 -2.49 6.50	148.97 -2.78 0.52	190.21 -2.84 0.00	149.13 -2.69 5.61	172.50 -2.84 0.00	175.48 -2.64 0.00	177.04 -2.59 0.00	150.77 -2.55 0.00	167.52 -2.78 0.00	138.89 -2.65 0.00	120.29 -2.53 0.00
ONONDAGA___COGEN 23986	146.75 -3.02 0.00	140.67 -3.04 0.00	120.74 -2.66 0.00	111.56 -2.46 0.00	116.50 -2.42 0.25	123.11 -2.56 1.09	137.76 -2.54 0.88	159.86 -3.10 2.63	179.76 -3.35 3.49	249.49 -4.98 6.06	186.11 -3.56 6.20	170.04 -3.21 0.84	154.83 -2.96 3.83	149.15 -2.82 3.68	149.02 -2.95 0.29	189.85 -3.19 0.00	151.40 -2.86 3.18	172.44 -2.90 0.00	175.18 -2.93 0.00	176.91 -2.72 0.00	150.56 -2.75 0.00	167.25 -3.05 0.00	138.75 -2.79 0.00	120.10 -2.72 0.00
ONTARIO___LFGE 23819	141.01 -4.09 4.66	139.67 -4.05 0.00	119.83 -3.57 0.00	110.14 -3.60 0.28	110.50 -3.47 5.21	103.62 -3.70 19.45	132.95 -4.19 4.04	138.60 -4.87 22.11	163.84 -5.25 17.51	230.53 -8.14 21.85	168.29 -5.78 21.79	155.30 -5.24 13.55	140.56 -5.24 15.81	136.99 -5.11 13.54	143.99 -5.54 2.74	157.62 -5.14 30.29	147.75 -4.84 4.84	169.49 -4.79 1.06	158.94 -4.73 14.44	142.14 -4.02 33.47	144.48 -4.62 4.20	143.52 -4.79 21.98	123.72 -4.31 13.50	108.27 -4.23 10.31
ORANGEVILLE_WT_PWR 323706	130.24 -12.05 7.47	132.27 -11.44 0.00	113.46 -9.94 0.00	103.54 -10.04 0.45	101.65 -9.34 8.18	85.51 -10.81 30.44	122.10 -13.20 5.88	115.58 -16.34 33.66	143.67 -18.11 24.82	204.31 -26.19 30.02	146.74 -18.58 30.55	135.86 -17.22 21.01	122.29 -16.68 22.65	119.70 -16.82 19.13	130.80 -17.30 4.17	126.76 -18.07 48.21	134.82 -17.00 5.62	155.61 -18.03 1.70	137.77 -17.25 23.10	110.68 -15.43 53.53	130.30 -16.29 6.72	118.82 -16.32 35.15	106.88 -13.06 21.59	94.27 -12.06 16.49
ORANGEVILLE___ESR 323794	130.24 -12.05 7.47	132.27 -11.44 0.00	113.46 -9.94 0.00	103.54 -10.04 0.45	101.65 -9.34 8.18	85.51 -10.81 30.44	122.10 -13.20 5.88	115.58 -16.34 33.66	143.67 -18.11 24.82	204.31 -26.19 30.02	146.74 -18.58 30.55	135.86 -17.22 21.01	122.29 -16.68 22.65	119.70 -16.82 19.13	130.80 -17.30 4.17	126.76 -18.07 48.21	134.82 -17.00 5.62	155.61 -18.03 1.70	137.77 -17.25 23.10	110.68 -15.43 53.53	130.30 -16.29 6.72	118.82 -16.32 35.15	106.88 -13.06 21.59	94.27 -12.06 16.49
OSWEGATCHIE___HYD 24044	151.70 1.94 0.00	146.15 2.44 0.00	124.52 1.12 0.00	114.35 0.32 0.00	120.32 1.15 0.00	128.61 1.84 0.00	143.10 1.93 0.00	169.01 3.43 0.00	190.58 3.99 0.00	265.83 5.30 0.00	199.13 3.26 0.00	176.36 2.26 0.00	163.57 1.95 0.00	157.63 1.99 0.00	154.87 2.60 0.00	197.26 4.22 0.00	160.13 2.70 0.00	178.59 3.25 0.00	181.55 3.43 0.00	181.84 2.21 0.00	152.06 -1.26 0.00	168.02 -2.28 0.00	140.31 -1.23 0.00	122.46 -0.36 0.00
OSWEGO___5 23606	144.28 -5.49 0.00	138.38 -5.33 0.00	118.78 -4.63 0.00	109.70 -4.33 0.00	115.94 -4.38 -1.16	127.20 -4.67 -5.10	140.10 -5.16 -4.09	171.72 -6.09 -12.23	196.03 -6.79 -16.22	279.06 -9.64 -28.17	217.60 -7.13 -28.86	171.60 -6.41 -3.92	173.49 -5.95 -17.82	167.06 -5.71 -17.12	147.96 -5.67 -1.37	186.24 -6.80 0.00	166.46 -5.77 -14.80	169.07 -6.26 0.00	171.75 -6.36 0.00	173.39 -6.24 0.00	147.65 -5.67 0.00	164.05 -6.25 0.00	136.28 -5.26 0.00	118.06 -4.76 0.00
OSWEGO___6 23613	144.28 -5.49 0.00	138.38 -5.33 0.00	118.78 -4.63 0.00	109.70 -4.33 0.00	115.94 -4.38 -1.16	127.20 -4.67 -5.10	140.10 -5.16 -4.09	171.72 -6.09 -12.23	196.03 -6.79 -16.22	279.06 -9.64 -28.17	217.60 -7.13 -28.86	171.60 -6.41 -3.92	173.49 -5.95 -17.82	167.06 -5.71 -17.12	147.96 -5.67 -1.37	186.24 -6.80 0.00	166.46 -5.77 -14.80	169.07 -6.26 0.00	171.75 -6.36 0.00	173.39 -6.24 0.00	147.65 -5.67 0.00	164.05 -6.25 0.00	136.28 -5.26 0.00	118.06 -4.76 0.00

OUTOKUMPU-AB___DRP 24206	137.00 -12.77 0.00	131.93 -11.78 0.00	112.89 -10.51 0.00	103.08 -10.94 0.00	107.55 -11.17 0.45	111.67 -13.12 1.98	122.86 -16.73 1.58	140.60 -20.62 4.37	158.37 -22.37 5.85	217.86 -32.45 10.23	161.53 -23.40 10.94	151.48 -21.10 1.52	133.76 -20.95 6.91	128.72 -20.29 6.64	130.96 -20.78 0.53	171.07 -21.98 0.00	130.91 -20.79 5.74	163.94 -22.16 -10.76	162.18 -21.85 -5.92	160.47 -19.54 -0.38	134.10 -19.21 0.00	151.20 -19.11 -0.02	126.49 -15.05 0.00	109.27 -13.54 0.00
OXBOW___BTM 323836	120.35 -14.51 14.90	130.22 -13.49 0.00	111.48 -11.92 0.00	100.93 -12.20 0.90	90.66 -12.62 15.89	53.41 -14.51 58.85	112.45 -18.50 10.22	80.60 -22.51 62.47	116.11 -24.64 45.85	172.88 -35.85 51.79	119.48 -25.70 50.68	110.54 -22.88 40.67	100.16 -22.67 38.79	101.48 -22.17 32.00	121.53 -22.89 7.86	72.25 -24.10 96.69	128.81 -22.87 5.75	152.27 -24.72 -1.65	111.01 -24.13 42.98	52.27 -21.56 105.80	118.54 -21.47 13.31	79.77 -20.94 69.59	82.19 -16.60 42.75	75.23 -14.94 32.65
OXBOW___ 24026	135.36 -14.40 0.00	130.25 -13.46 0.00	111.48 -11.92 0.00	101.82 -12.21 0.00	106.11 -12.60 0.45	110.10 -14.69 1.98	121.03 -18.56 1.59	138.06 -22.95 4.58	155.43 -25.06 6.10	213.64 -36.26 10.63	158.64 -26.13 11.10	149.09 -23.48 1.52	131.53 -23.16 6.92	126.48 -22.51 6.66	128.75 -22.99 0.53	168.36 -24.69 0.00	128.47 -23.21 5.75	155.44 -24.90 -5.01	156.28 -24.58 -2.75	157.67 -22.14 -0.18	131.82 -21.50 0.00	148.89 -21.42 -0.01	124.60 -16.94 0.00	107.74 -15.07 0.00
OXY_CHEM_DSASP 323612	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
OZONE_PARK_ESR 323760	157.86 8.10 0.00	151.90 7.51 -0.68	129.96 6.56 0.00	125.55 6.53 -4.99	130.99 6.39 -5.43	162.76 6.42 -29.57	156.91 7.51 -8.23	180.31 9.41 -5.32	207.44 10.16 -10.68	274.95 15.02 0.61	206.04 12.34 2.16	184.86 11.06 0.30	170.94 10.66 1.34	164.71 10.35 1.29	162.64 10.47 0.10	204.20 11.15 0.00	166.36 10.04 1.11	186.71 11.37 0.00	189.01 10.89 0.00	190.00 10.37 0.00	163.26 9.94 0.00	183.83 9.82 -3.71	157.80 8.44 -7.82	134.78 7.38 -4.59
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	134.91 -14.85 0.00	129.73 -13.99 0.00	111.03 -12.38 0.00	101.50 -12.52 0.00	105.72 -13.00 0.45	109.54 -15.25 1.99	120.38 -19.21 1.59	136.81 -24.02 4.76	153.96 -26.32 6.32	211.31 -38.24 10.98	157.25 -27.38 11.24	147.98 -24.58 1.53	130.42 -24.26 6.94	125.28 -23.70 6.67	127.56 -24.18 0.53	167.07 -25.97 0.00	127.21 -24.46 5.76	148.97 -26.37 0.00	152.09 -26.02 0.00	156.21 -23.42 0.00	130.63 -22.69 0.00	147.90 -22.40 0.00	123.83 -17.71 0.00	107.14 -15.67 0.00
PACKARD__115KV_DUPONT_184 80571	120.02 -14.96 14.78	129.69 -14.02 0.00	111.07 -12.33 0.00	100.62 -12.51 0.89	90.40 -13.00 15.77	53.29 -15.08 58.40	111.90 -19.12 10.15	79.88 -23.51 62.19	115.04 -25.92 45.64	171.10 -37.72 51.70	118.42 -26.94 50.51	109.72 -23.98 40.39	99.28 -23.77 38.57	100.48 -23.34 31.82	120.35 -24.11 7.80	71.63 -25.44 95.97	127.54 -24.13 5.76	145.87 -26.14 3.33	107.28 -25.49 45.34	51.76 -22.79 105.09	117.47 -22.64 13.20	79.34 -21.94 69.02	81.82 -17.32 42.39	74.94 -15.51 32.37
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	155.53 5.77 0.00	149.90 5.50 -0.68	128.26 4.85 0.00	123.93 4.92 -4.99	129.26 4.67 -5.43	160.76 4.42 -29.57	154.60 5.19 -8.23	177.58 6.68 -5.32	204.36 7.08 -10.68	270.53 10.60 0.61	202.94 9.24 2.16	182.19 8.39 0.30	168.59 8.30 1.34	162.22 7.86 1.29	160.29 8.12 0.10	201.09 8.05 0.00	163.88 7.56 1.11	184.15 8.81 0.00	185.78 7.67 0.00	186.67 7.04 0.00	160.72 7.41 0.00	180.54 6.54 -3.71	155.69 6.33 -7.82	133.20 5.79 -4.59
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	158.74 8.97 0.00	153.00 8.61 -0.68	130.81 7.40 0.00	126.25 7.24 -4.99	131.81 7.21 -5.43	163.52 7.18 -29.57	157.73 8.33 -8.23	181.35 10.45 -5.32	208.42 11.14 -10.68	276.10 16.18 0.61	207.31 13.61 2.16	185.83 12.03 0.30	171.83 11.55 1.34	165.35 10.99 1.29	163.43 11.26 0.10	205.29 12.24 0.00	167.34 11.01 1.11	188.07 12.73 0.00	189.77 11.66 0.00	190.55 10.92 0.00	163.87 10.55 0.00	184.02 10.02 -3.71	158.41 9.06 -7.82	135.57 8.17 -4.59
PATROON__115KV_TB1 80586	156.34 6.57 0.00	154.36 6.71 -3.94	129.30 5.89 0.00	148.50 5.64 -28.84	156.76 5.75 -31.84	305.31 5.53 -173.01	196.29 5.83 -49.29	207.87 6.30 -35.98	262.62 6.80 -69.22	279.93 10.55 -8.85	204.02 8.15 0.00	181.00 6.91 0.00	168.42 6.80 0.00	161.89 6.24 0.00	157.80 5.53 0.00	199.39 6.34 0.00	162.21 4.78 0.00	180.41 5.07 0.00	183.29 5.17 0.00	184.89 5.26 0.00	158.71 5.39 0.00	198.18 6.43 -21.45	193.06 6.27 -45.25	154.92 5.57 -26.54
PATTRSNVILLE___SOLAR 323815	154.88 5.12 0.00	156.32 4.90 -7.71	127.65 4.25 0.00	174.36 4.00 -56.34	185.55 4.25 -62.13	469.08 4.63 -337.68	242.59 5.40 -96.02	241.65 6.57 -69.50	331.08 6.98 -137.50	285.99 9.03 -16.43	200.13 6.16 1.91	178.58 4.74 0.26	164.95 4.51 1.18	158.58 4.06 1.13	156.61 4.43 0.09	200.00 6.96 0.00	162.67 6.21 0.98	182.32 6.98 0.00	185.02 6.91 0.00	186.59 6.95 0.00	159.40 6.09 0.00	218.83 6.62 -41.92	235.25 5.30 -88.42	179.06 4.39 -51.86
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	141.89 -7.88 0.00	136.56 -7.15 0.00	116.99 -6.41 0.00	106.80 -7.22 0.00	111.73 -6.99 0.44	116.28 -8.53 1.96	128.51 -11.10 1.57	147.51 -13.48 4.59	166.59 -13.89 6.11	228.98 -20.91 10.64	169.88 -14.97 11.02	158.99 -13.60 1.51	141.24 -13.53 6.85	135.82 -13.24 6.58	137.78 -13.96 0.53	179.63 -13.41 0.00	137.90 -13.84 5.69	163.75 -14.74 -3.15	165.54 -14.30 -1.73	167.75 -11.99 -0.11	140.37 -12.94 0.00	157.97 -12.33 0.00	131.96 -9.58 0.00	113.71 -9.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	157.64 7.87 0.00	151.71 7.31 -0.70	129.94 6.54 0.00	125.60 6.47 -5.10	131.12 6.41 -5.54	163.39 6.41 -30.21	157.02 7.43 -8.41	180.16 9.12 -5.45	207.53 9.99 -10.94	274.41 14.44 0.56	205.23 11.51 2.15	184.06 10.26 0.29	170.22 9.92 1.33	164.06 9.69 1.28	161.89 9.73 0.10	203.46 10.42 0.00	165.66 9.33 1.10	186.01 10.67 0.00	188.67 10.56 0.00	189.89 10.26 0.00	162.97 9.66 0.00	183.72 9.63 -3.79	157.53 8.01 -7.99	134.39 6.89 -4.69
PEEKSKILL___ 23653	154.92 5.15 0.00	149.08 4.69 -0.68	127.67 4.26 0.00	123.42 4.45 -4.94	128.72 4.18 -5.37	159.98 3.95 -29.27	153.91 4.59 -8.14	176.46 5.63 -5.24	203.14 5.99 -10.55	269.08 9.18 0.63	201.41 7.72 2.18	180.73 6.94 0.30	167.09 6.81 1.34	161.06 6.70 1.29	158.95 6.78 0.10	199.61 6.56 0.00	162.58 6.26 1.12	182.51 7.17 0.00	184.94 6.83 0.00	186.08 6.45 0.00	159.91 6.60 0.00	180.13 6.16 -3.67	154.72 5.45 -7.74	132.15 4.80 -4.54
PGE MADISON___WINDPWR 24146	155.60 5.84 0.00	147.63 3.46 -0.46	127.45 4.05 0.00	121.95 4.57 -3.36	129.48 6.96 -3.35	154.11 8.75 -18.59	157.40 11.73 -4.49	180.29 14.26 -0.44	205.95 16.17 -3.18	273.73 20.79 7.59	201.73 14.73 8.87	186.06 13.17 1.20	168.76 12.61 5.47	162.66 12.27 5.26	163.31 11.46 0.42	206.52 13.48 0.00	164.73 11.84 4.55	190.68 15.34 0.00	193.86 15.75 0.00	195.43 15.80 0.00	167.04 13.73 0.00	187.86 15.10 -2.47	158.19 11.46 -5.20	134.55 8.68 -3.05

PIERCEFIELD___HYD 23852	152.45 2.69 0.00	146.91 3.20 0.00	125.78 2.38 0.00	115.78 1.76 0.00	120.64 1.47 0.00	128.49 1.72 0.00	142.18 1.01 0.00	168.05 2.47 0.00	189.40 2.80 0.00	263.97 3.44 0.00	197.44 1.57 0.00	175.54 1.45 0.00	162.54 0.92 0.00	156.50 0.85 0.00	153.36 1.09 0.00	194.81 1.77 0.00	159.13 1.69 0.00	177.23 1.89 0.00	180.18 2.07 0.00	181.08 1.46 0.00	152.65 -0.66 0.00	169.18 -1.12 0.00	141.35 -0.19 0.00	123.99 1.18 0.00
PINELAWN_CC_1 323563	130.92 3.90 22.74	131.37 3.45 15.79	127.14 3.83 0.10	123.97 4.95 -5.00	128.74 4.15 -5.43	133.06 2.41 -3.87	140.68 3.47 3.96	168.08 3.16 0.67	195.05 3.56 -4.89	270.56 6.99 -3.04	200.69 6.51 1.69	179.54 5.75 0.30	166.50 6.22 1.34	160.47 6.11 1.29	158.82 6.65 0.10	198.70 5.66 0.01	163.48 7.04 0.99	181.48 7.26 1.11	186.12 7.66 -0.35	186.79 7.16 0.00	160.42 7.00 -0.10	179.38 5.37 -3.71	156.29 4.82 -9.93	132.42 4.48 -5.12
PJM_GEN_HTP_PROXY 323702	156.09 6.33 0.00	150.13 5.74 -0.68	128.46 5.06 0.00	124.19 5.17 -4.99	132.79 4.96 -8.66	164.02 4.86 -32.40	159.63 5.69 -12.76	177.98 7.08 -5.31	204.71 7.43 -10.68	271.25 11.33 0.61	203.19 9.48 2.16	182.33 8.53 0.30	168.64 8.35 1.34	162.52 8.16 1.29	160.46 8.30 0.10	201.36 8.31 0.00	164.10 7.78 1.11	181.32 8.81 2.83	186.33 8.22 0.00	187.29 7.66 0.00	160.15 7.71 0.87	181.28 7.27 -3.71	155.78 6.42 -7.82	131.53 5.70 -3.01
PJM_GEN_KEystone 24065	131.29 -3.42 15.05	140.85 -3.29 -0.43	120.60 -2.81 0.00	113.56 -2.72 -2.26	109.11 -2.86 7.21	77.78 -3.85 45.14	137.02 -4.43 -0.28	92.94 -6.57 66.08	137.48 -7.33 41.80	197.51 -10.58 52.44	112.63 -7.39 75.85	119.14 -6.46 48.49	112.23 -6.09 43.30	115.15 -5.77 34.73	135.89 -5.93 10.45	71.70 -6.77 114.58	147.82 -6.21 3.40	159.76 -6.68 8.89	117.89 -6.64 53.58	66.69 -5.13 107.81	134.17 -4.74 14.40	96.49 -5.12 68.69	99.04 -3.99 38.51	87.35 -3.61 31.86
PJM_GEN_NEPTUNE_PROXY 323594	125.03 3.31 28.04	127.08 3.00 19.64	126.60 3.32 0.13	123.28 4.27 -5.00	131.30 3.47 -8.66	129.50 2.05 -0.69	141.73 2.83 2.28	166.33 2.35 1.60	192.51 2.34 -3.57	265.04 5.11 0.61	198.86 5.15 2.16	178.38 4.58 0.30	165.46 5.19 1.34	159.44 5.09 1.29	157.68 5.52 0.10	197.36 4.32 0.01	161.98 5.66 1.11	176.94 5.90 4.29	184.06 5.95 0.00	185.15 5.52 0.00	158.23 5.79 0.87	178.28 4.28 -3.71	153.32 3.96 -7.82	129.62 3.79 -3.01
PJM_GEN_VFT_PROXY 323633	155.30 5.54 0.00	149.36 4.97 -0.68	127.96 4.55 0.00	123.76 4.75 -4.99	132.32 4.49 -8.66	163.49 4.32 -32.40	158.90 4.96 -12.76	177.00 6.11 -5.32	203.57 6.29 -10.68	269.59 9.67 0.61	179.17 8.32 25.02	152.05 7.47 29.51	136.01 7.39 32.99	145.73 7.20 17.11	148.08 7.40 11.59	186.03 7.11 14.12	163.05 6.77 1.16	180.31 7.80 2.83	185.23 7.12 0.00	186.19 6.56 0.00	159.21 6.76 0.87	175.60 6.16 0.86	154.95 5.59 -7.82	130.90 5.07 -3.01
PLATSBURG_115KV_PMLD1 355749	152.85 3.08 0.00	146.56 2.85 0.00	125.75 2.35 0.00	115.88 1.86 0.00	120.61 1.44 0.00	129.27 2.51 0.00	143.96 2.78 0.00	169.32 3.74 0.00	191.23 4.63 0.00	266.43 5.90 0.00	199.82 3.95 0.00	177.52 3.42 0.00	164.12 2.50 0.00	158.37 2.72 0.00	154.83 2.56 0.00	196.87 3.82 0.00	160.15 2.71 0.00	178.01 2.67 0.00	181.99 3.88 0.00	183.42 3.79 0.00	156.00 2.69 0.00	173.77 3.47 0.00	143.72 2.18 0.00	124.58 1.76 0.00
PLEASANTVLY___LBMP 24000	154.93 5.17 0.00	149.23 4.80 -0.72	127.76 4.36 0.00	123.76 4.47 -5.27	129.15 4.25 -5.73	161.99 3.99 -31.23	154.33 4.45 -8.71	176.75 5.48 -5.68	203.87 5.90 -11.37	269.01 8.95 0.46	201.16 7.39 2.11	180.44 6.63 0.29	166.92 6.60 1.30	160.78 6.38 1.25	158.58 6.41 0.10	199.20 6.15 0.00	162.09 5.74 1.08	181.80 6.47 0.00	184.34 6.22 0.00	185.67 6.04 0.00	159.58 6.27 0.00	180.25 6.04 -3.91	155.01 5.23 -8.25	132.27 4.62 -4.84
PLSNTVLE_13_KV_13.8KVDIST 80602	155.74 5.98 0.00	149.96 5.56 -0.69	128.38 4.97 0.00	124.14 5.09 -5.03	129.52 4.89 -5.46	161.24 4.70 -29.77	154.83 5.37 -8.28	177.59 6.64 -5.36	204.53 7.17 -10.76	270.65 10.71 0.59	202.61 8.90 2.16	181.87 8.07 0.29	168.18 7.89 1.33	162.19 7.82 1.28	159.99 7.82 0.10	200.84 7.79 0.00	163.53 7.20 1.11	183.46 8.12 0.00	186.03 7.91 0.00	187.14 7.51 0.00	160.76 7.44 0.00	181.20 7.17 -3.73	155.56 6.15 -7.87	132.84 5.41 -4.62
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	155.74 5.98 0.00	149.96 5.56 -0.69	128.38 4.97 0.00	124.14 5.09 -5.03	129.52 4.89 -5.46	161.24 4.70 -29.77	154.83 5.37 -8.28	177.59 6.64 -5.36	204.53 7.17 -10.76	270.65 10.71 0.59	202.61 8.90 2.16	181.87 8.07 0.29	168.18 7.89 1.33	162.19 7.82 1.28	159.99 7.82 0.10	200.84 7.79 0.00	163.53 7.20 1.11	183.46 8.12 0.00	186.03 7.91 0.00	187.14 7.51 0.00	160.76 7.44 0.00	181.20 7.17 -3.73	155.56 6.15 -7.87	132.84 5.41 -4.62
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	157.08 7.31 0.00	151.18 6.77 -0.71	129.46 6.05 0.00	125.21 6.02 -5.17	130.72 5.93 -5.62	163.26 5.87 -30.62	156.44 6.73 -8.53	179.42 8.30 -5.54	206.74 9.04 -11.09	273.14 13.16 0.54	204.24 10.51 2.15	183.12 9.31 0.29	169.30 9.01 1.32	163.12 8.74 1.27	160.96 8.79 0.10	202.36 9.31 0.00	164.64 8.30 1.10	184.84 9.51 0.00	187.53 9.42 0.00	188.86 9.23 0.00	162.18 8.86 0.00	183.00 8.87 -3.84	157.02 7.38 -8.10	133.90 6.34 -4.75
POLETTI____ 23519	155.87 6.10 0.00	149.96 5.57 -0.68	128.33 4.92 0.00	123.98 4.97 -4.99	129.32 4.72 -5.43	160.96 4.62 -29.57	154.75 5.34 -8.23	177.65 6.75 -5.32	204.46 7.18 -10.68	270.79 10.87 0.61	202.89 9.19 2.16	182.07 8.27 0.30	168.45 8.17 1.34	162.30 7.94 1.29	160.26 8.09 0.10	201.08 8.03 0.00	163.87 7.55 1.11	183.79 8.46 0.00	186.04 7.93 0.00	186.97 7.34 0.00	160.69 7.38 0.00	180.97 6.97 -3.71	155.57 6.21 -7.82	133.05 5.64 -4.59
POMONA___ESR 323819	154.43 4.66 0.00	148.59 4.22 -0.66	127.27 3.86 0.00	122.91 4.06 -4.82	128.19 3.78 -5.24	158.85 3.54 -28.55	153.43 4.27 -7.98	175.94 5.23 -5.12	202.47 5.55 -10.32	268.42 8.58 0.68	200.87 7.20 2.20	180.34 6.54 0.30	166.69 6.43 1.36	160.66 6.32 1.31	158.53 6.36 0.10	199.16 6.12 0.00	162.22 5.92 1.13	182.13 6.79 0.00	184.54 6.42 0.00	185.64 6.01 0.00	159.56 6.24 0.00	179.58 5.68 -3.60	154.21 5.08 -7.60	131.74 4.47 -4.46
PORT_JEFF_3 23555	127.39 3.60 25.98	128.76 3.19 18.14	126.88 3.60 0.12	124.00 4.98 -5.00	128.59 4.00 -5.43	128.96 1.99 -0.20	138.69 3.21 5.70	166.81 2.48 1.26	195.93 3.05 -6.29	353.41 6.38 -86.50	208.47 5.35 -7.26	178.08 4.28 0.30	165.18 4.90 1.34	159.43 5.08 1.29	157.95 5.79 0.10	196.77 3.73 0.01	164.11 5.77 -0.91	181.19 5.33 -0.52	193.15 6.35 -8.69	185.67 6.04 0.00	161.39 5.61 -2.46	178.08 4.08 -3.71	205.29 4.01 -59.74	144.70 4.09 -17.79
PORT_JEFF_4 23616	127.39 3.60 25.98	128.76 3.19 18.14	126.88 3.60 0.12	124.00 4.98 -5.00	128.59 4.00 -5.43	128.96 1.99 -0.20	138.69 3.21 5.70	166.81 2.48 1.26	195.93 3.05 -6.29	353.41 6.38 -86.50	208.47 5.35 -7.26	178.08 4.28 0.30	165.18 4.90 1.34	159.43 5.08 1.29	157.95 5.79 0.10	196.77 3.73 0.01	164.11 5.77 -0.91	181.19 5.33 -0.52	193.15 6.35 -8.69	185.67 6.04 0.00	161.39 5.61 -2.46	178.08 4.08 -3.71	205.29 4.01 -59.74	144.70 4.09 -17.79

PORT_JEFF_IC 23713	127.93 4.02 25.85	129.22 3.55 18.04	127.09 3.80 0.12	124.29 5.27 -5.00	128.85 4.26 -5.43	129.58 2.47 -0.35	139.12 3.58 5.63	166.82 2.46 1.23	196.19 3.49 -6.11	358.75 7.24 -90.99	209.13 5.62 -7.64	178.67 4.87 0.30	165.99 5.71 1.34	160.09 5.73 1.29	158.54 6.37 0.10	197.66 4.61 0.01	164.84 6.44 -0.97	181.75 5.79 -0.62	194.43 7.16 -9.16	186.45 6.82 0.00	161.73 5.82 -2.60	178.81 4.80 -3.71	208.66 4.59 -62.54	145.87 4.55 -18.50
PPL PILGRIM_ST_GT1 24216	127.88 3.36 25.24	129.17 3.06 17.60	127.11 3.82 0.11	124.13 5.11 -5.00	128.82 4.23 -5.43	129.82 2.01 -1.04	139.13 3.26 5.30	167.29 2.79 1.09	195.70 3.62 -5.48	275.30 6.80 -7.97	201.28 6.28 0.87	179.44 5.65 0.30	166.50 6.22 1.34	160.44 6.08 1.29	158.72 6.55 0.10	198.46 5.42 0.01	163.76 7.09 0.77	181.51 7.32 1.15	186.55 7.64 -0.79	186.94 7.31 0.00	160.54 7.00 -0.22	179.17 5.16 -3.71	158.92 4.83 -12.55	133.04 4.44 -5.79
PPL PILGRIM_ST_GT2 24217	127.88 3.36 25.24	129.17 3.06 17.60	127.11 3.82 0.11	124.13 5.11 -5.00	128.82 4.23 -5.43	129.82 2.01 -1.04	139.13 3.26 5.30	167.29 2.79 1.09	195.70 3.62 -5.48	275.30 6.80 -7.97	201.28 6.28 0.87	179.44 5.65 0.30	166.50 6.22 1.34	160.44 6.08 1.29	158.72 6.55 0.10	198.46 5.42 0.01	163.76 7.09 0.77	181.51 7.32 1.15	186.55 7.64 -0.79	186.94 7.31 0.00	160.54 7.00 -0.22	179.17 5.16 -3.71	158.92 4.83 -12.55	133.04 4.44 -5.79
PPL_SHRM_GT3 24213	128.48 4.63 25.91	129.80 4.18 18.09	127.68 4.40 0.12	124.77 5.76 -5.00	129.51 4.91 -5.43	130.25 3.21 -0.28	140.18 4.67 5.66	168.73 4.39 1.24	197.92 5.10 -6.23	357.28 10.88 -85.87	212.23 9.19 -7.17	180.40 6.61 0.30	168.37 8.09 1.34	162.43 8.07 1.29	160.97 8.80 0.10	200.22 7.18 0.01	166.99 8.67 -0.88	183.85 8.01 -0.51	196.70 9.95 -8.63	189.65 10.01 0.00	165.04 9.28 -2.45	181.32 7.32 -3.71	207.47 6.54 -59.39	146.88 6.36 -17.70
PPL_SHRM_GT4 24214	128.48 4.63 25.91	129.80 4.18 18.09	127.68 4.40 0.12	124.77 5.76 -5.00	129.51 4.91 -5.43	130.25 3.21 -0.28	140.18 4.67 5.66	168.73 4.39 1.24	197.92 5.10 -6.23	357.28 10.88 -85.87	212.23 9.19 -7.17	180.40 6.61 0.30	168.37 8.09 1.34	162.43 8.07 1.29	160.97 8.80 0.10	200.22 7.18 0.01	166.99 8.67 -0.88	183.85 8.01 -0.51	196.70 9.95 -8.63	189.65 10.01 0.00	165.04 9.28 -2.45	181.32 7.32 -3.71	207.47 6.54 -59.39	146.88 6.36 -17.70
PROJECT___ORANGE 1 24174	145.83 -3.93 0.00	139.82 -3.89 0.00	120.01 -3.39 0.00	110.92 -3.11 0.00	115.67 -3.04 0.46	121.45 -3.30 2.01	136.13 -3.44 1.61	156.70 -4.07 4.83	175.67 -4.52 6.40	242.83 -6.58 11.12	179.79 -4.69 11.39	168.32 -4.22 1.55	150.65 -3.94 7.03	145.14 -3.75 6.76	147.91 -3.82 0.54	188.71 -4.33 0.00	147.68 -3.91 5.84	171.15 -4.19 0.00	174.01 -4.10 0.00	175.61 -4.02 0.00	149.50 -3.82 0.00	166.08 -4.22 0.00	137.81 -3.73 0.00	119.33 -3.48 0.00
PROJECT___ORANGE 2 24166	145.83 -3.93 0.00	139.82 -3.89 0.00	120.01 -3.39 0.00	110.92 -3.11 0.00	115.67 -3.04 0.46	121.45 -3.30 2.01	136.13 -3.44 1.61	156.70 -4.07 4.83	175.67 -4.52 6.40	242.83 -6.58 11.12	179.79 -4.69 11.39	168.32 -4.22 1.55	150.65 -3.94 7.03	145.14 -3.75 6.76	147.91 -3.82 0.54	188.71 -4.33 0.00	147.68 -3.91 5.84	171.15 -4.19 0.00	174.01 -4.10 0.00	175.61 -4.02 0.00	149.50 -3.82 0.00	166.08 -4.22 0.00	137.81 -3.73 0.00	119.33 -3.48 0.00
PUCKETT___SOLAR 323809	156.77 -0.15 -7.16	143.35 -0.75 -0.39	122.85 -0.55 0.00	116.88 -0.44 -3.29	129.62 0.25 -10.21	170.25 0.62 -42.86	150.15 1.26 -7.72	194.04 1.00 -27.45	208.41 1.31 -20.50	273.08 1.27 -11.28	206.65 1.10 -9.68	193.06 1.37 -17.59	172.93 1.71 -9.59	163.85 1.53 -6.68	156.53 1.17 -3.09	241.44 1.86 -46.54	153.92 1.26 4.77	179.01 2.12 -1.55	201.66 2.44 -21.11	231.19 2.64 -48.92	161.33 1.87 -6.14	206.73 2.21 -34.22	167.00 1.31 -24.16	141.10 0.62 -17.66
PYRITES___HYD 24023	155.18 5.42 0.00	149.52 5.81 0.00	128.10 4.69 0.00	117.93 3.90 0.00	122.84 3.68 0.00	130.95 4.19 0.00	145.08 3.90 0.00	171.68 6.10 0.00	193.50 6.90 0.00	269.21 8.68 0.00	201.15 5.28 0.00	178.66 4.57 0.00	165.43 3.81 0.00	159.29 3.64 0.00	156.14 3.87 0.00	198.80 5.76 0.00	162.70 5.27 0.00	181.33 6.00 0.00	184.31 6.19 0.00	185.34 5.70 0.00	156.34 3.03 0.00	173.26 2.96 0.00	144.43 2.90 0.00	126.49 3.68 0.00
QUAKERRD_115KV_BK1 80622	139.94 -9.82 0.00	134.16 -9.55 0.00	115.12 -8.29 0.00	106.00 -8.02 0.00	110.51 -8.21 0.44	115.70 -9.12 1.95	128.92 -10.69 1.56	148.15 -12.76 4.68	166.13 -14.26 6.21	229.00 -20.75 10.78	169.67 -15.16 11.05	159.00 -13.60 1.50	141.68 -13.12 6.82	136.56 -12.53 6.55	139.00 -12.75 0.52	178.78 -14.26 0.00	139.22 -12.55 5.66	162.04 -13.30 0.00	164.63 -13.49 0.00	166.94 -12.68 0.00	141.44 -11.87 0.00	157.76 -12.54 0.00	131.01 -10.52 0.00	113.33 -9.48 0.00
QUENSBRY_115KV_TB8 356137	163.33 13.57 0.00	164.43 13.39 -7.33	134.93 11.53 0.00	178.31 10.69 -53.59	189.62 11.28 -59.17	460.65 12.37 -321.52	247.02 14.25 -91.59	249.79 17.33 -66.87	337.86 20.05 -131.21	304.73 26.98 -17.22	214.97 19.10 0.00	190.26 16.17 0.00	176.97 15.35 0.00	170.23 14.59 0.00	167.53 15.26 0.00	212.44 19.40 0.00	173.23 15.80 0.00	193.71 18.37 0.00	196.77 18.65 0.00	199.08 19.45 0.00	169.68 16.36 0.00	228.59 18.43 -39.87	240.04 14.40 -84.10	184.01 11.87 -49.32
RAMAPO___LBMP 323565	153.98 4.22 0.00	148.19 3.82 -0.65	126.98 3.58 0.00	122.58 3.78 -4.78	127.81 3.45 -5.19	158.27 3.21 -28.30	152.78 3.75 -7.86	175.27 4.65 -5.03	201.61 4.87 -10.15	267.35 7.54 0.72	200.15 6.50 2.22	179.70 5.90 0.30	166.04 5.79 1.37	160.03 5.70 1.31	157.91 5.74 0.10	198.37 5.32 0.00	161.61 5.31 1.14	181.40 6.06 0.00	183.81 5.70 0.00	185.03 5.40 0.00	158.88 5.57 0.00	178.89 5.04 -3.55	153.57 4.55 -7.49	131.26 4.05 -4.39
RANKINE____ 23646	139.79 -9.97 0.00	134.56 -9.15 0.00	115.17 -8.23 0.00	105.20 -8.82 0.00	109.95 -8.77 0.45	114.23 -10.57 1.97	126.16 -13.44 1.58	144.40 -16.56 4.63	162.65 -17.79 6.16	223.58 -26.24 10.70	165.92 -18.89 11.07	155.42 -17.17 1.51	137.78 -16.97 6.87	132.60 -16.44 6.60	134.77 -16.97 0.53	175.65 -17.40 0.00	134.88 -16.85 5.70	160.01 -17.85 -2.53	161.82 -17.69 -1.39	164.30 -15.42 -0.09	137.62 -15.69 0.00	154.78 -15.52 0.00	129.34 -12.19 0.00	111.63 -11.18 0.00
RAVENSWOOD_GT2_1 24244	156.02 6.25 0.00	150.17 5.77 -0.68	128.56 5.16 0.00	124.29 5.27 -4.99	129.63 5.03 -5.43	161.27 4.93 -29.57	155.10 5.70 -8.23	178.04 7.14 -5.32	204.86 7.58 -10.68	271.37 11.45 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.59 8.43 0.10	201.52 8.48 0.00	164.23 7.90 1.11	184.23 8.89 0.00	186.48 8.37 0.00	187.45 7.82 0.00	161.10 7.78 0.00	181.43 7.42 -3.71	155.97 6.61 -7.82	133.28 5.88 -4.59
RAVENSWOOD_GT2_2 24245	156.02 6.25 0.00	150.17 5.77 -0.68	128.56 5.16 0.00	124.29 5.27 -4.99	129.63 5.03 -5.43	161.27 4.93 -29.57	155.10 5.70 -8.23	178.04 7.14 -5.32	204.86 7.58 -10.68	271.37 11.45 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.59 8.43 0.10	201.52 8.48 0.00	164.23 7.90 1.11	184.23 8.89 0.00	186.48 8.37 0.00	187.45 7.82 0.00	161.10 7.78 0.00	181.43 7.42 -3.71	155.97 6.61 -7.82	133.28 5.88 -4.59

RAVENSWOOD_GT2_3 24246	156.14 6.37 0.00	150.21 5.82 -0.68	128.61 5.21 0.00	124.33 5.31 -4.99	129.68 5.08 -5.43	161.32 4.98 -29.57	155.16 5.76 -8.23	178.09 7.19 -5.32	204.97 7.69 -10.68	271.51 11.59 0.61	203.47 9.76 2.16	182.59 8.79 0.30	168.92 8.64 1.34	162.75 8.38 1.29	160.67 8.51 0.10	201.67 8.63 0.00	164.31 7.99 1.11	184.32 8.98 0.00	186.59 8.47 0.00	187.52 7.89 0.00	161.22 7.91 0.00	181.51 7.51 -3.71	156.02 6.67 -7.82	133.34 5.93 -4.59
RAVENSWOOD_GT2_4 24247	156.14 6.37 0.00	150.21 5.82 -0.68	128.61 5.21 0.00	124.33 5.31 -4.99	129.68 5.08 -5.43	161.32 4.98 -29.57	155.16 5.76 -8.23	178.09 7.19 -5.32	204.97 7.69 -10.68	271.51 11.59 0.61	203.47 9.76 2.16	182.59 8.79 0.30	168.92 8.64 1.34	162.75 8.38 1.29	160.67 8.51 0.10	201.67 8.63 0.00	164.31 7.99 1.11	184.32 8.98 0.00	186.59 8.47 0.00	187.52 7.89 0.00	161.22 7.91 0.00	181.51 7.51 -3.71	156.02 6.67 -7.82	133.34 5.93 -4.59
RAVENSWOOD_GT3_1 24248	156.02 6.25 0.00	150.17 5.77 -0.68	128.56 5.16 0.00	124.29 5.27 -4.99	129.63 5.03 -5.43	161.27 4.93 -29.57	155.10 5.70 -8.23	178.04 7.14 -5.32	204.86 7.58 -10.68	271.37 11.45 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.61 8.44 0.10	201.54 8.50 0.00	164.23 7.90 1.11	184.23 8.89 0.00	186.48 8.37 0.00	187.45 7.82 0.00	161.10 7.78 0.00	181.43 7.42 -3.71	155.97 6.61 -7.82	133.28 5.88 -4.59
RAVENSWOOD_GT3_2 24249	156.02 6.25 0.00	150.17 5.77 -0.68	128.56 5.16 0.00	124.29 5.27 -4.99	129.63 5.03 -5.43	161.27 4.93 -29.57	155.10 5.70 -8.23	178.04 7.14 -5.32	204.86 7.58 -10.68	271.37 11.45 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.61 8.44 0.10	201.54 8.50 0.00	164.23 7.90 1.11	184.23 8.89 0.00	186.48 8.37 0.00	187.45 7.82 0.00	161.10 7.78 0.00	181.43 7.42 -3.71	155.97 6.61 -7.82	133.28 5.88 -4.59
RAVENSWOOD_GT3_3 24250	156.29 6.52 0.00	150.38 5.99 -0.68	128.75 5.34 0.00	124.44 5.42 -4.99	129.79 5.20 -5.43	161.45 5.11 -29.57	155.32 5.92 -8.23	178.31 7.41 -5.32	205.20 7.93 -10.68	271.83 11.91 0.61	203.71 10.00 2.16	182.84 9.04 0.30	169.15 8.87 1.34	162.95 8.59 1.29	160.87 8.71 0.10	201.90 8.85 0.00	164.54 8.22 1.11	184.55 9.22 0.00	186.82 8.71 0.00	187.79 8.17 0.00	161.40 8.09 0.00	181.75 7.74 -3.71	156.21 6.85 -7.82	133.47 6.06 -4.59
RAVENSWOOD_GT3_4 24251	156.29 6.52 0.00	150.38 5.99 -0.68	128.75 5.34 0.00	124.44 5.42 -4.99	129.79 5.20 -5.43	161.45 5.11 -29.57	155.32 5.92 -8.23	178.31 7.41 -5.32	205.20 7.93 -10.68	271.83 11.91 0.61	203.71 10.00 2.16	182.84 9.04 0.30	169.15 8.87 1.34	162.95 8.59 1.29	160.87 8.71 0.10	201.90 8.85 0.00	164.54 8.22 1.11	184.55 9.22 0.00	186.82 8.71 0.00	187.79 8.17 0.00	161.40 8.09 0.00	181.75 7.74 -3.71	156.21 6.85 -7.82	133.47 6.06 -4.59
RAVENSWOOD_GT_1 23729	156.03 6.26 0.00	150.31 5.91 -0.68	128.71 5.30 0.00	124.38 5.36 -4.99	129.73 5.13 -5.43	161.28 4.94 -29.57	155.17 5.77 -8.23	178.13 7.23 -5.32	205.00 7.72 -10.68	271.53 11.61 0.61	203.61 9.90 2.16	182.90 9.10 0.30	169.32 9.04 1.34	163.09 8.73 1.29	161.03 8.87 0.10	201.95 8.91 0.00	164.63 8.30 1.11	184.68 9.34 0.00	186.67 8.56 0.00	187.57 7.94 0.00	161.41 8.10 0.00	181.50 7.49 -3.71	156.29 6.93 -7.82	133.62 6.21 -4.59
RAVENSWOOD_GT_10 24258	156.03 6.26 0.00	150.18 5.79 -0.68	128.57 5.17 0.00	124.30 5.28 -4.99	129.63 5.03 -5.43	161.29 4.95 -29.57	155.10 5.70 -8.23	178.05 7.15 -5.32	204.87 7.59 -10.68	271.39 11.47 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.59 8.43 0.10	201.56 8.52 0.00	164.24 7.92 1.11	184.22 8.88 0.00	186.48 8.37 0.00	187.47 7.84 0.00	161.12 7.81 0.00	181.46 7.45 -3.71	155.96 6.60 -7.82	133.27 5.87 -4.59
RAVENSWOOD_GT_11 24259	156.03 6.26 0.00	150.18 5.79 -0.68	128.57 5.17 0.00	124.30 5.28 -4.99	129.63 5.03 -5.43	161.29 4.95 -29.57	155.10 5.70 -8.23	178.05 7.15 -5.32	204.87 7.59 -10.68	271.39 11.47 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.59 8.43 0.10	201.56 8.52 0.00	164.24 7.92 1.11	184.22 8.88 0.00	186.48 8.37 0.00	187.47 7.84 0.00	161.12 7.81 0.00	181.46 7.45 -3.71	155.96 6.60 -7.82	133.27 5.87 -4.59
RAVENSWOOD_GT_4 24252	155.92 6.15 0.00	150.08 5.69 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.56 4.96 -5.43	161.18 4.84 -29.57	155.00 5.59 -8.23	177.94 7.04 -5.32	204.77 7.49 -10.68	271.25 11.33 0.61	203.29 9.58 2.16	182.52 8.72 0.30	168.86 8.58 1.34	162.71 8.35 1.29	160.62 8.45 0.10	201.54 8.49 0.00	164.23 7.91 1.11	184.24 8.90 0.00	186.44 8.32 0.00	187.33 7.70 0.00	161.10 7.78 0.00	181.37 7.36 -3.71	156.00 6.64 -7.82	133.34 5.94 -4.59
RAVENSWOOD_GT_5 24254	155.92 6.15 0.00	150.08 5.69 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.56 4.96 -5.43	161.18 4.84 -29.57	155.00 5.59 -8.23	177.94 7.04 -5.32	204.77 7.49 -10.68	271.25 11.33 0.61	203.29 9.58 2.16	182.52 8.72 0.30	168.86 8.58 1.34	162.71 8.35 1.29	160.62 8.45 0.10	201.54 8.49 0.00	164.23 7.91 1.11	184.24 8.90 0.00	186.44 8.32 0.00	187.33 7.70 0.00	161.10 7.78 0.00	181.37 7.36 -3.71	156.00 6.64 -7.82	133.34 5.94 -4.59
RAVENSWOOD_GT_6 24253	155.92 6.15 0.00	150.08 5.69 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.56 4.96 -5.43	161.18 4.84 -29.57	155.00 5.59 -8.23	177.94 7.04 -5.32	204.77 7.49 -10.68	271.25 11.33 0.61	203.29 9.58 2.16	182.52 8.72 0.30	168.86 8.58 1.34	162.71 8.35 1.29	160.62 8.45 0.10	201.54 8.49 0.00	164.23 7.91 1.11	184.24 8.90 0.00	186.44 8.32 0.00	187.33 7.70 0.00	161.10 7.78 0.00	181.37 7.36 -3.71	156.00 6.64 -7.82	133.34 5.94 -4.59
RAVENSWOOD_GT_7 24255	155.92 6.15 0.00	150.08 5.69 -0.68	128.50 5.10 0.00	124.21 5.19 -4.99	129.56 4.96 -5.43	161.18 4.84 -29.57	155.00 5.59 -8.23	177.94 7.04 -5.32	204.77 7.49 -10.68	271.25 11.33 0.61	203.29 9.58 2.16	182.52 8.72 0.30	168.86 8.58 1.34	162.71 8.35 1.29	160.62 8.45 0.10	201.54 8.49 0.00	164.23 7.91 1.11	184.24 8.90 0.00	186.44 8.32 0.00	187.33 7.70 0.00	161.10 7.78 0.00	181.37 7.36 -3.71	156.00 6.64 -7.82	133.34 5.94 -4.59
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	156.03 6.26 0.00	150.18 5.79 -0.68	128.57 5.17 0.00	124.30 5.28 -4.99	129.63 5.03 -5.43	161.29 4.95 -29.57	155.10 5.70 -8.23	178.05 7.15 -5.32	204.87 7.59 -10.68	271.39 11.47 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.59 8.43 0.10	201.56 8.52 0.00	164.24 7.92 1.11	184.22 8.88 0.00	186.48 8.37 0.00	187.47 7.84 0.00	161.12 7.81 0.00	181.46 7.45 -3.71	155.96 6.60 -7.82	133.27 5.87 -4.59
RAVENSWOOD_GT_9 24257	156.03 6.26 0.00	150.18 5.79 -0.68	128.57 5.17 0.00	124.30 5.28 -4.99	129.63 5.03 -5.43	161.29 4.95 -29.57	155.10 5.70 -8.23	178.05 7.15 -5.32	204.87 7.59 -10.68	271.39 11.47 0.61	203.35 9.65 2.16	182.52 8.72 0.30	168.84 8.56 1.34	162.68 8.32 1.29	160.59 8.43 0.10	201.56 8.52 0.00	164.24 7.92 1.11	184.22 8.88 0.00	186.48 8.37 0.00	187.47 7.84 0.00	161.12 7.81 0.00	181.46 7.45 -3.71	155.96 6.60 -7.82	133.27 5.87 -4.59

RAVENSWOOD___1 23533	155.83 6.06 0.00	150.06 5.67 -0.68	128.46 5.06 0.00	124.14 5.12 -4.99	129.51 4.91 -5.43	161.02 4.67 -29.57	154.91 5.51 -8.23	177.74 6.84 -5.32	204.61 7.34 -10.68	271.02 11.10 0.61	203.19 9.48 2.16	182.55 8.75 0.30	168.90 8.62 1.34	162.71 8.35 1.29	160.73 8.56 0.10	201.55 8.51 0.00	164.28 7.95 1.11	184.31 8.97 0.00	186.27 8.16 0.00	187.16 7.53 0.00	161.12 7.81 0.00	181.25 7.24 -3.71	156.10 6.74 -7.82	133.45 6.05 -4.59
RAVENSWOOD___2 23534	155.83 6.06 0.00	150.06 5.67 -0.68	128.46 5.06 0.00	124.14 5.12 -4.99	129.51 4.91 -5.43	161.02 4.67 -29.57	154.91 5.51 -8.23	177.71 6.81 -5.32	204.56 7.29 -10.68	271.02 11.10 0.61	203.20 9.49 2.16	182.44 8.64 0.30	168.91 8.63 1.34	162.71 8.35 1.29	160.73 8.56 0.10	201.55 8.51 0.00	164.17 7.84 1.11	184.19 8.86 0.00	186.08 7.97 0.00	186.93 7.29 0.00	160.95 7.63 0.00	180.92 6.92 -3.71	155.88 6.52 -7.82	133.34 5.94 -4.59
RAVENSWOOD___3 23535	156.08 6.31 0.00	150.19 5.80 -0.68	128.57 5.17 0.00	124.28 5.26 -4.99	129.63 5.03 -5.43	161.22 4.88 -29.57	155.10 5.70 -8.23	177.94 7.04 -5.32	204.83 7.56 -10.68	271.33 11.40 0.61	203.27 9.56 2.16	182.41 8.61 0.30	168.76 8.47 1.34	162.60 8.24 1.29	160.58 8.41 0.10	201.48 8.43 0.00	164.18 7.86 1.11	184.19 8.85 0.00	186.44 8.33 0.00	187.38 7.75 0.00	161.11 7.79 0.00	181.38 7.37 -3.71	155.92 6.57 -7.82	133.27 5.87 -4.59
RAVENSWOOD___4 23820	155.83 6.06 0.00	150.06 5.67 -0.68	128.46 5.06 0.00	124.14 5.12 -4.99	129.51 4.91 -5.43	161.02 4.67 -29.57	154.91 5.51 -8.23	177.74 6.84 -5.32	204.61 7.34 -10.68	271.02 11.10 0.61	203.19 9.48 2.16	182.55 8.75 0.30	168.90 8.62 1.34	162.71 8.35 1.29	160.73 8.56 0.10	201.55 8.51 0.00	164.28 7.95 1.11	184.31 8.97 0.00	186.27 8.16 0.00	187.16 7.53 0.00	161.12 7.81 0.00	181.25 7.24 -3.71	156.10 6.74 -7.82	133.45 6.05 -4.59
RCPL_TRUST___DRP 24196	156.27 6.50 0.00	150.31 5.91 -0.68	128.62 5.22 0.00	124.32 5.31 -4.99	129.68 5.08 -5.43	161.40 5.06 -29.57	155.31 5.91 -8.23	178.28 7.38 -5.31	205.11 7.83 -10.68	271.76 11.84 0.61	203.61 9.90 2.16	182.74 8.94 0.30	169.00 8.72 1.34	162.83 8.47 1.29	160.72 8.55 0.10	201.76 8.71 0.00	164.44 8.12 1.11	184.43 9.09 0.00	186.71 8.59 0.00	187.63 8.00 0.00	161.24 7.93 0.00	181.59 7.58 -3.71	156.00 6.65 -7.82	133.32 5.92 -4.59
RED___ROCHESTER 323720	134.92 -7.06 7.79	136.90 -6.81 0.00	117.46 -5.94 0.00	107.61 -5.94 0.47	104.65 -6.00 8.52	88.42 -6.65 31.70	126.98 -8.10 6.10	121.24 -9.43 34.91	149.59 -10.43 26.57	212.74 -15.91 31.87	152.55 -11.52 31.80	141.81 -10.26 22.02	127.85 -10.15 23.62	126.14 -9.58 19.93	137.78 -10.13 4.37	132.33 -10.11 50.60	142.23 -9.45 5.76	167.17 -9.68 -1.52	146.49 -9.75 21.87	116.24 -8.67 54.72	137.39 -9.03 6.89	125.44 -8.84 36.01	111.94 -7.47 22.12	98.88 -7.04 16.89
REGAN___SOLAR 323812	156.81 7.04 0.00	157.49 6.63 -7.15	129.00 5.60 0.00	171.48 5.16 -52.29	182.49 5.67 -57.64	446.70 6.62 -313.32	238.21 7.99 -89.05	239.88 9.98 -64.32	324.18 10.23 -127.36	288.01 12.66 -14.83	201.74 8.07 2.20	179.40 5.61 0.30	165.25 4.99 1.36	158.13 3.79 1.30	157.22 5.05 0.10	203.20 10.16 0.00	165.80 9.50 1.13	186.17 10.83 0.00	188.92 10.81 0.00	190.27 10.64 0.00	162.27 8.96 0.00	218.81 9.61 -38.90	231.08 7.49 -82.06	176.97 6.03 -48.13
RENSSELAER___COGEN 23796	155.06 5.29 0.00	152.63 5.51 -3.41	128.26 4.85 0.00	143.62 4.67 -24.93	151.41 4.72 -27.52	280.76 4.43 -149.56	188.36 4.58 -42.60	201.47 4.78 -31.11	251.11 5.14 -59.37	276.02 7.98 -7.51	202.06 6.19 0.00	179.30 5.21 0.00	166.88 5.26 0.00	160.40 4.76 0.00	156.40 4.13 0.00	197.51 4.46 0.00	160.64 3.21 0.00	178.79 3.45 0.00	181.65 3.54 0.00	183.26 3.63 0.00	157.40 4.09 0.00	193.81 4.97 -18.54	185.62 4.97 -39.12	150.25 4.49 -22.94
REPUBLIC_115KV_BARTNBRK 55605	170.77 21.01 0.00	172.22 21.21 -7.29	141.33 17.92 0.00	183.79 16.43 -53.34	195.23 17.17 -58.89	466.21 19.47 -319.98	254.99 22.67 -91.15	259.93 27.80 -66.55	349.62 32.47 -130.55	320.18 42.52 -17.13	225.01 29.14 0.00	199.23 25.14 0.00	185.51 23.89 0.00	178.54 22.89 0.00	176.68 24.41 0.00	223.65 30.61 0.00	183.11 25.68 0.00	206.27 30.94 0.00	209.62 31.51 0.00	212.71 33.08 0.00	180.73 27.42 0.00	241.37 31.40 -39.68	248.74 23.50 -83.70	190.71 18.81 -49.09
REVERE_CPPR_DRP 24186	154.73 4.97 0.00	148.74 5.03 0.00	127.44 4.04 0.00	117.80 3.77 0.00	123.53 4.55 0.19	131.41 5.50 0.86	147.28 6.79 0.69	172.06 8.53 2.06	193.80 9.93 2.73	269.15 13.37 4.75	201.12 10.12 4.87	181.92 8.49 0.66	166.26 7.64 3.00	160.37 7.61 2.89	159.70 7.66 0.23	203.42 10.38 0.00	162.96 8.02 2.50	184.46 9.12 0.00	187.33 9.22 0.00	188.33 8.71 0.00	159.26 5.94 0.00	176.56 6.26 0.00	146.15 4.62 0.00	126.39 3.57 0.00
REYNLDPA_13_KV_LD 356490	149.49 -0.28 0.00	143.16 -0.55 0.00	122.83 -0.57 0.00	113.58 -0.45 0.00	119.48 0.32 0.00	126.60 -0.17 0.00	140.60 -0.58 0.00	165.22 -0.36 0.00	186.11 -0.49 0.00	259.59 -0.94 0.00	194.76 -1.12 0.00	173.24 -0.85 0.00	160.54 -1.08 0.00	154.61 -1.03 0.00	151.36 -0.91 0.00	192.34 -0.71 0.00	157.12 -0.31 0.00	174.96 -0.38 0.00	177.86 -0.25 0.00	179.06 -0.57 0.00	152.46 -0.85 0.00	169.30 -0.99 0.00	140.71 -0.82 0.00	122.53 -0.29 0.00
REYNOLDS_115KV_TB3 80639	155.77 6.01 0.00	153.73 6.15 -3.86	128.82 5.42 0.00	147.48 5.21 -28.25	155.59 5.24 -31.19	301.27 5.03 -169.48	194.61 5.15 -48.28	206.60 5.76 -35.25	260.91 6.43 -67.89	278.83 9.60 -8.70	203.09 7.22 0.00	180.19 6.09 0.00	167.73 6.11 0.00	161.42 5.78 0.00	157.61 5.34 0.00	199.06 6.01 0.00	161.99 4.56 0.00	179.86 4.53 0.00	182.75 4.64 0.00	184.52 4.89 0.00	158.32 5.01 0.00	197.57 6.26 -21.01	191.47 5.61 -44.33	153.75 4.94 -26.00
RIVERBAY____ 323610	158.74 8.97 0.00	153.00 8.61 -0.68	130.81 7.40 0.00	126.25 7.24 -4.99	131.81 7.21 -5.43	163.52 7.18 -29.57	157.73 8.33 -8.23	181.35 10.45 -5.32	208.42 11.14 -10.68	276.10 16.18 0.61	207.31 13.61 2.16	185.83 12.03 0.30	171.83 11.55 1.34	165.35 10.99 1.29	163.43 11.26 0.10	205.29 12.24 0.00	167.34 11.01 1.11	188.07 12.73 0.00	189.77 11.66 0.00	190.55 10.92 0.00	163.87 10.55 0.00	184.02 10.02 -3.71	158.41 9.06 -7.82	135.57 8.17 -4.59
RIVERSDE_115KV_TB3 55908	155.77 6.01 0.00	153.87 6.18 -3.98	128.80 5.40 0.00	148.30 5.20 -29.08	156.54 5.27 -32.11	306.25 5.03 -174.45	196.14 5.27 -49.70	207.57 5.69 -36.29	262.69 6.22 -69.88	279.01 9.53 -8.95	203.16 7.29 0.00	180.26 6.17 0.00	167.75 6.13 0.00	161.30 5.65 0.00	157.35 5.08 0.00	198.78 5.73 0.00	161.78 4.35 0.00	179.84 4.50 0.00	182.72 4.61 0.00	184.39 4.75 0.00	158.23 4.92 0.00	197.88 5.95 -21.63	192.86 5.70 -45.63	154.63 5.06 -26.76
ROARING___BROOK_WT_PWR 323790	148.66 -1.11 0.00	142.96 -0.75 0.00	122.23 -1.18 0.00	112.57 -1.46 0.00	118.41 -0.76 0.00	126.44 -0.32 0.00	140.61 -0.56 0.00	165.16 -0.43 0.00	186.39 -0.21 0.00	260.26 -0.27 0.00	194.90 -0.97 0.00	172.69 -1.41 0.00	160.53 -1.09 0.00	155.23 -0.42 0.00	152.06 -0.21 0.00	193.33 0.28 0.00	157.53 0.09 0.00	175.04 -0.30 0.00	177.29 -0.83 0.00	177.60 -2.03 0.00	151.07 -2.24 0.00	168.11 -2.19 0.00	139.55 -1.98 0.00	121.45 -1.37 0.00

ROCHESRG_115KV_T4 355643	141.27 -8.50 0.00	135.49 -8.23 0.00	116.22 -7.18 0.00	106.92 -7.10 0.00	111.46 -7.25 0.45	116.49 -8.28 2.00	129.54 -10.03 1.60	148.77 -12.09 4.72	166.83 -13.49 6.28	229.77 -19.84 10.91	170.13 -14.46 11.28	159.61 -12.95 1.54	141.95 -12.67 6.99	136.85 -12.08 6.72	139.31 -12.42 0.54	179.67 -13.37 0.00	139.54 -12.08 5.81	164.98 -12.63 -2.27	166.57 -12.79 -1.25	167.88 -11.83 -0.08	141.99 -11.32 0.00	158.69 -11.61 0.00	131.92 -9.62 0.00	114.13 -8.69 0.00
ROCHESTER_9_IC 23652	142.23 -7.54 0.00	136.41 -7.30 0.00	117.00 -6.40 0.00	107.63 -6.39 0.00	112.25 -6.47 0.45	117.44 -7.35 1.98	130.75 -8.84 1.59	150.34 -10.60 4.64	168.65 -11.76 6.18	232.26 -17.52 10.75	171.96 -12.76 11.15	161.10 -11.47 1.53	143.43 -11.26 6.94	138.31 -10.68 6.66	140.67 -11.07 0.53	181.46 -11.59 0.00	141.08 -10.60 5.76	167.75 -10.90 -3.31	168.80 -11.14 -1.82	169.59 -10.16 -0.12	143.36 -9.96 0.00	160.16 -10.14 0.00	133.04 -8.49 0.00	115.05 -7.77 0.00
ROCKVIEW_13_KV_LD 356306	156.43 6.66 0.00	150.53 6.13 -0.68	128.89 5.49 0.00	124.62 5.60 -4.99	129.98 5.38 -5.43	161.59 5.25 -29.57	155.48 6.07 -8.23	178.41 7.51 -5.32	205.38 8.10 -10.68	272.04 12.12 0.61	203.76 10.05 2.16	182.84 9.04 0.30	169.11 8.83 1.34	163.00 8.64 1.29	160.86 8.69 0.10	201.99 8.94 0.00	164.62 8.30 1.11	184.68 9.34 0.00	187.14 9.02 0.00	188.23 8.60 0.00	161.68 8.36 0.00	182.09 8.08 -3.71	156.31 6.95 -7.82	133.50 6.10 -4.59
ROME____115KV_TB2 80656	154.73 4.97 0.00	148.74 5.03 0.00	127.44 4.04 0.00	117.80 3.77 0.00	123.53 4.55 0.19	131.41 5.50 0.86	147.28 6.79 0.69	172.06 8.53 2.06	193.80 9.93 2.73	269.15 13.37 4.75	201.12 10.12 4.87	181.92 8.49 0.66	166.26 7.64 3.00	160.37 7.61 2.89	159.70 7.66 0.23	203.42 10.38 0.00	162.96 8.02 2.50	184.46 9.12 0.00	187.33 9.22 0.00	188.33 8.71 0.00	159.26 5.94 0.00	176.56 6.26 0.00	146.15 4.62 0.00	126.39 3.57 0.00
ROSETON___1 23587	154.43 4.66 0.00	148.69 4.31 -0.66	127.39 3.99 0.00	122.99 4.11 -4.86	128.29 3.84 -5.28	159.01 3.45 -28.79	153.02 3.85 -8.00	175.51 4.78 -5.15	201.94 4.98 -10.36	267.45 7.58 0.65	200.08 6.38 2.17	179.55 5.75 0.30	166.05 5.77 1.34	160.00 5.64 1.29	157.89 5.72 0.10	198.29 5.25 0.00	161.38 5.06 1.11	181.11 5.78 0.00	183.59 5.48 0.00	184.81 5.18 0.00	158.89 5.57 0.00	179.03 5.12 -3.61	153.71 4.55 -7.62	131.41 4.13 -4.47
ROSETON___2 23588	154.43 4.66 0.00	148.69 4.31 -0.66	127.39 3.99 0.00	122.99 4.11 -4.86	128.29 3.84 -5.28	159.01 3.45 -28.79	153.02 3.85 -8.00	175.51 4.78 -5.15	201.94 4.98 -10.36	267.45 7.58 0.65	200.08 6.38 2.17	179.55 5.75 0.30	166.05 5.77 1.34	160.00 5.64 1.29	157.89 5.72 0.10	198.29 5.25 0.00	161.38 5.06 1.11	181.11 5.78 0.00	183.59 5.48 0.00	184.81 5.18 0.00	158.89 5.57 0.00	179.03 5.12 -3.61	153.71 4.55 -7.62	131.41 4.13 -4.47
ROTRDAM_115KV_TB3 80664	154.79 5.03 0.00	156.73 4.96 -8.06	127.75 4.35 0.00	177.11 4.13 -58.95	188.51 4.25 -65.09	484.82 4.38 -353.68	246.81 4.88 -100.75	244.94 5.79 -73.56	338.11 6.51 -145.00	288.70 9.03 -19.14	202.52 6.65 0.00	179.62 5.53 0.00	166.95 5.33 0.00	160.71 5.07 0.00	157.44 5.17 0.00	199.44 6.40 0.00	162.85 5.41 0.00	181.25 5.91 0.00	184.00 5.89 0.00	185.72 6.09 0.00	158.77 5.46 0.00	220.27 6.11 -43.86	239.04 4.98 -92.52	181.32 4.25 -54.26
RUSSELL___1 23602	142.78 -6.99 0.00	136.92 -6.79 0.00	117.46 -5.94 0.00	108.08 -5.94 0.00	112.73 -5.99 0.45	118.00 -6.78 1.99	131.47 -8.12 1.59	151.25 -9.69 4.65	169.70 -10.71 6.18	233.58 -16.20 10.76	172.93 -11.78 11.16	162.00 -10.57 1.53	144.28 -10.40 6.94	139.20 -9.78 6.67	141.56 -10.18 0.53	182.65 -10.39 0.00	142.01 -9.66 5.76	168.82 -9.78 -3.26	169.88 -10.02 -1.79	170.73 -9.02 -0.12	144.25 -9.06 0.00	161.17 -9.13 0.00	133.87 -7.67 0.00	115.66 -7.15 0.00
RUSSELL___2 23532	142.78 -6.99 0.00	136.92 -6.79 0.00	117.46 -5.94 0.00	108.08 -5.94 0.00	112.73 -5.99 0.45	118.00 -6.78 1.99	131.47 -8.12 1.59	151.25 -9.69 4.65	169.70 -10.71 6.18	233.58 -16.20 10.76	172.93 -11.78 11.16	162.00 -10.57 1.53	144.28 -10.40 6.94	139.20 -9.78 6.67	141.56 -10.18 0.53	182.65 -10.39 0.00	142.01 -9.66 5.76	168.82 -9.78 -3.26	169.88 -10.02 -1.79	170.73 -9.02 -0.12	144.25 -9.06 0.00	161.17 -9.13 0.00	133.87 -7.67 0.00	115.66 -7.15 0.00
RUSSELL___3 23549	142.78 -6.99 0.00	136.92 -6.79 0.00	117.46 -5.94 0.00	108.08 -5.94 0.00	112.73 -5.99 0.45	118.00 -6.78 1.99	131.47 -8.12 1.59	151.25 -9.69 4.65	169.70 -10.71 6.18	233.58 -16.20 10.76	172.93 -11.78 11.16	162.00 -10.57 1.53	144.28 -10.40 6.94	139.20 -9.78 6.67	141.56 -10.18 0.53	182.65 -10.39 0.00	142.01 -9.66 5.76	168.82 -9.78 -3.26	169.88 -10.02 -1.79	170.73 -9.02 -0.12	144.25 -9.06 0.00	161.17 -9.13 0.00	133.87 -7.67 0.00	115.66 -7.15 0.00
RUSSELL___4 23556	142.78 -6.99 0.00	136.92 -6.79 0.00	117.46 -5.94 0.00	108.08 -5.94 0.00	112.73 -5.99 0.45	118.00 -6.78 1.99	131.47 -8.12 1.59	151.25 -9.69 4.65	169.70 -10.71 6.18	233.58 -16.20 10.76	172.93 -11.78 11.16	162.00 -10.57 1.53	144.28 -10.40 6.94	139.20 -9.78 6.67	141.56 -10.18 0.53	182.65 -10.39 0.00	142.01 -9.66 5.76	168.82 -9.78 -3.26	169.88 -10.02 -1.79	170.73 -9.02 -0.12	144.25 -9.06 0.00	161.17 -9.13 0.00	133.87 -7.67 0.00	115.66 -7.15 0.00
RUSSELL___STATION 23914	142.78 -6.99 0.00	136.92 -6.79 0.00	117.46 -5.94 0.00	108.08 -5.94 0.00	112.73 -5.99 0.45	118.00 -6.78 1.99	131.47 -8.12 1.59	151.25 -9.69 4.65	169.70 -10.71 6.18	233.58 -16.20 10.76	172.93 -11.78 11.16	162.00 -10.57 1.53	144.28 -10.40 6.94	139.20 -9.78 6.67	141.56 -10.18 0.53	182.65 -10.39 0.00	142.01 -9.66 5.76	168.82 -9.78 -3.26	169.88 -10.02 -1.79	170.73 -9.02 -0.12	144.25 -9.06 0.00	161.17 -9.13 0.00	133.87 -7.67 0.00	115.66 -7.15 0.00
S SALMON___HYD 24043	146.81 -2.96 0.00	140.89 -2.83 0.00	120.28 -3.12 0.00	110.79 -3.23 0.00	116.75 -2.42 0.00	124.57 -2.20 0.00	139.04 -2.14 0.00	163.23 -2.36 0.00	184.18 -2.41 0.00	256.71 -3.82 0.00	193.22 -2.65 0.00	171.27 -2.83 0.00	159.03 -2.59 0.00	153.21 -2.43 0.00	150.32 -1.96 0.00	191.53 -1.51 0.00	155.52 -1.91 0.00	173.46 -1.88 0.00	176.38 -1.73 0.00	177.38 -2.25 0.00	149.75 -3.57 0.00	165.75 -4.55 0.00	137.48 -4.06 0.00	119.10 -3.71 0.00
S.PERRY__115KV_TB1 80734	135.25 -14.52 0.00	129.22 -14.49 0.00	111.01 -12.39 0.00	102.66 -11.37 0.00	107.61 -11.12 0.44	113.02 -11.82 1.93	125.81 -13.82 1.54	144.88 -16.09 4.62	161.94 -18.54 6.12	223.34 -26.56 10.62	166.43 -18.54 10.90	155.82 -16.79 1.48	138.56 -16.33 6.73	132.79 -16.38 6.47	135.25 -16.50 0.52	175.14 -17.90 0.00	136.24 -15.60 5.59	159.43 -15.91 0.00	162.30 -15.81 0.00	164.81 -14.81 0.00	138.05 -15.26 0.00	153.83 -16.46 0.00	127.96 -13.57 0.00	110.67 -12.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	137.85 -11.92 0.00	132.60 -11.11 0.00	113.51 -9.90 0.00	103.70 -10.32 0.00	108.20 -10.52 0.45	112.34 -12.45 1.98	123.86 -15.73 1.59	141.27 -19.44 4.87	158.92 -21.23 6.44	218.30 -31.06 11.17	162.07 -22.52 11.28	152.29 -20.29 1.52	134.71 -20.00 6.91	129.79 -19.21 6.64	132.05 -19.70 0.53	172.01 -21.03 0.00	132.07 -19.63 5.74	150.85 -20.95 3.53	155.29 -20.88 1.94	160.78 -18.73 0.13	135.11 -18.20 0.00	152.09 -18.20 0.00	127.12 -14.41 0.00	109.85 -12.96 0.00

SAWYER___23_KV_LOAD 55526	137.85 -11.92 0.00	132.60 -11.11 0.00	113.51 -9.90 0.00	103.70 -10.32 0.00	108.20 -10.52 0.45	112.34 -12.45 1.98	123.86 -15.73 1.59	141.27 -19.44 4.87	158.92 -21.23 6.44	218.30 -31.06 11.17	162.07 -22.52 11.28	152.29 -20.29 1.52	134.71 -20.00 6.91	129.79 -19.21 6.64	132.05 -19.70 0.53	172.01 -21.03 0.00	132.07 -19.63 5.74	150.85 -20.95 3.53	155.29 -20.88 1.94	160.78 -18.73 0.13	135.11 -18.20 0.00	152.09 -18.20 0.00	127.12 -14.41 0.00	109.85 -12.96 0.00
SELKIRK___I 23801	155.20 5.43 0.00	151.69 5.55 -2.43	128.31 4.90 0.00	136.45 4.65 -17.78	143.53 4.74 -19.63	238.04 4.61 -106.66	176.36 4.80 -30.38	192.97 5.20 -22.18	233.45 5.56 -41.29	273.68 8.11 -5.04	201.76 5.89 0.00	178.91 4.81 0.00	166.58 4.96 0.00	160.13 4.48 0.00	156.44 4.17 0.00	198.21 5.16 0.00	161.37 3.94 0.00	179.55 4.21 0.00	182.39 4.28 0.00	184.04 4.41 0.00	157.84 4.52 0.00	188.87 5.35 -13.22	174.35 4.92 -27.89	143.56 4.39 -16.36
SELKIRK___II 23799	154.45 4.68 0.00	151.12 4.79 -2.62	127.64 4.23 0.00	137.27 4.08 -19.16	144.44 4.12 -21.15	245.62 3.90 -114.94	177.96 4.04 -32.74	193.87 4.38 -23.91	236.01 4.77 -44.65	273.29 7.28 -5.48	201.46 5.59 0.00	178.78 4.68 0.00	166.34 4.72 0.00	160.01 4.37 0.00	156.24 3.97 0.00	197.40 4.36 0.00	160.76 3.33 0.00	178.86 3.52 0.00	181.74 3.63 0.00	183.29 3.66 0.00	157.26 3.95 0.00	189.15 4.60 -14.25	176.00 4.40 -30.06	144.34 3.90 -17.63
SENECA OSWGO___HYD 24041	143.93 -5.83 0.00	137.98 -5.73 0.00	118.42 -4.98 0.00	109.40 -4.62 0.00	114.71 -4.64 -0.18	122.64 -4.92 -0.79	136.52 -5.29 -0.63	161.30 -6.19 -1.90	182.33 -6.79 -2.52	255.27 -9.64 -4.38	193.31 -7.05 -4.48	168.29 -6.41 -0.61	158.41 -5.97 -2.77	152.63 -5.67 -2.66	146.96 -5.53 -0.21	186.31 -6.73 0.00	153.96 -5.77 -2.30	169.42 -5.92 0.00	171.93 -6.19 0.00	173.45 -6.18 0.00	147.62 -5.69 0.00	163.99 -6.30 0.00	136.01 -5.52 0.00	117.81 -5.01 0.00
SENECA___115KV_TB3 355854	123.10 -9.80 16.86	134.79 -8.92 0.00	115.42 -7.99 0.00	104.38 -8.63 1.02	92.65 -8.60 17.92	50.22 -10.22 66.33	116.67 -13.16 11.35	79.58 -15.91 70.10	117.81 -17.11 51.68	177.33 -25.34 57.86	121.80 -18.17 55.90	112.09 -16.32 45.68	102.55 -16.25 42.82	104.57 -15.87 35.20	126.85 -16.62 8.80	67.35 -16.52 109.16	135.46 -16.27 5.71	156.67 -17.39 1.28	110.70 -16.95 50.46	44.99 -14.56 120.08	122.82 -15.40 15.09	76.54 -14.84 78.92	81.40 -11.66 48.48	74.95 -10.84 37.02
SENECA___ENERGY 23797	143.36 -4.17 2.23	139.49 -4.23 0.00	119.73 -3.67 0.00	110.21 -3.68 0.14	112.92 -3.62 2.63	112.92 -3.94 9.91	134.50 -4.27 2.40	148.55 -5.03 12.00	170.98 -5.44 10.17	238.80 -8.11 13.62	176.26 -5.88 13.73	161.97 -5.18 6.95	146.97 -5.03 9.62	142.18 -5.02 8.44	145.37 -5.43 1.47	173.02 -5.50 14.52	148.70 -4.73 4.01	169.90 -4.89 0.55	165.69 -4.99 7.44	158.00 -4.39 17.23	146.65 -4.50 2.16	154.10 -4.88 11.32	130.28 -4.30 6.95	113.35 -4.16 5.31
SHOEMAKER___GT 23640	153.97 4.21 0.00	148.16 3.83 -0.62	126.89 3.48 0.00	122.18 3.62 -4.53	127.52 3.44 -4.91	156.80 3.24 -26.79	152.36 3.77 -7.42	174.90 4.63 -4.69	201.06 4.95 -9.51	267.07 7.40 0.86	199.65 6.06 2.28	179.27 5.49 0.31	165.66 5.45 1.41	159.68 5.38 1.35	157.60 5.44 0.11	198.33 5.28 0.00	161.18 4.91 1.17	181.03 5.70 0.00	183.50 5.39 0.00	184.77 5.14 0.00	158.56 5.25 0.00	178.69 5.02 -3.36	153.04 4.41 -7.09	130.81 3.84 -4.16
SHOEMAKR_138KV_BK 111 55601	153.81 4.04 0.00	148.03 3.70 -0.62	126.79 3.39 0.00	122.05 3.53 -4.50	127.37 3.33 -4.88	156.47 3.11 -26.59	152.18 3.64 -7.36	174.73 4.50 -4.64	200.82 4.80 -9.43	266.89 7.24 0.88	199.60 6.02 2.29	179.21 5.43 0.31	165.57 5.36 1.41	159.57 5.28 1.36	157.47 5.31 0.11	198.16 5.12 0.00	161.11 4.85 1.17	180.90 5.56 0.00	183.43 5.32 0.00	184.70 5.07 0.00	158.48 5.17 0.00	178.55 4.91 -3.34	152.88 4.30 -7.04	130.69 3.75 -4.13
SHOREHAM_IC_1 23715	128.48 4.63 25.91	129.80 4.18 18.09	127.68 4.40 0.12	124.77 5.76 -5.00	129.51 4.91 -5.43	130.25 3.21 -0.28	140.18 4.67 5.66	168.73 4.39 1.24	197.92 5.10 -6.23	357.28 10.88 -85.87	212.23 9.19 -7.17	180.40 6.61 0.30	168.37 8.09 1.34	162.43 8.07 1.29	160.97 8.80 0.10	200.22 7.18 0.01	166.99 8.67 -0.88	183.85 8.01 -0.51	196.70 9.95 -8.63	189.65 10.01 0.00	165.04 9.28 -2.45	181.32 7.32 -3.71	207.47 6.54 -59.39	146.88 6.36 -17.70
SHOREHAM_IC_2 23716	128.61 4.75 25.91	129.88 4.26 18.09	127.68 4.39 0.12	124.87 5.85 -5.00	129.52 4.92 -5.43	130.42 3.38 -0.28	140.24 4.72 5.66	168.86 4.52 1.24	198.01 5.19 -6.23	357.36 10.96 -85.87	212.30 9.25 -7.17	180.55 6.75 0.30	168.54 8.26 1.34	162.48 8.13 1.29	161.00 8.84 0.10	200.32 7.28 0.01	167.04 8.73 -0.88	183.97 8.12 -0.51	196.78 10.03 -8.63	189.71 10.08 0.00	165.08 9.32 -2.45	181.36 7.36 -3.71	207.50 6.58 -59.39	146.91 6.40 -17.70
SISSONVILLE____ 23735	152.45 2.69 0.00	146.91 3.20 0.00	125.78 2.38 0.00	115.78 1.76 0.00	120.64 1.47 0.00	128.49 1.72 0.00	142.18 1.01 0.00	168.05 2.47 0.00	189.40 2.80 0.00	263.97 3.44 0.00	197.44 1.57 0.00	175.54 1.45 0.00	162.54 0.92 0.00	156.50 0.85 0.00	153.36 1.09 0.00	194.81 1.77 0.00	159.13 1.69 0.00	177.23 1.89 0.00	180.18 2.07 0.00	181.08 1.46 0.00	152.65 -0.66 0.00	169.18 -1.12 0.00	141.35 -0.19 0.00	123.99 1.18 0.00
SITHE_IND_GS1 24169	143.03 -6.74 0.00	137.21 -6.50 0.00	117.77 -5.63 0.00	108.77 -5.24 0.01	110.30 -5.36 3.52	105.50 -5.75 15.52	122.39 -6.35 12.43	120.88 -7.50 37.21	128.84 -8.38 49.37	162.90 -11.89 85.74	99.25 -8.78 87.85	154.32 -7.85 11.93	100.05 -7.34 54.23	96.52 -7.02 52.11	141.14 -6.97 4.16	184.59 -8.45 0.00	105.27 -7.13 45.04	167.54 -7.79 0.00	170.21 -7.90 0.00	171.79 -7.84 0.00	146.32 -6.99 0.00	162.66 -7.64 0.00	135.08 -6.46 0.00	117.05 -5.77 0.00
SITHE_IND_GS2 24170	143.03 -6.74 0.00	137.21 -6.50 0.00	117.77 -5.63 0.00	108.77 -5.24 0.01	110.30 -5.36 3.52	105.50 -5.75 15.52	122.39 -6.35 12.43	120.88 -7.50 37.21	128.84 -8.38 49.37	162.90 -11.89 85.74	99.25 -8.78 87.85	154.32 -7.85 11.93	100.05 -7.34 54.23	96.52 -7.02 52.11	141.14 -6.97 4.16	184.59 -8.45 0.00	105.27 -7.13 45.04	167.54 -7.79 0.00	170.21 -7.90 0.00	171.79 -7.84 0.00	146.32 -6.99 0.00	162.66 -7.64 0.00	135.08 -6.46 0.00	117.05 -5.77 0.00
SITHE_IND_GS3 24171	143.03 -6.74 0.00	137.21 -6.50 0.00	117.77 -5.63 0.00	108.77 -5.24 0.01	110.30 -5.36 3.52	105.50 -5.75 15.52	122.39 -6.35 12.43	120.88 -7.50 37.21	128.84 -8.38 49.37	162.90 -11.89 85.74	99.25 -8.78 87.85	154.32 -7.85 11.93	100.05 -7.34 54.23	96.52 -7.02 52.11	141.14 -6.97 4.16	184.59 -8.45 0.00	105.27 -7.13 45.04	167.54 -7.79 0.00	170.21 -7.90 0.00	171.79 -7.84 0.00	146.32 -6.99 0.00	162.66 -7.64 0.00	135.08 -6.46 0.00	117.05 -5.77 0.00
SITHE_IND_GS4 24172	143.03 -6.74 0.00	137.21 -6.50 0.00	117.77 -5.63 0.00	108.77 -5.24 0.01	110.30 -5.36 3.52	105.50 -5.75 15.52	122.39 -6.35 12.43	120.88 -7.50 37.21	128.84 -8.38 49.37	162.90 -11.89 85.74	99.25 -8.78 87.85	154.32 -7.85 11.93	100.05 -7.34 54.23	96.52 -7.02 52.11	141.14 -6.97 4.16	184.59 -8.45 0.00	105.27 -7.13 45.04	167.54 -7.79 0.00	170.21 -7.90 0.00	171.79 -7.84 0.00	146.32 -6.99 0.00	162.66 -7.64 0.00	135.08 -6.46 0.00	117.05 -5.77 0.00

SITHE___BATAVIA 24024	127.30 -10.92 11.54	133.41 -10.30 0.00	114.31 -9.10 0.00	104.06 -9.27 0.70	97.34 -9.42 12.41	70.16 -10.58 46.03	119.57 -13.34 8.27	101.03 -15.77 48.78	133.34 -17.31 35.95	193.42 -25.99 41.11	135.84 -18.74 41.29	125.31 -16.92 31.86	112.54 -17.46 31.61	112.52 -16.84 26.28	128.83 -17.23 6.21	100.57 -17.56 74.91	135.70 -16.00 5.74	179.43 -16.46 -20.55	139.18 -16.33 22.60	83.81 -14.79 81.03	128.05 -14.99 10.28	101.98 -14.59 53.72	96.66 -11.87 33.01	86.44 -11.16 25.21
SITHE___INDEPEND 23800	143.05 -6.71 0.00	137.20 -6.51 0.00	117.76 -5.64 0.00	108.77 -5.25 0.01	110.29 -5.36 3.52	105.48 -5.77 15.52	122.38 -6.36 12.43	120.85 -7.53 37.21	128.81 -8.41 49.37	162.87 -8.83 85.74	99.19 -7.92 87.85	154.24 -7.92 11.93	100.04 -7.35 54.23	96.47 -7.06 52.11	141.14 -6.98 4.16	184.54 -8.50 0.00	105.21 -7.19 45.04	167.54 -7.80 0.00	170.16 -7.95 0.00	171.76 -7.87 0.00	146.32 -7.00 0.00	162.63 -7.67 0.00	135.03 -6.50 0.00	117.05 -5.77 0.00
SITHE___MASSENA 23902	152.63 2.87 0.00	146.52 2.81 0.00	125.69 2.29 0.00	115.88 1.86 0.00	120.95 1.78 0.00	129.22 2.45 0.00	143.27 2.09 0.00	168.87 3.29 0.00	190.27 3.67 0.00	265.26 4.73 0.00	198.36 2.49 0.00	176.50 2.40 0.00	163.46 1.84 0.00	157.41 1.77 0.00	154.13 1.86 0.00	196.04 3.00 0.00	160.70 3.27 0.00	178.86 3.52 0.00	181.83 3.72 0.00	183.08 3.46 0.00	155.20 1.88 0.00	172.29 1.99 0.00	143.34 1.81 0.00	125.24 2.43 0.00
SITHE___OGDNSBRG 24021	155.18 5.42 0.00	149.28 5.57 0.00	127.95 4.55 0.00	117.87 3.84 0.00	122.89 3.72 0.00	131.19 4.42 0.00	145.38 4.21 0.00	171.83 6.25 0.00	193.56 6.96 0.00	269.38 8.85 0.00	201.05 5.18 0.00	178.66 4.57 0.00	165.45 3.83 0.00	159.25 3.60 0.00	156.18 3.91 0.00	198.99 5.95 0.00	163.12 5.69 0.00	181.78 6.44 0.00	184.72 6.61 0.00	185.90 6.28 0.00	157.07 3.75 0.00	174.13 3.84 0.00	144.98 3.45 0.00	126.82 4.00 0.00
SITHE___STERLING 23777	152.96 3.20 0.00	147.01 3.30 0.00	126.24 2.84 0.00	116.80 2.78 0.00	122.30 3.37 0.24	129.74 4.01 1.04	145.41 5.07 0.83	169.36 6.28 2.50	190.52 7.24 3.32	264.39 9.62 5.76	197.28 7.31 5.91	179.46 6.16 0.80	163.44 5.47 3.65	157.56 5.41 3.50	157.40 5.41 0.28	200.47 7.43 0.00	159.99 5.58 3.03	181.68 6.34 0.00	184.50 6.39 0.00	185.53 5.90 0.00	157.46 4.15 0.00	174.64 4.34 0.00	144.78 3.25 0.00	125.22 2.40 0.00
SLEIGHT__34_KV_TB1 80719	143.76 -6.00 0.00	137.77 -5.94 0.00	118.19 -5.21 0.00	108.93 -5.10 0.00	113.61 -5.15 0.41	119.35 -5.62 1.80	133.36 -6.37 1.44	153.70 -7.58 4.31	172.62 -8.26 5.72	238.23 -12.37 9.92	176.88 -8.82 10.17	164.69 -8.03 1.38	147.42 -7.92 6.28	142.02 -7.59 6.03	143.81 -7.98 0.48	184.91 -8.14 0.00	144.72 -7.49 5.21	167.75 -7.59 0.00	170.35 -7.76 0.00	172.69 -6.94 0.00	146.32 -6.99 0.00	162.88 -7.42 0.00	135.08 -6.46 0.00	116.77 -6.04 0.00
SMITHTWN_69_KV_BK 1 55830	128.28 4.27 25.75	129.50 3.76 17.97	127.28 3.99 0.12	124.49 5.47 -5.00	129.07 4.48 -5.43	129.95 2.72 -0.46	139.46 3.86 5.57	167.51 3.13 1.21	196.34 3.94 -5.80	379.47 7.72 -111.22	211.76 6.34 -9.54	179.40 5.60 0.30	166.62 6.35 1.34	160.66 6.30 1.29	159.05 6.88 0.10	198.49 5.45 0.01	165.88 7.13 -1.32	183.47 7.05 -1.08	197.41 8.07 -11.23	187.33 7.70 0.00	163.46 6.96 -3.18	179.57 5.57 -3.71	221.56 5.13 -74.91	149.34 4.88 -21.65
SOUTH CAIRO___GT 23612	162.57 12.81 0.00	158.78 12.71 -2.36	134.47 11.07 0.00	141.42 10.15 -17.24	148.87 10.73 -18.96	241.07 11.18 -103.12	183.06 12.67 -29.21	201.22 14.89 -20.74	242.39 16.31 -39.49	286.70 22.92 -3.25	209.98 15.93 1.82	186.57 12.73 0.25	172.93 12.44 1.13	166.10 11.53 1.08	163.10 10.91 0.09	208.34 15.29 0.00	169.24 12.75 0.94	189.91 14.57 0.00	192.84 14.72 0.00	194.30 14.67 0.00	166.08 12.77 0.00	197.51 14.39 -12.82	180.77 12.18 -27.05	148.97 10.29 -15.86
SOUTH HAMPTN___IC 23720	128.78 4.97 25.96	130.12 4.53 18.12	128.02 4.74 0.12	125.13 6.11 -5.00	129.95 5.36 -5.43	130.81 3.82 -0.23	140.88 5.39 5.69	169.62 5.28 1.25	199.01 6.13 -6.28	362.04 16.64 -84.88	217.00 14.03 -7.09	184.56 10.76 0.30	171.63 11.36 1.34	165.52 11.16 1.29	164.18 12.02 0.10	203.25 10.21 0.01	169.56 11.26 -0.87	186.90 11.08 -0.48	199.64 13.00 -8.53	193.41 13.78 0.00	168.24 12.51 -2.42	184.24 10.23 -3.71	209.20 8.90 -58.77	149.23 8.87 -17.54
SOUTHDOW_115KV_TB1 355954	144.16 -5.60 0.00	139.20 -4.51 0.00	118.82 -4.58 0.00	107.67 -6.36 0.00	112.95 -5.78 0.44	118.31 -6.51 1.95	132.61 -7.01 1.56	151.88 -9.03 4.67	172.36 -8.03 6.21	236.87 -12.87 10.78	173.54 -11.32 11.01	161.18 -11.41 1.49	142.99 -11.83 6.80	137.80 -11.31 6.53	139.77 -11.98 0.52	182.92 -10.12 0.00	139.56 -12.23 5.65	162.18 -13.16 0.00	165.09 -13.02 0.00	169.14 -10.49 0.00	142.26 -11.06 0.00	159.75 -10.54 0.00	132.90 -8.64 0.00	114.16 -8.66 0.00
SOUTHOLD_69_KV_BK 2 55809	128.65 4.84 25.95	129.97 4.38 18.12	127.84 4.55 0.12	125.09 6.07 -5.00	129.88 5.28 -5.43	131.05 4.06 -0.23	141.13 5.64 5.69	170.02 5.69 1.25	199.39 6.51 -6.28	365.97 20.60 -84.86	219.72 16.76 -7.09	186.17 12.38 0.30	173.46 13.18 1.34	167.19 12.83 1.29	166.20 14.03 0.10	202.50 9.46 0.01	168.98 10.68 -0.87	186.42 10.61 -0.48	199.45 12.81 -8.52	196.47 16.83 0.00	170.48 14.75 -2.42	184.31 10.30 -3.71	208.64 8.36 -58.75	150.94 10.58 -17.54
SOUTHOLD___IC 23719	128.52 4.71 25.95	129.90 4.31 18.12	127.86 4.58 0.12	125.01 5.99 -5.00	129.86 5.27 -5.43	130.87 3.87 -0.23	141.08 5.59 5.69	169.91 5.57 1.25	199.30 6.42 -6.28	365.89 20.51 -84.86	219.63 16.67 -7.09	186.01 12.22 0.30	173.26 12.99 1.34	167.13 12.78 1.29	166.17 14.00 0.10	202.31 9.27 0.01	168.93 10.62 -0.87	186.32 10.50 -0.48	199.39 12.75 -8.52	196.40 16.77 0.00	170.38 14.65 -2.42	184.22 10.21 -3.71	208.59 8.31 -58.75	150.92 10.56 -17.54
SOUTH_FORK_WT_PWR 323839	126.38 2.57 25.96	127.84 2.25 18.12	126.10 2.81 0.12	123.41 4.39 -5.00	128.19 3.60 -5.43	129.13 2.13 -0.23	139.16 3.67 5.69	167.68 3.35 1.25	196.74 3.87 -6.28	366.92 21.53 -84.87	220.74 17.78 -7.09	187.10 13.30 0.30	173.45 13.17 1.34	167.26 12.90 1.29	166.58 14.41 0.10	204.67 11.63 0.01	170.82 12.51 -0.87	188.41 12.59 -0.48	201.44 14.80 -8.53	196.93 17.30 0.00	170.86 15.13 -2.42	185.74 11.73 -3.71	210.46 10.17 -58.76	151.46 11.11 -17.54
SPIERFLS_115KV_TB 1 80737	161.88 12.12 0.00	163.01 11.91 -7.39	133.69 10.28 0.00	177.60 9.57 -54.01	188.89 10.10 -59.63	461.72 10.94 -324.01	246.04 12.56 -92.30	248.17 15.20 -67.39	336.30 17.42 -132.28	301.49 23.59 -17.37	212.72 16.85 0.00	188.30 14.21 0.00	175.04 13.42 0.00	168.26 12.61 0.00	165.47 13.20 0.00	209.83 16.78 0.00	171.13 13.70 0.00	191.06 15.72 0.00	193.99 15.88 0.00	196.16 16.53 0.00	167.31 14.00 0.00	226.20 15.72 -40.18	238.83 12.53 -84.76	182.95 10.43 -49.71
ST LAWRENCE____ 23600	150.23 0.46 0.00	144.10 0.38 0.00	123.65 0.25 0.00	114.04 0.02 0.00	119.15 -0.02 0.00	127.30 0.53 0.00	141.64 0.47 0.00	166.31 0.72 0.00	187.42 0.82 0.00	261.49 0.96 0.00	196.22 0.35 0.00	174.62 0.52 0.00	161.79 0.17 0.00	155.81 0.17 0.00	152.48 0.21 0.00	193.78 0.73 0.00	158.30 0.87 0.00	176.20 0.86 0.00	179.10 0.99 0.00	180.46 0.83 0.00	153.72 0.40 0.00	170.73 0.43 0.00	141.87 0.33 0.00	123.35 0.54 0.00

STATE_CA_115KV_115_LB 55624	156.36 6.59 0.00	154.42 6.74 -3.97	129.32 5.91 0.00	148.70 5.65 -29.02	156.99 5.78 -32.05	306.45 5.55 -174.13	196.63 5.85 -49.60	208.13 6.33 -36.22	263.12 6.83 -69.69	280.02 10.57 -8.92	204.02 8.15 0.00	181.01 6.92 0.00	168.45 6.83 0.00	161.92 6.28 0.00	157.84 5.57 0.00	199.42 6.37 0.00	162.24 4.81 0.00	180.43 5.09 0.00	183.34 5.23 0.00	184.92 5.29 0.00	158.75 5.43 0.00	198.36 6.47 -21.59	193.39 6.31 -45.54	155.11 5.58 -26.71
STATE_ST_34_KV_LOAD 55959	147.99 -1.77 0.00	141.76 -1.95 0.00	121.72 -1.69 0.00	112.07 -1.96 0.00	117.03 -1.84 0.30	123.56 -1.89 1.31	138.41 -1.72 1.05	160.28 -2.16 3.14	180.76 -1.66 4.17	250.70 -2.58 7.25	186.71 -1.74 7.42	171.50 -1.58 1.01	155.53 -1.51 4.58	149.71 -1.53 4.40	149.70 -2.22 0.35	191.57 -1.48 0.00	152.12 -1.51 3.81	174.18 -1.16 0.00	176.49 -1.63 0.00	178.93 -0.70 0.00	152.11 -1.21 0.00	168.94 -1.35 0.00	140.03 -1.51 0.00	121.10 -1.72 0.00
STATION_5_MISC_HYD 23604	134.35 -7.64 7.78	136.39 -7.33 0.00	117.01 -6.39 0.00	107.17 -6.38 0.47	104.19 -6.47 8.51	87.84 -7.24 31.68	126.26 -8.81 6.10	120.32 -10.38 34.88	148.53 -11.52 26.55	211.38 -17.30 31.85	151.63 -12.47 31.78	140.91 -11.17 22.01	127.03 -10.99 23.60	125.21 -10.51 19.92	136.89 -11.02 4.36	131.21 -11.27 50.56	141.30 -10.38 5.76	166.10 -10.82 -1.58	145.45 -10.84 21.82	115.15 -9.80 54.68	136.48 -9.96 6.88	124.46 -9.85 35.99	111.15 -8.28 22.11	98.24 -7.69 16.88
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	144.17 -5.59 0.00	138.23 -5.48 0.00	118.58 -4.82 0.00	109.25 -4.77 0.00	114.01 -4.76 0.41	119.70 -5.27 1.80	133.64 -6.09 1.44	154.03 -7.25 4.31	172.86 -8.02 5.72	238.60 -12.00 9.93	177.01 -8.69 10.17	164.82 -7.90 1.38	147.51 -7.83 6.28	142.16 -7.46 6.03	143.96 -7.83 0.48	184.99 -8.06 0.00	144.89 -7.33 5.21	167.94 -7.40 0.00	170.59 -7.52 0.00	172.87 -6.76 0.00	146.43 -6.88 0.00	163.13 -7.17 0.00	135.33 -6.20 0.00	117.01 -5.81 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	141.75 -8.01 0.00	135.93 -7.78 0.00	116.58 -6.83 0.00	107.29 -6.73 0.00	111.87 -6.85 0.45	117.07 -7.73 1.97	130.36 -9.23 1.58	149.91 -11.05 4.63	168.18 -12.26 6.16	231.74 -18.08 10.71	171.65 -13.12 11.10	160.81 -11.77 1.52	143.20 -11.53 6.89	138.00 -11.02 6.62	140.39 -11.35 0.53	180.94 -12.10 0.00	140.75 -10.95 5.73	166.87 -11.36 -2.89	168.21 -11.50 -1.59	169.07 -10.67 -0.10	143.01 -10.30 0.00	159.66 -10.64 0.00	132.59 -8.95 0.00	114.66 -8.16 0.00
STA_56___34_KV_BUS2 355983	141.75 -8.01 0.00	135.93 -7.78 0.00	116.58 -6.83 0.00	107.29 -6.73 0.00	111.87 -6.85 0.45	117.07 -7.73 1.97	130.36 -9.23 1.58	149.91 -11.05 4.63	168.18 -12.26 6.16	231.74 -18.08 10.71	171.65 -13.12 11.10	160.81 -11.77 1.52	143.20 -11.53 6.89	138.00 -11.02 6.62	140.39 -11.35 0.53	180.94 -12.10 0.00	140.75 -10.95 5.73	166.87 -11.36 -2.89	168.21 -11.50 -1.59	169.07 -10.67 -0.10	143.01 -10.30 0.00	159.66 -10.64 0.00	132.59 -8.95 0.00	114.66 -8.16 0.00
STA_67___115KV_BK2 355882	142.00 -7.76 0.00	136.17 -7.54 0.00	116.81 -6.59 0.00	107.46 -6.56 0.00	112.05 -6.67 0.45	117.18 -7.60 1.99	130.41 -9.18 1.59	149.93 -11.02 4.64	168.18 -12.23 6.18	231.58 -18.20 10.75	171.55 -13.17 11.16	160.72 -11.84 1.53	143.02 -11.66 6.94	137.93 -11.05 6.66	140.31 -11.43 0.53	180.95 -12.09 0.00	140.70 -10.98 5.76	167.24 -11.38 -3.28	168.38 -11.54 -1.80	169.13 -10.62 -0.12	142.96 -10.35 0.00	159.74 -10.56 0.00	132.76 -8.78 0.00	114.78 -8.03 0.00
STA_7___115KV_9TRANS 80674	142.78 -6.99 0.00	136.92 -6.79 0.00	117.46 -5.94 0.00	108.08 -5.94 0.00	112.73 -5.99 0.45	118.00 -6.78 1.99	131.47 -8.12 1.59	151.25 -9.69 4.65	169.70 -10.71 6.18	233.58 -16.20 10.76	172.93 -11.78 11.16	162.00 -10.57 1.53	144.28 -10.40 6.94	139.20 -9.78 6.67	141.56 -10.18 0.53	182.65 -10.39 0.00	142.01 -9.66 5.76	168.82 -9.78 -3.26	169.88 -10.02 -1.79	170.73 -9.02 -0.12	144.25 -9.06 0.00	161.17 -9.13 0.00	133.87 -7.67 0.00	115.66 -7.15 0.00
STA_82___115KV_TB1 80780	141.86 -7.90 0.00	136.06 -7.65 0.00	116.70 -6.70 0.00	107.36 -6.66 0.00	111.95 -6.77 0.45	117.06 -7.72 1.98	130.30 -9.29 1.59	149.77 -11.20 4.62	168.00 -12.44 6.15	231.33 -18.49 10.71	171.38 -13.37 11.12	160.55 -12.02 1.52	142.86 -11.84 6.92	137.72 -11.27 6.65	140.11 -11.63 0.53	180.76 -12.29 0.00	140.51 -11.18 5.74	167.35 -11.57 -3.58	168.33 -11.75 -1.97	168.91 -10.84 -0.13	142.81 -10.51 0.00	159.54 -10.76 0.00	132.60 -8.93 0.00	114.66 -8.15 0.00
STEEL___WIND 323596	122.96 -9.95 16.86	134.65 -9.06 0.00	115.25 -8.15 0.00	104.23 -8.77 1.02	92.44 -8.81 17.92	49.93 -10.51 66.33	116.35 -13.48 11.35	79.25 -16.24 70.10	117.40 -17.52 51.68	176.87 -25.80 57.86	121.42 -18.55 55.90	111.68 -16.73 45.68	102.25 -16.54 42.82	104.26 -16.18 35.20	126.56 -16.91 8.80	67.03 -16.85 109.16	135.20 -16.53 5.71	156.42 -17.64 1.28	110.28 -17.37 50.46	44.70 -14.85 120.08	122.45 -15.77 15.09	76.13 -15.25 78.92	81.14 -11.92 48.48	74.72 -11.08 37.02
STEPHTWN_115KV_BK_2 55603	157.16 7.39 0.00	154.43 7.31 -3.41	129.73 6.32 0.00	144.96 6.00 -24.93	152.98 6.29 -27.52	282.51 6.19 -149.56	190.55 6.77 -42.60	203.96 7.27 -31.11	254.14 8.17 -59.37	279.99 11.94 -7.51	204.73 8.86 0.00	181.44 7.34 0.00	169.28 7.66 0.00	162.69 7.04 0.00	158.61 6.34 0.00	200.65 7.60 0.00	163.19 5.76 0.00	181.77 6.43 0.00	184.71 6.59 0.00	186.26 6.63 0.00	159.63 6.31 0.00	196.30 7.46 -18.54	187.34 6.69 -39.12	151.50 5.74 -22.94
STEBUBEN_REC_LFGE 323667	139.87 -9.90 0.00	133.18 -10.73 -0.20	114.43 -8.98 0.00	106.85 -8.67 -1.50	114.28 -6.13 -1.23	127.10 -6.80 -7.13	135.24 -7.00 -1.07	154.20 -8.80 2.59	174.32 -10.09 2.19	236.58 -14.16 9.78	176.61 -8.70 10.56	164.42 -8.24 1.43	146.94 -8.16 6.52	140.97 -8.41 6.26	143.19 -8.58 0.50	185.62 -7.43 0.00	143.93 -8.09 5.41	168.06 -7.28 0.00	172.23 -5.88 0.00	174.54 -5.09 0.00	144.31 -9.00 0.00	162.50 -8.89 -1.10	136.62 -7.22 -2.31	117.33 -6.84 -1.36
STILLWATER___SOLAR 323814	159.18 9.42 0.00	160.07 9.31 -7.04	131.47 8.07 0.00	173.10 7.57 -51.50	183.91 7.88 -56.86	444.08 8.32 -308.99	238.50 9.30 -88.02	240.95 11.10 -64.27	324.98 12.54 -125.84	294.26 17.26 -16.47	208.27 12.40 0.00	184.39 10.30 0.00	171.43 9.81 0.00	164.99 9.35 0.00	162.03 9.76 0.00	205.33 12.28 0.00	167.52 10.09 0.00	186.57 11.23 0.00	189.41 11.30 0.00	191.44 11.81 0.00	163.54 10.23 0.00	220.27 11.65 -38.32	231.72 9.36 -80.82	178.09 7.88 -47.40
STONY___BROOK 24151	128.09 4.14 25.81	129.39 3.70 18.02	127.29 4.00 0.12	124.39 5.37 -5.00	129.02 4.43 -5.43	129.66 2.50 -0.39	139.31 3.74 5.61	167.18 2.82 1.22	196.41 3.79 -6.03	363.58 7.58 -95.47	209.99 6.06 -8.05	179.04 5.24 0.30	166.24 5.96 1.34	160.42 6.07 1.29	158.90 6.73 0.10	198.09 5.05 0.01	165.33 6.85 -1.04	182.53 6.46 -0.72	195.44 7.70 -9.62	186.97 7.34 0.00	162.48 6.44 -2.73	179.28 5.27 -3.71	211.72 4.90 -65.28	146.82 4.81 -19.20
STURGEON_POOL_HYD 23609	155.40 5.64 0.00	149.85 5.14 -1.00	128.10 4.70 0.00	126.00 4.67 -7.31	131.64 4.49 -7.98	174.49 4.25 -43.46	158.28 4.92 -12.19	179.99 6.19 -8.22	209.41 6.72 -16.09	270.72 10.09 -0.10	202.07 8.32 2.12	181.36 7.56 0.29	167.71 7.40 1.31	161.65 7.26 1.26	159.55 7.38 0.10	200.42 7.37 0.00	163.18 6.84 1.09	183.17 7.83 0.00	185.73 7.62 0.00	186.91 7.28 0.00	160.54 7.23 0.00	182.56 6.84 -5.43	158.72 5.73 -11.45	134.51 4.98 -6.72

ST_LAW_115_BK7_LBMP 345037	150.33 0.56 0.00	144.15 0.43 0.00	123.70 0.30 0.00	114.08 0.05 0.00	119.20 0.03 0.00	127.34 0.58 0.00	141.59 0.42 0.00	166.36 0.77 0.00	187.44 0.84 0.00	261.47 0.95 0.00	196.10 0.23 0.00	174.51 0.42 0.00	161.65 0.03 0.00	155.70 0.05 0.00	152.36 0.09 0.00	193.70 0.66 0.00	158.33 0.90 0.00	176.22 0.88 0.00	179.16 1.05 0.00	180.46 0.83 0.00	153.61 0.30 0.00	170.57 0.27 0.00	141.80 0.27 0.00	123.42 0.60 0.00
ST_LAW_115_BK8_LBMP 345038	150.33 0.56 0.00	144.15 0.43 0.00	123.70 0.30 0.00	114.08 0.05 0.00	119.20 0.03 0.00	127.34 0.58 0.00	141.59 0.42 0.00	166.36 0.77 0.00	187.44 0.84 0.00	261.47 0.95 0.00	196.10 0.23 0.00	174.51 0.42 0.00	161.65 0.03 0.00	155.70 0.05 0.00	152.36 0.09 0.00	193.70 0.66 0.00	158.33 0.90 0.00	176.22 0.88 0.00	179.16 1.05 0.00	180.46 0.83 0.00	153.61 0.30 0.00	170.57 0.27 0.00	141.80 0.27 0.00	123.42 0.60 0.00
ST_LAW_230_BK5_LBMP 345035	150.23 0.46 0.00	144.10 0.38 0.00	123.65 0.25 0.00	114.04 0.02 0.00	119.15 -0.02 0.00	127.30 0.53 0.00	141.64 0.47 0.00	166.31 0.72 0.00	187.42 0.82 0.00	261.49 0.96 0.00	196.22 0.35 0.00	174.62 0.52 0.00	161.79 0.17 0.00	155.81 0.17 0.00	152.48 0.21 0.00	193.78 0.73 0.00	158.30 0.87 0.00	176.20 0.86 0.00	179.10 0.99 0.00	180.46 0.83 0.00	153.72 0.40 0.00	170.73 0.43 0.00	141.87 0.33 0.00	123.35 0.54 0.00
ST_LAW_230_BK6_LBMP 345036	150.23 0.46 0.00	144.10 0.38 0.00	123.65 0.25 0.00	114.04 0.02 0.00	119.15 -0.02 0.00	127.30 0.53 0.00	141.64 0.47 0.00	166.31 0.72 0.00	187.42 0.82 0.00	261.49 0.96 0.00	196.22 0.35 0.00	174.62 0.52 0.00	161.79 0.17 0.00	155.81 0.17 0.00	152.48 0.21 0.00	193.78 0.73 0.00	158.30 0.87 0.00	176.20 0.86 0.00	179.10 0.99 0.00	180.46 0.83 0.00	153.72 0.40 0.00	170.73 0.43 0.00	141.87 0.33 0.00	123.35 0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	154.24 4.48 0.00	148.41 4.06 -0.63	127.12 3.72 0.00	122.57 3.90 -4.64	127.85 3.64 -5.03	157.63 3.40 -27.46	152.81 4.03 -7.61	175.41 4.99 -4.83	201.64 5.26 -9.78	267.71 7.98 0.80	200.31 6.69 2.26	179.90 6.11 0.31	166.21 5.98 1.39	160.20 5.89 1.34	158.04 5.88 0.11	198.75 5.71 0.00	161.81 5.53 1.16	181.64 6.30 0.00	184.10 5.99 0.00	185.34 5.71 0.00	159.12 5.81 0.00	179.10 5.36 -3.44	153.53 4.73 -7.27	131.23 4.16 -4.26
SWANROAD_115KV_TB1 355699	134.80 -14.97 0.00	129.62 -14.09 0.00	110.96 -12.45 0.00	101.39 -12.63 0.00	105.65 -13.07 0.45	109.46 -15.32 1.98	119.78 -19.81 1.59	137.01 -24.47 4.11	154.08 -26.96 5.56	211.69 -39.09 9.75	156.62 -28.48 10.77	146.93 -25.64 1.52	129.66 -25.04 6.92	125.02 -23.98 6.65	127.38 -24.36 0.53	166.05 -27.00 0.00	127.36 -24.33 5.74	167.49 -26.11 -18.25	162.03 -26.12 -10.03	156.08 -24.20 -0.64	130.66 -22.66 0.00	148.04 -22.28 -0.03	124.33 -17.22 -0.01	107.34 -15.48 0.00
SYNERGY___BIOGAS 323694	138.92 -10.85 0.00	133.50 -10.21 0.00	114.28 -9.13 0.00	104.75 -9.27 0.00	109.34 -9.38 0.45	114.05 -10.74 1.98	126.23 -13.36 1.59	145.52 -16.13 3.93	163.57 -17.68 5.35	224.74 -26.38 9.41	166.10 -19.12 10.65	155.20 -17.37 1.52	136.90 -17.81 6.91	131.86 -17.14 6.64	134.46 -17.28 0.53	175.01 -18.03 0.00	135.44 -16.26 5.74	181.85 -16.63 -23.15	174.08 -16.75 -12.72	165.19 -15.25 -0.82	138.30 -15.02 0.00	155.28 -15.05 -0.04	129.38 -12.17 -0.01	111.50 -11.32 0.00
SYRACUSE___ENERGY_ST1 323597	146.75 -3.02 0.00	140.67 -3.04 0.00	120.74 -2.66 0.00	111.56 -2.46 0.00	116.50 -2.42 0.25	123.11 -2.56 1.09	137.76 -2.54 0.88	159.86 -3.10 2.63	179.76 -3.35 3.49	249.49 -4.98 6.06	186.11 -3.56 6.20	170.04 -3.21 0.84	154.83 -2.96 3.83	149.15 -2.82 3.68	149.02 -2.95 0.29	189.85 -3.19 0.00	151.40 -2.86 3.18	172.44 -2.90 0.00	175.18 -2.93 0.00	176.91 -2.72 0.00	150.56 -2.75 0.00	167.25 -3.05 0.00	138.75 -2.79 0.00	120.10 -2.72 0.00
SYRACUSE___ENERGY_ST2 323598	146.75 -3.02 0.00	140.67 -3.04 0.00	120.74 -2.66 0.00	111.56 -2.46 0.00	116.50 -2.42 0.25	123.11 -2.56 1.09	137.76 -2.54 0.88	159.86 -3.10 2.63	179.76 -3.35 3.49	249.49 -4.98 6.06	186.11 -3.56 6.20	170.04 -3.21 0.84	154.83 -2.96 3.83	149.15 -2.82 3.68	149.02 -2.95 0.29	189.85 -3.19 0.00	151.40 -2.86 3.18	172.44 -2.90 0.00	175.18 -2.93 0.00	176.91 -2.72 0.00	150.56 -2.75 0.00	167.25 -3.05 0.00	138.75 -2.79 0.00	120.10 -2.72 0.00
SYRACUSE___POWER 24017	146.65 -3.12 0.00	140.68 -3.03 0.00	120.76 -2.64 0.00	111.80 -2.22 0.00	116.43 -2.29 0.44	122.34 -2.49 1.94	137.15 -2.47 1.55	157.91 -3.03 4.65	177.09 -3.34 6.17	244.82 -5.00 10.71	181.34 -3.57 10.97	169.35 -3.25 1.49	151.90 -2.95 6.77	146.41 -2.72 6.51	148.80 -2.95 0.52	189.92 -3.13 0.00	148.90 -2.91 5.63	172.28 -3.06 0.00	175.19 -2.92 0.00	176.76 -2.87 0.00	150.55 -2.77 0.00	167.25 -3.05 0.00	138.70 -2.84 0.00	120.10 -2.72 0.00
TALLMAN__138KV_BK151 55660	154.28 4.51 0.00	148.45 4.08 -0.65	127.17 3.77 0.00	122.80 3.99 -4.78	128.03 3.67 -5.19	158.50 3.44 -28.30	152.80 3.83 -7.80	175.31 4.74 -4.98	201.60 4.94 -10.06	267.51 7.73 0.74	200.29 6.64 2.23	179.84 6.05 0.30	166.17 5.92 1.38	160.16 5.83 1.32	158.03 5.87 0.10	198.51 5.46 0.00	161.74 5.44 1.14	181.59 6.25 0.00	184.02 5.91 0.00	185.34 5.71 0.00	159.00 5.69 0.00	178.93 5.11 -3.53	153.61 4.64 -7.44	131.29 4.11 -4.36
TEALLAVE_115KV_TB7 355573	145.79 -3.98 0.00	139.82 -3.89 0.00	120.01 -3.39 0.00	110.91 -3.12 0.00	115.64 -3.10 0.43	121.55 -3.30 1.91	136.19 -3.46 1.53	156.92 -4.09 4.58	175.99 -4.54 6.08	243.36 -6.62 10.55	180.36 -4.71 10.81	168.35 -4.28 1.47	150.97 -3.99 6.67	145.47 -3.76 6.41	147.92 -3.84 0.51	188.71 -4.33 0.00	147.96 -3.93 5.54	171.10 -4.24 0.00	173.96 -4.15 0.00	175.61 -4.02 0.00	149.46 -3.85 0.00	166.02 -4.27 0.00	137.76 -3.78 0.00	119.27 -3.55 0.00
TELGRAPH_34_KV_EAST 80808	137.51 -12.26 0.00	132.24 -11.47 0.00	113.23 -10.18 0.00	103.57 -10.46 0.00	108.05 -10.67 0.45	112.31 -12.48 1.98	123.72 -15.87 1.59	142.39 -19.46 3.73	160.22 -21.27 5.11	220.30 -31.19 9.03	162.79 -22.57 10.51	152.20 -20.37 1.52	134.40 -20.30 6.92	129.51 -19.49 6.64	131.90 -19.84 0.53	171.80 -21.24 0.00	132.25 -19.44 5.73	183.90 -20.43 -28.99	173.60 -20.45 -15.93	161.96 -18.70 -1.03	135.22 -18.10 0.00	152.48 -17.86 -0.05	127.46 -14.09 -0.02	109.95 -12.87 0.00
TEMPLE___115KV_TB 2 55572	145.83 -3.93 0.00	139.82 -3.89 0.00	120.01 -3.39 0.00	110.92 -3.11 0.00	115.67 -3.04 0.46	121.45 -3.30 2.01	136.13 -3.44 1.61	156.70 -4.07 4.83	175.67 -4.52 6.40	242.83 -6.58 11.12	179.79 -4.69 11.39	168.32 -4.22 1.55	150.65 -3.94 7.03	145.14 -3.75 6.76	147.91 -3.82 0.54	188.71 -4.33 0.00	147.68 -3.91 5.84	171.15 -4.19 0.00	174.01 -4.10 0.00	175.61 -4.02 0.00	149.50 -3.82 0.00	166.08 -4.22 0.00	137.81 -3.73 0.00	119.33 -3.48 0.00
TIANA____69_KV_BK 1 55817	129.09 5.28 25.95	130.39 4.79 18.12	128.14 4.85 0.12	125.32 6.30 -5.00	130.06 5.46 -5.43	131.04 4.05 -0.23	141.02 5.53 5.69	169.77 5.44 1.25	199.14 6.26 -6.28	360.51 15.12 -84.86	215.74 12.78 -7.09	183.67 9.87 0.30	170.98 10.70 1.34	164.79 10.43 1.29	163.34 11.17 0.10	202.67 9.63 0.01	168.99 10.69 -0.87	186.33 10.51 -0.48	198.96 12.32 -8.52	192.53 12.89 0.00	167.48 11.75 -2.42	183.58 9.57 -3.71	208.61 8.32 -58.75	148.57 8.22 -17.54

TILDEN___115KV_TB1 80814	146.65 -3.12 0.00	140.68 -3.03 0.00	120.76 -2.64 0.00	111.80 -2.22 0.00	116.43 -2.29 0.44	122.34 -2.49 1.94	137.15 -2.47 1.55	157.91 -3.03 4.65	177.09 -3.34 6.17	244.82 -5.00 10.71	181.34 -3.57 10.97	169.35 -3.25 1.49	151.90 -2.95 6.77	146.41 -2.72 6.51	148.80 -2.95 0.52	189.92 -3.13 0.00	148.90 -2.91 5.63	172.28 -3.06 0.00	175.19 -2.92 0.00	176.76 -2.87 0.00	150.55 -2.77 0.00	167.25 -3.05 0.00	138.70 -2.84 0.00	120.10 -2.72 0.00
TRIGEN___CC 323695	150.48 4.54 3.83	145.68 4.24 2.27	127.60 4.22 0.02	124.02 5.01 -5.00	128.90 4.31 -5.43	154.99 3.25 -24.97	151.25 4.03 -6.04	173.11 3.98 -3.54	199.66 4.20 -8.86	267.46 7.54 0.60	200.82 7.11 2.16	180.20 6.40 0.29	167.13 6.85 1.34	160.91 6.54 1.28	159.04 6.87 0.10	199.21 6.16 0.00	163.37 7.05 1.11	182.58 7.45 0.21	185.56 7.45 0.00	186.64 7.01 0.00	160.44 7.12 0.00	179.86 5.86 -3.71	154.55 5.20 -7.82	132.12 4.71 -4.59
TRINITY___115KV___4 BK 55933	155.49 5.72 0.00	153.21 5.92 -3.58	128.60 5.19 0.00	145.19 5.00 -26.17	153.10 5.04 -28.89	288.55 4.79 -156.99	190.89 4.99 -44.72	203.57 5.33 -32.65	254.88 5.80 -62.48	277.36 8.90 -7.93	202.73 6.86 0.00	179.88 5.79 0.00	167.42 5.80 0.00	160.95 5.30 0.00	156.90 4.64 0.00	198.25 5.20 0.00	161.32 3.89 0.00	179.31 3.98 0.00	182.22 4.11 0.00	183.88 4.24 0.00	157.86 4.55 0.00	195.25 5.49 -19.47	188.02 5.43 -41.06	151.74 4.84 -24.08
UNION___PROCESSING_DRP 323587	141.89 -7.87 0.00	136.10 -7.61 0.00	116.73 -6.67 0.00	107.41 -6.62 0.00	111.99 -6.74 0.45	117.14 -7.65 1.98	130.35 -9.25 1.58	149.85 -11.13 4.61	168.06 -12.40 6.13	231.52 -18.34 10.67	171.44 -13.33 11.10	160.60 -11.98 1.52	142.91 -11.79 6.91	137.81 -11.20 6.64	140.17 -11.57 0.53	180.77 -12.27 0.00	140.57 -11.12 5.73	167.65 -11.52 -3.83	168.52 -11.70 -2.11	169.03 -10.74 -0.14	142.87 -10.44 0.00	159.62 -10.68 -0.01	132.62 -8.92 0.00	114.69 -8.12 0.00
UPPER HUDSON___HYD 24058	161.91 12.14 0.00	163.01 11.91 -7.39	133.68 10.28 0.00	177.58 9.55 -54.01	188.89 10.10 -59.63	461.72 10.94 -324.01	246.03 12.56 -92.30	248.15 15.18 -67.39	336.30 17.42 -132.28	301.49 23.59 -17.37	212.72 16.84 0.00	188.27 14.17 0.00	175.04 13.42 0.00	168.26 12.61 0.00	165.47 13.20 0.00	209.83 16.78 0.00	171.11 13.68 0.00	191.05 15.72 0.00	193.99 15.88 0.00	196.15 16.52 0.00	167.31 14.00 0.00	226.19 15.72 -40.18	238.83 12.54 -84.76	182.94 10.42 -49.71
UPPER RAQUET___HYD 24056	152.45 2.68 0.00	146.91 3.20 0.00	125.78 2.38 0.00	115.78 1.76 0.00	120.64 1.72 0.00	128.48 1.47 0.00	142.18 1.00 0.00	168.05 2.47 0.00	189.40 2.80 0.00	263.94 3.41 0.00	197.44 1.57 0.00	175.54 1.45 0.00	162.53 0.91 0.00	156.50 0.86 0.00	153.36 1.09 0.00	194.79 1.75 0.00	159.13 1.69 0.00	177.22 1.88 0.00	180.17 2.05 0.00	181.08 1.46 0.00	152.64 -0.67 0.00	169.16 -1.13 0.00	141.34 -0.19 0.00	123.98 1.16 0.00
VALLEY44_115KV_TB2 355964	142.63 -7.14 0.00	137.59 -6.12 0.00	117.98 -5.42 0.00	107.69 -6.33 0.00	112.79 -5.94 0.44	117.07 -7.76 1.94	130.15 -9.47 1.55	149.65 -11.28 4.65	169.26 -11.14 6.19	232.91 -16.87 10.75	172.05 -12.84 10.98	160.98 -11.62 1.49	143.49 -11.35 6.78	137.93 -11.21 6.51	139.88 -11.87 0.52	182.09 -10.95 0.00	139.92 -11.88 5.63	161.96 -13.38 0.00	165.00 -13.11 0.00	168.54 -11.09 0.00	141.44 -11.88 0.00	159.18 -11.12 0.00	132.71 -8.82 0.00	114.29 -8.53 0.00
VALLEY___115KV_TB 1-4 80826	155.46 5.69 0.00	149.37 5.66 0.00	128.19 4.79 0.00	118.75 4.72 0.00	124.25 5.08 0.00	132.81 6.05 0.00	148.39 7.21 0.00	174.44 8.85 0.00	196.30 9.70 0.00	273.32 12.79 0.00	204.84 8.97 0.00	181.26 7.17 0.00	168.52 6.90 0.00	161.57 5.93 0.00	158.89 6.61 0.00	202.89 9.84 0.00	165.58 8.14 0.00	184.25 8.91 0.00	187.02 8.91 0.00	188.96 9.33 0.00	161.60 8.29 0.00	179.96 9.66 0.00	149.30 7.76 0.00	129.23 6.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	159.15 9.38 0.00	153.68 8.98 -0.98	131.19 7.78 0.00	128.57 7.34 -7.20	134.88 7.98 -7.73	177.73 8.72 -42.24	162.76 10.06 -11.52	183.83 11.62 -6.63	214.10 13.07 -14.44	275.50 18.13 3.15	203.82 13.53 5.58	185.14 11.81 0.76	169.16 10.99 3.45	162.93 10.60 3.31	162.25 10.24 0.26	205.94 12.90 0.00	165.08 10.51 2.86	187.13 11.79 0.00	190.02 11.91 0.00	191.55 11.92 0.00	163.58 10.26 0.00	186.66 11.02 -5.34	161.71 8.91 -11.26	136.80 7.37 -6.61
VISCHER___FERRY HYD 24020	156.88 7.12 0.00	156.75 7.17 -5.87	129.66 6.26 0.00	162.83 5.92 -42.88	172.56 6.04 -47.35	390.13 6.09 -257.27	220.96 6.50 -73.29	226.73 7.63 -53.51	299.29 8.72 -103.97	286.32 12.31 -13.47	204.84 8.97 0.00	181.63 7.54 0.00	169.06 7.44 0.00	162.73 7.09 0.00	159.36 7.09 0.00	201.42 8.37 0.00	164.19 6.76 0.00	182.42 7.07 0.00	185.28 7.17 0.00	187.35 7.72 0.00	160.41 7.09 0.00	210.53 8.32 -31.90	215.70 6.86 -67.30	168.14 5.86 -39.47
V_A_10_SYNC_DSASP 323832	137.10 -12.67 0.00	131.46 -12.25 0.00	112.83 -10.58 0.00	103.60 -10.42 0.00	107.96 -10.75 0.46	112.15 -12.61 2.02	123.91 -15.65 1.62	141.26 -19.33 5.00	158.35 -21.63 6.61	217.38 -31.69 11.46	161.19 -23.15 11.53	151.89 -20.65 1.55	134.64 -19.93 7.05	129.74 -19.13 6.77	132.18 -19.55 0.54	171.55 -21.50 0.00	132.05 -19.53 5.85	149.62 -20.96 4.76	154.46 -21.03 2.62	160.04 -19.42 0.17	135.08 -18.23 0.00	152.02 -18.27 0.01	126.82 -14.71 0.00	109.85 -12.97 0.00
V_CMM_10_SYNC_DSASP 323787	149.98 0.21 0.00	143.74 0.03 0.00	123.34 -0.06 0.00	113.88 -0.14 0.00	119.38 0.21 0.00	127.03 0.27 0.00	141.17 0.00 0.00	165.88 0.30 0.00	186.89 0.29 0.00	260.71 0.18 0.00	195.57 -0.30 0.00	173.99 -0.10 0.00	161.18 -0.44 0.00	155.23 -0.42 0.00	151.97 -0.30 0.00	193.14 0.10 0.00	157.84 0.41 0.00	175.69 0.35 0.00	178.63 0.52 0.00	179.91 0.28 0.00	153.15 -0.16 0.00	170.06 -0.24 0.00	141.39 -0.15 0.00	123.02 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	152.85 3.08 0.00	146.56 2.85 0.00	125.75 2.35 0.00	115.88 1.86 0.00	120.61 1.44 0.00	129.27 2.51 0.00	143.96 2.78 0.00	169.32 3.74 0.00	191.23 4.63 0.00	266.43 5.90 0.00	199.82 3.95 0.00	177.52 3.42 0.00	164.12 2.50 0.00	158.37 2.72 0.00	154.83 2.56 0.00	196.87 3.82 0.00	160.15 2.71 0.00	178.01 2.67 0.00	181.99 3.88 0.00	183.42 3.79 0.00	156.00 2.69 0.00	173.77 3.47 0.00	143.72 2.18 0.00	124.58 1.76 0.00
V_D_10_SYNC_DSASP 323841	152.59 2.82 0.00	146.47 2.76 0.00	125.65 2.24 0.00	115.88 1.85 0.00	120.89 1.72 0.00	129.20 2.43 0.00	143.25 2.08 0.00	168.84 3.25 0.00	190.23 3.64 0.00	265.22 4.69 0.00	198.36 2.48 0.00	176.51 2.42 0.00	163.47 1.85 0.00	157.41 1.76 0.00	154.11 1.84 0.00	196.06 3.02 0.00	160.71 3.28 0.00	178.84 3.51 0.00	181.75 3.64 0.00	183.07 3.44 0.00	155.20 1.89 0.00	172.30 2.00 0.00	143.35 1.82 0.00	125.21 2.40 0.00
V_E_10_SYNC_DSASP 323830	155.60 5.84 0.00	147.63 3.46 -0.46	127.45 4.05 0.00	121.95 4.57 -3.36	129.48 6.96 -3.35	154.11 8.75 -18.59	157.40 11.73 -4.49	180.29 14.26 -0.44	205.95 16.17 -3.18	273.73 20.79 7.59	201.73 14.73 8.87	186.06 13.17 1.20	168.76 12.61 5.47	162.66 12.27 5.26	163.31 11.46 0.42	206.52 13.48 0.00	164.73 11.84 4.55	190.68 15.34 0.00	193.86 15.75 0.00	195.43 15.80 0.00	167.04 13.73 0.00	187.86 15.10 -2.47	158.19 11.46 -5.20	134.55 8.68 -3.05

V_F_30_NSYNC___DSASP 323816	159.21 9.45 0.00	160.24 9.33 -7.20	131.50 8.10 0.00	174.24 7.59 -52.62	185.22 7.95 -58.09	450.82 8.36 -315.68	240.54 9.43 -89.93	242.45 11.20 -65.66	327.92 12.61 -128.71	294.77 17.36 -16.87	208.48 12.61 0.00	184.61 10.52 0.00	171.60 9.98 0.00	165.16 9.51 0.00	162.13 9.86 0.00	205.47 12.43 0.00	167.65 10.22 0.00	186.71 11.37 0.00	189.54 11.43 0.00	191.56 11.93 0.00	163.60 10.29 0.00	221.16 11.71 -39.15	233.50 9.39 -82.58	179.17 7.93 -48.43
V_F_30_SYNC_DSASP 323786	156.34 6.57 0.00	154.36 6.71 -3.94	129.30 5.89 0.00	148.50 5.64 -28.84	156.76 5.75 -31.84	305.31 5.53 -173.01	196.29 5.83 -49.29	207.87 6.30 -35.98	262.62 6.80 -69.22	279.93 10.55 -8.85	204.02 8.15 0.00	181.00 6.91 0.00	168.42 6.80 0.00	161.89 6.24 0.00	157.80 5.53 0.00	199.39 6.34 0.00	162.21 4.78 0.00	180.41 5.07 0.00	183.29 5.17 0.00	184.89 5.26 0.00	158.71 5.39 0.00	198.18 6.43 -21.45	193.06 6.27 -45.25	154.92 5.57 -26.54
V_XM_10_SYNC_DSASP 323789	152.85 3.08 0.00	146.56 2.85 0.00	125.75 2.35 0.00	115.88 1.86 0.00	120.61 1.44 0.00	129.27 2.51 0.00	143.96 2.78 0.00	169.32 3.74 0.00	191.23 4.63 0.00	266.43 5.90 0.00	199.82 3.95 0.00	177.52 3.42 0.00	164.12 2.50 0.00	158.37 2.72 0.00	154.83 2.56 0.00	196.87 3.82 0.00	160.15 2.71 0.00	178.01 2.67 0.00	181.99 3.88 0.00	183.42 3.79 0.00	156.00 2.69 0.00	173.77 3.47 0.00	143.72 2.18 0.00	124.58 1.76 0.00
W.BABYLN_69_KV_BK1 56697	132.09 4.94 22.61	132.43 4.41 15.69	128.04 4.74 0.10	124.96 5.94 -5.00	129.68 5.08 -5.43	134.19 3.40 -4.02	141.87 4.58 3.89	169.48 4.55 0.66	196.94 5.25 -5.10	275.84 9.19 -6.12	202.73 8.18 1.32	181.08 7.28 0.30	168.03 7.75 1.34	161.82 7.46 1.29	160.13 7.96 0.10	200.37 7.33 0.01	165.01 8.49 0.91	183.22 8.93 1.04	188.17 9.41 -0.65	188.65 9.02 0.00	162.05 8.55 -0.18	180.96 6.95 -3.71	159.36 6.10 -11.73	133.87 5.48 -5.58
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	154.73 4.97 0.00	148.90 4.53 -0.66	127.56 4.15 0.00	123.19 4.34 -4.83	128.43 4.02 -5.24	159.18 3.85 -28.56	153.67 4.53 -7.96	176.34 5.65 -5.11	202.93 6.04 -10.30	268.99 9.15 0.69	201.39 7.72 2.20	180.80 7.01 0.30	167.06 6.80 1.36	161.04 6.70 1.31	158.89 6.72 0.10	199.65 6.61 0.00	162.62 6.32 1.13	182.57 7.23 0.00	185.03 6.92 0.00	186.21 6.58 0.00	159.86 6.55 0.00	180.00 6.11 -3.60	154.50 5.39 -7.58	131.96 4.70 -4.45
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	156.29 6.52 0.00	150.33 5.94 -0.68	128.66 5.25 0.00	124.39 5.37 -4.99	129.76 5.16 -5.43	161.43 5.10 -29.57	155.34 5.93 -8.23	178.37 7.47 -5.31	205.20 7.93 -10.68	271.81 11.89 0.61	203.66 9.95 2.16	182.77 8.97 0.30	169.07 8.79 1.34	162.88 8.52 1.29	160.78 8.61 0.10	201.83 8.79 0.00	164.52 8.20 1.11	184.51 9.18 0.00	186.78 8.67 0.00	187.68 8.04 0.00	161.28 7.96 0.00	181.67 7.66 -3.71	156.10 6.74 -7.82	133.36 5.95 -4.59
W50THST__13_KV_LOAD 356117	157.24 7.47 0.00	151.23 6.84 -0.68	129.47 6.06 0.00	125.12 6.10 -4.99	130.51 5.92 -5.43	162.27 5.94 -29.57	156.38 6.98 -8.23	179.65 8.75 -5.31	206.74 9.47 -10.68	274.10 14.18 0.61	205.43 11.72 2.16	184.30 10.50 0.30	170.46 10.17 1.34	164.20 9.84 1.29	162.03 9.86 0.10	203.44 10.40 0.00	165.84 9.51 1.11	185.92 10.58 0.00	188.10 9.99 0.00	188.92 9.29 0.00	162.34 9.02 0.00	182.87 8.87 -3.71	157.10 7.74 -7.82	134.22 6.82 -4.59
WADING RIVER_IC_1 23522	128.46 4.67 25.97	129.77 4.19 18.13	127.75 4.46 0.12	124.81 5.79 -5.00	129.54 4.94 -5.43	130.24 3.26 -0.21	140.21 4.73 5.69	168.69 4.36 1.26	198.07 5.18 -6.29	356.99 11.29 -85.17	212.41 9.42 -7.13	180.55 6.75 0.30	168.66 8.38 1.34	162.69 8.33 1.29	161.26 9.09 0.10	200.52 7.48 0.01	167.17 8.86 -0.88	183.94 8.11 -0.49	196.91 10.24 -8.56	189.98 10.35 0.00	165.17 9.43 -2.42	181.55 7.54 -3.71	207.15 6.68 -58.94	146.93 6.53 -17.58
WADING RIVER_IC_2 23547	128.46 4.67 25.97	129.77 4.19 18.13	127.75 4.46 0.12	124.81 5.79 -5.00	129.54 4.94 -5.43	130.24 3.26 -0.21	140.21 4.73 5.69	168.69 4.36 1.26	198.07 5.18 -6.29	356.99 11.29 -85.17	212.41 9.42 -7.13	180.55 6.75 0.30	168.66 8.38 1.34	162.69 8.33 1.29	161.26 9.09 0.10	200.52 7.48 0.01	167.17 8.86 -0.88	183.94 8.11 -0.49	196.91 10.24 -8.56	189.98 10.35 0.00	165.17 9.43 -2.42	181.55 7.54 -3.71	207.15 6.68 -58.94	146.93 6.53 -17.58
WADING RIVER_IC_3 23601	128.46 4.67 25.97	129.77 4.19 18.13	127.75 4.46 0.12	124.81 5.79 -5.00	129.54 4.94 -5.43	130.24 3.26 -0.21	140.21 4.73 5.69	168.69 4.36 1.26	198.07 5.18 -6.29	356.99 11.29 -85.17	212.41 9.42 -7.13	180.55 6.75 0.30	168.66 8.38 1.34	162.69 8.33 1.29	161.26 9.09 0.10	200.52 7.48 0.01	167.17 8.86 -0.88	183.94 8.11 -0.49	196.91 10.24 -8.56	189.98 10.35 0.00	165.17 9.43 -2.42	181.55 7.54 -3.71	207.15 6.68 -58.94	146.93 6.53 -17.58
WALDENNY_12_KV_BK2 80841	139.84 -9.92 0.00	134.66 -9.05 0.00	115.24 -8.16 0.00	105.22 -8.80 0.00	109.94 -8.78 0.45	114.25 -10.55 1.97	126.10 -13.50 1.58	144.35 -16.64 4.59	162.71 -17.76 6.12	223.61 -26.26 10.65	165.93 -18.89 11.05	155.43 -17.15 1.51	137.79 -16.95 6.87	132.72 -16.32 6.61	134.78 -16.96 0.53	175.64 -17.40 0.00	134.94 -16.78 5.71	161.13 -17.72 -3.52	162.45 -17.60 -1.93	164.39 -15.36 -0.12	137.65 -15.66 0.00	154.83 -15.48 0.00	129.41 -12.13 0.00	111.66 -11.15 0.00
WALDEN___HYDRO 24148	155.36 5.59 0.00	149.53 5.14 -0.68	128.06 4.65 0.00	123.70 4.73 -4.95	129.08 4.54 -5.38	160.48 4.39 -29.32	154.41 5.09 -8.15	177.14 6.31 -5.24	203.96 6.82 -10.54	269.89 10.03 0.67	201.84 8.18 2.21	181.18 7.39 0.30	167.47 7.22 1.36	161.38 7.05 1.31	159.24 7.07 0.10	200.27 7.22 0.00	163.04 6.74 1.13	183.09 7.75 0.00	185.61 7.50 0.00	186.88 7.25 0.00	160.37 7.06 0.00	180.77 6.79 -3.68	155.11 5.82 -7.76	132.39 5.03 -4.55
WARRENSBURG____ 23737	161.88 12.12 0.00	163.01 11.91 -7.39	133.69 10.28 0.00	177.60 9.57 -54.01	188.89 10.10 -59.63	461.72 10.94 -324.01	246.04 12.56 -92.30	248.17 15.20 -67.39	336.30 17.42 -132.28	301.49 23.59 -17.37	212.72 16.85 0.00	188.30 14.21 0.00	175.04 13.42 0.00	168.26 12.61 0.00	165.47 13.20 0.00	209.83 16.78 0.00	171.13 13.70 0.00	191.06 15.72 0.00	193.99 15.88 0.00	196.16 16.53 0.00	167.31 14.00 0.00	226.20 15.72 -40.18	238.83 12.53 -84.76	182.95 10.43 -49.71
WATERSIDE___6 8 9 23538	155.75 5.99 0.00	150.03 5.64 -0.68	128.46 5.06 0.00	124.15 5.14 -4.99	129.50 4.90 -5.43	161.04 4.69 -29.57	154.90 5.50 -8.23	177.81 6.91 -5.32	204.69 7.41 -10.68	271.05 11.13 0.61	203.33 9.63 2.16	182.61 8.81 0.30	169.02 8.74 1.34	162.82 8.46 1.29	160.74 8.57 0.10	201.64 8.59 0.00	164.32 7.99 1.11	184.37 9.03 0.00	186.40 8.29 0.00	187.25 7.63 0.00	161.12 7.80 0.00	181.30 7.29 -3.71	156.16 6.80 -7.82	133.51 6.10 -4.59
WATKINRD_115KV_LN8_ILLION 55919	154.12 4.36 0.00	148.02 4.31 0.00	127.04 3.64 0.00	117.62 3.59 0.00	123.05 3.87 0.00	131.23 4.46 0.00	146.51 5.33 0.00	172.06 6.48 0.00	193.69 7.09 0.00	269.87 9.35 0.00	202.46 6.58 0.00	179.33 5.24 0.00	166.64 5.02 0.00	160.00 4.36 0.00	157.05 4.78 0.00	200.14 7.09 0.00	163.24 5.80 0.00	181.84 6.50 0.00	184.63 6.52 0.00	186.41 6.78 0.00	159.34 6.03 0.00	177.32 7.02 0.00	147.17 5.64 0.00	127.42 4.60 0.00

WDELAWARE___HYD 323627	153.18 3.42 0.00	147.43 3.01 -0.71	126.25 2.85 0.00	122.20 2.98 -5.21	127.73 2.90 -5.66	160.37 2.77 -30.83	153.23 3.48 -8.57	175.63 4.52 -5.53	202.40 4.72 -11.08	266.82 6.96 0.66	199.20 5.61 2.28	178.95 5.17 0.31	165.28 5.07 1.41	159.27 4.98 1.35	157.29 5.12 0.11	197.94 4.89 0.00	161.16 4.89 1.17	181.20 5.87 0.00	183.64 5.53 0.00	184.92 5.30 0.00	158.55 5.23 0.00	178.85 4.69 -3.87	153.54 3.85 -8.16	130.73 3.13 -4.78
WEST BABYLON___IC 23714	132.09 4.94 22.61	132.43 4.41 15.69	128.04 4.74 0.10	124.96 5.94 -5.00	129.68 5.08 -5.43	134.19 3.40 -4.02	141.87 4.58 3.89	169.48 4.55 0.66	196.94 5.25 -5.10	275.84 9.19 -6.12	202.73 8.18 1.32	181.08 7.28 0.30	168.03 7.75 1.34	161.82 7.46 1.29	160.13 7.96 0.10	200.37 7.33 0.01	165.01 8.49 0.91	183.22 8.93 1.04	188.17 9.41 -0.65	188.65 9.02 0.00	162.05 8.55 -0.18	180.96 6.95 -3.71	159.36 6.10 -11.73	133.87 5.48 -5.58
WEST CANADA___HYD 24049	150.34 0.58 0.00	144.30 0.59 0.00	123.91 0.51 0.00	114.58 0.55 0.00	119.77 0.60 0.00	127.38 0.61 0.00	141.88 0.71 0.00	166.42 0.83 0.00	187.54 0.94 0.00	261.84 1.31 0.00	196.89 1.02 0.00	174.84 0.74 0.00	162.43 0.81 0.00	156.43 0.78 0.00	153.05 0.78 0.00	194.00 0.96 0.00	158.07 0.63 0.00	175.99 0.65 0.00	178.75 0.64 0.00	180.18 0.55 0.00	153.87 0.56 0.00	170.98 0.68 0.00	142.12 0.59 0.00	123.30 0.48 0.00
WESTERN_NY_WIND 24143	138.95 -10.82 0.00	133.52 -10.19 0.00	114.34 -9.07 0.00	104.75 -9.27 0.00	109.35 -9.37 0.45	114.03 -10.76 1.98	126.13 -13.46 1.59	145.45 -16.27 3.87	163.47 -17.86 5.27	224.75 -26.48 9.29	166.10 -19.17 10.61	155.09 -17.49 1.52	136.75 -17.95 6.91	131.79 -17.22 6.64	134.35 -17.39 0.53	174.92 -18.13 0.00	135.31 -16.39 5.73	183.55 -16.77 -24.98	174.97 -16.87 -13.73	165.15 -15.36 -0.88	138.18 -15.13 0.00	155.22 -15.12 -0.04	129.34 -12.21 -0.01	111.47 -11.35 0.00
WESTOVER___LESR 323668	148.30 -1.46 0.00	142.43 -1.59 -0.31	121.96 -1.44 0.00	114.86 -1.44 -2.28	120.26 -1.03 -2.13	137.38 -1.34 -11.95	142.64 -1.05 -2.51	162.61 -1.66 1.31	184.69 -1.89 0.01	248.58 -3.08 8.87	184.12 -1.94 9.82	171.05 -1.71 1.33	154.13 -1.43 6.06	148.35 -1.47 5.82	150.18 -1.62 0.47	191.73 -1.31 0.00	150.74 -1.66 5.03	173.75 -1.59 0.00	176.84 -1.27 0.00	178.57 -1.06 0.00	151.89 -1.42 0.00	170.55 -1.40 -1.66	143.64 -1.39 -3.50	123.33 -1.54 -2.05
WETHRSFD_WT_PWR 323626	130.80 -12.04 6.92	132.27 -11.44 0.00	113.46 -9.94 0.00	103.60 -10.01 0.42	102.29 -9.27 7.61	87.70 -10.73 28.34	122.62 -13.00 5.56	117.88 -16.18 31.52	145.41 -17.93 23.25	206.23 -25.91 28.39	148.52 -18.29 29.06	137.54 -16.98 19.56	123.66 -16.48 21.47	120.87 -16.58 18.19	131.31 -17.06 3.90	130.57 -17.82 44.65	135.08 -16.74 5.61	156.02 -17.75 1.57	139.75 -16.94 21.43	114.81 -15.17 49.64	131.00 -16.08 6.23	121.56 -16.13 32.61	108.58 -12.93 20.03	95.57 -11.95 15.29
WHAVSTOR_138KV_BK127 55557	154.01 4.24 0.00	148.24 3.87 -0.66	126.99 3.59 0.00	122.66 3.81 -4.83	127.92 3.50 -5.25	158.62 3.24 -28.61	152.97 3.82 -7.98	175.43 4.72 -5.12	201.88 4.96 -10.33	267.53 7.68 0.68	200.28 6.61 2.20	179.77 5.98 0.30	166.17 5.91 1.36	160.15 5.81 1.30	158.00 5.84 0.10	198.50 5.45 0.00	161.64 5.34 1.13	181.50 6.16 0.00	183.92 5.80 0.00	185.09 5.45 0.00	158.95 5.64 0.00	179.03 5.13 -3.60	153.72 4.58 -7.60	131.36 4.08 -4.46
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	154.01 4.24 0.00	148.24 3.87 -0.66	126.99 3.59 0.00	122.66 3.81 -4.83	127.92 3.50 -5.25	158.62 3.24 -28.61	152.97 3.82 -7.98	175.43 4.72 -5.12	201.88 4.96 -10.33	267.53 7.68 0.68	200.28 6.61 2.20	179.77 5.98 0.30	166.17 5.91 1.36	160.15 5.81 1.30	158.00 5.84 0.10	198.50 5.45 0.00	161.64 5.34 1.13	181.50 6.16 0.00	183.92 5.80 0.00	185.09 5.45 0.00	158.95 5.64 0.00	179.03 5.13 -3.60	153.72 4.58 -7.60	131.36 4.08 -4.46
WHITEHAL_115KV_TB1 80871	165.02 15.25 0.00	166.27 15.26 -7.29	136.46 13.06 0.00	179.33 11.97 -53.34	190.66 12.60 -58.89	460.89 14.15 -319.98	248.81 16.49 -91.15	252.38 20.25 -66.55	341.34 24.19 -130.55	309.70 32.04 -17.13	217.75 21.88 0.00	192.67 18.58 0.00	179.82 18.20 0.00	173.36 17.71 0.00	171.39 19.12 0.00	216.57 23.53 0.00	176.34 18.91 0.00	198.00 22.66 0.00	201.27 23.15 0.00	204.40 24.77 0.00	173.83 20.52 0.00	233.55 23.57 -39.68	242.83 17.59 -83.70	186.16 14.25 -49.09
WHITEPLN_13_KV_LOAD 356215	156.98 7.21 0.00	151.05 6.66 -0.68	129.33 5.93 0.00	124.98 5.97 -4.98	130.38 5.80 -5.42	162.03 5.75 -29.51	156.08 6.70 -8.21	179.18 8.30 -5.30	206.29 9.04 -10.66	273.35 13.44 0.61	204.74 11.03 2.17	183.64 9.84 0.30	169.85 9.57 1.34	163.79 9.43 1.29	161.53 9.36 0.10	202.91 9.86 0.00	165.35 9.02 1.11	185.57 10.24 0.00	188.00 9.89 0.00	189.13 9.50 0.00	162.34 9.03 0.00	182.79 8.79 -3.70	156.88 7.54 -7.81	133.88 6.48 -4.58
WM_FLOYD_69_KV_BK2 356380	128.48 4.62 25.90	129.79 4.16 18.08	127.61 4.33 0.12	124.76 5.74 -5.00	129.41 4.81 -5.43	130.29 3.23 -0.30	140.02 4.50 5.66	168.54 4.20 1.24	197.70 4.88 -6.23	354.45 9.96 -83.96	211.23 8.38 -6.98	180.43 6.63 0.30	168.02 7.75 1.34	162.00 7.65 1.29	160.46 8.29 0.10	199.87 6.83 0.01	166.64 8.36 -0.85	183.87 8.07 -0.47	196.08 9.53 -8.44	189.07 9.44 0.00	164.43 8.72 -2.39	180.89 6.89 -3.71	205.97 6.20 -58.24	146.24 6.02 -17.41
WOODARD___115KV_TB2 355635	145.75 -4.02 0.00	139.77 -3.94 0.00	119.95 -3.45 0.00	110.82 -3.20 0.00	115.71 -3.14 0.32	121.97 -3.37 1.42	136.46 -3.58 1.14	157.94 -4.23 3.41	177.35 -4.71 4.53	245.90 -6.76 7.87	182.96 -4.85 8.06	168.66 -4.34 1.09	152.54 -4.11 4.97	146.97 -3.89 4.78	147.96 -3.93 0.38	188.52 -4.52 0.00	149.34 -3.96 4.13	171.05 -4.29 0.00	173.88 -4.24 0.00	175.46 -4.17 0.00	149.40 -3.92 0.00	165.90 -4.40 0.00	137.69 -3.85 0.00	119.24 -3.58 0.00
WOODMERE_69_KV_BK1 55827	156.20 6.44 0.00	150.41 6.01 -0.68	129.16 5.76 0.00	125.44 6.42 -5.00	130.42 5.82 -5.43	161.15 4.81 -29.58	155.35 5.94 -8.23	176.04 6.05 -4.40	202.93 6.59 -9.74	270.90 10.97 0.60	203.51 9.81 2.16	182.56 8.76 0.29	169.44 9.16 1.34	163.10 8.73 1.28	161.19 9.02 0.10	201.97 8.93 0.00	165.74 9.41 1.11	185.51 10.17 0.00	188.44 10.33 0.00	189.59 9.96 0.00	162.84 9.52 0.00	182.33 8.33 -3.71	156.58 7.22 -7.82	133.79 6.38 -4.59
YORK___WARBASSE 23770	155.67 5.90 0.00	149.97 5.58 -0.68	128.56 5.16 0.00	124.22 5.20 -4.99	129.52 4.92 -5.43	160.92 4.57 -29.57	154.87 5.46 -8.23	177.87 6.97 -5.32	204.72 7.45 -10.68	271.21 11.29 0.61	203.68 9.97 2.16	183.15 9.35 0.30	169.56 9.28 1.34	163.31 8.95 1.29	161.24 9.07 0.10	202.00 8.96 0.00	164.45 8.13 1.11	184.67 9.33 0.00	186.76 8.65 0.00	187.64 8.01 0.00	161.60 8.28 0.00	181.59 7.58 -3.71	156.72 7.35 -7.82	133.89 6.49 -4.59