

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/25/2025

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	159.59	152.48	148.75	148.13	152.26	160.76	175.37	192.95	179.90	159.89	131.88	117.67	113.65	112.74	118.37	126.19	140.22	155.90	154.18	142.04	141.84	123.99	122.39	127.62
	8.37	9.68	9.88	10.59	10.75	11.08	10.65	10.69	12.20	10.41	8.53	7.46	7.35	7.16	7.17	7.09	7.38	7.58	7.67	6.87	6.36	5.92	5.64	5.20
	-53.87	-26.09	-16.88	0.00	0.00	0.00	-31.69	-51.93	-30.55	-39.92	-23.01	-22.41	-18.76	-18.30	-23.76	-31.48	-45.03	-60.15	-58.25	-53.36	-58.79	-44.96	-44.45	-50.27
74TH STREET_GT_1 24260	159.99	152.72	149.12	148.40	152.55	161.21	175.77	193.22	180.18	159.90	131.89	117.68	113.65	112.74	118.37	126.20	140.23	156.00	154.20	141.97	141.85	124.00	122.46	127.70
	8.76	9.92	10.25	10.87	11.04	11.53	11.04	10.95	12.48	10.41	8.53	7.46	7.35	7.16	7.17	7.10	7.38	7.67	7.68	6.79	6.37	5.92	5.71	5.27
	-53.88	-26.09	-16.88	0.00	0.00	0.00	-31.70	-51.94	-30.55	-39.93	-23.01	-22.42	-18.77	-18.31	-23.77	-31.48	-45.04	-60.16	-58.26	-53.37	-58.80	-44.97	-44.46	-50.28
74TH STREET_GT_2 24261	159.99	152.72	149.12	148.40	152.55	161.21	175.77	193.22	180.18	159.90	131.89	117.68	113.65	112.74	118.37	126.20	140.23	156.00	154.20	141.97	141.85	124.00	122.46	127.70
	8.76	9.92	10.25	10.87	11.04	11.53	11.04	10.95	12.48	10.41	8.53	7.46	7.35	7.16	7.17	7.10	7.38	7.67	7.68	6.79	6.37	5.92	5.71	5.27
	-53.88	-26.09	-16.88	0.00	0.00	0.00	-31.70	-51.94	-30.55	-39.93	-23.01	-22.42	-18.77	-18.31	-23.77	-31.48	-45.04	-60.16	-58.26	-53.37	-58.80	-44.97	-44.46	-50.28
ADK HUDSON___FALLS 24011	174.63	160.47	154.99	150.47	154.82	164.05	186.17	208.73	237.67	170.53	138.50	123.79	118.81	117.87	125.01	172.70	236.60	392.06	352.62	324.38	241.41	261.49	218.52	142.26
	9.35	10.85	11.71	12.93	13.30	14.37	13.17	12.90	13.71	10.63	9.13	7.73	7.62	7.51	7.61	8.06	8.69	8.73	8.65	7.77	7.29	7.02	6.87	6.71
	-67.94	-32.90	-21.29	0.00	0.00	0.00	-39.97	-65.49	-86.81	-50.35	-29.01	-28.27	-23.67	-23.09	-29.97	-77.02	-140.09	-295.17	-255.71	-234.80	-157.44	-181.37	-139.36	-63.40
ADK RESOURCE___RCVRY 23798	175.29	161.20	155.87	151.42	155.66	164.95	187.29	209.71	239.31	171.35	139.24	124.34	119.36	118.33	125.48	173.55	238.11	394.91	355.09	326.90	242.80	263.27	219.86	142.70
	9.93	11.56	12.57	13.89	14.15	15.27	14.24	13.81	14.82	11.39	9.84	8.25	8.14	7.94	8.04	8.50	9.30	9.25	9.18	8.51	7.74	7.46	7.30	7.08
	-68.01	-32.93	-21.31	0.00	0.00	0.00	-40.01	-65.56	-87.34	-50.40	-29.04	-28.30	-23.69	-23.11	-30.00	-77.44	-141.00	-297.49	-257.65	-236.59	-158.37	-182.70	-140.27	-63.47
ADK S GLENS___FALLS 24028	174.63	160.47	154.99	150.47	154.82	164.05	186.17	208.73	237.67	170.53	138.50	123.79	118.81	117.87	125.01	172.70	236.60	392.06	352.62	324.38	241.41	261.49	218.52	142.26
	9.35	10.85	11.71	12.93	13.30	14.37	13.17	12.90	13.71	10.63	9.13	7.73	7.62	7.51	7.61	8.06	8.69	8.73	8.65	7.77	7.29	7.02	6.87	6.71
	-67.94	-32.90	-21.29	0.00	0.00	0.00	-39.97	-65.49	-86.81	-50.35	-29.01	-28.27	-23.67	-23.09	-29.97	-77.02	-140.09	-295.17	-255.71	-234.80	-157.44	-181.37	-139.36	-63.40
ADK_NYS___DAM 23527	169.89	156.86	151.19	147.02	151.27	160.46	181.04	202.38	215.88	165.47	135.57	121.56	116.74	115.91	122.64	157.31	204.44	314.03	287.15	264.29	209.19	216.18	187.41	138.72
	7.01	8.41	8.66	9.48	9.76	10.78	9.45	8.87	9.33	7.34	7.23	6.50	6.39	6.37	6.30	6.48	6.24	6.35	6.44	5.81	5.37	5.19	5.42	5.41
	-65.53	-31.74	-20.54	0.00	0.00	0.00	-38.56	-63.18	-69.40	-48.57	-27.99	-27.27	-22.83	-22.27	-28.91	-63.21	-110.40	-219.52	-192.46	-176.67	-127.13	-137.88	-109.69	-61.15
AIR_PRODUCTS___DRP 24190	166.42	152.53	146.63	142.35	146.04	154.47	175.85	197.51	200.29	161.91	132.15	118.58	113.94	113.11	119.86	145.88	182.97	262.28	243.58	224.21	188.17	185.98	166.11	136.05
	3.31	3.97	4.03	4.81	4.53	4.79	4.12	3.78	4.39	3.62	3.71	3.42	3.50	3.49	3.41	3.24	3.16	3.17	3.18	2.78	2.68	2.56	2.53	2.53
	-65.77	-31.85	-20.61	0.00	0.00	0.00	-38.69	-63.40	-58.75	-48.74	-28.09	-27.36	-22.91	-22.35	-29.01	-55.02	-92.00	-170.94	-152.14	-139.63	-108.80	-110.32	-91.29	-61.37
AKWESSNE_115KV_BK 355683	95.11	114.61	119.92	135.75	139.96	147.88	130.91	129.03	135.64	107.59	99.15	86.39	86.48	86.14	86.30	86.21	86.40	86.13	86.49	80.58	75.38	72.01	71.14	71.29
	-2.24	-2.10	-2.07	-1.79	-1.56	-1.80	-2.13	-1.30	-1.51	-1.97	-1.20	-1.40	-1.05	-1.13	-1.14	-1.40	-1.40	-2.03	-1.77	-1.23	-1.30	-1.10	-1.16	-0.87
	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	166.92	153.95	148.46	144.82	148.73	157.31	177.43	198.49	194.04	162.04	132.16	118.37	113.71	112.90	119.78	140.31	170.67	229.28	216.18	199.20	175.50	167.29	153.69	135.91
	4.96	5.95	6.22	7.28	7.21	7.63	6.39	5.87	6.03	4.60	4.21	3.69	3.68	3.66	3.84	3.95	4.30	4.32	4.32	4.01	3.76	3.51	3.54	3.46
	-64.61	-31.29	-20.25	0.00	0.00	0.00	-38.01	-62.29	-50.86	-47.89	-27.59	-26.88	-22.51	-21.96	-28.50	-48.75	-78.56	-136.80	-123.59	-113.39	-95.05	-90.68	-77.86	-60.30
ALBANY_2_SOLAR 323834	166.93	153.84	148.46	144.82	148.73	157.31	177.44	198.36	193.90	161.94	132.06	118.37	113.71	112.90	119.70	140.31	170.65	229.23	216.14	199.17	175.41	167.27	153.68	135.92
	4.96	5.83	6.22	7.28	7.21	7.63	6.39	5.73	5.89	4.49	4.12	3.69	3.68	3.66	3.76	3.95	4.30	4.32	4.32	4.01	3.68	3.51	3.54	3.46
	-64.62	-31.29	-20.25	0.00	0.00	0.00	-38.02	-62.29	-50.86	-47.89	-27.60	-26.88	-22.51	-21.96	-28.51	-48.75	-78.54	-136.75	-123.56	-113.36	-95.04	-90.65	-77.84	-60.30
ALBANY___1 23571	166.42	152.53	146.63	142.35	146.04	154.47	175.85	197.51	200.29	161.91	132.15	118.58	113.94	113.11	119.86	145.88	182.97	262.28	243.58	224.21	188.17	185.98	166.11	136.05
	3.31	3.97	4.03	4.81	4.53	4.79	4.12	3.78	4.39	3.62	3.71	3.42	3.50	3.49	3.41	3.24	3.16	3.17	3.18	2.78	2.68	2.56	2.53	2.53
	-65.77	-31.85	-20.61	0.00	0.00	0.00	-38.69	-63.40	-58.75	-48.74	-28.09	-27.36	-22.91	-22.35	-29.01	-55.02	-92.00	-170.94	-152.14	-139.63	-108.80	-110.32	-91.29	-61.37

ALBANY___2 23572	166.42 3.31 -65.77	152.53 3.97 -31.85	146.63 4.03 -20.61	142.35 4.81 0.00	146.04 4.53 0.00	154.47 4.79 0.00	175.85 4.12 -38.69	197.51 3.78 -63.40	200.29 4.39 -58.75	161.91 3.62 -48.74	132.15 3.71 -28.09	118.58 3.42 -27.36	113.94 3.50 -22.91	113.11 3.49 -22.35	119.86 3.41 -29.01	145.88 3.24 -55.02	182.97 3.16 -92.00	262.28 3.17 -170.94	243.58 3.18 -152.14	224.21 2.78 -139.63	188.17 2.68 -108.80	185.98 2.56 -110.32	166.11 2.53 -91.29	136.05 2.53 -61.37
ALBANY___3 23573	166.42 3.31 -65.77	152.53 3.97 -31.85	146.63 4.03 -20.61	142.35 4.81 0.00	146.04 4.53 0.00	154.47 4.79 0.00	175.85 4.12 -38.69	197.51 3.78 -63.40	200.29 4.39 -58.75	161.91 3.62 -48.74	132.15 3.71 -28.09	118.58 3.42 -27.36	113.94 3.50 -22.91	113.11 3.49 -22.35	119.86 3.41 -29.01	145.88 3.24 -55.02	182.97 3.16 -92.00	262.28 3.17 -170.94	243.58 3.18 -152.14	224.21 2.78 -139.63	188.17 2.68 -108.80	185.98 2.56 -110.32	166.11 2.53 -91.29	136.05 2.53 -61.37
ALBANY___4 23574	166.42 3.31 -65.77	152.53 3.97 -31.85	146.63 4.03 -20.61	142.35 4.81 0.00	146.04 4.53 0.00	154.47 4.79 0.00	175.85 4.12 -38.69	197.51 3.78 -63.40	200.29 4.39 -58.75	161.91 3.62 -48.74	132.15 3.71 -28.09	118.58 3.42 -27.36	113.94 3.50 -22.91	113.11 3.49 -22.35	119.86 3.41 -29.01	145.88 3.24 -55.02	182.97 3.16 -92.00	262.28 3.17 -170.94	243.58 3.18 -152.14	224.21 2.78 -139.63	188.17 2.68 -108.80	185.98 2.56 -110.32	166.11 2.53 -91.29	136.05 2.53 -61.37
ALBANY___LFGE 323615	168.02 4.28 -66.40	153.88 5.02 -32.15	148.16 5.36 -20.81	143.58 6.04 0.00	147.59 6.08 0.00	155.97 6.29 0.00	177.56 5.46 -39.07	199.42 5.08 -64.01	210.04 5.63 -67.26	163.48 4.71 -49.21	133.33 4.62 -28.36	119.72 4.30 -27.63	114.95 4.29 -23.13	114.11 4.28 -22.56	120.92 4.20 -29.29	153.34 4.03 -61.69	198.44 4.04 -106.59	300.89 4.06 -208.67	275.91 4.06 -183.59	254.02 3.68 -168.53	203.69 3.45 -123.55	208.21 3.21 -131.89	181.42 3.26 -105.87	137.29 3.17 -61.96
ALCOA_PA_115KV_PL-6C 55860	95.40 -1.95 0.00	114.96 -1.75 0.00	120.41 -1.59 0.00	136.16 -1.38 0.00	140.38 -1.13 0.00	148.33 -1.35 0.00	131.17 -1.86 0.00	129.42 -0.91 0.00	135.91 -1.23 0.00	107.80 -1.75 0.00	99.35 -1.00 0.00	86.57 -1.23 0.00	86.65 -0.88 0.00	86.31 -0.96 0.00	86.56 -0.87 0.00	86.39 -1.23 0.00	86.67 -1.14 0.00	86.31 -1.85 0.00	86.67 -1.59 0.00	80.74 -1.06 0.00	75.46 -1.23 0.00	72.16 -0.95 0.00	71.35 -0.94 0.00	71.51 -0.65 0.00
ALCOA_RYNLDS___DRP 24188	95.40 -1.95 0.00	114.96 -1.75 0.00	120.41 -1.59 0.00	136.16 -1.38 0.00	140.38 -1.13 0.00	148.33 -1.35 0.00	131.17 -1.86 0.00	129.42 -0.91 0.00	135.91 -1.23 0.00	107.80 -1.75 0.00	99.35 -1.00 0.00	86.57 -1.23 0.00	86.65 -0.88 0.00	86.31 -0.96 0.00	86.56 -0.87 0.00	86.39 -1.23 0.00	86.67 -1.14 0.00	86.31 -1.85 0.00	86.67 -1.59 0.00	80.74 -1.06 0.00	75.46 -1.23 0.00	72.16 -0.95 0.00	71.35 -0.94 0.00	71.51 -0.65 0.00
ALCOA___DSASP 323711	95.40 -1.95 0.00	115.08 -1.63 0.00	120.40 -1.59 0.00	136.30 -1.24 0.00	140.38 -1.14 0.00	148.33 -1.35 0.00	131.04 -1.99 0.00	129.43 -0.91 0.00	135.91 -1.24 0.00	107.80 -1.76 0.00	99.25 -1.10 0.00	86.57 -1.23 0.00	86.66 -0.88 0.00	86.32 -0.96 0.00	86.56 -0.87 0.00	86.57 -1.05 0.00	86.66 -1.14 0.00	86.48 -1.68 0.00	86.32 -1.94 0.00	80.50 -1.31 0.00	75.46 -1.23 0.00	72.23 -0.87 0.00	71.35 -0.94 0.00	71.50 -0.65 0.00
ALLEGHENY___COGEN 23514	109.24 2.63 -9.26	115.48 -5.72 -4.49	118.68 -6.22 -2.90	128.18 -9.36 0.00	132.17 -9.34 0.00	139.50 -10.18 0.00	129.84 -8.65 -5.45	122.23 -9.13 -1.02	128.71 -11.66 -3.22	154.09 -10.41 -54.95	106.97 -8.33 -14.95	89.72 -1.93 -3.85	87.05 -2.80 -2.32	84.97 -2.71 -0.40	86.61 -2.62 -1.80	96.68 -2.01 -11.08	135.14 -1.14 -48.47	97.82 0.18 -9.48	115.87 0.27 -27.35	87.00 -0.66 -5.85	86.50 -0.62 -10.43	77.31 -1.17 -5.37	79.39 -0.86 -7.96	80.30 -0.50 -8.64
ALTAMONT_115KV_TB 2 55880	167.03 3.99 -65.69	153.19 4.67 -31.81	147.46 4.88 -20.59	142.90 5.36 0.00	146.89 5.38 0.00	155.52 5.84 0.00	176.74 5.06 -38.65	198.48 4.82 -63.32	194.92 5.35 -52.42	162.62 4.38 -48.68	132.42 4.01 -28.05	118.64 3.51 -27.33	113.91 3.50 -22.88	113.09 3.49 -22.32	119.91 3.50 -28.98	141.23 3.50 -50.11	172.50 3.60 -81.09	234.19 3.70 -142.32	220.23 3.62 -128.35	202.84 3.27 -117.76	177.62 3.07 -97.87	170.07 2.92 -94.03	155.56 2.89 -80.38	136.27 2.81 -61.30
ALTONA_WT_PWR 323606	96.18 -1.16 0.00	116.02 -0.70 0.00	121.39 -0.61 0.00	137.13 -0.41 0.00	141.37 -0.14 0.00	149.38 -0.30 0.00	131.30 -1.73 0.00	129.82 -0.52 0.00	136.33 -0.82 0.00	108.25 -1.31 0.00	99.65 -0.70 0.00	87.01 -0.79 0.00	86.92 -0.61 0.00	86.57 -0.70 0.00	86.73 -0.70 0.00	86.83 -0.79 0.00	86.93 -0.88 0.00	86.58 -1.58 0.00	86.14 -2.12 0.00	80.01 -1.80 0.00	74.85 -1.84 0.00	71.50 -1.61 0.00	70.41 -1.88 0.00	70.93 -1.23 0.00
AMERICAN_REF_FUEL 24010	98.04 -7.59 -8.29	110.11 -10.62 -4.01	113.12 -11.47 -2.60	122.55 -14.99 0.00	126.37 -15.14 0.00	133.21 -16.47 0.00	122.74 -15.17 -4.88	115.27 -18.11 -3.05	120.01 -20.58 -3.44	90.13 -14.13 5.30	85.80 -13.85 0.70	79.83 -11.41 -3.45	78.30 -11.56 -2.32	76.85 -11.52 -1.10	78.03 -11.63 -2.22	78.05 -11.57 -2.00	73.80 -11.76 2.25	85.87 -10.67 -8.38	82.13 -9.80 -3.67	77.77 -9.82 -5.79	76.44 -9.51 -9.27	69.15 -9.21 -5.26	71.11 -8.24 -7.06	72.53 -7.36 -7.74
ARKWRIGHT___SUMMIT_WT_PWR 323751	102.40 -4.18 -9.24	114.65 -6.53 -4.48	117.44 -7.45 -2.90	127.50 -10.03 0.00	131.47 -10.04 0.00	138.16 -11.52 0.00	127.43 -11.04 -5.44	119.55 -13.56 -2.77	126.17 -14.67 -3.70	93.47 -10.73 5.35	89.04 -10.54 0.78	82.69 -8.96 -3.84	80.86 -9.19 -2.52	79.12 -9.16 -1.01	80.56 -9.18 -2.30	80.89 -8.94 -2.21	78.65 -7.20 1.96	89.67 -7.93 -9.44	85.64 -7.06 -4.44	81.11 -7.04 -6.34	79.57 -7.51 -10.39	71.35 -7.53 -5.77	73.50 -6.72 -7.93	74.72 -6.06 -8.62
ARTHUR KILL_GT_1 23520	206.27 7.98 -100.94	178.13 8.99 -52.43	175.89 9.03 -44.87	81.76 9.48 65.26	180.81 9.63 -29.67	181.96 9.72 -22.56	212.82 9.84 -69.95	228.76 9.90 -88.53	242.97 11.38 -94.45	227.09 9.75 -107.79	201.33 7.83 -93.14	173.96 6.85 -79.31	167.92 6.74 -73.65	165.13 6.55 -71.31	178.02 6.64 -83.94	196.02 6.48 -101.92	203.61 7.03 -108.78	225.07 7.49 -129.42	218.27 7.59 -122.42	232.13 6.71 -143.61	207.41 6.14 -124.58	178.37 5.71 -99.55	178.24 5.35 -100.60	185.14 4.83 -108.15
ARTHUR_KILL_2 23512	205.98 7.69 -100.94	177.78 8.64 -52.43	175.53 8.66 -44.87	81.36 9.08 65.26	180.38 9.19 -29.67	181.52 9.28 -22.56	212.29 9.31 -69.95	228.37 9.51 -88.53	242.57 10.98 -94.45	226.77 9.42 -107.79	201.02 7.53 -93.14	173.70 6.59 -79.31	167.66 6.48 -73.65	164.87 6.29 -71.31	177.75 6.38 -83.94	195.76 6.22 -101.92	203.26 6.67 -108.78	224.72 7.14 -129.42	217.92 7.24 -122.42	231.88 6.46 -143.61	207.17 5.91 -124.58	178.15 5.49 -99.55	178.02 5.13 -100.60	184.92 4.62 -108.15
ARTHUR_KILL_3 23513	85.76 7.50 19.08	81.63 8.52 43.60	81.63 8.66 49.02	81.63 9.36 65.26	84.86 9.48 66.14	81.63 9.59 77.64	85.47 9.31 56.87	94.91 9.25 44.68	86.68 10.70 61.17	86.68 9.09 31.97	94.93 7.23 12.65	88.56 6.33 5.56	84.65 6.22 9.10	83.58 6.02 9.71	88.99 6.03 4.47	91.93 5.96 1.65	80.93 6.24 13.11	89.79 6.43 4.80	82.30 6.44 12.40	107.88 5.81 -20.26	82.30 5.37 -0.25	80.93 4.97 -2.85	91.46 4.77 -14.40	90.72 4.26 -14.31

ARTHUR_KILL_COGEN 323718	206.27 7.98 -100.94	178.13 8.99 -52.43	175.89 9.03 -44.87	81.76 9.48 65.26	180.81 9.63 -29.67	181.96 9.72 -22.56	212.82 9.84 -69.95	228.76 9.90 -88.53	242.97 11.38 -94.45	227.09 9.75 -107.79	201.33 7.83 -93.14	173.96 6.85 -79.31	167.92 6.74 -73.65	165.13 6.55 -71.31	178.02 6.64 -83.94	196.02 6.48 -101.92	203.61 7.03 -108.78	225.07 7.49 -129.42	218.27 7.59 -122.42	232.13 6.71 -143.61	207.41 6.14 -124.58	178.37 5.71 -99.55	178.24 5.35 -100.60	185.14 4.83 -108.15
ASHOKAN____ 23654	161.80 4.18 -60.27	150.91 5.02 -29.19	145.76 4.88 -18.89	148.54 11.01 0.00	152.56 11.05 0.00	161.21 11.53 0.00	173.82 5.33 -35.46	194.44 6.00 -58.10	187.93 6.72 -44.07	159.59 5.37 -44.67	130.40 4.31 -25.74	115.94 3.07 -25.07	111.41 2.88 -20.99	110.29 2.53 -20.48	116.74 2.71 -26.59	133.72 3.24 -42.86	159.30 4.04 -67.45	205.34 4.93 -112.24	195.81 5.03 -102.52	179.93 4.09 -94.03	163.21 3.68 -82.84	152.40 3.44 -75.85	142.12 3.04 -66.80	130.71 2.31 -56.24
ASTORIA_EAST_ENERGY_CC1 323581	159.41 8.18 -53.89	152.49 9.68 -26.10	148.64 9.76 -16.88	147.71 10.18 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.84 10.11 -31.70	192.06 9.78 -51.94	178.94 11.25 -30.54	159.14 9.64 -39.94	131.39 8.03 -23.01	117.24 7.03 -22.42	113.21 6.91 -18.77	112.30 6.72 -18.31	117.94 6.73 -23.77	125.41 6.31 -31.48	139.43 6.59 -45.03	156.10 7.41 -60.53	154.36 7.50 -58.61	141.39 6.21 -53.36	141.15 5.67 -58.79	123.71 5.63 -44.97	122.18 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_EAST_ENERGY_CC2 323582	159.41 8.18 -53.89	152.49 9.68 -26.10	148.64 9.76 -16.88	147.86 10.32 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.98 10.24 -31.70	192.06 9.78 -51.94	179.07 11.38 -30.54	159.14 9.64 -39.94	131.39 8.03 -23.01	117.24 7.03 -22.42	113.21 6.91 -18.77	112.30 6.72 -18.31	117.94 6.73 -23.77	125.41 6.31 -31.48	139.43 6.59 -45.03	156.10 7.41 -60.53	154.36 7.50 -58.61	141.39 6.21 -53.36	141.15 5.67 -58.79	123.71 5.63 -44.97	122.18 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT2_1 24094	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT2_2 24095	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT2_3 24096	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT2_4 24097	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT3_1 24098	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT3_2 24099	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT3_3 24100	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT3_4 24101	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT4_1 24102	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT4_2 24103	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT4_3 24104	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28

ASTORIA_GT4_4 24105	159.70 8.47 -53.89	152.73 9.92 -26.10	148.88 10.00 -16.88	147.85 10.32 0.00	152.27 10.75 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.35 11.66 -30.54	159.25 9.75 -39.94	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.50 6.40 -31.48	139.52 6.67 -45.04	156.27 7.58 -60.53	154.45 7.59 -58.61	141.32 6.14 -53.37	141.24 5.75 -58.80	123.71 5.63 -44.97	122.17 5.42 -44.46	127.63 5.20 -50.28
ASTORIA_GT_1 23523	159.70 8.46 -53.89	152.85 10.04 -26.10	149.00 10.12 -16.88	148.13 10.59 0.00	152.26 10.75 0.00	160.46 10.78 0.00	175.24 10.51 -31.70	192.45 10.17 -51.94	179.34 11.65 -30.54	159.36 9.86 -39.94	131.69 8.32 -23.01	117.50 7.28 -22.42	113.39 7.09 -18.77	112.57 6.98 -18.31	118.20 7.00 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.03	156.35 7.67 -60.53	154.63 7.77 -58.61	141.63 6.46 -53.36	141.39 5.91 -58.79	123.86 5.77 -44.97	122.39 5.64 -44.46	127.77 5.34 -50.28
ASTORIA_GT_10 24110	159.99 8.76 -53.89	152.85 10.04 -26.10	149.12 10.25 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.42 10.30 -49.56	131.69 8.33 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	125.94 6.83 -31.48	139.96 7.11 -45.04	155.92 7.58 -60.17	154.03 7.50 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
ASTORIA_GT_11 24225	159.99 8.76 -53.89	152.85 10.04 -26.10	149.12 10.25 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.42 10.30 -49.56	131.69 8.33 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	125.94 6.83 -31.48	139.96 7.11 -45.04	155.92 7.58 -60.17	154.03 7.50 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
ASTORIA_GT_12 24226	159.99 8.76 -53.89	152.85 10.04 -26.10	149.12 10.25 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.42 10.30 -49.56	131.69 8.33 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	125.94 6.83 -31.48	139.96 7.11 -45.04	155.92 7.58 -60.17	154.03 7.50 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
ASTORIA_GT_13 24227	159.99 8.76 -53.89	152.85 10.04 -26.10	149.12 10.25 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.42 10.30 -49.56	131.69 8.33 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	125.94 6.83 -31.48	139.96 7.11 -45.04	155.92 7.58 -60.17	154.03 7.50 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
ASTORIA_GT_5 24106	159.90 8.66 -53.89	152.97 10.15 -26.10	149.12 10.25 -16.88	148.13 10.59 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.64 -31.70	192.70 10.43 -51.94	179.62 11.93 -30.54	159.47 9.97 -39.94	131.59 8.23 -23.01	117.50 7.29 -22.42	113.39 7.09 -18.77	112.56 6.98 -18.31	118.11 6.91 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	156.45 7.76 -60.53	154.63 7.77 -58.61	141.48 6.30 -53.37	141.39 5.90 -58.80	123.86 5.78 -44.97	122.32 5.57 -44.46	127.70 5.27 -50.28
ASTORIA_GT_7 24107	159.90 8.66 -53.89	152.97 10.15 -26.10	149.12 10.25 -16.88	148.13 10.59 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.64 -31.70	192.70 10.43 -51.94	179.62 11.93 -30.54	159.47 9.97 -39.94	131.59 8.23 -23.01	117.50 7.29 -22.42	113.39 7.09 -18.77	112.56 6.98 -18.31	118.11 6.91 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	156.45 7.76 -60.53	154.63 7.77 -58.61	141.48 6.30 -53.37	141.39 5.90 -58.80	123.86 5.78 -44.97	122.32 5.57 -44.46	127.70 5.27 -50.28
ASTORIA_GT_8 24108	159.90 8.66 -53.89	152.97 10.15 -26.10	149.12 10.25 -16.88	148.13 10.59 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.64 -31.70	192.70 10.43 -51.94	179.62 11.93 -30.54	159.47 9.97 -39.94	131.59 8.23 -23.01	117.50 7.29 -22.42	113.39 7.09 -18.77	112.56 6.98 -18.31	118.11 6.91 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	156.45 7.76 -60.53	154.63 7.77 -58.61	141.48 6.30 -53.37	141.39 5.90 -58.80	123.86 5.78 -44.97	122.32 5.57 -44.46	127.70 5.27 -50.28
ASTORIA___2 24149	159.50 8.27 -53.89	152.62 9.81 -26.10	148.75 9.88 -16.88	147.86 10.32 0.00	151.98 10.47 0.00	160.15 10.47 0.00	174.98 10.24 -31.70	192.18 9.90 -51.94	179.07 11.38 -30.54	159.14 9.64 -39.94	131.49 8.12 -23.01	117.24 7.03 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	118.03 6.82 -23.77	125.49 6.39 -31.48	139.51 6.67 -45.03	156.18 7.49 -60.53	154.36 7.50 -58.61	141.39 6.21 -53.36	141.23 5.75 -58.79	123.71 5.63 -44.97	122.24 5.49 -44.46	127.63 5.20 -50.28
ASTORIA___3 23516	159.80 8.57 -53.89	152.73 9.91 -26.10	148.88 10.01 -16.88	148.27 10.73 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.65 -31.70	192.83 10.55 -51.94	188.84 12.07 -39.62	169.31 10.19 -49.56	131.79 8.43 -23.01	117.59 7.38 -22.42	113.56 7.26 -18.77	112.65 7.07 -18.31	118.28 7.08 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.82 7.49 -60.17	154.12 7.59 -58.27	141.89 6.71 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.46 5.71 -44.46	127.63 5.20 -50.28
ASTORIA___4 23517	159.99 8.76 -53.89	152.85 10.04 -26.10	149.12 10.25 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.42 10.30 -49.56	131.69 8.33 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	125.94 6.83 -31.48	139.96 7.11 -45.04	155.92 7.58 -60.17	154.03 7.50 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
ASTORIA___5 23518	159.80 8.57 -53.89	152.73 9.91 -26.10	148.88 10.01 -16.88	148.27 10.73 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.65 -31.70	192.83 10.55 -51.94	188.84 12.07 -39.62	169.31 10.19 -49.56	131.79 8.43 -23.01	117.59 7.38 -22.42	113.56 7.26 -18.77	112.65 7.07 -18.31	118.28 7.08 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.82 7.49 -60.17	154.12 7.59 -58.27	141.89 6.71 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.46 5.71 -44.46	127.63 5.20 -50.28
AST_ENERGY_2_CC3 323677	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	159.86 10.18 0.00	174.57 9.84 -31.70	192.05 9.78 -51.94	178.80 11.10 -30.55	159.01 9.53 -39.93	130.98 7.62 -23.01	116.88 6.67 -22.41	112.86 6.57 -18.77	112.04 6.46 -18.31	117.67 6.47 -23.77	125.39 6.31 -31.47	139.42 6.59 -45.02	153.73 6.79 -58.77	149.53 6.89 -54.39	141.30 6.14 -53.35	141.14 5.67 -58.78	123.34 5.27 -44.96	121.80 5.06 -44.45	126.97 4.55 -50.27
AST_ENERGY_2_CC4 323678	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	159.86 10.18 0.00	174.57 9.84 -31.70	192.05 9.78 -51.94	178.80 11.10 -30.55	159.01 9.53 -39.93	130.98 7.62 -23.01	116.88 6.67 -22.41	112.86 6.57 -18.77	112.04 6.46 -18.31	117.67 6.47 -23.77	125.39 6.31 -31.47	139.42 6.59 -45.02	153.73 6.79 -58.77	149.53 6.89 -54.39	141.30 6.14 -53.35	141.14 5.67 -58.78	123.34 5.27 -44.96	121.80 5.06 -44.45	126.97 4.55 -50.27

ATHENS_STG_1 23668	161.41 4.96 -59.10	151.05 5.72 -28.62	146.37 5.86 -18.52	143.87 6.33 0.00	147.89 6.37 0.00	156.42 6.74 0.00	174.06 6.25 -34.77	193.18 5.87 -56.97	175.49 6.58 -31.76	158.94 5.58 -43.80	130.51 4.92 -25.24	116.69 4.30 -24.59	112.40 4.29 -20.59	111.55 4.19 -20.08	117.70 4.20 -26.07	125.00 4.21 -33.18	138.58 4.39 -46.38	150.63 4.41 -58.06	150.08 4.50 -57.32	138.31 4.01 -52.49	141.92 3.76 -61.47	121.44 3.51 -44.82	121.51 3.47 -45.74	130.55 3.25 -55.15
ATHENS_STG_2 23670	161.41 4.96 -59.10	151.05 5.72 -28.62	146.37 5.86 -18.52	143.87 6.33 0.00	147.89 6.37 0.00	156.42 6.74 0.00	174.06 6.25 -34.77	193.18 5.87 -56.97	175.49 6.58 -31.76	158.94 5.58 -43.80	130.51 4.92 -25.24	116.69 4.30 -24.59	112.40 4.29 -20.59	111.55 4.19 -20.08	117.70 4.20 -26.07	125.00 4.21 -33.18	138.58 4.39 -46.38	150.63 4.41 -58.06	150.08 4.50 -57.32	138.31 4.01 -52.49	141.92 3.76 -61.47	121.44 3.51 -44.82	121.51 3.47 -45.74	130.55 3.25 -55.15
ATHENS_STG_3 23677	161.41 4.96 -59.10	151.05 5.72 -28.62	146.37 5.86 -18.52	143.87 6.33 0.00	147.89 6.37 0.00	156.42 6.74 0.00	174.06 6.25 -34.77	193.18 5.87 -56.97	175.49 6.58 -31.76	158.94 5.58 -43.80	130.51 4.92 -25.24	116.69 4.30 -24.59	112.40 4.29 -20.59	111.55 4.19 -20.08	117.70 4.20 -26.07	125.00 4.21 -33.18	138.58 4.39 -46.38	150.63 4.41 -58.06	150.08 4.50 -57.32	138.31 4.01 -52.49	141.92 3.76 -61.47	121.44 3.51 -44.82	121.51 3.47 -45.74	130.55 3.25 -55.15
AUBURN___LFGE 323710	104.56 0.39 -6.83	119.79 -0.23 -3.31	123.77 -0.37 -2.14	136.44 -1.10 0.00	140.52 -0.99 0.00	148.48 -1.20 0.00	136.52 -0.53 -4.02	137.73 -1.17 -8.57	140.16 -1.51 -4.52	113.93 -0.77 -5.14	102.76 -1.00 -3.41	90.11 -0.53 -2.84	89.35 -0.79 -2.61	89.50 -0.79 -3.01	90.23 -0.79 -3.59	91.54 -0.61 -4.54	93.23 -0.44 -5.86	95.19 0.18 -6.85	94.62 -0.18 -6.54	87.89 -0.41 -6.49	83.98 -0.31 -7.60	78.44 -0.44 -5.77	77.64 -0.43 -5.79	78.09 -0.43 -6.37
BABYLON_RES_REC 323704	159.87 8.66 -53.86	153.07 10.27 -26.08	149.72 10.85 -16.88	149.37 11.83 0.00	153.12 11.61 0.00	160.91 11.23 0.00	175.76 11.04 -31.69	193.33 11.07 -51.92	180.04 12.35 -30.54	159.44 9.97 -39.92	138.21 9.63 -28.22	123.33 8.43 -27.10	115.32 8.23 -19.56	116.81 8.12 -21.42	124.82 8.13 -29.25	141.60 8.15 -45.83	155.50 8.61 -59.08	187.43 8.90 -90.37	175.19 9.09 -77.84	160.40 8.02 -70.57	152.30 7.36 -68.25	147.76 6.87 -67.78	142.38 6.72 -63.36	136.03 6.35 -57.52
BABYLON__69_KV_BK2 356345	162.69 11.49 -53.86	155.98 13.19 -26.08	152.29 13.42 -16.88	151.84 14.30 0.00	155.81 14.29 0.00	164.35 14.67 0.00	179.62 14.90 -31.69	197.11 14.86 -51.92	184.01 16.32 -30.54	161.41 11.94 -39.92	139.71 11.14 -28.22	124.65 9.75 -27.10	116.54 9.45 -19.56	118.03 9.34 -21.42	126.13 9.44 -29.25	142.82 9.37 -45.83	156.99 10.10 -59.08	189.10 10.58 -90.36	176.68 10.59 -77.83	161.70 9.33 -70.57	153.52 8.59 -68.25	149.08 8.19 -67.78	143.61 7.95 -63.36	137.33 7.65 -57.52
BALL_HILL_WT_PWR 323825	101.48 -4.77 -8.90	113.78 -7.24 -4.31	116.73 -8.06 -2.79	127.08 -10.46 0.00	131.04 -10.47 0.00	137.85 -11.83 0.00	126.96 -11.31 -5.23	119.25 -13.94 -2.86	125.80 -14.95 -3.60	89.16 -10.95 9.44	87.66 -10.84 1.85	82.37 -9.13 -3.70	80.61 -9.36 -2.45	79.06 -9.25 -1.04	80.35 -9.35 -2.27	80.01 -9.11 -1.51	74.76 -7.55 5.49	89.02 -8.20 -9.05	83.56 -7.32 -2.63	80.75 -7.20 -6.14	79.08 -7.59 -9.98	71.16 -7.53 -5.58	73.19 -6.72 -7.62	74.47 -5.99 -8.30
BARON_WINDS___WT_PWR 323822	107.15 -2.05 -11.85	118.60 -3.85 -5.74	121.32 -4.39 -3.71	131.63 -5.91 0.00	135.70 -5.81 0.00	142.95 -6.73 0.00	133.62 -6.38 -6.97	123.81 -8.08 -1.55	132.50 -8.91 -4.26	29.85 -7.23 72.48	74.19 -7.12 19.04	86.85 -5.88 -4.93	84.32 -6.21 -3.00	81.59 -6.28 -0.60	83.51 -6.30 -2.37	73.77 -6.22 7.63	25.97 -4.74 57.09	97.33 -5.47 -14.64	66.91 -4.68 16.67	87.14 -4.66 -9.99	85.03 -5.14 -13.48	76.21 -5.19 -8.29	77.84 -4.77 -10.32	78.89 -4.33 -11.06
BARRETT_IC_1 23704	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_10 23701	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	169.60 6.88 -74.56	157.89 6.89 -62.74	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_11 23702	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	169.60 6.88 -74.56	157.89 6.89 -62.74	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_12 23703	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	169.60 6.88 -74.56	157.89 6.89 -62.74	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_2 23705	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_3 23706	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_4 23707	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52

BARRETT_IC_5 23708	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_6 23709	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_7 23710	159.77 8.57 -53.86	152.83 10.04 -26.08	149.12 10.25 -16.88	148.40 10.87 0.00	152.41 10.90 0.00	160.46 10.78 0.00	175.63 10.91 -31.69	193.07 10.82 -51.92	179.76 12.07 -30.54	159.11 9.64 -39.92	137.00 8.43 -28.22	122.37 7.46 -27.10	114.35 7.27 -19.56	115.85 7.16 -21.42	123.77 7.08 -29.25	140.63 7.18 -45.83	154.35 7.46 -59.08	188.33 6.96 -93.20	175.78 6.97 -80.55	159.08 6.71 -70.57	151.37 6.44 -68.25	146.96 6.07 -67.78	141.44 5.78 -63.36	135.02 5.34 -57.52
BARRETT_IC_8 23711	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT_IC_9 23700	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	169.60 6.88 -74.56	157.89 6.89 -62.74	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT___1 23545	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	188.25 6.88 -93.20	175.69 6.89 -80.55	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BARRETT___2 23546	159.19 7.98 -53.86	152.13 9.34 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	151.98 10.47 0.00	160.00 10.32 0.00	174.43 9.71 -31.69	192.04 9.78 -51.92	178.66 10.98 -30.54	158.78 9.31 -39.92	137.10 8.53 -28.22	122.28 7.38 -27.10	114.35 7.26 -19.56	115.85 7.16 -21.42	123.86 7.17 -29.25	140.64 7.19 -45.83	154.27 7.38 -59.08	169.60 6.88 -74.56	157.89 6.89 -62.74	159.25 6.87 -70.57	151.45 6.51 -68.25	146.95 6.06 -67.78	141.51 5.85 -63.36	135.02 5.34 -57.52
BATAVIA__115KV_TB1 55881	101.49 -3.50 -7.65	114.82 -5.60 -3.70	118.29 -6.10 -2.40	128.60 -8.94 0.00	132.60 -8.92 0.00	139.65 -10.03 0.00	128.22 -9.31 -4.50	122.52 -10.95 -3.13	126.12 -14.26 -3.23	98.94 -8.66 1.96	91.62 -8.93 -0.20	84.13 -6.85 -3.18	82.62 -7.09 -2.18	81.40 -6.98 -1.11	82.58 -6.99 -2.14	84.06 -5.87 -2.32	81.27 -6.85 -0.32	90.80 -5.03 -7.66	85.98 -6.62 -4.34	80.56 -6.63 -5.38	79.68 -5.52 -8.51	72.58 -5.41 -4.88	74.00 -4.77 -6.48	75.11 -4.18 -7.14
BAYONEEC___CTG1 323682	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG10 323750	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG2 323683	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG3 323684	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG4 323685	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG5 323686	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG6 323687	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27

BAYONEEC___CTG7 323688	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG8 323689	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BAYONEEC___CTG9 323749	159.21 7.98 -53.87	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.71 9.98 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.55	159.23 9.75 -39.93	131.09 7.73 -23.01	116.97 6.76 -22.41	112.95 6.65 -18.77	112.13 6.55 -18.31	117.67 6.47 -23.77	125.49 6.39 -31.48	139.52 6.67 -45.04	155.20 6.88 -60.16	153.48 6.97 -58.26	141.48 6.30 -53.37	141.24 5.75 -58.80	123.41 5.33 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.27
BEACON___LESR 323632	168.32 5.25 -65.72	154.60 6.07 -31.82	149.05 6.46 -20.59	144.82 7.28 0.00	148.87 7.35 0.00	157.46 7.78 0.00	178.48 6.78 -38.66	200.20 6.51 -63.35	203.71 7.13 -59.44	164.06 5.80 -48.70	134.03 5.62 -28.06	120.23 5.09 -27.34	115.41 4.99 -22.89	114.58 4.97 -22.33	121.32 4.89 -28.99	147.97 4.82 -55.54	186.00 5.00 -93.19	267.20 4.93 -174.10	248.05 5.03 -154.76	228.42 4.58 -142.03	190.87 4.22 -109.97	189.23 4.02 -112.10	168.74 3.97 -92.47	137.37 3.89 -61.32
BEAVER RIVER___HYD 24048	101.25 1.95 -1.96	119.87 2.21 -0.95	124.81 2.20 -0.61	139.73 2.19 0.00	143.64 2.13 0.00	152.38 2.70 0.00	136.05 1.86 -1.15	134.31 2.08 -1.89	139.33 1.65 -0.53	112.11 1.10 -1.45	101.90 0.71 -0.84	88.79 0.18 -0.82	87.78 -0.44 -0.68	87.59 -0.35 -0.67	88.04 -0.26 -0.87	88.49 0.18 -0.69	89.23 0.79 -0.63	89.39 1.06 -0.16	89.86 1.06 -0.54	82.93 0.58 -0.54	78.21 0.39 -1.13	74.02 0.44 -0.47	72.90 0.00 -0.61	73.99 0.00 -1.83
BEEBEE_GT_13 23619	101.56 -2.34 -6.55	116.03 -3.85 -3.17	119.90 -4.15 -2.05	131.07 -6.46 0.00	135.00 -6.51 0.00	142.35 -7.33 0.00	130.90 -5.99 -3.86	125.72 -7.82 -3.21	127.89 -10.15 -0.89	108.13 -6.24 -4.82	96.08 -6.32 -2.05	86.40 -4.13 -2.73	85.17 -4.29 -1.93	84.06 -4.36 -1.15	85.14 -4.28 -1.99	85.17 -4.03 -1.58	84.80 -5.18 -2.18	85.80 -2.91 -0.55	85.15 -4.94 -1.83	78.57 -4.17 -0.93	77.10 -3.37 -3.78	70.48 -3.44 -0.81	71.30 -3.04 -2.04	75.53 -2.74 -6.11
BENSHRST_27_KV_BENSHRST_1 355998	207.63 9.35 -100.94	179.65 10.50 -52.43	177.60 10.74 -44.87	176.55 11.28 -27.74	182.79 11.60 -29.67	184.07 11.82 -22.56	214.55 11.57 -69.95	230.46 11.60 -88.53	244.90 13.30 -94.45	228.52 11.17 -107.79	202.63 9.13 -93.14	175.10 7.99 -79.31	169.06 7.88 -73.65	168.06 7.68 -73.10	178.98 7.61 -83.94	197.16 7.62 -101.92	204.58 7.99 -108.78	226.05 8.46 -129.42	219.15 8.47 -122.42	232.95 7.53 -143.61	208.25 6.98 -124.58	179.17 6.51 -99.55	179.04 6.14 -100.60	186.00 5.70 -108.15
BETHLEHEM___GRP 23843	166.42 3.31 -65.77	152.53 3.97 -31.85	146.63 4.03 -20.61	142.35 4.81 0.00	146.04 4.53 0.00	154.47 4.79 0.00	175.85 4.12 -38.69	197.51 3.78 -63.40	200.29 4.39 -58.75	161.91 3.62 -48.74	132.15 3.71 -28.09	118.58 3.42 -27.36	113.94 3.50 -22.91	113.11 3.49 -22.35	119.86 3.41 -29.01	145.88 3.24 -55.02	182.97 3.16 -92.00	262.28 3.17 -170.94	243.58 3.18 -152.14	224.21 2.78 -139.63	188.17 2.68 -108.80	185.98 2.56 -110.32	166.11 2.53 -91.29	136.05 2.53 -61.37
BETHLEHEM___GS1 323560	166.52 3.41 -65.77	152.53 3.97 -31.85	146.87 4.27 -20.61	142.35 4.81 0.00	146.33 4.81 0.00	154.61 4.93 0.00	175.86 4.13 -38.69	197.52 3.78 -63.40	200.16 4.26 -58.75	161.91 3.61 -48.74	132.15 3.72 -28.09	118.68 3.52 -27.36	113.94 3.50 -22.91	113.12 3.49 -22.35	119.95 3.50 -29.01	145.78 3.15 -55.02	182.97 3.16 -92.00	262.27 3.17 -170.94	243.57 3.17 -152.14	224.29 2.86 -139.63	188.17 2.68 -108.80	185.98 2.56 -110.32	166.11 2.53 -91.29	136.05 2.52 -61.37
BETHLEHEM___GS2 323561	166.52 3.41 -65.77	152.53 3.97 -31.85	146.87 4.27 -20.61	142.35 4.81 0.00	146.33 4.81 0.00	154.61 4.93 0.00	175.86 4.13 -38.69	197.52 3.78 -63.40	200.16 4.26 -58.75	161.91 3.61 -48.74	132.15 3.72 -28.09	118.68 3.52 -27.36	113.94 3.50 -22.91	113.12 3.49 -22.35	119.95 3.50 -29.01	145.78 3.15 -55.02	182.97 3.16 -92.00	262.27 3.17 -170.94	243.57 3.17 -152.14	224.29 2.86 -139.63	188.17 2.68 -108.80	185.98 2.56 -110.32	166.11 2.53 -91.29	136.05 2.52 -61.37
BETHLEHEM___GS3 323562	166.52 3.41 -65.77	152.53 3.97 -31.85	146.87 4.27 -20.61	142.35 4.81 0.00	146.33 4.81 0.00	154.61 4.93 0.00	175.86 4.13 -38.69	197.52 3.78 -63.40	200.16 4.26 -58.75	161.91 3.61 -48.74	132.15 3.72 -28.09	118.68 3.52 -27.36	113.94 3.50 -22.91	113.12 3.49 -22.35	119.95 3.50 -29.01	145.78 3.15 -55.02	182.97 3.16 -92.00	262.27 3.17 -170.94	243.57 3.17 -152.14	224.29 2.86 -139.63	188.17 2.68 -108.80	185.98 2.56 -110.32	166.11 2.53 -91.29	136.05 2.52 -61.37
BETHLEHEM___STEEL 23779	100.88 -5.35 -8.89	113.31 -7.70 -4.30	116.24 -8.54 -2.79	126.67 -10.87 0.00	130.62 -10.90 0.00	137.11 -12.57 0.00	126.16 -12.11 -5.23	118.92 -14.34 -2.92	124.85 -15.91 -3.61	89.79 -11.39 8.38	87.66 -11.14 1.55	82.10 -9.39 -3.70	80.35 -9.63 -2.45	78.82 -9.51 -1.06	80.19 -9.53 -2.29	80.28 -9.02 -1.69	75.38 -7.81 4.61	89.27 -7.93 -9.04	83.60 -7.68 -3.02	78.87 -9.08 -6.15	78.76 -7.90 -9.97	71.10 -7.60 -5.59	73.03 -6.87 -7.61	74.24 -6.21 -8.29
BETHLHEM_115KV_TB1 79974	166.46 3.41 -65.71	152.62 4.08 -31.82	146.85 4.27 -20.59	142.49 4.95 0.00	146.18 4.67 0.00	154.62 4.94 0.00	175.95 4.26 -38.66	197.59 3.91 -63.35	198.90 4.53 -57.23	161.98 3.72 -48.70	132.23 3.81 -28.06	118.65 3.51 -27.34	113.92 3.50 -22.89	113.09 3.49 -22.33	119.83 3.41 -28.99	144.69 3.24 -53.83	180.44 3.25 -89.38	255.52 3.26 -164.09	237.97 3.27 -146.45	219.06 2.86 -134.39	185.61 2.76 -106.16	182.08 2.56 -106.41	163.56 2.60 -88.67	136.00 2.53 -61.32
BETHPAGE_CC_5 323564	159.28 8.08 -53.86	152.24 9.45 -26.08	148.75 9.88 -16.88	148.27 10.73 0.00	152.13 10.62 0.00	159.86 10.18 0.00	174.57 9.84 -31.69	192.16 9.90 -51.92	178.79 11.10 -30.54	158.90 9.42 -39.92	137.40 8.83 -28.22	122.63 7.73 -27.10	114.70 7.61 -19.56	116.20 7.51 -21.42	124.21 7.52 -29.25	140.99 7.54 -45.83	154.80 7.91 -59.08	186.75 8.11 -90.48	174.41 8.21 -77.94	159.65 7.28 -70.57	151.68 6.75 -68.25	147.18 6.29 -67.78	141.73 6.07 -63.36	135.38 5.70 -57.52
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	101.01 -5.35 -9.01	113.37 -7.70 -4.36	116.28 -8.54 -2.82	126.95 -10.59 0.00	130.90 -10.61 0.00	137.41 -12.27 0.00	126.23 -12.11 -5.30	119.18 -14.08 -2.92	125.58 -15.22 -3.66	90.96 -11.17 7.42	88.22 -10.84 1.30	82.15 -9.39 -3.75	80.38 -9.63 -2.48	78.82 -9.51 -1.06	80.21 -9.53 -2.31	80.38 -9.11 -1.87	76.84 -7.20 3.77	89.32 -8.02 -9.18	84.68 -7.06 -3.48	79.04 -9.00 -6.23	78.83 -7.98 -10.12	71.03 -7.75 -5.67	73.00 -7.01 -7.72	74.29 -6.28 -8.41

BINGHAMTON___COGEN 23790	115.55 0.88 -17.32	125.45 0.35 -8.39	127.54 0.12 -5.43	137.26 -0.28 0.00	141.37 -0.14 0.00	149.38 -0.30 0.00	142.96 -0.27 -10.19	143.46 -1.04 -14.17	146.26 -0.82 -9.93	121.75 -0.55 -12.74	106.32 -0.80 -6.77	94.30 -0.70 -7.21	92.40 -0.88 -5.74	91.41 -0.87 -5.01	93.38 -0.96 -6.91	97.06 -0.70 -10.15	103.88 0.18 -15.89	110.96 0.00 -22.79	110.16 0.35 -21.55	100.50 -0.57 -19.27	96.55 -0.46 -20.32	88.34 -0.58 -15.81	87.49 -0.51 -15.71	87.96 -0.36 -16.17
BIXINCNT_115KV_LOAD 355685	101.77 -5.16 -9.59	114.24 -7.12 -4.64	116.58 -8.42 -3.00	127.63 -9.90 0.00	131.61 -9.91 0.00	138.15 -11.53 0.00	126.97 -11.71 -5.64	119.63 -13.55 -2.85	127.54 -13.44 -3.84	96.29 -10.85 2.42	89.74 -10.64 -0.02	81.95 -9.83 -3.99	80.25 -9.89 -2.61	78.36 -9.95 -1.04	79.41 -10.40 -2.38	79.80 -10.60 -2.78	81.21 -7.20 -0.61	88.29 -9.70 -9.82	86.93 -7.15 -5.82	77.93 -10.47 -6.59	77.75 -9.74 -10.80	69.60 -9.50 -6.00	71.65 -8.89 -8.25	72.88 -8.23 -8.95
BLACK RIVER___HYD 24047	103.49 3.41 -2.74	121.77 3.73 -1.33	126.51 3.66 -0.86	141.11 3.57 0.00	144.90 3.39 0.00	154.17 4.49 0.00	138.50 3.86 -1.61	136.88 3.91 -2.64	141.44 3.56 -0.74	114.21 2.63 -2.03	103.33 1.81 -1.17	90.08 1.14 -1.14	89.10 0.62 -0.95	88.99 0.78 -0.93	89.52 0.87 -1.21	90.07 1.49 -0.97	91.14 2.46 -0.88	91.48 3.08 -0.23	92.10 3.09 -0.76	84.85 2.29 -0.76	80.26 1.99 -1.58	75.51 1.75 -0.65	74.45 1.30 -0.85	75.86 1.15 -2.55
BLACKRVR_115KV_TB2 79977	103.39 3.31 -2.74	121.66 3.62 -1.33	126.51 3.66 -0.86	141.11 3.58 0.00	144.91 3.40 0.00	154.02 4.34 0.00	138.50 3.86 -1.61	136.88 3.91 -2.64	141.31 3.43 -0.74	114.21 2.63 -2.03	103.33 1.81 -1.17	90.08 1.14 -1.14	89.10 0.61 -0.95	88.99 0.79 -0.93	89.52 0.87 -1.21	90.16 1.58 -0.97	91.15 2.46 -0.88	91.48 3.09 -0.23	92.11 3.09 -0.76	84.86 2.29 -0.76	80.26 1.99 -1.58	75.52 1.75 -0.65	74.45 1.30 -0.85	75.86 1.15 -2.55
BLISS_WT_PWR 323608	101.68 -5.26 -9.59	114.23 -7.12 -4.64	116.21 -8.78 -3.00	127.22 -10.32 0.00	131.19 -10.32 0.00	138.00 -11.68 0.00	127.10 -11.58 -5.64	119.36 -13.82 -2.85	126.99 -13.99 -3.84	95.96 -11.18 2.42	89.34 -11.04 -0.02	81.69 -10.09 -3.99	80.08 -10.06 -2.61	78.01 -10.30 -1.04	79.14 -10.67 -2.38	79.44 -10.95 -2.78	80.42 -7.99 -0.61	87.14 -10.85 -9.82	84.72 -9.36 -5.82	79.97 -8.42 -6.59	77.06 -10.43 -10.80	68.87 -10.24 -6.00	70.99 -9.54 -8.25	72.22 -8.88 -8.95
BLUESTONE___WT_PWR 323821	123.78 7.69 -18.74	134.30 8.52 -9.08	136.53 8.66 -5.87	146.61 9.08 0.00	150.58 9.06 0.00	160.15 10.47 0.00	153.77 9.71 -11.03	160.47 9.12 -21.01	161.28 9.46 -14.68	131.46 7.89 -14.01	115.41 6.33 -8.74	100.60 5.00 -7.80	98.94 4.55 -6.87	99.20 4.54 -7.39	101.10 4.54 -9.12	106.94 5.17 -14.15	115.37 6.33 -21.24	128.88 6.26 -34.45	126.10 6.53 -31.32	116.77 5.31 -29.65	107.23 4.52 -26.02	101.13 3.95 -24.08	96.94 3.61 -21.03	93.18 3.53 -17.49
BLUE_CIRC_CHEM_DRP 24182	166.30 4.19 -64.77	152.98 4.90 -31.36	147.54 5.25 -20.30	143.59 6.05 0.00	147.31 5.80 0.00	155.97 6.29 0.00	176.46 5.32 -38.11	197.59 4.82 -62.44	193.01 5.21 -50.65	161.61 4.05 -48.00	131.82 3.81 -27.66	118.17 3.42 -26.95	113.50 3.41 -22.56	112.69 3.40 -22.01	119.50 3.50 -28.57	139.73 3.50 -48.61	169.67 3.69 -78.17	227.48 3.70 -135.61	214.51 3.62 -122.64	197.59 3.27 -112.51	174.54 3.14 -94.71	166.14 3.00 -90.03	152.80 3.04 -77.47	135.55 2.96 -60.44
BOC_GAS_DRP 24189	166.35 3.60 -65.41	152.59 4.20 -31.67	146.76 4.27 -20.50	142.35 4.81 0.00	146.18 4.67 0.00	154.77 5.09 0.00	175.91 4.39 -38.48	197.43 4.04 -63.05	190.56 4.66 -48.75	161.87 3.83 -48.47	131.90 3.61 -27.93	118.26 3.25 -27.21	113.55 3.24 -22.78	112.73 3.23 -22.23	119.52 3.24 -28.85	138.00 3.15 -47.23	165.76 3.16 -74.79	217.46 3.26 -126.03	206.21 3.18 -114.78	189.95 2.86 -105.28	170.86 2.68 -91.49	160.39 2.56 -84.72	148.98 2.60 -74.08	135.64 2.45 -61.04
BOONVILLE_115KV_TB1 79983	102.53 3.50 -1.68	121.49 3.97 -0.81	126.54 4.03 -0.53	141.80 4.26 0.00	145.76 4.25 0.00	154.62 4.94 0.00	138.28 4.26 -0.99	136.12 4.17 -1.62	141.71 4.11 -0.45	114.09 3.29 -1.24	103.78 2.71 -0.72	90.52 2.02 -0.70	89.78 1.66 -0.58	89.50 1.66 -0.57	89.92 1.75 -0.74	90.23 2.02 -0.59	90.81 2.46 -0.54	91.04 2.73 -0.14	91.37 2.65 -0.47	84.40 2.13 -0.47	79.50 1.84 -0.97	75.19 1.68 -0.40	74.26 1.45 -0.52	75.09 1.37 -1.57
BORALEX_4TH_BRANCH 23824	169.69 6.81 -65.53	156.73 8.29 -31.74	151.19 8.66 -20.54	147.16 9.63 0.00	151.28 9.76 0.00	160.46 10.78 0.00	181.04 9.45 -38.56	202.11 8.60 -63.18	215.87 9.33 -69.40	165.36 7.23 -48.57	135.56 7.23 -27.99	121.56 6.50 -27.27	116.75 6.39 -22.83	116.00 6.46 -22.27	122.73 6.38 -28.91	157.31 6.48 -63.21	204.44 6.23 -110.40	314.03 6.35 -219.52	287.16 6.44 -192.46	264.20 5.73 -176.67	209.19 5.37 -127.13	216.18 5.19 -137.88	187.40 5.42 -109.69	138.72 5.41 -61.15
BOWLINE___1 23526	155.73 6.14 -52.25	149.14 7.12 -25.30	145.56 7.20 -16.37	145.37 7.84 0.00	149.43 7.92 0.00	157.76 8.08 0.00	171.49 7.71 -30.74	188.39 7.69 -50.37	175.55 8.79 -29.62	155.73 7.45 -38.72	128.89 6.22 -22.31	115.07 5.53 -21.74	111.16 5.43 -18.20	110.35 5.32 -17.75	115.73 5.25 -23.05	123.40 5.26 -30.52	136.91 5.45 -43.66	152.17 5.73 -58.28	150.44 5.73 -56.45	138.59 5.07 -51.71	138.45 4.76 -57.00	121.07 4.39 -43.58	119.65 4.26 -43.09	124.81 3.89 -48.76
BOWLINE___2 23595	155.92 6.32 -52.25	149.26 7.24 -25.30	145.81 7.44 -16.38	145.51 7.97 0.00	149.57 8.06 0.00	158.06 8.38 0.00	171.76 7.98 -30.74	188.53 7.82 -50.37	175.68 8.91 -29.62	155.84 7.55 -38.73	129.10 6.43 -22.32	115.16 5.62 -21.74	111.25 5.52 -18.20	110.44 5.41 -17.76	115.91 5.42 -23.05	123.58 5.43 -30.53	137.10 5.62 -43.66	152.27 5.82 -58.29	150.62 5.91 -56.45	138.76 5.24 -51.71	138.53 4.83 -57.01	121.22 4.53 -43.58	119.80 4.41 -43.10	124.88 3.97 -48.76
BRADY___115KV_TB2 356060	96.37 -0.97 0.00	116.25 -0.47 0.00	121.63 -0.37 0.00	137.54 0.00 0.00	141.80 0.28 0.00	149.83 0.15 0.00	132.37 -0.67 0.00	130.60 0.26 0.00	137.01 -0.14 0.00	108.57 -0.99 0.00	99.95 -0.40 0.00	87.01 -0.79 0.00	87.09 -0.44 0.00	86.84 -0.44 0.00	87.09 -0.35 0.00	87.09 -0.53 0.00	87.54 -0.26 0.00	87.19 -0.97 0.00	87.55 -0.71 0.00	81.56 -0.25 0.00	76.15 -0.54 0.00	72.89 -0.22 0.00	71.93 -0.36 0.00	72.15 0.00 0.00
BRANSCOMB___SOLAR 323811	172.50 7.60 -67.56	158.29 8.87 -32.72	152.69 9.52 -21.17	147.98 10.45 0.00	152.13 10.62 0.00	161.21 11.53 0.00	183.29 10.51 -39.75	205.50 10.04 -65.13	231.75 10.56 -84.04	167.85 8.22 -50.07	136.33 7.13 -28.85	122.05 6.14 -28.11	117.10 6.03 -23.53	116.25 6.02 -22.96	123.36 6.12 -29.80	168.92 6.48 -74.82	230.20 7.03 -135.37	378.23 6.96 -283.11	340.84 6.97 -245.62	313.72 6.39 -225.53	235.21 5.91 -152.62	253.17 5.63 -174.43	212.50 5.57 -134.64	140.68 5.48 -63.04
BRENTWOD_69_KV_W. BRTWOOD 56703	162.11 10.90 -53.86	155.40 12.60 -26.08	151.80 12.93 -16.88	151.29 13.75 0.00	155.10 13.59 0.00	163.45 13.77 0.00	178.96 14.23 -31.69	196.33 14.08 -51.92	183.19 15.50 -30.54	160.76 11.28 -39.92	139.21 10.64 -28.22	124.21 9.31 -27.10	116.11 9.02 -19.56	117.68 8.99 -21.42	125.70 9.01 -29.25	142.39 8.94 -45.83	156.29 9.40 -59.08	188.32 9.87 -90.28	175.90 9.88 -77.75	161.13 8.75 -70.57	152.98 8.05 -68.25	148.64 7.75 -67.78	143.17 7.52 -63.36	137.04 7.36 -57.52

BRISTLHL_115KV_TB1 79998	100.16 -1.46 -4.27	116.56 -2.22 -2.07	120.89 -2.44 -1.34	134.37 -3.16 0.00	138.26 -3.25 0.00	146.09 -3.59 0.00	132.75 -2.79 -2.51	131.19 -3.26 -4.12	134.73 -3.57 -1.15	110.31 -2.41 -3.17	99.77 -2.41 -1.82	87.73 -1.84 -1.78	86.92 -2.10 -1.49	86.63 -2.09 -1.45	87.22 -2.10 -1.88	87.20 -1.93 -1.51	87.25 -1.93 -1.38	87.11 -1.41 -0.36	87.68 -1.77 -1.18	81.19 -1.80 -1.18	77.54 -1.61 -2.47	72.59 -1.54 -1.02	72.18 -1.45 -1.33	74.70 -1.44 -3.99
BROOKHAVEN___DRP 24191	163.86 12.66 -53.86	157.03 14.24 -26.08	153.14 14.27 -16.88	152.80 15.27 0.00	156.80 15.28 0.00	165.85 16.17 0.00	182.15 17.43 -31.69	199.85 17.60 -51.92	186.75 19.06 -30.54	160.98 11.50 -39.92	140.21 11.64 -28.22	124.65 9.75 -27.10	116.28 9.19 -19.56	117.68 8.99 -21.42	126.04 9.36 -29.25	142.12 8.67 -45.83	157.34 10.45 -59.08	189.80 11.37 -90.27	177.30 11.30 -77.74	162.19 9.82 -70.57	153.68 8.74 -68.25	149.66 8.77 -67.78	144.04 8.39 -63.36	138.19 8.51 -57.52
BROOKLYN_NAVY_YARD 23515	159.30 8.08 -53.87	152.02 9.22 -26.09	148.14 9.27 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.84 10.11 -31.70	192.44 10.17 -51.94	179.35 11.65 -30.55	159.35 9.86 -39.93	131.39 8.03 -23.01	117.24 7.03 -22.41	113.21 6.91 -18.77	112.30 6.72 -18.31	117.93 6.73 -23.77	125.67 6.57 -31.48	139.78 6.94 -45.04	155.73 6.88 -60.69	154.08 7.06 -58.76	141.64 6.46 -53.37	141.47 5.99 -58.80	123.63 5.55 -44.97	122.02 5.27 -44.46	127.19 4.76 -50.27
BROOKLYN___ARMY_DRP 323595	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
BROOKVLE_69_KV_TB1 55790	160.84 9.64 -53.86	153.88 11.09 -26.08	150.22 11.35 -16.88	149.50 11.97 0.00	153.54 12.03 0.00	161.95 12.27 0.00	176.96 12.24 -31.69	194.38 12.12 -51.92	181.27 13.58 -30.54	160.32 10.85 -39.92	138.11 9.53 -28.22	123.33 8.43 -27.10	115.32 8.23 -19.56	116.81 8.12 -21.42	124.73 8.04 -29.25	141.60 8.15 -45.83	155.32 8.43 -59.08	187.85 8.73 -90.96	175.40 8.74 -78.41	160.15 7.77 -70.57	152.22 7.29 -68.25	147.69 6.80 -67.78	142.23 6.58 -63.36	135.81 6.13 -57.52
BROOME_2_LFGE 323671	115.54 0.87 -17.32	125.45 0.35 -8.39	127.54 0.12 -5.43	137.26 -0.27 0.00	141.37 -0.14 0.00	149.38 -0.30 0.00	142.96 -0.27 -10.19	143.45 -1.05 -14.17	146.13 -0.95 -9.93	121.75 -0.55 -12.74	106.31 -0.81 -6.77	94.30 -0.71 -7.21	92.40 -0.88 -5.74	91.41 -0.87 -5.01	93.47 -0.87 -6.91	97.06 -0.70 -10.15	103.88 0.18 -15.89	110.78 -0.18 -22.79	109.99 0.18 -21.55	101.07 0.00 -19.27	96.55 -0.46 -20.32	88.33 -0.59 -15.81	87.50 -0.50 -15.71	87.96 -0.36 -16.17
BROOME___LFGE 323600	115.54 0.87 -17.32	125.45 0.35 -8.39	127.54 0.12 -5.43	137.26 -0.27 0.00	141.37 -0.14 0.00	149.38 -0.30 0.00	142.96 -0.27 -10.19	143.45 -1.05 -14.17	146.13 -0.95 -9.93	121.75 -0.55 -12.74	106.31 -0.81 -6.77	94.30 -0.71 -7.21	92.40 -0.88 -5.74	91.41 -0.87 -5.01	93.47 -0.87 -6.91	97.06 -0.70 -10.15	103.88 0.18 -15.89	110.78 -0.18 -22.79	109.99 0.18 -21.55	101.07 0.00 -19.27	96.55 -0.46 -20.32	88.33 -0.59 -15.81	87.50 -0.50 -15.71	87.96 -0.36 -16.17
BROWNFLS_115KV_TB_3_5 80003	98.82 0.10 -1.38	117.61 0.23 -0.67	122.67 0.24 -0.43	137.95 0.41 0.00	141.94 0.42 0.00	150.13 0.45 0.00	133.18 -0.67 -0.81	131.66 0.00 -1.33	137.11 -0.41 -0.37	109.70 -0.88 -1.02	100.44 -0.50 -0.59	87.49 -0.88 -0.57	86.96 -1.05 -0.48	86.69 -1.05 -0.47	87.08 -0.96 -0.61	87.23 -0.88 -0.49	87.90 -0.35 -0.44	87.57 -0.71 -0.12	88.02 -0.62 -0.38	81.62 -0.57 -0.38	76.71 -0.77 -0.79	72.93 -0.51 -0.33	72.00 -0.72 -0.43	72.93 -0.51 -1.28
BROWNSV1_27_KV_LOAD 356125	160.37 9.15 -53.87	153.07 10.27 -26.09	149.49 10.61 -16.88	148.82 11.28 0.00	152.98 11.46 0.00	161.65 11.97 0.00	176.17 11.44 -31.70	193.61 11.34 -51.94	180.59 12.89 -30.55	160.33 10.85 -39.93	132.09 8.73 -23.01	117.94 7.73 -22.41	113.82 7.53 -18.77	113.00 7.42 -18.31	118.55 7.34 -23.77	126.46 7.36 -31.48	140.49 7.64 -45.04	156.26 7.93 -60.16	154.37 7.85 -58.26	142.21 7.04 -53.37	142.08 6.60 -58.80	124.22 6.14 -44.97	122.60 5.86 -44.46	127.84 5.41 -50.27
BURROWS___LYONSDAL 23803	102.29 3.21 -1.73	121.17 3.62 -0.84	126.20 3.66 -0.54	141.39 3.85 0.00	145.33 3.82 0.00	154.32 4.64 0.00	137.78 3.72 -1.02	135.79 3.78 -1.67	141.32 3.70 -0.47	113.69 2.85 -1.28	103.30 2.21 -0.74	90.19 1.67 -0.72	89.18 1.05 -0.60	89.00 1.13 -0.59	89.42 1.22 -0.76	89.81 1.58 -0.61	90.39 2.02 -0.56	90.60 2.29 -0.15	90.94 2.21 -0.48	84.01 1.72 -0.48	79.15 1.46 -1.00	74.84 1.32 -0.41	73.84 1.01 -0.54	74.71 0.94 -1.62
CAITHNESS_CC_1 323624	162.30 11.09 -53.86	155.63 12.84 -26.08	152.17 13.30 -16.88	151.97 14.44 0.00	155.95 14.44 0.00	164.05 14.37 0.00	180.54 15.82 -31.69	197.89 15.63 -51.92	184.55 16.86 -30.54	160.22 10.74 -39.92	140.11 11.54 -28.22	124.56 9.66 -27.10	116.28 9.19 -19.56	117.69 8.99 -21.42	125.00 8.31 -29.25	142.13 8.68 -45.83	157.42 10.53 -59.08	189.81 11.38 -90.27	177.91 11.91 -77.74	162.27 9.89 -70.57	153.67 8.74 -68.25	148.72 7.83 -67.78	143.96 8.31 -63.36	138.12 8.44 -57.52
CALPINE BETH_PAGE_GT4 24209	160.36 9.15 -53.86	153.18 10.39 -26.08	149.48 10.61 -16.88	148.68 11.14 0.00	152.69 11.18 0.00	160.91 11.23 0.00	176.16 11.44 -31.69	193.60 11.34 -51.92	180.44 12.75 -30.54	159.44 9.97 -39.92	137.50 8.93 -28.22	122.72 7.81 -27.10	114.79 7.70 -19.56	116.29 7.59 -21.42	124.21 7.52 -29.25	141.07 7.62 -45.83	154.79 7.90 -59.08	186.96 8.20 -90.60	174.53 8.21 -78.06	159.66 7.28 -70.57	151.76 6.83 -68.25	147.25 6.36 -67.78	141.80 6.14 -63.36	135.38 5.70 -57.52
CALPINE_BETH_PAGE_GT_4 323586	159.28 8.08 -53.86	152.24 9.45 -26.08	148.88 10.01 -16.88	148.40 10.86 0.00	152.13 10.62 0.00	160.00 10.32 0.00	174.70 9.98 -31.69	192.29 10.04 -51.92	178.94 11.25 -30.54	159.00 9.53 -39.92	137.50 8.93 -28.22	122.71 7.81 -27.10	114.79 7.70 -19.56	116.28 7.59 -21.42	124.29 7.60 -29.25	141.07 7.62 -45.83	154.88 7.99 -59.08	186.97 8.20 -90.60	174.61 8.29 -78.06	159.82 7.44 -70.57	151.76 6.82 -68.25	147.25 6.36 -67.78	141.79 6.14 -63.36	135.38 5.70 -57.52
CALPINE_BP_GT1 23823	159.28 8.08 -53.86	152.24 9.45 -26.08	148.88 10.01 -16.88	148.40 10.86 0.00	152.13 10.62 0.00	160.00 10.32 0.00	174.70 9.98 -31.69	192.29 10.04 -51.92	178.94 11.25 -30.54	159.00 9.53 -39.92	137.50 8.93 -28.22	122.71 7.81 -27.10	114.79 7.70 -19.56	116.28 7.59 -21.42	124.29 7.60 -29.25	141.07 7.62 -45.83	154.88 7.99 -59.08	186.97 8.20 -90.60	174.61 8.29 -78.06	159.82 7.44 -70.57	151.76 6.82 -68.25	147.25 6.36 -67.78	141.79 6.14 -63.36	135.38 5.70 -57.52
CALSPAN___DRP 24200	100.88 -5.35 -8.89	113.31 -7.70 -4.30	116.24 -8.54 -2.79	126.67 -10.87 0.00	130.62 -10.90 0.00	137.11 -12.57 0.00	126.16 -12.11 -5.23	118.92 -14.34 -2.92	124.85 -15.91 -3.61	89.79 -11.39 8.38	87.66 -11.14 1.55	82.10 -9.39 -3.70	80.35 -9.63 -2.45	78.82 -9.51 -1.06	80.19 -9.53 -2.29	80.28 -9.02 -1.69	75.38 -7.81 4.61	89.27 -7.93 -9.04	83.60 -7.68 -3.02	78.87 -9.08 -6.15	78.76 -7.90 -9.97	71.10 -7.60 -5.59	73.03 -6.87 -7.61	74.24 -6.21 -8.29

CALVERTON___SOLAR 323806	162.59 11.38 -53.86	155.98 13.18 -26.08	152.53 13.66 -16.88	152.40 14.86 0.00	156.37 14.85 0.00	164.65 14.97 0.00	181.21 16.49 -31.69	198.55 16.29 -51.92	185.11 17.42 -30.54	160.32 10.85 -39.92	140.31 11.74 -28.22	124.73 9.83 -27.10	116.36 9.27 -19.56	117.77 9.08 -21.42	125.00 8.31 -29.25	142.04 8.59 -45.83	157.60 10.71 -59.08	190.07 11.64 -90.27	178.18 12.18 -77.74	162.43 10.06 -70.57	153.75 8.82 -68.25	148.72 7.83 -67.78	144.11 8.45 -63.36	138.40 8.73 -57.52
CANDIGU_WT_PWR 323617	107.15 -2.05 -11.85	118.60 -3.85 -5.74	121.32 -4.39 -3.71	131.63 -5.91 0.00	135.70 -5.81 0.00	142.95 -6.73 0.00	133.62 -6.38 -6.97	123.81 -8.08 -1.55	132.50 -8.91 -4.26	29.85 -7.23 72.48	74.19 -7.12 19.04	86.85 -5.88 -4.93	84.32 -6.21 -3.00	81.59 -6.28 -0.60	83.51 -6.30 -2.37	73.77 -6.22 7.63	25.97 -4.74 57.09	97.33 -5.47 -14.64	66.91 -4.68 16.67	87.14 -4.66 -9.99	85.03 -5.14 -13.48	76.21 -5.19 -8.29	77.84 -4.77 -10.32	78.89 -4.33 -11.06
CARR STREET_E_SYR 24060	101.07 -1.16 -4.89	117.21 -1.87 -2.37	121.45 -2.07 -1.53	134.64 -2.89 0.00	138.53 -2.98 0.00	146.53 -3.15 0.00	133.52 -2.39 -2.88	132.06 -2.99 -4.71	135.17 -3.29 -1.32	110.87 -2.31 -3.62	100.14 -2.30 -2.09	88.08 -1.76 -2.03	87.31 -1.93 -1.70	87.02 -1.92 -1.66	87.67 -1.92 -2.16	87.50 -1.84 -1.73	87.63 -1.76 -1.57	87.16 -1.41 -0.41	88.29 -1.32 -1.36	81.53 -1.64 -1.36	78.05 -1.46 -2.82	72.74 -1.54 -1.17	72.37 -1.45 -1.52	75.27 -1.44 -4.56
CARTHAGE___PAPER 23857	102.12 2.33 -2.44	120.58 2.69 -1.18	125.32 2.57 -0.76	140.14 2.61 0.00	144.06 2.55 0.00	152.97 3.29 0.00	136.99 2.52 -1.43	135.43 2.74 -2.35	140.27 2.47 -0.66	113.01 1.65 -1.81	102.50 1.11 -1.04	89.34 0.53 -1.01	88.29 -0.09 -0.85	88.19 0.09 -0.83	88.69 0.18 -1.07	89.10 0.62 -0.86	90.08 1.49 -0.78	90.22 1.85 -0.20	90.79 1.86 -0.68	83.79 1.30 -0.68	79.09 0.99 -1.41	74.64 0.95 -0.58	73.56 0.51 -0.76	74.86 0.44 -2.27
CASSADAGA_WT_PWR 323784	103.46 -3.21 -9.32	115.98 -5.25 -4.51	118.70 -6.22 -2.92	129.29 -8.25 0.00	133.30 -8.21 0.00	140.25 -9.43 0.00	129.07 -9.44 -5.48	121.36 -11.73 -2.75	128.52 -12.34 -3.72	96.09 -8.98 4.48	90.87 -8.93 0.55	83.77 -7.90 -3.88	81.93 -8.14 -2.53	80.25 -8.03 -1.00	81.62 -8.13 -2.31	82.18 -7.80 -2.36	81.16 -5.44 1.21	90.90 -6.79 -9.53	87.36 -5.74 -4.83	82.63 -5.57 -6.39	80.58 -6.60 -10.48	72.27 -6.65 -5.81	74.37 -5.93 -8.00	75.59 -5.26 -8.70
CE_DUNWOOD___DRP 24194	158.51 7.40 -53.76	151.27 8.52 -26.03	147.50 8.66 -16.85	146.75 9.21 0.00	150.99 9.48 0.00	159.56 9.88 0.00	174.11 9.45 -31.63	191.42 9.25 -51.83	178.19 10.56 -30.49	158.16 8.76 -39.84	130.64 7.33 -22.96	116.57 6.41 -22.37	112.56 6.30 -18.73	111.74 6.20 -18.27	117.27 6.12 -23.72	125.25 6.22 -31.42	139.17 6.41 -44.95	154.82 6.61 -60.04	153.02 6.62 -58.14	140.96 5.89 -53.26	140.88 5.52 -58.67	123.10 5.12 -44.88	121.65 4.99 -44.37	126.87 4.55 -50.17
CE_MILLWOOD___DRP 24193	158.01 7.11 -53.55	150.82 8.17 -25.93	147.19 8.42 -16.78	146.48 8.94 0.00	150.71 9.20 0.00	159.26 9.58 0.00	173.72 9.18 -31.51	190.95 8.99 -51.63	177.67 10.15 -30.37	157.79 8.55 -39.69	130.35 7.12 -22.87	116.31 6.23 -22.28	112.31 6.13 -18.65	111.49 6.02 -18.20	117.01 5.95 -23.62	124.96 6.05 -31.30	138.82 6.23 -44.78	154.41 6.44 -59.81	152.62 6.44 -57.92	140.59 5.73 -53.06	140.51 5.37 -58.45	122.86 5.04 -44.71	121.33 4.84 -44.20	126.53 4.40 -49.97
CE_NYC2_DRP 24202	159.99 8.76 -53.89	152.73 9.92 -26.10	149.00 10.13 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.42 10.30 -49.56	131.69 8.33 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	126.02 6.92 -31.48	140.05 7.20 -45.04	155.92 7.58 -60.17	154.12 7.59 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
CE_NYC_DRP 24195	159.59 8.37 -53.87	152.26 9.45 -26.09	148.51 9.64 -16.88	147.85 10.32 0.00	151.98 10.47 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.70 10.43 -51.93	179.63 11.93 -30.55	159.45 9.97 -39.93	131.39 8.03 -23.01	117.24 7.02 -22.41	113.21 6.91 -18.77	112.30 6.72 -18.31	117.93 6.73 -23.77	125.76 6.66 -31.48	139.78 6.94 -45.04	155.35 7.14 -60.05	153.36 7.15 -57.95	141.56 6.38 -53.37	141.46 5.98 -58.79	123.63 5.56 -44.97	122.02 5.28 -44.46	127.26 4.83 -50.27
CHAFFEE___LFGE 323603	101.52 -5.07 -9.24	113.71 -7.47 -4.47	116.59 -8.30 -2.89	127.08 -10.46 0.00	131.19 -10.32 0.00	138.16 -11.52 0.00	127.16 -11.31 -5.43	119.39 -13.82 -2.88	126.33 -14.54 -3.72	93.34 -10.85 5.37	89.06 -10.54 0.76	82.51 -9.13 -3.84	80.69 -9.36 -2.53	79.07 -9.25 -1.05	80.41 -9.35 -2.33	80.83 -9.02 -2.24	78.80 -7.03 1.98	89.40 -8.20 -9.43	85.62 -7.06 -4.43	81.30 -6.87 -6.37	79.48 -7.59 -10.38	71.37 -7.53 -5.79	73.50 -6.72 -7.93	74.79 -5.99 -8.62
CHATEAUG_35_KV_LOAD 355732	95.59 -1.75 0.00	115.20 -1.52 0.00	120.53 -1.46 0.00	136.30 -1.24 0.00	140.52 -0.99 0.00	148.48 -1.20 0.00	131.04 -2.00 0.00	129.42 -0.91 0.00	135.91 -1.23 0.00	107.80 -1.75 0.00	99.45 -0.90 0.00	86.66 -1.14 0.00	86.65 -0.88 0.00	86.31 -0.96 0.00	86.47 -0.96 0.00	86.48 -1.14 0.00	86.67 -1.14 0.00	86.22 -1.94 0.00	86.32 -1.94 0.00	80.17 -1.64 0.00	74.69 -1.99 0.00	71.35 -1.75 0.00	70.27 -2.02 0.00	70.64 -1.52 0.00
CHATEAUG_WT_PWR 323614	95.69 -1.66 0.00	115.32 -1.40 0.00	120.65 -1.34 0.00	136.43 -1.11 0.00	140.67 -0.84 0.00	148.64 -1.04 0.00	130.90 -2.13 0.00	129.29 -1.05 0.00	135.78 -1.37 0.00	107.80 -1.76 0.00	99.35 -1.00 0.00	86.65 -1.14 0.00	86.57 -0.96 0.00	86.23 -1.04 0.00	86.48 -0.96 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.31 -1.86 0.00	85.96 -2.30 0.00	79.68 -2.13 0.00	74.46 -2.23 0.00	71.14 -1.97 0.00	70.05 -2.24 0.00	70.50 -1.66 0.00
CHAT_HIGH_FALL_HYD 323578	95.59 -1.75 0.00	115.20 -1.52 0.00	120.53 -1.46 0.00	136.30 -1.24 0.00	140.52 -0.99 0.00	148.48 -1.20 0.00	131.04 -2.00 0.00	129.42 -0.91 0.00	135.91 -1.23 0.00	107.80 -1.75 0.00	99.45 -0.90 0.00	86.66 -1.14 0.00	86.65 -0.88 0.00	86.31 -0.96 0.00	86.47 -0.96 0.00	86.48 -1.14 0.00	86.67 -1.14 0.00	86.22 -1.94 0.00	86.32 -1.94 0.00	80.17 -1.64 0.00	74.69 -1.99 0.00	71.35 -1.75 0.00	70.27 -2.02 0.00	70.64 -1.52 0.00
CHAUTAUQUA___LFGE 323629	102.41 -4.00 -9.06	114.80 -6.30 -4.39	117.64 -7.20 -2.84	127.91 -9.63 0.00	131.89 -9.63 0.00	138.76 -10.92 0.00	127.85 -10.51 -5.33	120.13 -13.03 -2.82	126.67 -14.12 -3.65	91.94 -10.30 7.32	88.82 -10.24 1.29	82.97 -8.60 -3.77	81.17 -8.84 -2.48	79.49 -8.81 -1.03	80.90 -8.83 -2.29	80.91 -8.58 -1.87	77.12 -7.03 3.66	89.82 -7.58 -9.24	85.02 -6.79 -3.56	81.26 -6.79 -6.24	79.74 -7.13 -10.18	71.62 -7.16 -5.67	73.70 -6.36 -7.77	74.91 -5.70 -8.46
CHERRYST_13_KV_LD 356241	159.88 8.66 -53.87	152.61 9.80 -26.09	148.88 10.00 -16.88	148.13 10.59 0.00	152.41 10.90 0.00	160.91 11.23 0.00	175.64 10.91 -31.70	193.09 10.82 -51.93	180.04 12.34 -30.55	159.89 10.41 -39.93	131.69 8.33 -23.01	117.50 7.29 -22.41	113.47 7.18 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	126.02 6.92 -31.48	140.05 7.20 -45.04	155.71 7.49 -60.05	153.62 7.41 -57.95	141.80 6.63 -53.37	141.69 6.21 -58.79	123.85 5.78 -44.97	122.24 5.49 -44.46	127.48 5.05 -50.27

CHESTROR_138KV_BK263 355645	153.37 5.94 -50.08	147.73 6.77 -24.25	144.64 6.95 -15.70	144.96 7.43 0.00	149.01 7.50 0.00	157.61 7.93 0.00	169.95 7.45 -29.47	185.91 7.30 -48.28	173.90 8.37 -28.38	153.58 6.90 -37.12	127.46 5.72 -21.39	113.64 5.00 -20.84	109.88 4.90 -17.45	109.09 4.80 -17.02	114.34 4.81 -22.09	121.78 4.91 -29.25	134.83 5.18 -41.84	149.38 5.38 -55.83	147.72 5.38 -54.08	136.09 4.74 -49.54	135.69 4.37 -54.63	119.03 4.17 -41.75	117.57 3.98 -41.30	122.50 3.61 -46.74
CH_MIDHUDSON___DRP 24192	159.36 7.20 -54.81	151.66 8.40 -26.54	147.83 8.66 -17.18	146.89 9.35 0.00	150.99 9.48 0.00	159.71 10.03 0.00	174.59 9.31 -32.25	192.29 9.12 -52.83	178.72 10.29 -31.29	158.61 8.44 -40.62	130.98 7.23 -23.41	116.92 6.32 -22.80	112.75 6.13 -19.09	111.92 6.02 -18.62	117.65 6.03 -24.18	125.94 6.13 -32.19	140.39 6.41 -46.18	157.01 6.70 -62.15	154.93 6.62 -60.05	142.63 5.81 -55.02	142.30 5.44 -60.17	124.58 5.19 -46.28	122.94 5.06 -45.58	127.92 4.62 -51.14
CH_MISC_IPPS 23765	158.81 7.60 -53.86	151.66 8.87 -26.08	148.03 9.15 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.31 10.63 0.00	174.57 9.84 -31.69	192.04 9.78 -51.92	178.70 10.83 -30.72	158.56 9.09 -39.92	131.19 7.83 -23.00	116.88 6.67 -22.41	112.86 6.57 -18.76	112.03 6.46 -18.30	117.57 6.38 -23.76	125.80 6.57 -31.61	140.00 6.85 -45.33	156.25 7.14 -60.95	154.41 7.24 -58.91	142.16 6.39 -53.97	141.68 5.91 -59.09	124.15 5.63 -45.42	122.47 5.42 -44.75	127.32 4.91 -50.26
CH_RES_BVR_FALLS 23983	95.60 -1.75 0.00	114.97 -1.75 0.00	120.17 -1.83 0.00	135.75 -1.79 0.00	139.82 -1.69 0.00	147.73 -1.95 0.00	130.90 -2.13 0.00	128.78 -1.56 0.00	135.23 -1.92 0.00	107.47 -2.08 0.00	98.74 -1.61 0.00	86.22 -1.58 0.00	86.04 -1.49 0.00	85.71 -1.57 0.00	85.86 -1.57 0.00	85.87 -1.75 0.00	85.88 -1.93 0.00	85.87 -2.29 0.00	85.70 -2.56 0.00	79.68 -2.13 0.00	74.62 -2.07 0.00	71.28 -1.82 0.00	70.41 -1.88 0.00	70.42 -1.73 0.00
CH_RES_NIAGARA 23895	98.84 -6.72 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.17 0.00	127.22 -14.29 0.00	133.51 -16.17 0.00	122.83 -15.03 -4.83	115.41 -17.99 -3.06	118.90 -21.67 -3.42	90.82 -13.37 5.37	86.39 -13.25 0.72	80.15 -11.06 -3.42	78.54 -11.29 -2.30	77.30 -11.08 -1.10	78.64 -11.02 -2.22	79.89 -9.73 -2.00	74.76 -10.71 2.33	86.75 -9.70 -8.29	81.30 -10.59 -3.63	76.59 -10.96 -5.74	76.66 -9.20 -9.17	69.48 -8.85 -5.21	71.33 -7.95 -6.99	72.96 -6.85 -7.66
CH_RES_SYRACUSE 23985	102.52 -0.29 -5.47	118.42 -0.94 -2.65	122.61 -1.10 -1.71	135.75 -1.79 0.00	139.82 -1.69 0.00	147.73 -1.95 0.00	134.92 -1.33 -3.22	133.78 -1.82 -5.27	136.57 -2.05 -1.47	112.30 -1.31 -4.05	101.28 -1.41 -2.33	89.11 -0.96 -2.27	88.29 -1.14 -1.90	88.00 -1.14 -1.86	88.62 -1.22 -2.41	88.41 -1.14 -1.94	88.61 -0.96 -1.76	88.01 -0.61 -0.46	89.16 -0.61 -1.52	82.43 -0.90 -1.52	79.08 -0.77 -3.16	73.54 -0.87 -1.31	73.20 -0.79 -1.70	76.46 -0.79 -5.10
CLINTON_WT_PWR 323605	95.69 -1.66 0.00	115.32 -1.40 0.00	120.65 -1.34 0.00	136.43 -1.11 0.00	140.67 -0.84 0.00	148.64 -1.04 0.00	130.90 -2.13 0.00	129.29 -1.05 0.00	135.78 -1.37 0.00	107.80 -1.76 0.00	99.35 -1.00 0.00	86.65 -1.14 0.00	86.57 -0.96 0.00	86.23 -1.04 0.00	86.48 -0.96 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.31 -1.86 0.00	85.96 -2.30 0.00	79.68 -2.13 0.00	74.46 -2.23 0.00	71.14 -1.97 0.00	70.05 -2.24 0.00	70.50 -1.66 0.00
CLINTON___LFGE 323618	97.25 -0.10 0.00	117.18 0.47 0.00	122.48 0.49 0.00	138.37 0.83 0.00	142.78 1.27 0.00	150.74 1.06 0.00	132.37 -0.66 0.00	130.99 0.65 0.00	137.42 0.27 0.00	109.23 -0.33 0.00	100.45 0.10 0.00	87.80 0.00 0.00	87.79 0.26 0.00	87.36 0.09 0.00	87.52 0.09 0.00	87.62 0.00 0.00	87.81 0.00 0.00	87.55 -0.61 0.00	87.02 -1.24 0.00	80.83 -0.98 0.00	75.61 -1.07 0.00	72.23 -0.87 0.00	71.13 -1.16 0.00	71.72 -0.43 0.00
COBBLENY_34_KV_TB1 80064	101.42 -5.16 -9.24	113.72 -7.47 -4.47	116.59 -8.30 -2.89	127.08 -10.45 0.00	131.04 -10.47 0.00	137.71 -11.97 0.00	126.63 -11.84 -5.43	119.40 -13.82 -2.88	125.92 -14.95 -3.72	93.34 -10.85 5.37	88.96 -10.64 0.76	82.51 -9.13 -3.84	80.69 -9.37 -2.53	79.07 -9.25 -1.05	80.50 -9.27 -2.33	81.00 -8.85 -2.24	78.80 -7.02 1.98	89.92 -7.67 -9.43	85.80 -6.88 -4.43	79.50 -8.67 -6.37	79.48 -7.59 -10.38	71.44 -7.46 -5.79	73.49 -6.72 -7.93	74.78 -5.99 -8.62
COFFEEN___115KV_TB3 355620	104.22 4.09 -2.79	122.62 4.55 -1.35	127.38 4.51 -0.87	142.21 4.68 0.00	145.90 4.39 0.00	155.22 5.54 0.00	139.60 4.92 -1.64	137.98 4.95 -2.69	142.42 4.53 -0.75	115.13 3.51 -2.07	104.05 2.51 -1.19	90.63 1.67 -1.16	89.64 1.14 -0.97	89.62 1.40 -0.95	90.15 1.49 -1.23	90.79 2.19 -0.99	91.96 3.25 -0.90	92.36 3.97 -0.23	93.00 3.97 -0.77	85.61 3.03 -0.77	80.98 2.68 -1.61	76.19 2.41 -0.67	74.97 1.81 -0.87	76.42 1.66 -2.60
COLDSPRG_115KV_BK1 355956	104.15 -2.92 -9.72	116.75 -4.67 -4.71	119.43 -5.61 -3.05	130.94 -6.60 0.00	135.00 -6.51 0.00	141.75 -7.93 0.00	130.11 -8.65 -5.72	122.93 -10.04 -2.63	131.51 -9.46 -3.82	102.10 -7.45 0.01	93.64 -7.33 -0.62	84.64 -7.20 -4.05	82.79 -7.35 -2.62	81.00 -7.24 -0.97	82.34 -7.43 -2.34	83.75 -7.01 -3.14	87.49 -2.99 -2.67	92.59 -5.55 -9.98	92.19 -2.91 -6.85	81.88 -6.54 -6.62	81.59 -6.06 -10.96	73.07 -6.07 -6.03	75.17 -5.49 -8.37	76.39 -4.83 -9.07
COLONIE_LFGE___ 323577	169.88 5.84 -66.69	155.89 6.88 -32.30	150.09 7.20 -20.90	145.51 7.97 0.00	149.72 8.20 0.00	158.51 8.83 0.00	180.12 7.85 -39.24	201.92 7.29 -64.29	221.60 7.81 -76.64	165.23 6.24 -49.43	134.75 5.92 -28.48	120.81 5.27 -27.75	115.93 5.16 -23.23	115.09 5.15 -22.66	122.01 5.16 -29.42	161.85 5.26 -68.97	215.88 5.36 -122.72	344.22 5.38 -250.68	312.17 5.38 -218.53	287.34 4.91 -200.62	220.96 4.52 -139.75	233.32 4.39 -155.83	198.70 4.41 -121.99	138.72 4.33 -62.24
COOPERNY_115KV_TB1 80082	142.61 4.48 -40.79	141.48 5.02 -19.75	139.90 5.12 -12.78	142.90 5.36 0.00	147.03 5.52 0.00	155.52 5.84 0.00	162.62 5.59 -24.00	175.00 5.34 -39.32	166.39 6.03 -23.20	144.93 5.15 -30.23	121.99 4.21 -17.42	108.46 3.69 -16.97	105.33 3.59 -14.21	104.63 3.49 -13.86	108.93 3.50 -17.99	115.10 3.59 -23.89	125.90 3.86 -34.23	137.96 3.97 -45.83	136.56 3.97 -44.33	125.85 3.44 -40.61	124.55 3.22 -44.65	110.32 3.00 -34.21	108.97 2.89 -33.79	112.89 2.67 -38.06
COPENHAGEN_WT_PWR 323753	103.05 2.82 -2.88	121.26 3.15 -1.40	125.95 3.05 -0.90	140.43 2.89 0.00	144.19 2.68 0.00	153.27 3.59 0.00	137.79 3.06 -1.70	136.24 3.12 -2.78	140.67 2.74 -0.78	113.77 2.08 -2.14	102.88 1.30 -1.23	89.79 0.79 -1.20	88.80 0.26 -1.00	88.69 0.44 -0.98	89.24 0.53 -1.27	89.77 1.14 -1.02	90.76 2.02 -0.93	90.96 2.56 -0.24	91.70 2.65 -0.80	84.41 1.80 -0.80	79.97 1.61 -1.67	75.26 1.46 -0.69	74.13 0.94 -0.90	75.71 0.87 -2.69
CORNELL_____ 23752	111.98 2.63 -12.00	124.86 2.33 -5.81	127.95 2.20 -3.76	139.46 1.93 0.00	143.64 2.12 0.00	151.78 2.10 0.00	142.49 2.39 -7.06	169.78 1.82 -37.62	153.56 1.78 -14.63	126.09 1.64 -14.89	114.28 1.00 -12.92	93.76 0.97 -4.99	95.39 0.70 -7.16	101.09 0.70 -13.12	101.05 0.79 -12.83	103.19 1.14 -14.44	104.56 1.67 -15.08	105.84 2.03 -15.65	107.00 2.03 -16.72	104.42 1.31 -21.31	91.90 1.23 -13.99	91.68 0.95 -17.62	83.95 0.87 -10.79	84.30 0.94 -11.20

CORONA__69_KV_TB1 355595	160.65 9.44 -53.86	153.65 10.85 -26.08	149.97 11.10 -16.88	149.37 11.83 0.00	153.40 11.89 0.00	161.65 11.97 0.00	176.69 11.97 -31.69	194.12 11.86 -51.92	180.85 13.17 -30.54	160.10 10.63 -39.92	137.90 9.33 -28.22	123.07 8.17 -27.10	115.14 8.05 -19.56	116.64 7.94 -21.42	124.56 7.87 -29.25	141.42 7.97 -45.83	155.15 8.25 -59.08	188.63 8.20 -92.27	176.12 8.21 -79.66	159.90 7.53 -70.57	152.06 7.13 -68.25	147.54 6.65 -67.78	142.09 6.43 -63.36	135.67 5.99 -57.52
CORTLAND__115KV_TB3 80093	108.71 1.65 -9.71	122.81 1.40 -4.70	126.38 1.34 -3.04	138.50 0.96 0.00	142.64 1.13 0.00	150.73 1.05 0.00	139.94 1.20 -5.71	147.48 0.78 -16.36	145.66 0.82 -7.69	117.79 0.77 -7.47	106.64 0.40 -5.88	92.28 0.44 -4.04	91.89 0.18 -4.18	93.18 0.17 -5.73	93.92 0.17 -6.31	95.58 0.44 -7.53	97.27 0.97 -8.50	99.33 1.15 -10.03	98.92 1.15 -9.51	93.01 0.57 -10.63	88.20 0.54 -10.98	82.87 0.37 -9.39	81.05 0.36 -8.40	81.57 0.36 -9.06
COXSACKIE__GT 23611	167.92 7.79 -62.78	156.45 9.34 -30.40	151.43 9.76 -19.67	150.18 12.65 0.00	154.25 12.74 0.00	163.16 13.48 0.00	180.21 10.24 -36.94	201.41 10.55 -60.52	197.34 11.10 -49.09	164.64 8.55 -46.53	134.69 7.53 -26.81	119.89 5.97 -26.12	115.26 5.87 -21.87	114.28 5.67 -21.33	120.99 5.86 -27.69	141.21 6.48 -47.11	170.94 7.38 -75.75	227.49 7.94 -131.39	215.11 8.03 -118.82	197.76 6.95 -109.01	174.83 6.36 -91.78	166.34 6.00 -87.24	153.07 5.71 -75.07	136.00 5.26 -58.58
CPV__VALLEY__CC1 323721	148.97 4.87 -46.75	144.96 5.60 -22.64	142.38 5.73 -14.65	143.58 6.04 0.00	147.59 6.08 0.00	155.97 6.29 0.00	166.66 6.12 -27.51	181.41 6.00 -45.07	170.48 6.85 -26.48	150.01 5.80 -34.65	125.14 4.82 -19.97	111.46 4.21 -19.45	107.93 4.11 -16.29	107.26 4.10 -15.89	112.08 4.02 -20.63	119.03 4.12 -27.30	131.14 4.30 -39.03	144.69 4.49 -52.04	143.25 4.59 -50.41	131.99 4.01 -46.18	131.34 3.68 -50.97	115.48 3.44 -38.93	114.15 3.33 -38.53	118.74 2.96 -43.63
CPV__VALLEY__CC2 323722	148.97 4.87 -46.75	144.96 5.60 -22.64	142.38 5.73 -14.65	143.58 6.04 0.00	147.59 6.08 0.00	155.97 6.29 0.00	166.66 6.12 -27.51	181.41 6.00 -45.07	170.48 6.85 -26.48	150.01 5.80 -34.65	125.14 4.82 -19.97	111.46 4.21 -19.45	107.93 4.11 -16.29	107.26 4.10 -15.89	112.08 4.02 -20.63	119.03 4.12 -27.30	131.14 4.30 -39.03	144.69 4.49 -52.04	143.25 4.59 -50.41	131.99 4.01 -46.18	131.34 3.68 -50.97	115.48 3.44 -38.93	114.15 3.33 -38.53	118.74 2.96 -43.63
CRESCENT__HYD 24018	169.88 5.84 -66.69	155.89 6.88 -32.30	150.09 7.20 -20.90	145.51 7.97 0.00	149.72 8.20 0.00	158.51 8.83 0.00	180.12 7.85 -39.24	201.92 7.29 -64.29	221.60 7.81 -76.64	165.23 6.24 -49.43	134.75 5.92 -28.48	120.81 5.27 -27.75	115.93 5.16 -23.23	115.09 5.15 -22.66	122.01 5.16 -29.42	161.85 5.26 -68.97	215.88 5.36 -122.72	344.22 5.38 -250.68	312.17 5.38 -218.53	287.34 4.91 -200.62	220.96 4.52 -139.75	233.32 4.39 -155.83	198.70 4.41 -121.99	138.72 4.33 -62.24
CRICKET__VALLEY_CC1 323756	160.39 6.42 -56.62	151.61 7.48 -27.42	147.43 7.69 -17.74	145.93 8.39 0.00	150.00 8.49 0.00	158.66 8.98 0.00	174.60 8.25 -33.31	192.87 7.95 -54.58	178.91 8.79 -32.98	158.75 7.23 -41.96	131.05 6.52 -24.18	117.15 5.79 -23.56	112.94 5.69 -19.72	112.18 5.67 -19.24	118.01 5.60 -24.98	127.07 5.69 -33.76	142.27 5.62 -48.84	161.08 5.73 -67.19	158.60 5.82 -64.52	146.16 5.24 -59.12	144.82 4.83 -63.29	127.23 4.61 -49.51	125.15 4.63 -48.22	129.39 4.40 -52.84
CRICKET__VALLEY_CC2 323757	160.39 6.42 -56.62	151.61 7.48 -27.42	147.43 7.69 -17.74	145.93 8.39 0.00	150.00 8.49 0.00	158.66 8.98 0.00	174.60 8.25 -33.31	192.87 7.95 -54.58	178.91 8.79 -32.98	158.75 7.23 -41.96	131.05 6.52 -24.18	117.15 5.79 -23.56	112.94 5.69 -19.72	112.18 5.67 -19.24	118.01 5.60 -24.98	127.07 5.69 -33.76	142.27 5.62 -48.84	161.08 5.73 -67.19	158.60 5.82 -64.52	146.16 5.24 -59.12	144.82 4.83 -63.29	127.23 4.61 -49.51	125.15 4.63 -48.22	129.39 4.40 -52.84
CRICKET__VALLEY_CC3 323758	160.39 6.42 -56.62	151.61 7.48 -27.42	147.43 7.69 -17.74	145.93 8.39 0.00	150.00 8.49 0.00	158.66 8.98 0.00	174.60 8.25 -33.31	192.87 7.95 -54.58	178.91 8.79 -32.98	158.75 7.23 -41.96	131.05 6.52 -24.18	117.15 5.79 -23.56	112.94 5.69 -19.72	112.18 5.67 -19.24	118.01 5.60 -24.98	127.07 5.69 -33.76	142.27 5.62 -48.84	161.08 5.73 -67.19	158.60 5.82 -64.52	146.16 5.24 -59.12	144.82 4.83 -63.29	127.23 4.61 -49.51	125.15 4.63 -48.22	129.39 4.40 -52.84
CRUCIBLE__METL_DRP 24180	102.52 -0.29 -5.47	118.43 -0.93 -2.65	122.61 -1.10 -1.71	135.89 -1.65 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	134.92 -1.33 -3.22	133.78 -1.82 -5.27	136.56 -2.06 -1.47	112.29 -1.31 -4.05	101.28 -1.40 -2.33	89.11 -0.97 -2.27	88.30 -1.14 -1.90	88.00 -1.13 -1.86	88.71 -1.14 -2.41	88.50 -1.05 -1.94	88.60 -0.97 -1.76	88.09 -0.53 -0.46	88.98 -0.79 -1.52	82.42 -0.90 -1.52	79.08 -0.77 -3.16	73.61 -0.80 -1.31	73.20 -0.80 -1.70	76.46 -0.79 -5.10
DAHOWA__HYDRO 323763	173.32 8.27 -67.70	159.18 9.68 -32.79	153.57 10.36 -21.22	148.95 11.41 0.00	153.12 11.61 0.00	162.25 12.57 0.00	184.43 11.57 -39.83	206.67 11.07 -65.27	234.04 11.80 -85.10	168.82 9.09 -50.18	137.19 7.93 -28.91	122.63 6.67 -28.17	117.76 6.65 -23.58	116.83 6.55 -23.01	123.94 6.64 -29.87	170.37 7.09 -75.66	232.61 7.64 -137.17	383.45 7.58 -287.71	345.31 7.59 -249.47	317.82 6.95 -229.06	237.59 6.44 -154.46	256.33 6.14 -177.08	214.80 6.07 -136.44	141.25 5.92 -63.18
DANC__LFGE 323619	101.82 1.07 -3.40	119.18 0.82 -1.65	123.79 0.74 -1.07	137.81 0.28 0.00	141.51 0.00 0.00	150.13 0.45 0.00	135.57 0.53 -2.00	134.01 0.39 -3.28	138.06 0.00 -0.92	112.19 0.11 -2.52	101.40 -0.40 -1.45	88.78 -0.44 -1.41	87.84 -0.88 -1.18	87.64 -0.79 -1.16	88.23 -0.70 -1.50	88.47 -0.35 -1.20	89.17 0.26 -1.10	89.24 0.79 -0.29	89.99 0.79 -0.94	83.00 0.25 -0.94	78.88 0.23 -1.96	74.07 0.15 -0.81	73.21 -0.14 -1.06	75.11 -0.22 -3.17
DANSKAMMER__1 23586	158.81 7.60 -53.86	151.66 8.87 -26.08	148.03 9.15 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.31 10.63 0.00	174.57 9.84 -31.69	192.04 9.78 -51.92	178.70 10.83 -30.72	158.56 9.09 -39.92	131.19 7.83 -23.00	116.88 6.67 -22.41	112.86 6.57 -18.76	112.03 6.46 -18.30	117.57 6.38 -23.76	125.80 6.57 -31.61	140.00 6.85 -45.33	156.25 7.14 -60.95	154.41 7.24 -58.91	142.16 6.39 -53.97	141.68 5.91 -59.09	124.15 5.63 -45.42	122.47 5.42 -44.75	127.32 4.91 -50.26
DANSKAMMER__2 23589	158.81 7.60 -53.86	151.66 8.87 -26.08	148.03 9.15 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.31 10.63 0.00	174.57 9.84 -31.69	192.04 9.78 -51.92	178.70 10.83 -30.72	158.56 9.09 -39.92	131.19 7.83 -23.00	116.88 6.67 -22.41	112.86 6.57 -18.76	112.03 6.46 -18.30	117.57 6.38 -23.76	125.80 6.57 -31.61	140.00 6.85 -45.33	156.25 7.14 -60.95	154.41 7.24 -58.91	142.16 6.39 -53.97	141.68 5.91 -59.09	124.15 5.63 -45.42	122.47 5.42 -44.75	127.32 4.91 -50.26
DANSKAMMER__3 23590	158.81 7.60 -53.86	151.66 8.87 -26.08	148.03 9.15 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.31 10.63 0.00	174.57 9.84 -31.69	192.04 9.78 -51.92	178.70 10.83 -30.72	158.56 9.09 -39.92	131.19 7.83 -23.00	116.88 6.67 -22.41	112.86 6.57 -18.76	112.03 6.46 -18.30	117.57 6.38 -23.76	125.80 6.57 -31.61	140.00 6.85 -45.33	156.25 7.14 -60.95	154.41 7.24 -58.91	142.16 6.39 -53.97	141.68 5.91 -59.09	124.15 5.63 -45.42	122.47 5.42 -44.75	127.32 4.91 -50.26

DANSKAMMER___4 23591	158.81 7.60 -53.86	151.66 8.87 -26.08	148.03 9.15 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.31 10.63 0.00	174.57 9.84 -31.69	192.04 9.78 -51.92	178.70 10.83 -30.72	158.56 9.09 -39.92	131.19 7.83 -23.00	116.88 6.67 -22.41	112.86 6.57 -18.76	112.03 6.46 -18.30	117.57 6.38 -23.76	125.80 6.57 -31.61	140.00 6.85 -45.33	156.25 7.14 -60.95	154.41 7.24 -58.91	142.16 6.39 -53.97	141.68 5.91 -59.09	124.15 5.63 -45.42	122.47 5.42 -44.75	127.32 4.91 -50.26
DANSKAMMER___DIESEL 23592	158.90 7.69 -53.86	151.78 8.99 -26.08	148.14 9.27 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.46 10.78 0.00	174.70 9.98 -31.69	192.16 9.91 -51.92	178.98 11.11 -30.72	158.68 9.20 -39.92	131.08 7.73 -23.00	116.88 6.67 -22.41	112.86 6.56 -18.76	111.95 6.37 -18.30	117.58 6.38 -23.76	125.80 6.57 -31.61	139.99 6.85 -45.33	156.34 7.23 -60.95	154.41 7.24 -58.91	142.08 6.30 -53.97	141.68 5.90 -59.09	124.15 5.63 -45.42	122.47 5.42 -44.75	127.32 4.91 -50.26
DARBY___SOLAR 323810	172.60 7.69 -67.56	158.42 8.99 -32.72	152.80 9.64 -21.17	148.13 10.59 0.00	152.26 10.75 0.00	161.36 11.68 0.00	183.43 10.65 -39.75	205.64 10.17 -65.13	232.07 10.83 -84.09	167.95 8.32 -50.07	136.43 7.23 -28.85	122.05 6.14 -28.11	117.19 6.13 -23.53	116.25 6.02 -22.96	123.45 6.21 -29.80	169.06 6.57 -74.86	230.29 7.03 -135.46	378.55 7.06 -283.33	341.13 7.06 -245.81	313.97 6.46 -225.70	235.38 5.99 -152.71	253.38 5.71 -174.56	212.66 5.64 -134.73	140.68 5.48 -63.05
DASHVILLE___HYD 23610	158.29 5.55 -55.40	150.08 6.54 -26.83	145.94 6.59 -17.36	146.06 8.53 0.00	150.29 8.77 0.00	158.81 9.13 0.00	172.68 7.05 -32.59	190.91 7.17 -53.41	179.70 8.23 -34.32	157.41 6.79 -41.06	129.63 5.62 -23.66	115.59 4.74 -23.05	111.47 4.64 -19.30	110.55 4.45 -18.83	116.33 4.46 -24.44	126.88 4.64 -34.62	144.06 4.92 -51.34	168.63 5.38 -75.09	164.54 5.38 -70.90	151.45 4.66 -64.98	146.46 4.29 -65.48	130.96 4.09 -53.76	126.86 3.83 -50.74	127.24 3.39 -51.70
DEERFIELD_69_KV_DEERFIELD LD 355887	164.93 13.73 -53.86	158.20 15.41 -26.08	154.49 15.62 -16.88	154.18 16.64 0.00	158.35 16.84 0.00	167.64 17.96 0.00	184.01 19.29 -31.69	201.68 19.42 -51.92	188.67 20.98 -30.54	162.18 12.71 -39.92	141.22 12.64 -28.22	125.53 10.62 -27.10	116.89 9.80 -19.56	118.30 9.60 -21.42	126.66 9.97 -29.25	142.74 9.29 -45.83	158.31 11.42 -59.08	190.86 12.43 -90.27	178.00 12.00 -77.74	162.60 10.23 -70.57	154.06 9.13 -68.25	150.03 9.14 -67.78	144.26 8.60 -63.36	138.84 9.16 -57.52
DELAWARE___LFGE 323621	125.03 4.38 -23.30	132.90 4.90 -11.28	134.30 5.00 -7.30	142.76 5.23 0.00	146.89 5.38 0.00	155.52 5.84 0.00	152.20 5.45 -13.71	157.88 5.08 -22.46	162.95 5.62 -20.18	131.54 4.71 -17.27	114.12 3.81 -9.95	100.74 3.25 -9.69	98.71 3.06 -8.12	98.25 3.05 -7.92	100.77 3.06 -10.28	109.94 3.33 -19.00	123.16 3.86 -31.49	147.29 3.97 -55.16	141.22 3.97 -48.99	129.83 3.27 -44.75	117.20 3.07 -37.44	111.97 2.78 -36.08	106.21 2.67 -31.24	96.35 2.45 -21.74
DERFIELD_115KV_TB7 355931	98.51 1.17 0.00	118.00 1.28 0.00	123.33 1.34 0.00	138.91 1.38 0.00	142.93 1.42 0.00	151.18 1.50 0.00	134.50 1.46 0.00	131.51 1.17 0.00	138.38 1.23 0.00	110.65 1.10 0.00	101.36 1.00 0.00	88.68 0.88 0.00	88.32 0.79 0.00	88.06 0.79 0.00	88.22 0.79 0.00	88.49 0.88 0.00	88.69 0.88 0.00	89.13 0.97 0.00	89.14 0.88 0.00	82.54 0.74 0.00	77.38 0.69 0.00	73.77 0.66 0.00	72.94 0.65 0.00	72.73 0.58 0.00
DOGLEVILLE___HYD 23807	103.19 5.84 0.00	123.48 6.77 0.00	129.07 7.07 0.00	145.23 7.70 0.00	149.43 7.92 0.00	158.21 8.53 0.00	140.75 7.71 0.00	137.63 7.29 0.00	144.96 7.81 0.00	115.91 6.35 0.00	106.07 5.72 0.00	92.80 5.00 0.00	92.34 4.81 0.00	92.07 4.80 0.00	92.24 4.81 0.00	92.52 4.90 0.00	92.81 5.00 0.00	93.01 4.85 0.00	93.11 4.85 0.00	85.90 4.09 0.00	80.37 3.68 0.00	76.47 3.36 0.00	75.55 3.26 0.00	75.40 3.25 0.00
DUNKIRK___115KV_TB_200 55889	102.20 -4.19 -9.04	114.67 -6.42 -4.38	117.63 -7.20 -2.83	127.91 -9.63 0.00	131.75 -9.76 0.00	138.30 -11.38 0.00	127.44 -10.91 -5.32	120.00 -13.16 -2.83	125.98 -14.81 -3.64	91.56 -10.41 7.59	88.65 -10.34 1.36	82.95 -8.60 -3.76	81.17 -8.84 -2.48	79.58 -8.73 -1.03	80.89 -8.83 -2.29	81.03 -8.41 -1.83	76.80 -7.11 3.90	90.32 -7.05 -9.21	84.72 -6.97 -3.44	79.77 -8.26 -6.22	79.63 -7.21 -10.15	71.68 -7.09 -5.66	73.68 -6.36 -7.75	74.89 -5.70 -8.43
DUNKIRK___1 23563	102.20 -4.19 -9.04	114.67 -6.42 -4.38	117.63 -7.20 -2.83	127.91 -9.63 0.00	131.75 -9.76 0.00	138.30 -11.38 0.00	127.44 -10.91 -5.32	120.00 -13.16 -2.83	125.98 -14.81 -3.64	91.56 -10.41 7.59	88.65 -10.34 1.36	82.95 -8.60 -3.76	81.17 -8.84 -2.48	79.58 -8.73 -1.03	80.89 -8.83 -2.29	81.03 -8.41 -1.83	76.80 -7.11 3.90	90.32 -7.05 -9.21	84.72 -6.97 -3.44	79.77 -8.26 -6.22	79.63 -7.21 -10.15	71.68 -7.09 -5.66	73.68 -6.36 -7.75	74.89 -5.70 -8.43
DUNKIRK___2 23564	102.20 -4.19 -9.04	114.67 -6.42 -4.38	117.63 -7.20 -2.83	127.91 -9.63 0.00	131.75 -9.76 0.00	138.30 -11.38 0.00	127.44 -10.91 -5.32	120.00 -13.16 -2.83	125.98 -14.81 -3.64	91.56 -10.41 7.59	88.65 -10.34 1.36	82.95 -8.60 -3.76	81.17 -8.84 -2.48	79.58 -8.73 -1.03	80.89 -8.83 -2.29	81.03 -8.41 -1.83	76.80 -7.11 3.90	90.32 -7.05 -9.21	84.72 -6.97 -3.44	79.77 -8.26 -6.22	79.63 -7.21 -10.15	71.68 -7.09 -5.66	73.68 -6.36 -7.75	74.89 -5.70 -8.43
DUNKIRK___3 23565	101.60 -4.67 -8.93	114.15 -6.89 -4.32	116.98 -7.81 -2.80	127.36 -10.18 0.00	131.32 -10.19 0.00	137.86 -11.82 0.00	126.85 -11.44 -5.25	119.63 -13.55 -2.85	125.53 -15.22 -3.61	89.78 -10.74 9.04	87.97 -10.64 1.75	82.56 -8.96 -3.71	80.79 -9.19 -2.45	79.24 -9.08 -1.04	80.62 -9.09 -2.27	80.61 -8.59 -1.58	75.29 -7.38 5.15	89.85 -7.41 -9.09	83.91 -7.15 -2.80	79.37 -8.59 -6.16	79.27 -7.44 -10.02	71.40 -7.31 -5.60	73.36 -6.58 -7.64	74.57 -5.92 -8.33
DUNKIRK___4 23566	101.60 -4.67 -8.93	114.15 -6.89 -4.32	116.98 -7.81 -2.80	127.36 -10.18 0.00	131.32 -10.19 0.00	137.86 -11.82 0.00	126.85 -11.44 -5.25	119.63 -13.55 -2.85	125.53 -15.22 -3.61	89.78 -10.74 9.04	87.97 -10.64 1.75	82.56 -8.96 -3.71	80.79 -9.19 -2.45	79.24 -9.08 -1.04	80.62 -9.09 -2.27	80.61 -8.59 -1.58	75.29 -7.38 5.15	89.85 -7.41 -9.09	83.91 -7.15 -2.80	79.37 -8.59 -6.16	79.27 -7.44 -10.02	71.40 -7.31 -5.60	73.36 -6.58 -7.64	74.57 -5.92 -8.33
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	158.91 7.69 -53.88	151.56 8.75 -26.09	147.90 9.03 -16.88	147.16 9.63 0.00	151.28 9.76 0.00	159.86 10.18 0.00	174.44 9.71 -31.70	191.92 9.64 -51.94	178.67 10.97 -30.55	158.58 9.09 -39.93	130.89 7.53 -23.01	116.89 6.67 -22.41	112.77 6.48 -18.77	111.95 6.37 -18.31	117.58 6.38 -23.77	125.50 6.40 -31.48	139.43 6.59 -45.04	155.20 6.88 -60.16	153.40 6.88 -58.26	141.23 6.05 -53.37	141.16 5.67 -58.80	123.41 5.34 -44.97	121.88 5.13 -44.46	127.12 4.69 -50.28
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	156.27 6.72 -52.21	149.81 7.82 -25.28	146.28 7.93 -16.36	146.06 8.53 0.00	150.29 8.77 0.00	158.81 9.13 0.00	172.26 8.51 -30.71	189.13 8.47 -50.33	176.52 9.60 -29.78	156.14 7.89 -38.69	129.27 6.62 -22.30	115.23 5.71 -21.72	111.32 5.60 -18.19	110.51 5.50 -17.74	115.89 5.42 -23.03	123.86 5.61 -30.64	137.63 5.88 -43.94	153.49 6.26 -59.07	151.53 6.18 -57.09	139.51 5.40 -52.31	139.02 5.06 -57.27	121.95 4.83 -44.02	120.30 4.63 -43.38	125.06 4.18 -48.72

E179THST_138_KV_TB4_REV_LBMP_J 345001	159.80 8.57 -53.89	152.85 10.04 -26.10	149.00 10.13 -16.88	147.99 10.45 0.00	152.41 10.90 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.57 10.30 -51.94	179.49 11.79 -30.54	159.36 9.86 -39.94	131.49 8.13 -23.01	117.33 7.11 -22.42	113.30 7.00 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.83 7.49 -60.17	153.94 7.41 -58.27	141.48 6.30 -53.37	141.39 5.90 -58.80	123.78 5.70 -44.97	122.25 5.49 -44.46	127.63 5.20 -50.28
E179THST_13_KV_LOAD 356214	160.29 9.05 -53.89	153.32 10.50 -26.10	149.49 10.61 -16.88	148.54 11.00 0.00	152.98 11.46 0.00	161.21 11.53 0.00	175.77 11.04 -31.70	193.22 10.95 -51.94	180.17 12.48 -30.54	159.90 10.41 -39.94	131.99 8.63 -23.01	117.76 7.55 -22.42	113.74 7.44 -18.77	112.83 7.24 -18.31	118.37 7.17 -23.77	126.11 7.01 -31.48	140.14 7.29 -45.04	156.27 7.93 -60.17	154.47 7.94 -58.27	141.97 6.79 -53.37	141.78 6.29 -58.80	124.15 6.07 -44.97	122.61 5.86 -44.46	127.99 5.56 -50.28
EAST HAMPTON___GT 23717	163.18 11.97 -53.86	156.68 13.88 -26.08	153.26 14.39 -16.88	153.35 15.81 0.00	157.36 15.85 0.00	166.00 16.32 0.00	182.81 18.09 -31.69	200.11 17.86 -51.92	186.75 19.06 -30.54	161.63 12.16 -39.92	141.11 12.54 -28.22	125.43 10.53 -27.10	116.63 9.54 -19.56	117.86 9.16 -21.42	125.17 8.48 -29.25	142.48 9.03 -45.83	158.30 11.41 -59.08	190.94 12.51 -90.27	178.09 12.09 -77.74	162.19 9.81 -70.57	153.44 8.51 -68.25	148.35 7.46 -67.78	143.61 7.95 -63.36	138.48 8.80 -57.52
EAST RIVER___6 23660	159.49 8.27 -53.87	152.25 9.45 -26.09	148.51 9.64 -16.88	147.86 10.32 0.00	151.98 10.47 0.00	160.31 10.63 0.00	175.11 10.38 -31.70	192.70 10.43 -51.93	179.62 11.93 -30.55	159.67 10.19 -39.93	131.59 8.23 -23.01	117.41 7.20 -22.41	113.38 7.09 -18.77	112.57 6.98 -18.31	118.11 6.91 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.62 7.41 -60.05	153.71 7.50 -57.95	141.88 6.71 -53.37	141.62 6.14 -58.79	123.78 5.71 -44.97	122.17 5.42 -44.46	127.40 4.97 -50.27
EAST RIVER___7 23524	159.49 8.27 -53.87	152.25 9.45 -26.09	148.51 9.64 -16.88	147.86 10.32 0.00	151.98 10.47 0.00	160.31 10.63 0.00	175.11 10.38 -31.70	192.70 10.43 -51.93	179.62 11.93 -30.55	159.67 10.19 -39.93	131.59 8.23 -23.01	117.41 7.20 -22.41	113.38 7.09 -18.77	112.57 6.98 -18.31	118.11 6.91 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.62 7.41 -60.05	153.71 7.50 -57.95	141.88 6.71 -53.37	141.62 6.14 -58.79	123.78 5.71 -44.97	122.17 5.42 -44.46	127.40 4.97 -50.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	158.51 7.40 -53.76	151.27 8.52 -26.03	147.50 8.66 -16.85	146.75 9.21 0.00	150.99 9.48 0.00	159.56 9.88 0.00	174.11 9.45 -31.63	191.42 9.25 -51.83	178.19 10.56 -30.49	158.16 8.76 -39.84	130.64 7.33 -22.96	116.57 6.41 -22.37	112.56 6.30 -18.73	111.74 6.20 -18.27	117.27 6.12 -23.72	125.25 6.22 -31.42	139.17 6.41 -44.95	154.82 6.61 -60.04	153.02 6.62 -58.14	140.96 5.89 -53.26	140.88 5.52 -58.67	123.10 5.12 -44.88	121.65 4.99 -44.37	126.87 4.55 -50.17
EAST_HAMPTON___DIESEL 23722	162.98 11.77 -53.86	156.44 13.65 -26.08	153.14 14.27 -16.88	153.21 15.67 0.00	157.22 15.71 0.00	165.70 16.02 0.00	182.67 17.95 -31.69	199.98 17.72 -51.92	186.62 18.93 -30.54	161.52 12.05 -39.92	140.91 12.34 -28.22	125.26 10.36 -27.10	116.55 9.46 -19.56	117.77 9.08 -21.42	125.00 8.31 -29.25	142.29 8.85 -45.83	158.13 11.24 -59.08	190.77 12.34 -90.27	177.91 11.91 -77.74	161.94 9.57 -70.57	153.29 8.36 -68.25	148.20 7.31 -67.78	143.39 7.74 -63.36	138.33 8.65 -57.52
EAST_POINT___SOLAR 323840	180.49 8.95 -74.19	162.91 10.27 -35.93	156.10 10.85 -23.25	149.37 11.83 0.00	153.53 12.02 0.00	162.85 13.17 0.00	189.33 12.64 -43.65	214.24 12.39 -71.52	236.19 12.35 -86.70	171.88 7.34 -54.98	136.35 4.31 -31.68	121.12 2.45 -30.87	116.17 2.80 -25.84	115.36 2.88 -25.21	124.01 3.84 -32.73	171.07 5.61 -77.84	234.98 8.17 -139.01	385.80 8.73 -288.91	349.03 8.74 -252.04	321.59 8.10 -231.68	241.93 7.29 -157.95	258.79 6.72 -178.96	216.86 6.36 -138.20	147.37 5.99 -69.23
EAST_PULASKI___ESR 323781	100.46 -0.78 -3.90	117.20 -1.40 -1.89	121.62 -1.59 -1.22	135.20 -2.34 0.00	138.97 -2.54 0.00	147.13 -2.55 0.00	133.33 -1.99 -2.29	131.87 -2.22 -3.76	135.59 -2.61 -1.05	110.58 -1.86 -2.89	100.01 -2.01 -1.66	87.75 -1.67 -1.62	86.88 -2.01 -1.36	86.68 -1.92 -1.32	87.23 -1.92 -1.72	87.24 -1.75 -1.38	87.65 -1.41 -1.25	87.52 -0.97 -0.33	88.45 -0.88 -1.08	81.58 -1.31 -1.08	77.79 -1.15 -2.25	73.09 -0.95 -0.93	72.42 -1.08 -1.21	74.71 -1.08 -3.64
EAST_RIVER___1 323558	159.40 8.18 -53.87	152.14 9.34 -26.09	148.40 9.52 -16.88	147.71 10.18 0.00	151.84 10.32 0.00	160.31 10.63 0.00	174.97 10.24 -31.70	192.44 10.17 -51.93	179.35 11.65 -30.55	159.35 9.86 -39.93	131.39 8.03 -23.01	117.24 7.03 -22.41	113.21 6.91 -18.77	112.39 6.81 -18.31	117.93 6.73 -23.77	125.75 6.66 -31.48	139.78 6.94 -45.04	155.35 7.14 -60.05	153.45 7.24 -57.95	141.64 6.46 -53.37	141.47 5.99 -58.79	123.63 5.55 -44.97	122.10 5.35 -44.46	127.26 4.83 -50.27
EAST_RIVER___2 323559	159.49 8.27 -53.87	152.25 9.45 -26.09	148.51 9.64 -16.88	147.86 10.32 0.00	151.98 10.47 0.00	160.31 10.63 0.00	175.11 10.38 -31.70	192.70 10.43 -51.93	179.62 11.93 -30.55	159.67 10.19 -39.93	131.59 8.23 -23.01	117.41 7.20 -22.41	113.38 7.09 -18.77	112.57 6.98 -18.31	118.11 6.91 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.62 7.41 -60.05	153.71 7.50 -57.95	141.88 6.71 -53.37	141.62 6.14 -58.79	123.78 5.71 -44.97	122.17 5.42 -44.46	127.40 4.97 -50.27
EAST___DELAWARE_HYD 23607	153.34 6.81 -49.19	148.47 7.94 -23.82	145.33 7.92 -15.41	146.47 8.93 0.00	150.43 8.92 0.00	159.12 9.44 0.00	170.61 8.64 -28.94	186.48 8.73 -47.42	175.45 9.60 -28.71	154.00 7.99 -36.45	127.98 6.62 -21.01	113.71 5.45 -20.46	109.91 5.25 -17.13	109.05 5.06 -16.71	114.20 5.07 -21.70	122.42 5.43 -29.37	136.31 5.97 -42.53	153.29 6.52 -58.61	151.12 6.62 -56.24	139.06 5.72 -51.53	137.06 5.29 -55.09	121.23 4.97 -43.15	118.92 4.63 -41.99	122.16 4.11 -45.90
EIGHT_POINT___WT_PWR 323820	107.92 -0.48 -11.05	119.61 -2.46 -5.35	122.41 -3.05 -3.46	133.00 -4.54 0.00	137.27 -4.24 0.00	144.44 -5.24 0.00	134.75 -4.78 -6.50	121.21 -6.51 2.61	132.30 -7.68 -2.83	158.19 -6.36 -54.99	108.13 -6.32 -14.10	87.40 -5.00 -4.60	84.35 -5.51 -2.33	80.67 -5.76 0.85	82.62 -5.86 -1.04	92.49 -5.87 -10.74	132.40 -4.66 -49.25	96.61 -5.20 -13.65	114.73 -4.50 -30.97	85.34 -4.58 -8.12	84.18 -5.06 -12.56	74.82 -5.04 -6.75	77.36 -4.55 -9.62	78.36 -4.11 -10.32
ELBRIDGE_115KV_TB2 80188	102.27 -0.88 -5.80	118.00 -1.52 -2.81	122.10 -1.71 -1.82	135.06 -2.48 0.00	138.97 -2.55 0.00	146.99 -2.69 0.00	134.32 -2.13 -3.41	133.32 -2.61 -5.59	135.69 -3.02 -1.56	111.88 -1.97 -4.30	100.72 -2.11 -2.48	88.72 -1.49 -2.41	87.89 -1.66 -2.02	87.59 -1.66 -1.97	88.33 -1.66 -2.56	88.09 -1.58 -2.05	88.18 -1.49 -1.87	87.68 -0.97 -0.49	88.54 -1.32 -1.61	82.02 -1.39 -1.61	78.81 -1.23 -3.35	73.25 -1.24 -1.38	72.87 -1.23 -1.80	76.41 -1.15 -5.41
ELEC_TRO_TEK 24086	159.97 8.76 -53.86	152.95 10.15 -26.08	149.24 10.37 -16.88	148.54 11.00 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.90 11.17 -31.69	193.33 11.08 -51.92	180.17 12.48 -30.54	159.44 9.97 -39.92	137.30 8.73 -28.22	122.63 7.73 -27.10	114.62 7.53 -19.56	116.11 7.42 -21.42	124.03 7.34 -29.25	140.90 7.45 -45.83	154.62 7.73 -59.08	187.20 7.85 -91.19	174.74 7.85 -78.63	159.41 7.04 -70.57	151.53 6.60 -68.25	147.10 6.21 -67.78	141.65 6.00 -63.36	135.23 5.56 -57.52

ELLENBURG_WT_PWR 323604	95.69 -1.66 0.00	115.32 -1.40 0.00	120.65 -1.34 0.00	136.43 -1.11 0.00	140.67 -0.84 0.00	148.64 -1.04 0.00	130.90 -2.13 0.00	129.29 -1.05 0.00	135.78 -1.37 0.00	107.80 -1.76 0.00	99.35 -1.00 0.00	86.65 -1.14 0.00	86.57 -0.96 0.00	86.23 -1.04 0.00	86.48 -0.96 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.31 -1.86 0.00	85.96 -2.30 0.00	79.68 -2.13 0.00	74.46 -2.23 0.00	71.14 -1.97 0.00	70.05 -2.24 0.00	70.50 -1.66 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	100.47 -5.55 -8.67	112.97 -7.94 -4.20	115.93 -8.78 -2.72	126.12 -11.42 0.00	130.05 -11.46 0.00	136.51 -13.17 0.00	125.63 -12.51 -5.10	118.53 -14.73 -2.92	123.68 -17.01 -3.54	88.57 -11.72 9.26	87.02 -11.54 1.79	81.92 -9.48 -3.61	80.21 -9.72 -2.40	78.73 -9.60 -1.06	80.07 -9.62 -2.25	79.99 -9.11 -1.48	73.78 -8.61 5.42	88.94 -8.02 -8.80	82.39 -8.38 -2.52	78.57 -9.24 -6.01	78.51 -7.90 -9.72	70.89 -7.68 -5.46	72.83 -6.87 -7.41	74.04 -6.21 -8.09
EMPIRE_CC_1 323656	165.19 4.38 -63.46	152.70 5.26 -30.73	147.38 5.49 -19.89	143.58 6.04 0.00	147.59 6.08 0.00	156.26 6.58 0.00	175.70 5.33 -37.34	196.34 4.83 -61.18	186.73 5.34 -44.24	161.19 4.60 -47.03	132.37 4.92 -27.10	118.68 4.48 -26.40	114.01 4.37 -22.11	113.29 4.45 -21.57	119.80 4.37 -28.00	135.46 4.38 -43.46	159.40 4.30 -67.29	200.76 4.23 -108.36	192.28 4.24 -99.79	177.25 3.93 -91.51	163.86 3.68 -83.49	150.90 3.51 -74.29	142.51 3.61 -66.60	134.91 3.53 -59.22
EMPIRE_CC_2 323658	165.19 4.38 -63.46	152.70 5.26 -30.73	147.38 5.49 -19.89	143.58 6.04 0.00	147.59 6.08 0.00	156.26 6.58 0.00	175.70 5.33 -37.34	196.34 4.83 -61.18	186.73 5.34 -44.24	161.19 4.60 -47.03	132.37 4.92 -27.10	118.68 4.48 -26.40	114.01 4.37 -22.11	113.29 4.45 -21.57	119.80 4.37 -28.00	135.46 4.38 -43.46	159.40 4.30 -67.29	200.76 4.23 -108.36	192.28 4.24 -99.79	177.25 3.93 -91.51	163.86 3.68 -83.49	150.90 3.51 -74.29	142.51 3.61 -66.60	134.91 3.53 -59.22
ENORWICH_115KV_TB1 80156	124.02 10.03 -16.65	135.75 10.97 -8.06	138.55 11.35 -5.22	149.50 11.97 0.00	153.68 12.17 0.00	163.45 13.77 0.00	155.73 12.90 -9.79	167.37 12.51 -24.52	164.11 12.75 -14.21	134.99 10.30 -15.13	118.45 8.23 -9.87	101.31 6.58 -6.93	100.25 5.95 -6.77	101.81 5.93 -8.60	103.26 6.03 -9.79	108.44 6.83 -13.99	116.25 8.34 -20.10	125.54 8.73 -28.65	124.33 8.91 -27.16	115.28 6.87 -26.60	105.35 6.37 -22.30	100.36 5.56 -21.69	95.15 4.99 -17.87	92.60 4.91 -15.54
ERIE_ST__34_KV_TB1-2 80199	100.44 -5.94 -9.03	112.80 -8.29 -4.37	115.67 -9.15 -2.83	127.08 -10.45 0.00	131.04 -10.47 0.00	137.71 -11.97 0.00	125.71 -12.64 -5.31	119.51 -13.82 -2.99	127.25 -13.58 -3.68	92.40 -10.74 6.42	89.10 -10.24 1.01	81.90 -9.66 -3.76	80.13 -9.89 -2.49	78.67 -9.69 -1.08	79.97 -9.79 -2.33	80.45 -9.20 -2.04	79.43 -5.44 2.93	89.17 -8.20 -9.20	86.73 -5.38 -3.86	79.24 -8.84 -6.26	78.70 -8.13 -10.14	70.91 -7.90 -5.69	72.80 -7.23 -7.74	74.09 -6.49 -8.43
ERIE_WT_PWR 323693	101.07 -5.16 -8.89	113.31 -7.71 -4.30	116.23 -8.54 -2.79	126.67 -10.87 0.00	130.62 -10.89 0.00	137.56 -12.12 0.00	126.55 -11.71 -5.23	118.92 -14.34 -2.92	125.40 -15.36 -3.61	89.78 -11.40 8.38	87.66 -11.14 1.55	82.10 -9.39 -3.70	80.35 -9.63 -2.45	78.73 -9.60 -1.06	80.10 -9.62 -2.29	79.93 -9.37 -1.69	75.38 -7.82 4.61	88.65 -8.55 -9.04	83.69 -7.59 -3.02	80.51 -7.44 -6.15	78.76 -7.90 -9.97	70.95 -7.75 -5.59	72.96 -6.94 -7.61	74.24 -6.21 -8.29
ESPRGFLD_115KV_TB1 80157	102.60 5.26 0.00	122.55 5.84 0.00	127.97 5.98 0.00	143.86 6.33 0.00	148.02 6.51 0.00	157.01 7.33 0.00	140.08 7.05 0.00	137.37 7.04 0.00	193.72 7.27 -49.30	114.93 5.37 0.00	103.96 3.61 0.00	90.43 2.63 0.00	90.07 2.54 0.00	89.81 2.53 0.00	90.23 2.80 0.00	129.31 3.59 -38.10	177.77 4.92 -85.05	300.32 5.20 -206.96	262.67 5.30 -169.11	240.29 4.42 -154.06	165.80 4.06 -85.05	194.80 3.58 -118.11	160.59 3.25 -85.05	75.11 2.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	111.74 2.43 -11.96	124.72 2.22 -5.79	127.81 2.07 -3.75	139.46 1.93 0.00	143.49 1.98 0.00	151.78 2.10 0.00	142.33 2.26 -7.04	164.41 1.69 -32.38	151.95 1.65 -13.16	124.91 1.53 -13.82	112.64 0.90 -11.39	93.65 0.88 -4.98	94.69 0.61 -6.55	99.18 0.61 -11.30	99.44 0.70 -11.31	101.71 1.05 -13.04	103.76 1.58 -14.37	105.66 1.85 -15.65	106.50 1.85 -16.39	102.72 1.15 -19.76	91.80 1.15 -13.96	90.34 0.88 -16.35	83.87 0.80 -10.78	84.18 0.87 -11.16
ETNA____115KV_TB2 80207	111.74 2.43 -11.96	124.72 2.22 -5.79	127.81 2.07 -3.75	139.46 1.93 0.00	143.49 1.98 0.00	151.78 2.10 0.00	142.33 2.26 -7.04	164.41 1.69 -32.38	151.95 1.65 -13.16	124.91 1.53 -13.82	112.64 0.90 -11.39	93.65 0.88 -4.98	94.69 0.61 -6.55	99.18 0.61 -11.30	99.44 0.70 -11.31	101.71 1.05 -13.04	103.76 1.58 -14.37	105.66 1.85 -15.65	106.50 1.85 -16.39	102.72 1.15 -19.76	91.80 1.15 -13.96	90.34 0.88 -16.35	83.87 0.80 -10.78	84.18 0.87 -11.16
EUCLID____115KV_TB2 356179	100.44 -1.46 -4.56	116.70 -2.22 -2.21	120.98 -2.44 -1.43	134.24 -3.30 0.00	138.26 -3.25 0.00	146.09 -3.59 0.00	132.79 -2.93 -2.68	131.34 -3.39 -4.39	134.53 -3.84 -1.23	110.42 -2.52 -3.38	99.69 -2.61 -1.95	87.68 -2.02 -1.90	87.02 -2.10 -1.59	86.73 -2.09 -1.55	87.26 -2.19 -2.01	87.22 -2.02 -1.61	87.26 -2.02 -0.38	87.05 -1.50 -0.38	87.58 -1.94 -1.26	81.19 -1.88 -1.26	77.63 -1.69 -2.63	72.52 -1.68 -1.09	72.12 -1.59 -1.42	74.82 -1.59 -4.25
E_CANADA_CAP_HY 24051	180.84 6.42 -77.07	161.39 7.36 -37.32	153.84 7.69 -24.15	145.93 8.39 0.00	149.86 8.35 0.00	158.96 9.28 0.00	187.43 9.05 -45.35	213.50 8.87 -74.30	229.33 9.05 -83.14	172.59 5.91 -57.12	137.18 3.91 -32.92	122.67 2.81 -32.07	117.18 2.80 -26.85	116.34 2.88 -26.19	124.76 3.32 -34.00	167.51 4.38 -75.51	226.32 6.05 -132.45	364.82 6.35 -270.30	332.01 6.44 -237.32	305.90 5.81 -218.29	234.04 5.22 -152.13	246.85 4.82 -168.91	208.39 4.48 -131.62	148.19 4.11 -71.92
E_CANADA_MHWK_HY 24050	103.19 5.84 0.00	123.48 6.77 0.00	129.07 7.07 0.00	145.23 7.70 0.00	149.43 7.92 0.00	158.21 8.53 0.00	140.75 7.71 0.00	137.63 7.29 0.00	144.96 7.81 0.00	115.91 6.35 0.00	106.07 5.72 0.00	92.80 5.00 0.00	92.34 4.81 0.00	92.07 4.80 0.00	92.24 4.81 0.00	92.52 4.90 0.00	92.81 5.00 0.00	93.01 4.85 0.00	93.11 4.85 0.00	85.90 4.09 0.00	80.37 3.68 0.00	76.47 3.36 0.00	75.55 3.26 0.00	75.40 3.25 0.00
E_FISHKILL____LBMP 23776	159.05 6.72 -54.99	151.04 7.70 -26.63	147.15 7.93 -17.23	146.06 8.53 0.00	150.15 8.63 0.00	158.66 8.98 0.00	173.90 8.51 -32.35	191.69 8.34 -53.01	177.77 9.46 -31.16	158.09 7.78 -40.75	130.46 6.62 -23.48	116.56 5.88 -22.88	112.37 5.69 -19.15	111.63 5.67 -18.69	117.29 5.60 -24.26	125.43 5.70 -32.12	139.53 5.80 -45.93	155.46 6.00 -61.30	153.64 6.00 -59.38	141.52 5.32 -54.40	141.64 4.98 -59.97	123.63 4.68 -45.84	122.18 4.55 -45.34	127.72 4.26 -51.31
FALCON____SEABRD_CC1 323796	96.86 -0.48 0.00	116.71 0.00 0.00	122.11 0.12 0.00	138.09 0.55 0.00	142.37 0.85 0.00	150.28 0.60 0.00	131.70 -1.33 0.00	130.08 -0.26 0.00	136.60 -0.55 0.00	108.46 -1.10 0.00	99.85 -0.50 0.00	87.19 -0.61 0.00	87.18 -0.35 0.00	86.75 -0.52 0.00	87.00 -0.43 0.00	87.01 -0.61 0.00	87.20 -0.61 0.00	86.93 -1.23 0.00	86.40 -1.86 0.00	80.25 -1.56 0.00	75.00 -1.69 0.00	71.65 -1.46 0.00	70.56 -1.74 0.00	71.43 -0.72 0.00

FALCON___SEABRD_CC2 323797	96.86 -0.48 0.00	116.71 0.00 0.00	122.11 0.12 0.00	138.09 0.55 0.00	142.37 0.85 0.00	150.28 0.60 0.00	131.70 -1.33 0.00	130.08 -0.26 0.00	136.60 -0.55 0.00	108.46 -1.10 0.00	99.85 -0.50 0.00	87.19 -0.61 0.00	87.18 -0.35 0.00	86.75 -0.52 0.00	87.00 -0.43 0.00	87.01 -0.61 0.00	87.20 -0.61 0.00	86.93 -1.23 0.00	86.40 -1.86 0.00	80.25 -1.56 0.00	75.00 -1.69 0.00	71.65 -1.46 0.00	70.56 -1.74 0.00	71.43 -0.72 0.00
FAR ROCKAWAY___4 23548	161.52 10.32 -53.86	154.82 12.02 -26.08	151.07 12.20 -16.88	150.60 13.07 0.00	154.67 13.16 0.00	163.15 13.47 0.00	177.89 13.17 -31.69	195.29 13.03 -51.92	182.23 14.54 -30.54	161.20 11.72 -39.92	138.81 10.24 -28.22	123.86 8.96 -27.10	115.84 8.75 -19.56	117.34 8.64 -21.42	125.35 8.66 -29.25	142.21 8.76 -45.83	156.02 9.13 -59.08	189.61 9.08 -92.36	177.09 9.09 -79.74	160.72 8.34 -70.57	152.83 7.90 -68.25	148.27 7.38 -67.78	142.74 7.08 -63.36	136.24 6.57 -57.52
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	159.59 8.37 -53.87	152.26 9.45 -26.09	148.64 9.76 -16.88	147.85 10.32 0.00	152.13 10.61 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.70 10.43 -51.94	179.63 11.93 -30.55	159.56 10.08 -39.93	131.39 8.03 -23.01	117.24 7.02 -22.41	113.21 6.91 -18.77	112.39 6.81 -18.31	117.93 6.73 -23.77	125.76 6.66 -31.48	139.78 6.94 -45.04	155.55 7.23 -60.16	153.66 7.15 -58.26	141.56 6.38 -53.37	141.46 5.98 -58.80	123.63 5.56 -44.97	122.10 5.35 -44.46	127.34 4.91 -50.27
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	159.59 8.37 -53.87	152.37 9.57 -26.09	148.64 9.76 -16.88	147.85 10.32 0.00	152.13 10.61 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.70 10.43 -51.94	179.63 11.93 -30.55	159.56 10.08 -39.93	131.39 8.03 -23.01	117.24 7.02 -22.41	113.21 6.91 -18.77	112.39 6.81 -18.31	117.93 6.73 -23.77	125.85 6.75 -31.48	139.78 6.94 -45.04	155.55 7.23 -60.16	153.66 7.15 -58.26	141.64 6.46 -53.37	141.46 5.98 -58.80	123.71 5.63 -44.97	122.10 5.35 -44.46	127.34 4.91 -50.27
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	159.59 8.37 -53.87	152.26 9.45 -26.09	148.51 9.64 -16.88	147.85 10.32 0.00	151.98 10.47 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.57 10.30 -51.94	179.63 11.93 -30.55	159.45 9.97 -39.93	131.29 7.93 -23.01	117.24 7.02 -22.41	113.12 6.83 -18.77	112.30 6.72 -18.31	117.85 6.65 -23.77	125.76 6.66 -31.48	139.78 6.94 -45.04	155.46 7.14 -60.16	153.57 7.06 -58.26	141.56 6.38 -53.37	141.39 5.90 -58.80	123.63 5.56 -44.97	122.03 5.28 -44.46	127.26 4.83 -50.27
FARRAGUT___LBMP 323566	159.50 8.27 -53.87	152.14 9.34 -26.09	148.51 9.64 -16.88	147.71 10.18 0.00	151.98 10.47 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.57 10.30 -51.94	179.49 11.79 -30.55	159.34 9.86 -39.93	131.19 7.83 -23.01	117.15 6.94 -22.41	113.04 6.74 -18.77	112.21 6.63 -18.31	117.76 6.56 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.37 7.05 -60.16	153.49 6.97 -58.26	141.47 6.30 -53.37	141.39 5.90 -58.80	123.56 5.48 -44.97	121.95 5.21 -44.46	127.19 4.76 -50.27
FENNER___WINDPWR 24204	106.60 2.82 -6.43	122.86 3.03 -3.11	126.93 2.92 -2.02	140.56 3.02 0.00	144.62 3.11 0.00	153.27 3.59 0.00	140.27 3.45 -3.78	143.52 3.00 -10.18	143.15 3.16 -2.85	117.00 2.52 -4.92	106.09 2.01 -3.73	92.14 1.66 -2.68	91.71 1.49 -2.70	92.32 1.48 -3.57	93.00 1.58 -3.99	92.60 1.75 -3.24	91.98 2.10 -2.07	90.99 2.29 -0.54	92.42 2.38 -1.78	86.57 1.80 -2.96	81.93 1.53 -3.71	77.00 1.39 -2.50	75.52 1.23 -2.00	79.38 1.23 -6.00
FIBERTEK___ENERGY 23856	102.52 -0.29 -5.47	118.43 -0.93 -2.65	122.61 -1.10 -1.71	135.89 -1.65 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	134.92 -1.33 -3.22	133.78 -1.82 -5.27	136.56 -2.06 -1.47	112.29 -1.31 -4.05	101.28 -1.40 -2.33	89.11 -0.97 -2.27	88.30 -1.14 -1.90	88.00 -1.13 -1.86	88.71 -1.14 -2.41	88.50 -1.05 -1.94	88.60 -0.97 -1.76	88.09 -0.53 -0.46	88.98 -0.79 -1.52	82.42 -0.90 -1.52	79.08 -0.77 -3.16	73.61 -0.80 -1.31	73.20 -0.80 -1.70	76.46 -0.79 -5.10
FITZPATRICK___ 23598	97.54 -3.02 -3.21	114.30 -3.97 -1.56	118.73 -4.27 -1.01	132.31 -5.23 0.00	136.14 -5.38 0.00	143.99 -5.69 0.00	130.14 -4.78 -1.89	128.22 -5.22 -3.10	132.38 -5.63 -0.87	107.78 -4.16 -2.38	97.71 -4.02 -1.37	85.89 -3.25 -1.34	85.23 -3.42 -1.12	84.96 -3.41 -1.09	85.44 -3.41 -1.42	85.43 -3.33 -1.14	85.51 -3.34 -1.04	85.34 -3.09 -0.27	86.06 -3.09 -0.89	79.59 -3.11 -0.89	75.71 -2.84 -1.86	71.17 -2.70 -0.77	70.62 -2.67 -1.00	72.56 -2.59 -3.00
FLOWRFLD_69_KV_BK1 356044	164.25 13.04 -53.86	157.50 14.71 -26.08	153.75 14.88 -16.88	153.35 15.82 0.00	157.50 15.99 0.00	166.44 16.76 0.00	182.41 17.69 -31.69	199.98 17.73 -51.92	186.89 19.20 -30.54	161.96 12.49 -39.92	140.71 12.14 -28.22	125.26 10.36 -27.10	116.98 9.89 -19.56	118.38 9.69 -21.42	126.66 9.97 -29.25	143.00 9.55 -45.83	158.04 11.15 -59.08	190.24 11.81 -90.26	177.74 11.74 -77.74	162.77 10.39 -70.57	154.37 9.43 -68.25	150.10 9.21 -67.78	144.40 8.75 -63.36	138.41 8.73 -57.52
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	159.41 7.98 -54.08	152.24 9.34 -26.19	148.46 9.52 -16.95	147.99 10.45 0.00	152.13 10.61 0.00	160.76 11.08 0.00	175.10 10.24 -31.82	192.64 10.17 -52.14	179.36 11.38 -30.82	159.06 9.42 -40.08	131.48 8.03 -23.10	117.15 6.85 -22.50	113.11 6.74 -18.84	112.28 6.63 -18.38	117.85 6.56 -23.86	126.09 6.75 -31.73	140.41 7.11 -45.48	156.76 7.49 -61.11	154.75 7.41 -59.08	142.47 6.54 -54.12	142.12 6.13 -59.29	124.43 5.78 -45.55	122.76 5.57 -44.90	127.67 5.05 -50.47
FORT ORANGE___ 23900	166.48 3.70 -65.44	152.72 4.32 -31.69	147.13 4.63 -20.51	142.90 5.36 0.00	146.89 5.38 0.00	155.37 5.69 0.00	176.19 4.65 -38.50	197.71 4.29 -63.08	200.17 4.80 -58.23	161.99 3.94 -48.50	132.21 3.91 -27.95	118.54 3.52 -27.23	113.83 3.50 -22.79	113.01 3.49 -22.24	119.80 3.50 -28.87	145.59 3.41 -54.56	182.37 3.42 -91.14	260.71 3.53 -169.02	242.29 3.53 -150.49	223.10 3.19 -138.11	187.45 2.91 -107.85	185.04 2.78 -109.16	165.54 2.82 -90.43	135.89 2.67 -61.07
FORT_DRUM_COGEN 23780	103.14 3.12 -2.68	121.40 3.38 -1.30	126.25 3.42 -0.84	140.84 3.30 0.00	144.63 3.11 0.00	153.72 4.04 0.00	138.07 3.46 -1.58	136.44 3.52 -2.58	141.02 3.15 -0.72	113.95 2.41 -1.99	103.10 1.61 -1.14	89.88 0.97 -1.12	88.90 0.44 -0.93	88.80 0.61 -0.91	89.32 0.70 -1.18	89.88 1.31 -0.95	90.95 2.28 -0.86	91.21 2.82 -0.22	91.82 2.82 -0.74	84.60 2.05 -0.74	80.00 1.76 -1.55	75.36 1.61 -0.64	74.21 1.08 -0.83	75.67 1.01 -2.50
FOX_HILLS___ESR 323835	206.76 8.47 -100.94	178.60 9.45 -52.43	176.50 9.64 -44.87	82.18 9.90 65.26	181.37 10.19 -29.67	182.72 10.48 -22.56	213.36 10.38 -69.95	229.29 10.43 -88.53	243.67 12.07 -94.45	227.53 10.19 -107.79	201.62 8.13 -93.14	174.22 7.11 -79.31	168.19 7.00 -73.65	165.39 6.81 -71.31	178.19 6.82 -83.94	196.28 6.75 -101.92	203.79 7.20 -108.78	225.25 7.67 -129.42	218.36 7.68 -122.42	232.21 6.79 -143.61	207.56 6.29 -124.58	178.51 5.85 -99.55	178.39 5.49 -100.60	185.28 4.98 -108.15
FPL FAR_ROCK_GT1 24212	160.84 9.64 -53.86	154.11 11.32 -26.08	150.70 11.83 -16.88	150.46 12.92 0.00	154.25 12.74 0.00	162.40 12.72 0.00	176.83 12.10 -31.69	194.38 12.12 -51.92	181.14 13.45 -30.54	160.76 11.29 -39.92	138.81 10.24 -28.22	123.86 8.96 -27.10	115.93 8.84 -19.56	117.42 8.73 -21.42	125.35 8.66 -29.25	142.21 8.76 -45.83	155.94 9.05 -59.08	189.52 9.00 -92.36	177.09 9.09 -79.74	160.88 8.51 -70.57	152.83 7.90 -68.25	148.27 7.38 -67.78	142.74 7.09 -63.36	136.24 6.57 -57.52

FPL FAR_ROCK_GT2 23815	160.84 9.64 -53.86	154.11 11.32 -26.08	150.70 11.83 -16.88	150.46 12.92 0.00	154.25 12.74 0.00	162.40 12.72 0.00	176.83 12.10 -31.69	194.38 12.12 -51.92	181.14 13.45 -30.54	160.76 11.29 -39.92	138.81 10.24 -28.22	123.86 8.96 -27.10	115.93 8.84 -19.56	117.42 8.73 -21.42	125.35 8.66 -29.25	142.21 8.76 -45.83	155.94 9.05 -59.08	189.52 9.00 -92.36	177.09 9.09 -79.74	160.88 8.51 -70.57	152.83 7.90 -68.25	148.27 7.38 -67.78	142.74 7.09 -63.36	136.24 6.57 -57.52
FRANKLIN_FALL_HYD 24054	96.86 -0.49 0.00	116.60 -0.12 0.00	121.99 0.00 0.00	137.81 0.28 0.00	142.08 0.57 0.00	150.13 0.45 0.00	132.37 -0.67 0.00	130.86 0.52 0.00	137.56 0.41 0.00	109.12 -0.44 0.00	100.65 0.30 0.00	87.71 -0.09 0.00	87.79 0.26 0.00	87.45 0.17 0.00	87.61 0.17 0.00	87.53 -0.09 0.00	87.98 0.18 0.00	87.46 -0.71 0.00	87.55 -0.71 0.00	81.48 -0.33 0.00	75.92 -0.77 0.00	72.60 -0.51 0.00	71.57 -0.72 0.00	71.87 -0.29 0.00
FREEPORT_EQUS_GT1 23764	159.87 8.66 -53.86	152.94 10.15 -26.08	149.48 10.61 -16.88	149.09 11.55 0.00	152.84 11.33 0.00	160.76 11.08 0.00	175.49 10.77 -31.69	193.07 10.81 -51.92	179.76 12.07 -30.54	159.66 10.19 -39.92	138.00 9.43 -28.22	123.15 8.25 -27.10	115.23 8.14 -19.56	116.72 8.02 -21.42	124.64 7.96 -29.25	141.50 8.06 -45.83	155.32 8.43 -59.08	187.91 8.55 -91.19	175.54 8.65 -78.63	160.23 7.85 -70.57	152.14 7.21 -68.25	147.61 6.72 -67.78	142.16 6.51 -63.36	135.74 6.06 -57.52
FREEPORT___CT2 23818	159.87 8.66 -53.86	152.94 10.15 -26.08	149.48 10.61 -16.88	149.09 11.55 0.00	152.84 11.33 0.00	160.76 11.08 0.00	175.49 10.77 -31.69	193.07 10.81 -51.92	179.76 12.07 -30.54	159.66 10.19 -39.92	138.00 9.43 -28.22	123.15 8.25 -27.10	115.23 8.14 -19.56	116.72 8.02 -21.42	124.64 7.96 -29.25	141.50 8.06 -45.83	155.32 8.43 -59.08	187.91 8.55 -91.19	175.54 8.65 -78.63	160.23 7.85 -70.57	152.14 7.21 -68.25	147.61 6.72 -67.78	142.16 6.51 -63.36	135.74 6.06 -57.52
FRESHKLS_33_KV_LOAD 356253	206.47 8.18 -100.94	178.25 9.10 -52.43	176.14 9.27 -44.87	81.77 9.49 65.26	180.95 9.76 -29.67	182.27 10.03 -22.56	212.96 9.98 -69.95	228.90 10.04 -88.53	243.39 11.79 -94.45	227.20 9.86 -107.79	201.32 7.83 -93.14	173.96 6.85 -79.31	167.92 6.74 -73.65	165.13 6.55 -71.31	177.93 6.56 -83.94	196.02 6.48 -101.92	203.52 6.94 -108.78	225.08 7.49 -129.42	218.18 7.50 -122.42	232.05 6.63 -143.61	207.40 6.13 -124.58	178.36 5.70 -99.55	178.24 5.35 -100.60	185.13 4.83 -108.15
FULTON COGEN____ 23766	100.16 -1.46 -4.27	116.56 -2.22 -2.07	120.89 -2.44 -1.34	134.37 -3.16 0.00	138.26 -3.25 0.00	146.09 -3.59 0.00	132.75 -2.79 -2.51	131.19 -3.26 -4.12	134.73 -3.57 -1.15	110.31 -2.41 -3.17	99.77 -2.41 -1.82	87.73 -1.84 -1.78	86.92 -2.10 -1.49	86.63 -2.10 -1.45	87.22 -2.10 -1.88	87.20 -1.93 -1.51	87.25 -1.93 -1.38	87.11 -1.41 -0.36	87.68 -1.77 -1.18	81.19 -1.80 -1.18	77.54 -1.61 -2.47	72.59 -1.54 -1.02	72.18 -1.45 -1.33	74.70 -1.44 -3.99
FULTON___LFGE 323630	178.89 8.08 -73.46	161.63 9.34 -35.58	154.78 9.76 -23.02	148.27 10.73 0.00	152.41 10.90 0.00	161.66 11.98 0.00	187.70 11.44 -43.22	212.23 11.07 -70.82	236.12 11.38 -87.59	172.00 7.99 -54.45	137.64 5.92 -31.37	123.01 4.65 -30.56	117.76 4.64 -25.59	116.95 4.71 -24.96	124.91 5.07 -32.41	172.01 5.96 -78.43	235.92 7.46 -140.66	389.43 7.67 -293.60	351.77 7.77 -255.74	324.06 7.20 -235.06	242.62 6.51 -159.41	260.67 6.06 -181.49	217.94 5.79 -139.86	146.12 5.41 -68.56
G.F.CEMENT___DRP 24184	174.63 9.35 -67.94	160.47 10.85 -32.90	154.99 11.71 -21.29	150.47 12.93 0.00	154.82 13.30 0.00	164.05 14.37 0.00	186.17 13.17 -39.97	208.73 12.90 -65.49	237.67 13.71 -86.81	170.53 10.63 -50.35	138.50 9.13 -29.01	123.79 7.73 -28.27	118.81 7.62 -23.67	117.87 7.51 -23.09	125.01 7.61 -29.97	172.70 8.06 -77.02	236.60 8.69 -140.09	392.06 8.73 -295.17	352.62 8.65 -255.71	324.38 7.77 -234.80	241.41 7.29 -157.44	261.49 7.02 -181.37	218.52 6.87 -139.36	142.26 6.71 -63.40
GARDENVILLE___LBMP 24039	100.73 -5.45 -8.83	113.17 -7.82 -4.28	116.10 -8.66 -2.77	126.40 -11.14 0.00	130.33 -11.18 0.00	136.96 -12.72 0.00	125.86 -12.37 -5.20	118.73 -14.47 -2.87	124.41 -16.32 -3.58	87.25 -11.50 10.80	86.80 -11.34 2.21	81.99 -9.48 -3.68	80.25 -9.72 -2.43	78.72 -9.60 -1.04	80.08 -9.62 -2.26	79.87 -9.02 -1.28	73.08 -8.08 6.65	89.12 -8.02 -8.98	82.38 -7.94 -2.06	78.74 -9.16 -6.10	78.62 -7.98 -9.91	70.98 -7.68 -5.55	72.91 -6.94 -7.56	74.19 -6.21 -8.24
GARDNVLA_35_KV_LD 355827	101.00 -5.26 -8.91	113.44 -7.59 -4.31	116.37 -8.42 -2.79	126.81 -10.73 0.00	130.76 -10.75 0.00	137.41 -12.27 0.00	126.30 -11.97 -5.24	119.07 -14.21 -2.94	125.00 -15.77 -3.63	90.87 -11.28 7.40	88.03 -11.04 1.29	82.29 -9.22 -3.71	80.53 -9.45 -2.46	79.00 -9.34 -1.07	80.29 -9.44 -2.30	80.43 -9.02 -1.84	76.29 -7.73 3.79	89.38 -7.85 -9.07	84.06 -7.59 -3.39	79.06 -8.92 -6.17	78.94 -7.75 -10.00	71.19 -7.53 -5.61	73.12 -6.80 -7.63	74.41 -6.06 -8.31
GELCKHM___115KV_LOAD 80723	101.16 -1.07 -4.89	117.33 -1.75 -2.37	121.57 -1.95 -1.53	134.92 -2.61 0.00	138.82 -2.69 0.00	146.69 -2.99 0.00	133.52 -2.39 -2.88	132.31 -2.74 -4.71	135.31 -3.15 -1.32	111.10 -2.08 -3.62	100.33 -2.11 -2.09	88.25 -1.58 -2.03	87.48 -1.75 -1.70	87.19 -1.75 -1.66	87.84 -1.75 -2.16	87.68 -1.66 -1.73	87.71 -1.67 -1.58	87.43 -1.15 -0.41	88.11 -1.50 -1.36	81.61 -1.55 -1.36	78.21 -1.30 -2.82	72.89 -1.39 -1.17	72.51 -1.30 -1.52	75.42 -1.30 -4.56
GENERAL___MILLS 23808	100.88 -5.35 -8.89	113.31 -7.70 -4.30	116.24 -8.54 -2.79	126.67 -10.87 0.00	130.62 -10.90 0.00	137.11 -12.57 0.00	126.16 -12.11 -5.23	118.92 -14.34 -2.92	124.85 -15.91 -3.61	89.79 -11.39 8.38	87.66 -11.14 1.55	82.10 -9.39 -3.70	80.35 -9.63 -2.45	78.82 -9.51 -1.06	80.19 -9.53 -2.29	80.28 -9.02 -1.69	75.38 -7.81 4.61	89.27 -7.93 -9.04	83.60 -7.68 -3.02	78.87 -9.08 -6.15	78.76 -7.90 -9.97	71.10 -7.60 -5.59	73.03 -6.87 -7.61	74.24 -6.21 -8.29
GE_PLASTICS___DRP 24183	166.54 3.80 -65.39	152.82 4.44 -31.67	147.12 4.64 -20.49	142.76 5.23 0.00	146.61 5.09 0.00	155.22 5.54 0.00	176.16 4.66 -38.47	197.81 4.43 -63.04	194.64 4.94 -52.56	162.08 4.05 -48.46	132.19 3.91 -27.93	118.52 3.51 -27.21	113.81 3.50 -22.78	112.99 3.49 -22.22	119.69 3.41 -28.85	141.21 3.42 -50.18	172.60 3.42 -81.37	234.96 3.44 -143.36	220.87 3.44 -129.17	203.34 3.03 -118.51	177.67 2.91 -98.07	170.45 2.78 -94.56	155.70 2.75 -80.66	135.85 2.67 -61.02
GILBOA___1 23756	153.18 3.90 -51.94	146.41 4.55 -25.15	142.90 4.63 -16.28	142.48 4.94 0.00	146.60 5.09 0.00	154.92 5.24 0.00	168.52 4.93 -30.56	184.70 4.29 -50.07	169.67 4.80 -27.73	152.32 4.27 -38.49	126.25 3.72 -22.18	112.74 3.34 -21.61	108.86 3.24 -18.09	108.15 3.23 -17.65	113.58 3.24 -22.91	119.88 3.24 -29.02	131.68 3.42 -40.45	141.57 3.26 -50.14	141.24 3.35 -49.63	130.36 3.11 -45.44	133.24 2.84 -53.71	114.70 2.71 -38.89	114.85 2.68 -39.89	123.14 2.52 -48.47
GILBOA___2 23757	153.18 3.90 -51.94	146.41 4.55 -25.15	142.90 4.63 -16.28	142.48 4.94 0.00	146.60 5.09 0.00	154.92 5.24 0.00	168.52 4.93 -30.56	184.70 4.29 -50.07	169.67 4.80 -27.73	152.32 4.27 -38.49	126.25 3.72 -22.18	112.74 3.34 -21.61	108.86 3.24 -18.09	108.15 3.23 -17.65	113.58 3.24 -22.91	119.88 3.24 -29.02	131.68 3.42 -40.45	141.57 3.26 -50.14	141.24 3.35 -49.63	130.36 3.11 -45.44	133.24 2.84 -53.71	114.70 2.71 -38.89	114.85 2.68 -39.89	123.14 2.52 -48.47

GILBOA___3 23758	153.18 3.90 -51.94	146.41 4.55 -25.15	142.90 4.63 -16.28	142.48 4.94 0.00	146.60 5.09 0.00	154.92 5.24 0.00	168.52 4.93 -30.56	184.70 4.29 -50.07	169.67 4.80 -27.73	152.32 4.27 -38.49	126.25 3.72 -22.18	112.74 3.34 -21.61	108.86 3.24 -18.09	108.15 3.23 -17.65	113.58 3.24 -22.91	119.88 3.24 -29.02	131.68 3.42 -40.45	141.57 3.26 -50.14	141.24 3.35 -49.63	130.36 3.11 -45.44	133.24 2.84 -53.71	114.70 2.71 -38.89	114.85 2.68 -39.89	123.14 2.52 -48.47
GILBOA___4 23759	153.18 3.90 -51.94	146.41 4.55 -25.15	142.90 4.63 -16.28	142.48 4.94 0.00	146.60 5.09 0.00	154.92 5.24 0.00	168.52 4.93 -30.56	184.70 4.29 -50.07	169.67 4.80 -27.73	152.32 4.27 -38.49	126.25 3.72 -22.18	112.74 3.34 -21.61	108.86 3.24 -18.09	108.15 3.23 -17.65	113.58 3.24 -22.91	119.88 3.24 -29.02	131.68 3.42 -40.45	141.57 3.26 -50.14	141.24 3.35 -49.63	130.36 3.11 -45.44	133.24 2.84 -53.71	114.70 2.71 -38.89	114.85 2.68 -39.89	123.14 2.52 -48.47
GILBOA___ 23599	153.27 3.99 -51.94	146.41 4.55 -25.15	142.90 4.64 -16.28	142.49 4.95 0.00	146.61 5.09 0.00	155.07 5.39 0.00	168.25 4.66 -30.56	184.70 4.30 -50.07	169.81 4.94 -27.73	152.32 4.27 -38.49	126.24 3.71 -22.18	112.74 3.34 -21.61	108.86 3.24 -18.09	108.15 3.23 -17.65	113.58 3.24 -22.91	119.88 3.24 -29.02	131.68 3.42 -40.45	141.65 3.35 -50.14	141.24 3.35 -49.63	130.28 3.03 -45.44	133.23 2.84 -53.71	114.70 2.71 -38.89	114.85 2.67 -39.89	123.15 2.53 -48.47
GINNA___ 23603	97.85 -5.84 -6.34	111.73 -8.05 -3.07	115.56 -8.42 -1.99	126.40 -11.14 0.00	130.19 -11.33 0.00	137.70 -11.98 0.00	126.52 -10.24 -3.73	122.15 -11.47 -3.28	124.89 -13.17 -0.91	104.72 -9.42 -4.59	93.23 -9.13 -2.00	83.59 -6.85 -2.64	82.33 -7.09 -1.88	81.29 -7.15 -1.17	82.16 -7.26 -1.98	82.00 -7.18 -1.57	81.95 -7.90 -2.04	82.44 -6.26 -0.53	83.30 -6.71 -1.76	75.56 -7.20 -0.95	74.37 -5.98 -3.66	67.94 -5.99 -0.83	68.63 -5.64 -1.97	72.66 -5.41 -5.92
GLEN PARK___ 23778	104.02 3.90 -2.78	122.49 4.43 -1.34	127.13 4.27 -0.87	141.94 4.40 0.00	145.62 4.11 0.00	154.92 5.24 0.00	139.32 4.65 -1.63	137.70 4.69 -2.68	142.15 4.26 -0.75	114.90 3.28 -2.06	103.85 2.31 -1.19	90.53 1.58 -1.15	89.55 1.05 -0.97	89.44 1.22 -0.94	89.97 1.31 -1.22	90.62 2.02 -0.98	91.77 3.07 -0.89	92.10 3.70 -0.23	92.82 3.79 -0.77	85.44 2.86 -0.77	80.74 2.45 -1.60	76.04 2.27 -0.66	74.82 1.66 -0.86	76.26 1.52 -2.59
GLENDALE_27_KV_LOAD 356172	160.38 9.15 -53.89	153.20 10.39 -26.10	149.49 10.61 -16.88	148.68 11.14 0.00	152.98 11.46 0.00	161.50 11.82 0.00	176.17 11.44 -31.70	193.61 11.34 -51.94	189.80 13.03 -39.63	169.97 10.85 -49.57	132.19 8.83 -23.01	118.03 7.81 -22.42	113.91 7.62 -18.77	113.09 7.51 -18.31	118.64 7.43 -23.77	126.46 7.36 -31.48	140.49 7.64 -45.04	156.36 8.02 -60.17	154.56 8.03 -58.27	142.30 7.12 -53.37	142.08 6.60 -58.80	124.30 6.21 -44.97	122.68 5.93 -44.46	127.92 5.48 -50.28
GLENWOOD_IC_1_G5 23712	160.26 9.05 -53.86	153.18 10.39 -26.08	149.48 10.61 -16.88	148.82 11.28 0.00	152.83 11.32 0.00	161.21 11.53 0.00	176.30 11.57 -31.69	193.73 11.47 -51.92	180.58 12.89 -30.54	159.77 10.30 -39.92	137.60 9.03 -28.22	122.80 7.90 -27.10	114.88 7.79 -19.56	116.38 7.68 -21.42	124.30 7.61 -29.25	141.16 7.71 -45.83	154.88 7.99 -59.08	187.56 8.20 -91.19	175.09 8.21 -78.63	159.66 7.28 -70.57	151.76 6.83 -68.25	147.32 6.43 -67.78	141.80 6.14 -63.36	135.38 5.70 -57.52
GLENWOOD_IC_2_G1 23688	159.47 8.27 -53.86	152.48 9.68 -26.08	148.99 10.12 -16.88	148.54 11.01 0.00	152.41 10.90 0.00	160.46 10.78 0.00	174.97 10.24 -31.69	192.69 10.43 -51.92	179.34 11.65 -30.54	159.34 9.86 -39.92	137.61 9.04 -28.22	122.81 7.91 -27.10	114.88 7.79 -19.56	116.38 7.68 -21.42	124.29 7.60 -29.25	141.07 7.62 -45.83	154.88 7.99 -59.08	187.46 8.11 -91.19	175.09 8.21 -78.63	159.74 7.37 -70.57	151.76 6.82 -68.25	147.25 6.36 -67.78	141.87 6.22 -63.36	135.45 5.77 -57.52
GLENWOOD_IC_3_G1 23689	159.47 8.27 -53.86	152.48 9.68 -26.08	148.99 10.12 -16.88	148.54 11.01 0.00	152.41 10.90 0.00	160.46 10.78 0.00	174.97 10.24 -31.69	192.69 10.43 -51.92	179.34 11.65 -30.54	159.34 9.86 -39.92	137.61 9.04 -28.22	122.81 7.91 -27.10	114.88 7.79 -19.56	116.38 7.68 -21.42	124.29 7.60 -29.25	141.07 7.62 -45.83	154.88 7.99 -59.08	187.46 8.11 -91.19	175.09 8.21 -78.63	159.74 7.37 -70.57	151.76 6.82 -68.25	147.25 6.36 -67.78	141.87 6.22 -63.36	135.45 5.77 -57.52
GLENWOOD___4 23550	160.36 9.15 -53.86	153.30 10.50 -26.08	149.61 10.74 -16.88	148.95 11.42 0.00	152.98 11.46 0.00	161.36 11.68 0.00	176.43 11.71 -31.69	193.86 11.60 -51.92	180.72 13.03 -30.54	159.88 10.41 -39.92	137.70 9.13 -28.22	122.98 8.08 -27.10	114.97 7.88 -19.56	116.46 7.77 -21.42	124.38 7.69 -29.25	141.25 7.80 -45.83	154.97 8.08 -59.08	187.73 8.38 -91.19	175.18 8.30 -78.63	159.82 7.44 -70.57	151.91 6.98 -68.25	147.40 6.51 -67.78	141.94 6.29 -63.36	135.52 5.84 -57.52
GLENWOOD___5 23614	160.36 9.15 -53.86	153.30 10.50 -26.08	149.61 10.74 -16.88	148.95 11.42 0.00	152.98 11.46 0.00	161.36 11.68 0.00	176.43 11.71 -31.69	193.86 11.60 -51.92	180.72 13.03 -30.54	159.88 10.41 -39.92	137.70 9.13 -28.22	122.98 8.08 -27.10	114.97 7.88 -19.56	116.46 7.77 -21.42	124.38 7.69 -29.25	141.25 7.80 -45.83	154.97 8.08 -59.08	187.73 8.38 -91.19	175.18 8.30 -78.63	159.82 7.44 -70.57	151.91 6.98 -68.25	147.40 6.51 -67.78	141.94 6.29 -63.36	135.52 5.84 -57.52
GLOBAL GREEN_PORT_GT1 23814	163.85 12.65 -53.86	157.38 14.59 -26.08	154.12 15.25 -16.88	154.17 16.64 0.00	158.20 16.69 0.00	166.89 17.21 0.00	183.60 18.88 -31.69	200.89 18.64 -51.92	187.57 19.88 -30.54	162.18 12.70 -39.92	141.71 13.14 -28.22	125.88 10.97 -27.10	117.24 10.15 -19.56	118.55 9.86 -21.42	125.78 9.09 -29.25	143.09 9.64 -45.83	158.92 12.03 -59.08	191.48 13.05 -90.27	178.98 12.98 -77.74	163.01 10.63 -70.57	154.21 9.28 -68.25	149.08 8.19 -67.78	144.32 8.67 -63.36	138.99 9.31 -57.52
GLOBE___DSASP 323697	98.73 -6.81 -8.20	110.76 -9.92 -3.97	113.95 -10.61 -2.57	123.23 -14.30 0.00	126.94 -14.58 0.00	133.22 -16.46 0.00	122.56 -15.30 -4.82	115.28 -18.12 -3.06	118.75 -21.81 -3.41	90.77 -13.48 5.31	86.41 -13.25 0.70	79.97 -11.24 -3.41	78.37 -11.47 -2.30	77.12 -11.26 -1.11	78.46 -11.19 -2.22	79.80 -9.81 -2.00	74.72 -10.80 2.29	86.65 -9.79 -8.27	81.31 -10.59 -3.65	76.42 -11.13 -5.73	76.49 -9.36 -9.16	69.40 -8.92 -5.21	71.25 -8.02 -6.98	72.81 -7.00 -7.65
GOETHSLN___LBMP 323567	37.14 7.69 67.90	54.43 8.64 70.92	52.71 8.78 78.06	52.85 9.35 94.04	54.07 9.48 96.92	58.51 9.88 101.05	46.06 9.58 96.56	57.08 9.38 82.64	30.06 10.97 118.06	26.38 9.20 92.38	22.06 7.12 85.42	29.53 6.32 64.59	27.61 6.13 66.05	26.73 6.02 66.56	26.48 5.95 66.90	18.85 5.96 74.73	14.80 6.23 79.24	17.94 6.44 76.65	15.66 6.35 78.96	14.17 5.73 73.37	13.97 5.29 68.00	24.30 4.97 53.78	33.14 4.70 43.85	30.68 4.26 45.73
GOLAH___69_KV_TB 1_2 80279	100.98 -3.02 -6.65	115.15 -4.79 -3.22	119.20 -4.88 -2.09	130.11 -7.43 0.00	134.15 -7.36 0.00	141.60 -8.08 0.00	130.03 -6.92 -3.91	124.68 -8.86 -3.21	126.65 -11.38 -0.89	107.60 -6.90 -4.95	95.31 -7.12 -2.08	85.65 -4.92 -2.77	84.23 -5.25 -1.95	83.18 -5.24 -1.15	84.20 -5.25 -2.01	84.40 -4.82 -1.60	84.10 -5.97 -2.26	85.02 -3.70 -0.56	84.48 -5.65 -1.87	77.67 -5.07 -0.93	76.31 -4.22 -3.84	69.75 -4.17 -0.81	70.60 -3.76 -2.07	75.04 -3.32 -6.21

GOODYEAR_LAKE_HYD 323669	119.06 5.06 -16.65	130.38 5.60 -8.06	132.95 5.73 -5.22	143.59 6.05 0.00	147.74 6.23 0.00	156.57 6.89 0.00	149.35 6.52 -9.80	152.65 6.26 -16.05	172.87 6.72 -29.00	127.49 5.59 -12.34	111.78 4.32 -7.11	98.15 3.42 -6.93	96.57 3.24 -5.80	96.16 3.23 -5.66	98.10 3.32 -7.35	116.23 3.77 -24.85	140.03 4.57 -47.66	193.55 4.76 -100.63	178.14 4.85 -85.03	163.37 4.01 -77.55	132.28 3.68 -51.91	137.12 3.29 -60.72	122.81 3.04 -47.48	90.51 2.81 -15.54
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	115.34 0.78 -17.21	125.28 0.23 -8.34	127.51 0.12 -5.39	137.26 -0.28 0.00	141.37 -0.14 0.00	149.23 -0.45 0.00	142.76 -0.40 -10.13	142.96 -1.17 -13.80	145.97 -0.96 -9.78	121.55 -0.66 -12.65	106.11 -0.90 -6.66	94.17 -0.79 -7.16	92.16 -1.05 -5.68	91.19 -0.96 -4.88	93.17 -1.05 -6.79	96.84 -0.79 -10.01	103.77 0.18 -15.78	110.69 -0.09 -22.62	110.00 0.35 -21.39	100.19 -0.65 -19.04	96.25 -0.61 -20.18	88.08 -0.66 -15.63	87.31 -0.58 -15.59	87.78 -0.43 -16.06
GOUDEY___7 23579	115.34 0.78 -17.21	125.28 0.23 -8.34	127.51 0.12 -5.39	137.26 -0.28 0.00	141.37 -0.14 0.00	149.23 -0.45 0.00	142.76 -0.40 -10.13	142.96 -1.17 -13.80	145.97 -0.96 -9.78	121.55 -0.66 -12.65	106.11 -0.90 -6.66	94.17 -0.79 -7.16	92.16 -1.05 -5.68	91.19 -0.96 -4.88	93.17 -1.05 -6.79	96.84 -0.79 -10.01	103.77 0.18 -15.78	110.69 -0.09 -22.62	110.00 0.35 -21.39	100.19 -0.65 -19.04	96.25 -0.61 -20.18	88.08 -0.66 -15.63	87.31 -0.58 -15.59	87.78 -0.43 -16.06
GOUDEY___8 23580	115.34 0.78 -17.21	125.28 0.23 -8.34	127.51 0.12 -5.39	137.26 -0.28 0.00	141.37 -0.14 0.00	149.23 -0.45 0.00	142.76 -0.40 -10.13	142.96 -1.17 -13.80	145.97 -0.96 -9.78	121.55 -0.66 -12.65	106.11 -0.90 -6.66	94.17 -0.79 -7.16	92.16 -1.05 -5.68	91.19 -0.96 -4.88	93.17 -1.05 -6.79	96.84 -0.79 -10.01	103.77 0.18 -15.78	110.69 -0.09 -22.62	110.00 0.35 -21.39	100.19 -0.65 -19.04	96.25 -0.61 -20.18	88.08 -0.66 -15.63	87.31 -0.58 -15.59	87.78 -0.43 -16.06
GOWANUS_GT1_1 24077	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT1_2 24078	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT1_3 24079	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT1_4 24080	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT1_5 24084	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT1_6 24111	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT1_7 24112	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT1_8 24113	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT2_1 24114	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT2_2 24115	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT2_3 24116	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15

GOWANUS_GT2_4 24117	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT2_5 24118	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT2_6 24119	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT2_7 24120	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT2_8 24121	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_1 24122	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_2 24123	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_3 24124	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_4 24125	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_5 24126	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_6 24127	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_7 24128	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT3_8 24129	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
GOWANUS_GT4_1 24130	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT4_2 24131	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15

GOWANUS_GT4_3 24132	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT4_4 24133	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT4_5 24134	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT4_6 24135	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT4_7 24136	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GOWANUS_GT4_8 24137	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GREENBSH_115KV_TB3 55895	166.76 3.70 -65.72	152.85 4.32 -31.82	147.10 4.51 -20.59	142.76 5.23 0.00	146.47 4.95 0.00	155.07 5.39 0.00	176.35 4.66 -38.66	197.99 4.30 -63.35	201.38 4.80 -59.44	162.20 3.94 -48.70	132.43 4.01 -28.06	118.83 3.69 -27.34	114.19 3.76 -22.89	113.36 3.75 -22.33	120.10 3.67 -28.99	146.66 3.50 -55.54	184.51 3.51 -93.19	265.79 3.53 -174.10	246.46 3.44 -154.76	226.95 3.11 -142.03	189.57 2.91 -109.97	187.99 2.78 -112.10	167.59 2.82 -92.47	136.22 2.74 -61.32
GREENDGE_115KV_TB5 80291	107.41 -0.49 -10.55	119.84 -1.98 -5.11	122.98 -2.32 -3.31	133.96 -3.58 0.00	138.12 -3.40 0.00	144.29 -5.39 0.00	136.05 -3.19 -6.21	120.31 -4.30 5.72	133.87 -5.07 -1.80	133.57 -3.72 -27.74	102.70 -3.71 -6.06	89.90 -2.28 -4.39	86.85 -2.54 -1.86	82.73 -2.62 1.93	84.87 -2.62 -0.06	90.96 -2.37 -5.71	111.80 -2.46 -26.45	99.44 -1.76 -13.04	106.47 -2.03 -20.24	86.64 -1.96 -6.80	86.99 -1.69 -11.99	76.87 -1.90 -5.67	79.74 -1.74 -9.18	80.48 -1.52 -9.84
GREENIDGE___3 23582	107.41 -0.49 -10.55	119.84 -1.98 -5.11	122.98 -2.32 -3.31	133.96 -3.58 0.00	138.12 -3.40 0.00	144.29 -5.39 0.00	136.05 -3.19 -6.21	120.31 -4.30 5.72	133.87 -5.07 -1.80	133.57 -3.72 -27.74	102.70 -3.71 -6.06	89.90 -2.28 -4.39	86.85 -2.54 -1.86	82.73 -2.62 1.93	84.87 -2.62 -0.06	90.96 -2.37 -5.71	111.80 -2.46 -26.45	99.44 -1.76 -13.04	106.47 -2.03 -20.24	86.64 -1.96 -6.80	86.99 -1.69 -11.99	76.87 -1.90 -5.67	79.74 -1.74 -9.18	80.48 -1.52 -9.84
GREENIDGE___4 23583	107.51 -0.39 -10.55	119.84 -1.98 -5.11	122.98 -2.32 -3.31	133.96 -3.58 0.00	138.12 -3.40 0.00	144.44 -5.24 0.00	136.19 -3.05 -6.21	120.32 -4.30 5.72	132.92 -6.03 -1.80	133.57 -3.73 -27.74	102.80 -3.61 -6.06	90.00 -2.19 -4.39	86.77 -2.62 -1.86	82.73 -2.62 1.93	84.78 -2.71 -0.06	90.87 -2.45 -5.71	111.80 -2.46 -26.45	99.18 -2.02 -13.04	106.74 -1.76 -20.24	86.32 -2.29 -6.80	86.99 -1.69 -11.99	76.87 -1.90 -5.67	79.74 -1.74 -9.18	80.48 -1.52 -9.84
GREENLWN_69_KV_BK 3 55738	160.75 9.54 -53.86	153.77 10.97 -26.08	150.09 11.22 -16.88	149.37 11.83 0.00	153.40 11.89 0.00	161.80 12.12 0.00	176.83 12.11 -31.69	194.38 12.12 -51.92	181.13 13.44 -30.54	159.99 10.52 -39.92	138.00 9.43 -28.22	123.24 8.34 -27.10	115.23 8.14 -19.56	116.72 8.03 -21.42	124.65 7.96 -29.25	141.51 8.06 -45.83	155.23 8.34 -59.08	187.13 8.73 -90.24	174.71 8.74 -77.72	160.07 7.69 -70.57	152.14 7.21 -68.25	147.69 6.80 -67.78	142.16 6.51 -63.36	135.81 6.13 -57.52
GREENWD_138_KV_38B11_REV_LBMP_J 345004	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15
GRISSOM___SOLAR 323813	178.03 7.88 -72.80	161.08 9.11 -35.25	154.33 9.52 -22.81	147.98 10.45 0.00	152.13 10.62 0.00	161.21 11.53 0.00	186.90 11.04 -42.83	211.21 10.69 -70.18	236.66 11.10 -88.41	171.40 7.89 -53.95	137.56 6.12 -31.09	122.91 4.83 -30.29	117.79 4.90 -25.36	116.90 4.88 -24.74	124.80 5.25 -32.12	172.55 5.96 -78.97	237.26 7.28 -142.16	393.45 7.41 -297.88	354.89 7.50 -259.13	326.90 6.95 -238.14	243.73 6.29 -160.75	262.77 5.85 -183.81	219.31 5.64 -141.38	145.43 5.34 -67.94
GROVEVILLE___HYD 323602	159.41 7.98 -54.08	152.24 9.34 -26.19	148.46 9.52 -16.95	147.99 10.45 0.00	152.13 10.61 0.00	160.76 11.08 0.00	175.10 10.24 -31.82	192.64 10.17 -52.14	179.36 11.38 -30.82	159.06 9.42 -40.08	131.48 8.03 -23.10	117.15 6.85 -22.50	113.11 6.74 -18.84	112.28 6.63 -18.38	117.85 6.56 -23.86	126.09 6.75 -31.73	140.41 7.11 -45.48	156.76 7.49 -61.11	154.75 7.41 -59.08	142.47 6.54 -54.12	142.12 6.13 -59.29	124.43 5.78 -45.55	122.76 5.57 -44.90	127.67 5.05 -50.47
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	102.52 -0.29 -5.47	118.43 -0.93 -2.65	122.61 -1.10 -1.71	135.89 -1.65 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	134.92 -1.33 -3.22	133.78 -1.82 -5.27	136.56 -2.06 -1.47	112.29 -1.31 -4.05	101.28 -1.40 -2.33	89.11 -0.97 -2.27	88.30 -1.14 -1.90	88.00 -1.13 -1.86	88.71 -1.14 -2.41	88.50 -1.05 -1.94	88.60 -0.97 -1.76	88.09 -0.53 -0.46	88.98 -0.79 -1.52	82.42 -0.90 -1.52	79.08 -0.77 -3.16	73.61 -0.80 -1.31	73.20 -0.80 -1.70	76.46 -0.79 -5.10

HAMLTNNY_34_KV_TB 80303	102.98 -0.19 -5.82	118.72 -0.82 -2.82	122.84 -0.98 -1.83	135.75 -1.79 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	135.13 -1.33 -3.43	134.13 -1.82 -5.61	136.52 -2.19 -1.57	112.56 -1.31 -4.32	101.33 -1.51 -2.49	89.26 -0.97 -2.42	88.42 -1.14 -2.03	88.12 -1.13 -1.98	88.78 -1.22 -2.57	88.72 -0.96 -2.06	88.72 -0.97 -1.88	88.21 -0.44 -0.49	89.08 -0.79 -1.61	82.52 -0.90 -1.62	79.28 -0.77 -3.36	73.62 -0.88 -1.39	73.31 -0.80 -1.81	76.80 -0.79 -5.43
HAMPSHIRE___PAPER_HYD 323593	98.82 0.10 -1.38	117.73 0.35 -0.67	122.79 0.37 -0.43	137.95 0.41 0.00	141.94 0.43 0.00	150.13 0.45 0.00	133.18 -0.66 -0.81	131.66 0.00 -1.33	137.11 -0.41 -0.37	109.70 -0.88 -1.02	100.44 -0.50 -0.59	87.58 -0.79 -0.57	86.96 -1.05 -0.48	86.70 -1.04 -0.47	87.08 -0.96 -0.61	87.31 -0.79 -0.49	87.90 -0.35 -0.44	87.67 -0.61 -0.12	87.84 -0.80 -0.38	81.45 -0.74 -0.38	76.71 -0.77 -0.79	73.00 -0.44 -0.33	72.00 -0.72 -0.43	72.94 -0.50 -1.28
HARDSCRABBLE_WT_PWR 323673	102.21 4.87 0.00	122.43 5.72 0.00	127.85 5.86 0.00	143.87 6.33 0.00	148.03 6.51 0.00	156.86 7.18 0.00	139.42 6.39 0.00	136.46 6.13 0.00	143.73 6.58 0.00	114.92 5.37 0.00	105.17 4.82 0.00	92.01 4.21 0.00	91.65 4.11 0.00	91.29 4.02 0.00	91.46 4.02 0.00	91.74 4.12 0.00	91.94 4.13 0.00	92.13 3.97 0.00	92.14 3.88 0.00	84.99 3.19 0.00	79.44 2.76 0.00	75.60 2.49 0.00	74.67 2.38 0.00	74.53 2.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	154.90 6.91 -50.64	149.17 7.94 -24.52	145.91 8.05 -15.87	146.20 8.66 0.00	150.43 8.92 0.00	158.96 9.28 0.00	171.48 8.65 -29.79	187.76 8.60 -48.82	175.58 9.74 -28.70	155.20 8.11 -37.53	128.80 6.82 -21.63	114.75 5.88 -21.07	110.86 5.69 -17.64	110.07 5.59 -17.21	115.37 5.60 -22.34	122.89 5.70 -29.58	136.09 5.97 -42.31	150.97 6.35 -56.46	149.30 6.35 -54.68	137.47 5.56 -50.10	137.14 5.21 -55.24	120.23 4.90 -42.22	118.75 4.70 -41.76	123.60 4.18 -47.26
HARSNRAD_115KV_TB1 81005	98.10 -7.30 -8.06	110.46 -10.15 -3.90	113.54 -10.98 -2.53	123.23 -14.30 0.00	127.08 -14.43 0.00	133.51 -16.17 0.00	122.87 -14.90 -4.74	116.08 -17.07 -2.82	119.80 -20.71 -3.36	86.32 -13.80 9.44	85.01 -13.55 1.79	80.26 -10.89 -3.35	78.68 -11.12 -2.27	77.46 -10.91 -1.10	78.78 -10.84 -2.19	79.34 -9.90 -1.63	71.13 -10.98 5.71	86.85 -9.43 -8.12	80.30 -10.77 -2.81	76.80 -10.63 -5.63	76.63 -9.05 -8.99	69.74 -8.48 -5.12	71.48 -7.66 -6.85	72.82 -6.85 -7.52
HARZA MOOSE___RIVER 24016	102.29 3.21 -1.73	121.17 3.62 -0.84	126.20 3.66 -0.54	141.39 3.85 0.00	145.33 3.82 0.00	154.32 4.64 0.00	137.78 3.72 -1.02	135.79 3.78 -1.67	141.32 3.70 -0.47	113.69 2.85 -1.28	103.30 2.21 -0.74	90.19 1.67 -0.72	89.18 1.05 -0.60	89.00 1.13 -0.59	89.42 1.22 -0.76	89.81 1.58 -0.61	90.39 2.02 -0.56	90.60 2.29 -0.15	90.94 2.21 -0.48	84.01 1.72 -0.48	79.15 1.46 -1.00	74.84 1.32 -0.41	73.84 1.01 -0.54	74.71 0.94 -1.62
HDSNBRDG_115KV_BRDG_TB1 355580	101.22 -1.07 -4.94	117.36 -1.75 -2.39	121.59 -1.95 -1.55	134.79 -2.75 0.00	138.68 -2.83 0.00	146.69 -2.99 0.00	133.55 -2.39 -2.91	132.23 -2.87 -4.76	135.32 -3.15 -1.33	111.14 -2.08 -3.66	100.25 -2.21 -2.11	88.19 -1.67 -2.06	87.41 -1.84 -1.72	87.12 -1.83 -1.68	87.78 -1.84 -2.18	87.70 -1.66 -1.75	87.73 -1.67 -1.59	87.43 -1.15 -0.41	88.13 -1.50 -1.37	81.62 -1.55 -1.37	78.16 -1.38 -2.85	72.90 -1.39 -1.18	72.46 -1.37 -1.54	75.47 -1.30 -4.61
HELLGATE_13_KV_LD 55870	159.99 8.76 -53.89	152.85 10.04 -26.10	149.12 10.25 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	161.06 11.38 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.53 10.41 -49.56	131.79 8.43 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	126.02 6.92 -31.48	140.05 7.20 -45.04	155.92 7.58 -60.17	154.12 7.59 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	159.99 8.76 -53.89	152.85 10.04 -26.10	149.12 10.25 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	161.06 11.38 0.00	175.64 10.91 -31.70	193.09 10.82 -51.94	189.11 12.34 -39.62	169.53 10.41 -49.56	131.79 8.43 -23.01	117.59 7.38 -22.42	113.56 7.27 -18.77	112.65 7.07 -18.31	118.20 6.99 -23.77	126.02 6.92 -31.48	140.05 7.20 -45.04	155.92 7.58 -60.17	154.12 7.59 -58.27	141.81 6.63 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
HEMPSTEAD___ 23647	159.28 8.08 -53.86	152.24 9.45 -26.08	148.88 10.01 -16.88	148.40 10.86 0.00	152.13 10.62 0.00	160.15 10.47 0.00	174.83 10.11 -31.69	192.43 10.17 -51.92	179.07 11.38 -30.54	159.12 9.64 -39.92	137.50 8.93 -28.22	122.71 7.81 -27.10	114.79 7.70 -19.56	116.28 7.59 -21.42	124.21 7.52 -29.25	140.99 7.54 -45.83	154.80 7.91 -59.08	187.17 8.11 -90.90	174.81 8.21 -78.35	159.74 7.37 -70.57	151.76 6.82 -68.25	147.25 6.36 -67.78	141.79 6.14 -63.36	135.38 5.70 -57.52
HEWLETT_69_KV_BK3 55828	160.94 9.73 -53.86	154.12 11.32 -26.08	150.46 11.59 -16.88	149.92 12.38 0.00	153.97 12.45 0.00	162.25 12.57 0.00	177.09 12.37 -31.69	194.51 12.25 -51.92	181.40 13.71 -30.54	160.54 11.07 -39.92	138.21 9.63 -28.22	123.42 8.52 -27.10	115.40 8.32 -19.56	116.90 8.20 -21.42	124.82 8.13 -29.25	141.69 8.24 -45.83	155.50 8.61 -59.08	189.08 8.55 -92.36	176.56 8.56 -79.74	160.23 7.85 -70.57	152.37 7.44 -68.25	147.83 6.95 -67.78	142.30 6.65 -63.36	135.88 6.21 -57.52
HICKLING___1 23621	110.35 -0.49 -13.49	121.49 -1.75 -6.53	124.15 -2.07 -4.23	134.51 -3.03 0.00	138.68 -2.83 0.00	145.94 -3.74 0.00	137.51 -3.46 -7.94	123.99 -4.69 1.66	136.30 -4.80 -3.95	122.61 -3.94 -16.99	100.49 -4.01 -4.15	89.99 -3.42 -5.61	86.88 -3.68 -3.02	83.11 -3.67 0.50	85.39 -3.76 -1.71	89.95 -3.50 -5.83	104.19 -1.93 -18.31	102.48 -2.56 -16.87	105.61 -1.59 -18.94	89.21 -3.11 -10.52	89.29 -2.84 -15.44	78.91 -2.92 -8.73	81.47 -2.67 -11.85	82.51 -2.24 -12.59
HICKLING___2 23622	110.35 -0.49 -13.49	121.49 -1.75 -6.53	124.15 -2.07 -4.23	134.51 -3.03 0.00	138.68 -2.83 0.00	145.94 -3.74 0.00	137.51 -3.46 -7.94	123.99 -4.69 1.66	136.30 -4.80 -3.95	122.61 -3.94 -16.99	100.49 -4.01 -4.15	89.99 -3.42 -5.61	86.88 -3.68 -3.02	83.11 -3.67 0.50	85.39 -3.76 -1.71	89.95 -3.50 -5.83	104.19 -1.93 -18.31	102.48 -2.56 -16.87	105.61 -1.59 -18.94	89.21 -3.11 -10.52	89.29 -2.84 -15.44	78.91 -2.92 -8.73	81.47 -2.67 -11.85	82.51 -2.24 -12.59
HIGH FALLS___HY 23754	159.27 8.08 -53.84	152.24 9.45 -26.07	148.38 9.52 -16.87	147.85 10.32 0.00	152.13 10.61 0.00	160.76 11.08 0.00	175.09 10.38 -31.68	192.67 10.43 -51.91	181.46 11.66 -32.66	158.99 9.53 -39.90	131.17 7.83 -22.99	116.78 6.58 -22.40	112.68 6.39 -18.76	111.68 6.11 -18.30	117.40 6.21 -23.75	127.29 6.57 -33.11	143.60 7.11 -48.68	165.60 7.67 -69.77	162.17 7.68 -66.24	149.14 6.63 -60.70	145.32 6.21 -62.43	129.38 5.85 -50.42	125.95 5.57 -48.09	127.38 4.98 -50.25
HIGH_RIVER___SOLAR 323847	173.41 5.64 -70.42	157.34 6.53 -34.10	150.89 6.83 -22.07	145.10 7.56 0.00	149.15 7.64 0.00	157.91 8.23 0.00	182.18 7.71 -41.43	205.51 7.29 -67.88	236.18 7.68 -91.36	166.89 5.15 -52.19	134.24 3.81 -30.07	120.17 3.07 -29.30	115.21 3.15 -24.53	114.43 3.23 -23.93	122.00 3.50 -31.06	172.46 3.95 -80.90	240.39 5.00 -147.58	406.72 5.29 -313.27	364.86 5.30 -271.31	335.85 4.83 -249.22	246.70 4.45 -165.56	269.39 4.17 -192.12	223.16 4.05 -146.82	141.69 3.82 -65.71

HILLBURN___GT 23639	155.20 6.52 -51.33	149.15 7.58 -24.86	145.77 7.69 -16.09	145.93 8.39 0.00	149.86 8.35 0.00	158.36 8.68 0.00	171.49 8.25 -30.20	188.04 8.22 -49.48	175.57 9.33 -29.09	155.49 7.89 -38.04	129.00 6.72 -21.92	114.95 5.79 -21.36	111.10 5.69 -17.88	110.31 5.59 -17.44	115.68 5.60 -22.64	123.21 5.61 -29.98	136.58 5.88 -42.89	151.48 6.08 -57.23	149.87 6.18 -55.43	138.07 5.48 -50.78	137.74 5.06 -55.99	120.66 4.75 -42.80	119.18 4.56 -42.33	124.17 4.11 -47.90
HILLSIDE_115KV_TB1 80332	109.57 -1.75 -13.97	120.44 -3.03 -6.77	122.95 -3.42 -4.38	133.27 -4.26 0.00	137.27 -4.25 0.00	144.59 -5.09 0.00	136.46 -4.79 -8.22	124.21 -5.87 0.26	135.76 -5.90 -4.51	120.45 -4.71 -15.61	99.75 -4.72 -4.11	89.40 -4.21 -5.81	86.36 -4.46 -3.30	82.90 -4.36 0.01	85.17 -4.46 -2.19	89.50 -4.21 -6.09	102.62 -2.46 -17.27	102.32 -3.35 -17.51	104.83 -2.29 -18.87	89.39 -3.76 -11.35	89.17 -3.53 -16.01	79.02 -3.51 -9.42	81.33 -3.25 -12.29	82.38 -2.81 -13.04
HISHELDN_WT_PWR 323625	102.22 -4.67 -9.55	114.21 -7.12 -4.62	117.06 -7.93 -2.99	127.08 -10.46 0.00	131.04 -10.47 0.00	138.00 -11.68 0.00	127.61 -11.04 -5.62	119.11 -13.56 -2.33	125.88 -14.95 -3.68	66.40 -11.40 31.76	81.16 -11.24 7.95	82.46 -9.31 -3.97	80.44 -9.63 -2.54	78.53 -9.60 -0.86	79.95 -9.71 -2.22	76.11 -9.64 1.87	55.40 -8.52 23.90	89.13 -8.82 -9.78	74.91 -8.03 5.32	80.29 -7.93 -6.41	79.39 -8.05 -10.75	71.06 -7.90 -5.85	73.28 -7.23 -8.21	74.57 -6.49 -8.91
HOLTSVILLE_IC_1 23690	162.49 11.29 -53.86	155.86 13.07 -26.08	152.41 13.54 -16.88	152.40 14.86 0.00	156.23 14.72 0.00	164.50 14.82 0.00	180.68 15.96 -31.69	198.15 15.90 -51.92	184.69 17.00 -30.54	160.65 11.18 -39.92	140.41 11.84 -28.22	124.91 10.01 -27.10	116.55 9.46 -19.56	118.04 9.34 -21.42	125.43 8.74 -29.25	142.48 9.03 -45.83	157.78 10.89 -59.08	190.07 11.64 -90.27	178.09 12.09 -77.74	162.60 10.22 -70.57	153.98 9.04 -68.25	149.00 8.11 -67.78	144.11 8.45 -63.36	138.26 8.58 -57.52
HOLTSVILLE_IC_10 23699	162.88 11.68 -53.86	156.33 13.53 -26.08	152.89 14.02 -16.88	152.80 15.26 0.00	156.80 15.29 0.00	164.95 15.27 0.00	181.21 16.49 -31.69	198.55 16.29 -51.92	185.25 17.56 -30.54	161.20 11.73 -39.92	140.81 12.24 -28.22	125.26 10.36 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	125.78 9.09 -29.25	142.91 9.47 -45.83	158.13 11.24 -59.08	190.42 11.99 -90.27	178.53 12.53 -77.75	163.01 10.63 -70.57	154.36 9.43 -68.25	149.37 8.48 -67.78	144.47 8.82 -63.36	138.48 8.80 -57.52
HOLTSVILLE_IC_2 23691	162.49 11.29 -53.86	155.86 13.07 -26.08	152.41 13.54 -16.88	152.40 14.86 0.00	156.23 14.72 0.00	164.50 14.82 0.00	180.68 15.96 -31.69	198.15 15.90 -51.92	184.69 17.00 -30.54	160.65 11.18 -39.92	140.41 11.84 -28.22	124.91 10.01 -27.10	116.55 9.46 -19.56	118.04 9.34 -21.42	125.43 8.74 -29.25	142.48 9.03 -45.83	157.78 10.89 -59.08	190.07 11.64 -90.27	178.09 12.09 -77.74	162.60 10.22 -70.57	153.98 9.04 -68.25	149.00 8.11 -67.78	144.11 8.45 -63.36	138.26 8.58 -57.52
HOLTSVILLE_IC_3 23692	162.49 11.29 -53.86	155.86 13.07 -26.08	152.41 13.54 -16.88	152.40 14.86 0.00	156.23 14.72 0.00	164.50 14.82 0.00	180.68 15.96 -31.69	198.15 15.90 -51.92	184.69 17.00 -30.54	160.65 11.18 -39.92	140.41 11.84 -28.22	124.91 10.01 -27.10	116.55 9.46 -19.56	118.04 9.34 -21.42	125.43 8.74 -29.25	142.48 9.03 -45.83	157.78 10.89 -59.08	190.07 11.64 -90.27	178.09 12.09 -77.74	162.60 10.22 -70.57	153.98 9.04 -68.25	149.00 8.11 -67.78	144.11 8.45 -63.36	138.26 8.58 -57.52
HOLTSVILLE_IC_4 23693	162.49 11.29 -53.86	155.86 13.07 -26.08	152.41 13.54 -16.88	152.40 14.86 0.00	156.23 14.72 0.00	164.50 14.82 0.00	180.68 15.96 -31.69	198.15 15.90 -51.92	184.69 17.00 -30.54	160.65 11.18 -39.92	140.41 11.84 -28.22	124.91 10.01 -27.10	116.55 9.46 -19.56	118.04 9.34 -21.42	125.43 8.74 -29.25	142.48 9.03 -45.83	157.78 10.89 -59.08	190.07 11.64 -90.27	178.09 12.09 -77.74	162.60 10.22 -70.57	153.98 9.04 -68.25	149.00 8.11 -67.78	144.11 8.45 -63.36	138.26 8.58 -57.52
HOLTSVILLE_IC_5 23694	162.49 11.29 -53.86	155.86 13.07 -26.08	152.41 13.54 -16.88	152.40 14.86 0.00	156.23 14.72 0.00	164.50 14.82 0.00	180.68 15.96 -31.69	198.15 15.90 -51.92	184.69 17.00 -30.54	160.65 11.18 -39.92	140.41 11.84 -28.22	124.91 10.01 -27.10	116.55 9.46 -19.56	118.04 9.34 -21.42	125.43 8.74 -29.25	142.48 9.03 -45.83	157.78 10.89 -59.08	190.07 11.64 -90.27	178.09 12.09 -77.74	162.60 10.22 -70.57	153.98 9.04 -68.25	149.00 8.11 -67.78	144.11 8.45 -63.36	138.26 8.58 -57.52
HOLTSVILLE_IC_6 23695	162.88 11.68 -53.86	156.33 13.53 -26.08	152.89 14.02 -16.88	152.80 15.26 0.00	156.80 15.29 0.00	164.95 15.27 0.00	181.21 16.49 -31.69	198.55 16.29 -51.92	185.25 17.56 -30.54	161.20 11.73 -39.92	140.81 12.24 -28.22	125.26 10.36 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	125.78 9.09 -29.25	142.91 9.47 -45.83	158.13 11.24 -59.08	190.42 11.99 -90.27	178.53 12.53 -77.75	163.01 10.63 -70.57	154.36 9.43 -68.25	149.37 8.48 -67.78	144.47 8.82 -63.36	138.48 8.80 -57.52
HOLTSVILLE_IC_7 23696	162.88 11.68 -53.86	156.33 13.53 -26.08	152.89 14.02 -16.88	152.80 15.26 0.00	156.80 15.29 0.00	164.95 15.27 0.00	181.21 16.49 -31.69	198.55 16.29 -51.92	185.25 17.56 -30.54	161.20 11.73 -39.92	140.81 12.24 -28.22	125.26 10.36 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	125.78 9.09 -29.25	142.91 9.47 -45.83	158.13 11.24 -59.08	190.42 11.99 -90.27	178.53 12.53 -77.75	163.01 10.63 -70.57	154.36 9.43 -68.25	149.37 8.48 -67.78	144.47 8.82 -63.36	138.48 8.80 -57.52
HOLTSVILLE_IC_8 23697	162.88 11.68 -53.86	156.33 13.53 -26.08	152.89 14.02 -16.88	152.80 15.26 0.00	156.80 15.29 0.00	164.95 15.27 0.00	181.21 16.49 -31.69	198.55 16.29 -51.92	185.25 17.56 -30.54	161.20 11.73 -39.92	140.81 12.24 -28.22	125.26 10.36 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	125.78 9.09 -29.25	142.91 9.47 -45.83	158.13 11.24 -59.08	190.42 11.99 -90.27	178.53 12.53 -77.75	163.01 10.63 -70.57	154.36 9.43 -68.25	149.37 8.48 -67.78	144.47 8.82 -63.36	138.48 8.80 -57.52
HOLTSVILLE_IC_9 23698	162.88 11.68 -53.86	156.33 13.53 -26.08	152.89 14.02 -16.88	152.80 15.26 0.00	156.80 15.29 0.00	164.95 15.27 0.00	181.21 16.49 -31.69	198.55 16.29 -51.92	185.25 17.56 -30.54	161.20 11.73 -39.92	140.81 12.24 -28.22	125.26 10.36 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	125.78 9.09 -29.25	142.91 9.47 -45.83	158.13 11.24 -59.08	190.42 11.99 -90.27	178.53 12.53 -77.75	163.01 10.63 -70.57	154.36 9.43 -68.25	149.37 8.48 -67.78	144.47 8.82 -63.36	138.48 8.80 -57.52
HOMER_HL_115KV_TB2 355744	101.68 -5.74 -10.08	113.66 -7.94 -4.88	116.37 -8.78 -3.16	128.60 -8.94 0.00	132.60 -8.92 0.00	139.35 -10.33 0.00	127.39 -11.57 -5.93	120.62 -12.25 -2.53	131.19 -9.87 -3.92	104.02 -9.42 -3.89	93.26 -8.73 -1.64	82.68 -9.31 -4.19	80.77 -9.45 -2.69	78.96 -9.25 -0.93	80.36 -9.44 -2.37	82.32 -9.11 -3.82	90.96 -2.90 -6.05	90.51 -8.02 -10.37	93.85 -3.00 -8.60	80.53 -8.10 -6.82	80.09 -7.98 -11.38	71.58 -7.75 -6.22	73.76 -7.23 -8.69	75.06 -6.49 -9.40
HOWARD_WT_PWR 323690	108.08 -0.48 -11.21	119.69 -2.46 -5.43	122.46 -3.05 -3.51	133.00 -4.54 0.00	137.27 -4.24 0.00	144.30 -5.38 0.00	134.85 -4.78 -6.60	120.14 -6.51 3.68	132.06 -7.68 -2.59	154.35 -6.36 -51.15	106.85 -6.32 -12.82	87.46 -5.00 -4.67	84.27 -5.51 -2.25	80.30 -5.76 1.22	82.34 -5.86 -0.76	91.70 -5.87 -9.95	129.29 -4.66 -46.14	96.75 -5.29 -13.88	113.46 -4.50 -29.70	85.18 -4.58 -7.95	84.31 -5.14 -12.76	74.60 -5.12 -6.61	77.37 -4.70 -9.77	78.36 -4.26 -10.46

HQ_GEN_CEDARS 23644	95.40 -1.95 0.00	114.96 -1.75 0.00	120.28 -1.71 0.00	136.16 -1.38 0.00	140.38 -1.13 0.00	148.18 -1.50 0.00	131.04 -2.00 0.00	129.29 -1.04 0.00	135.78 -1.37 0.00	107.59 -1.97 0.00	99.25 -1.10 0.00	86.48 -1.32 0.00	86.57 -0.96 0.00	86.31 -0.96 0.00	86.47 -0.96 0.00	86.39 -1.23 0.00	86.58 -1.23 0.00	86.22 -1.94 0.00	86.58 -1.68 0.00	80.66 -1.15 0.00	75.38 -1.30 0.00	72.16 -0.95 0.00	71.28 -1.01 0.00	71.51 -0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	95.40 -1.95 0.00	115.08 -1.63 0.00	120.40 -1.59 0.00	136.16 -1.38 0.00	140.38 -1.14 0.00	148.18 -1.50 0.00	130.90 -2.13 0.00	129.29 -1.05 0.00	135.78 -1.37 0.00	107.69 -1.86 0.00	99.15 -1.20 0.00	86.57 -1.23 0.00	86.57 -0.96 0.00	86.32 -0.96 0.00	86.48 -0.96 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.40 -1.76 0.00	86.23 -2.03 0.00	80.42 -1.39 0.00	75.38 -1.30 0.00	72.16 -0.95 0.00	71.28 -1.01 0.00	71.50 -0.65 0.00
HQ_GEN_IMPORT 323601	95.01 -2.34 0.00	114.49 -2.22 0.00	119.80 -2.19 0.00	135.61 -1.93 0.00	139.67 -1.84 0.00	147.73 -1.95 0.00	130.90 -2.13 0.00	129.03 -1.30 0.00	135.64 -1.51 0.00	107.80 -1.76 0.00	99.04 -1.31 0.00	86.39 -1.41 0.00	86.39 -1.14 0.00	86.14 -1.14 0.00	86.39 -1.05 0.00	86.39 -1.23 0.00	86.40 -1.41 0.00	86.40 -1.76 0.00	86.40 -1.86 0.00	80.50 -1.31 0.00	75.46 -1.23 0.00	72.01 -1.09 0.00	71.21 -1.08 0.00	71.21 -0.94 0.00
HQ_GEN_WHEEL 23651	95.01 -2.34 0.00	114.49 -2.22 0.00	119.80 -2.19 0.00	135.61 -1.93 0.00	139.67 -1.84 0.00	147.73 -1.95 0.00	130.90 -2.13 0.00	129.03 -1.30 0.00	135.64 -1.51 0.00	107.80 -1.76 0.00	99.04 -1.31 0.00	86.39 -1.41 0.00	86.39 -1.14 0.00	86.14 -1.14 0.00	86.39 -1.05 0.00	86.39 -1.23 0.00	86.40 -1.41 0.00	86.40 -1.76 0.00	86.40 -1.86 0.00	80.50 -1.31 0.00	75.46 -1.23 0.00	72.01 -1.09 0.00	71.21 -1.08 0.00	71.21 -0.94 0.00
HUDSON AVE_GT_3 23810	159.69 8.47 -53.87	152.37 9.57 -26.09	148.76 9.88 -16.88	147.99 10.45 0.00	152.13 10.61 0.00	160.76 11.08 0.00	175.37 10.64 -31.70	192.83 10.56 -51.94	179.77 12.07 -30.55	159.67 10.19 -39.93	131.49 8.13 -23.01	117.32 7.11 -22.41	113.30 7.00 -18.77	112.39 6.81 -18.31	118.02 6.82 -23.77	125.85 6.75 -31.48	139.87 7.02 -45.04	155.55 7.23 -60.16	153.66 7.15 -58.26	141.64 6.46 -53.37	141.54 6.06 -58.80	123.71 5.63 -44.97	122.10 5.35 -44.46	127.34 4.91 -50.27
HUDSON AVE_GT_4 23540	159.69 8.47 -53.87	152.37 9.57 -26.09	148.76 9.88 -16.88	147.99 10.45 0.00	152.13 10.61 0.00	160.76 11.08 0.00	175.37 10.64 -31.70	192.83 10.56 -51.94	179.77 12.07 -30.55	159.67 10.19 -39.93	131.49 8.13 -23.01	117.32 7.11 -22.41	113.30 7.00 -18.77	112.39 6.81 -18.31	118.02 6.82 -23.77	125.85 6.75 -31.48	139.87 7.02 -45.04	155.55 7.23 -60.16	153.66 7.15 -58.26	141.64 6.46 -53.37	141.54 6.06 -58.80	123.71 5.63 -44.97	122.10 5.35 -44.46	127.34 4.91 -50.27
HUDSON AVE_GT_5 23657	159.69 8.47 -53.87	152.37 9.57 -26.09	148.76 9.88 -16.88	147.99 10.45 0.00	152.13 10.61 0.00	160.76 11.08 0.00	175.37 10.64 -31.70	192.83 10.56 -51.94	179.77 12.07 -30.55	159.67 10.19 -39.93	131.49 8.13 -23.01	117.32 7.11 -22.41	113.30 7.00 -18.77	112.39 6.81 -18.31	118.02 6.82 -23.77	125.85 6.75 -31.48	139.87 7.02 -45.04	155.55 7.23 -60.16	153.66 7.15 -58.26	141.64 6.46 -53.37	141.54 6.06 -58.80	123.71 5.63 -44.97	122.10 5.35 -44.46	127.34 4.91 -50.27
HUDSON_AVE_10 24168	159.50 8.27 -53.87	152.14 9.34 -26.09	148.39 9.52 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.31 10.63 0.00	175.11 10.38 -31.70	192.57 10.30 -51.94	179.63 11.93 -30.55	159.56 10.08 -39.93	131.29 7.93 -23.01	117.24 7.02 -22.41	113.12 6.83 -18.77	112.30 6.72 -18.31	117.85 6.65 -23.77	125.76 6.66 -31.48	139.78 6.94 -45.04	155.73 6.88 -60.69	153.82 6.80 -58.76	141.56 6.38 -53.37	141.46 5.98 -58.80	123.63 5.56 -44.97	122.03 5.28 -44.46	127.19 4.76 -50.27
HUDSON___115KV_TB 4 355613	166.99 5.35 -64.29	154.15 6.30 -31.13	148.73 6.59 -20.15	145.93 8.39 0.00	149.72 8.21 0.00	158.51 8.83 0.00	177.91 7.05 -37.83	199.09 6.78 -61.98	197.63 7.27 -53.21	162.90 5.70 -47.65	133.03 5.22 -27.46	119.02 4.48 -26.75	114.39 4.46 -22.39	113.48 4.36 -21.85	120.26 4.46 -28.36	142.78 4.64 -50.52	175.47 5.01 -82.65	241.29 5.20 -147.93	226.26 5.21 -132.79	208.23 4.58 -121.84	180.05 4.29 -99.07	174.07 4.02 -96.94	158.23 3.98 -81.96	135.90 3.75 -60.00
HUNTER MOUNT___DRP 323613	165.68 5.55 -62.78	153.77 6.65 -30.40	148.62 6.95 -19.67	147.03 9.49 0.00	150.85 9.34 0.00	159.71 10.03 0.00	177.29 7.32 -36.94	198.16 7.30 -60.52	194.05 7.82 -49.09	162.11 6.03 -46.53	132.58 5.42 -26.81	118.40 4.48 -26.12	113.86 4.46 -21.87	112.88 4.28 -21.33	119.59 4.46 -27.69	139.46 4.73 -47.11	168.83 5.27 -75.75	225.20 5.64 -131.39	212.64 5.56 -118.82	195.64 4.83 -109.01	172.99 4.52 -91.78	164.66 4.31 -87.24	151.49 4.12 -75.07	134.64 3.90 -58.58
HUNTINGTON_RES_REC 323705	159.97 8.76 -53.86	153.41 10.62 -26.08	150.09 11.22 -16.88	149.92 12.38 0.00	153.40 11.89 0.00	160.91 11.23 0.00	176.43 11.71 -31.69	193.99 11.74 -51.92	180.58 12.89 -30.54	159.77 10.30 -39.92	139.11 10.53 -28.22	124.03 9.13 -27.10	115.93 8.84 -19.56	117.42 8.73 -21.42	125.17 8.48 -29.25	142.13 8.68 -45.83	156.55 9.66 -59.08	188.46 10.05 -90.25	176.30 10.32 -77.72	161.37 9.00 -70.57	153.06 8.13 -68.25	148.35 7.46 -67.78	143.17 7.52 -63.36	136.89 7.21 -57.52
HUNTLEY___63 23557	99.76 -5.94 -8.35	112.12 -8.64 -4.05	115.22 -9.39 -2.62	125.02 -12.52 0.00	128.92 -12.59 0.00	135.31 -14.37 0.00	124.51 -13.44 -4.91	117.46 -15.90 -3.03	121.67 -18.93 -3.45	91.61 -12.16 5.78	87.47 -12.04 0.84	81.62 -9.66 -3.48	79.97 -9.89 -2.33	78.59 -9.77 -1.09	79.96 -9.71 -2.23	80.79 -8.76 -1.94	76.13 -9.04 2.63	88.41 -8.20 -8.45	82.87 -8.91 -3.53	78.06 -9.57 -5.82	77.98 -8.05 -9.34	70.65 -7.75 -5.29	72.47 -6.94 -7.12	73.89 -6.06 -7.80
HUNTLEY___64 23558	99.76 -5.94 -8.35	112.12 -8.64 -4.05	115.22 -9.39 -2.62	125.02 -12.52 0.00	128.92 -12.59 0.00	135.31 -14.37 0.00	124.51 -13.44 -4.91	117.46 -15.90 -3.03	121.67 -18.93 -3.45	91.61 -12.16 5.78	87.47 -12.04 0.84	81.62 -9.66 -3.48	79.97 -9.89 -2.33	78.59 -9.77 -1.09	79.96 -9.71 -2.23	80.79 -8.76 -1.94	76.13 -9.04 2.63	88.41 -8.20 -8.45	82.87 -8.91 -3.53	78.06 -9.57 -5.82	77.98 -8.05 -9.34	70.65 -7.75 -5.29	72.47 -6.94 -7.12	73.89 -6.06 -7.80
HUNTLEY___65 23559	99.76 -5.94 -8.35	112.12 -8.64 -4.05	115.22 -9.39 -2.62	125.02 -12.52 0.00	128.92 -12.59 0.00	135.31 -14.37 0.00	124.51 -13.44 -4.91	117.46 -15.90 -3.03	121.67 -18.93 -3.45	91.61 -12.16 5.78	87.47 -12.04 0.84	81.62 -9.66 -3.48	79.97 -9.89 -2.33	78.59 -9.77 -1.09	79.96 -9.71 -2.23	80.79 -8.76 -1.94	76.13 -9.04 2.63	88.41 -8.20 -8.45	82.87 -8.91 -3.53	78.06 -9.57 -5.82	77.98 -8.05 -9.34	70.65 -7.75 -5.29	72.47 -6.94 -7.12	73.89 -6.06 -7.80
HUNTLEY___66 23560	99.76 -5.94 -8.35	112.12 -8.64 -4.05	115.22 -9.39 -2.62	125.02 -12.52 0.00	128.92 -12.59 0.00	135.31 -14.37 0.00	124.51 -13.44 -4.91	117.46 -15.90 -3.03	121.67 -18.93 -3.45	91.61 -12.16 5.78	87.47 -12.04 0.84	81.62 -9.66 -3.48	79.97 -9.89 -2.33	78.59 -9.77 -1.09	79.96 -9.71 -2.23	80.79 -8.76 -1.94	76.13 -9.04 2.63	88.41 -8.20 -8.45	82.87 -8.91 -3.53	78.06 -9.57 -5.82	77.98 -8.05 -9.34	70.65 -7.75 -5.29	72.47 -6.94 -7.12	73.89 -6.06 -7.80

HUNTLEY___67 23561	99.92 -5.94 -8.51	112.32 -8.52 -4.12	115.39 -9.27 -2.67	125.30 -12.24 0.00	129.20 -12.31 0.00	135.76 -13.92 0.00	125.01 -13.04 -5.01	117.79 -15.51 -2.96	122.40 -18.24 -3.50	89.07 -12.38 8.10	86.64 -12.24 1.47	81.51 -9.83 -3.54	79.83 -10.07 -2.37	78.40 -9.95 -1.08	79.80 -9.88 -2.24	79.88 -9.37 -1.64	73.91 -9.40 4.51	88.41 -8.38 -8.63	81.93 -9.18 -2.85	78.07 -9.65 -5.92	78.02 -8.21 -9.53	70.59 -7.90 -5.38	72.47 -7.08 -7.27	73.75 -6.35 -7.95
HUNTLEY___68 23562	99.92 -5.94 -8.51	112.32 -8.52 -4.12	115.39 -9.27 -2.67	125.30 -12.24 0.00	129.20 -12.31 0.00	135.76 -13.92 0.00	125.01 -13.04 -5.01	117.79 -15.51 -2.96	122.40 -18.24 -3.50	89.07 -12.38 8.10	86.64 -12.24 1.47	81.51 -9.83 -3.54	79.83 -10.07 -2.37	78.40 -9.95 -1.08	79.80 -9.88 -2.24	79.88 -9.37 -1.64	73.91 -9.40 4.51	88.41 -8.38 -8.63	81.93 -9.18 -2.85	78.07 -9.65 -5.92	78.02 -8.21 -9.53	70.59 -7.90 -5.38	72.47 -7.08 -7.27	73.75 -6.35 -7.95
HYLAND___LFGE 323620	109.72 3.11 -9.26	116.18 -5.02 -4.49	119.53 -5.36 -2.90	129.01 -8.53 0.00	133.03 -8.49 0.00	140.54 -9.14 0.00	130.63 -7.85 -5.45	123.15 -8.21 -1.02	129.53 -10.84 -3.22	154.64 -9.86 -54.95	107.37 -7.93 -14.95	89.90 -1.76 -3.85	87.23 -2.62 -2.32	85.06 -2.62 -0.40	86.79 -2.45 -1.80	96.94 -1.75 -11.08	135.58 -0.71 -48.47	98.35 0.70 -9.48	116.49 0.88 -27.35	87.57 -0.08 -5.85	86.89 -0.23 -10.43	77.75 -0.73 -5.37	79.75 -0.50 -7.96	80.58 -0.22 -8.64
INDECK___CORINTH 23802	174.34 8.86 -68.14	160.09 10.38 -33.00	154.56 11.22 -21.35	150.05 12.51 0.00	154.25 12.74 0.00	163.44 13.76 0.00	185.89 12.77 -40.09	208.41 12.39 -65.68	238.57 13.17 -88.25	170.35 10.30 -50.50	138.28 8.83 -29.10	123.52 7.38 -28.35	118.62 7.35 -23.73	117.49 7.07 -23.15	124.66 7.17 -30.06	173.40 7.62 -78.16	238.61 8.25 -142.55	397.81 8.20 -301.45	357.33 8.11 -260.96	328.96 7.52 -239.63	243.54 6.90 -159.95	264.80 6.72 -184.97	220.68 6.58 -141.81	142.16 6.42 -63.58
INDECK___ILION 23567	100.66 3.31 0.00	120.45 3.73 0.00	125.90 3.90 0.00	141.80 4.26 0.00	145.76 4.25 0.00	154.32 4.64 0.00	137.29 4.26 0.00	134.38 4.04 0.00	141.40 4.25 0.00	113.06 3.51 0.00	103.46 3.11 0.00	90.52 2.72 0.00	90.16 2.63 0.00	89.89 2.62 0.00	90.06 2.62 0.00	90.33 2.72 0.00	90.53 2.72 0.00	90.98 2.82 0.00	90.99 2.74 0.00	84.10 2.29 0.00	78.76 2.07 0.00	75.01 1.90 0.00	74.17 1.88 0.00	73.96 1.80 0.00
INDECK___OLEAN 23982	101.77 -5.65 -10.08	113.65 -7.94 -4.88	116.37 -8.78 -3.16	128.60 -8.94 0.00	132.60 -8.91 0.00	139.65 -10.03 0.00	127.65 -11.31 -5.93	120.48 -12.38 -2.53	130.23 -10.84 -3.92	104.02 -9.42 -3.89	93.16 -8.83 -1.64	82.77 -9.22 -4.19	80.76 -9.45 -2.69	78.87 -9.34 -0.93	80.62 -9.18 -2.37	83.02 -8.41 -3.82	90.96 -2.90 -6.05	90.16 -8.38 -10.37	91.03 -5.83 -8.60	84.29 -4.34 -6.82	80.17 -7.90 -11.38	71.51 -7.82 -6.22	73.76 -7.23 -8.69	75.06 -6.49 -9.40
INDECK___OSWEGO 23783	98.57 -2.92 -4.14	114.75 -3.97 -2.00	119.02 -4.27 -1.30	132.31 -5.23 0.00	136.14 -5.38 0.00	143.99 -5.69 0.00	130.68 -4.78 -2.43	129.24 -5.09 -3.99	132.77 -5.49 -1.11	108.57 -4.05 -3.07	98.20 -3.92 -1.77	86.27 -3.25 -1.72	85.56 -3.42 -1.44	85.27 -3.41 -1.41	85.85 -3.41 -1.82	85.75 -3.33 -1.47	85.89 -3.25 -1.33	85.60 -2.91 -0.35	86.58 -2.83 -1.15	79.93 -3.03 -1.15	76.47 -2.61 -2.39	72.05 -2.05 -0.99	71.56 -2.02 -1.29	74.00 -2.02 -3.86
INDECK___YERKES 23781	99.86 -5.84 -8.35	112.12 -8.64 -4.05	115.22 -9.39 -2.62	124.89 -12.65 0.00	128.78 -12.74 0.00	135.76 -13.92 0.00	124.92 -13.03 -4.91	117.33 -16.04 -3.03	122.64 -17.96 -3.45	91.61 -12.16 5.78	87.57 -11.94 0.84	81.62 -9.66 -3.48	80.06 -9.80 -2.33	78.59 -9.77 -1.09	79.78 -9.88 -2.23	79.83 -9.73 -1.94	76.13 -9.04 2.63	87.79 -8.82 -8.45	84.02 -7.77 -3.53	79.62 -8.01 -5.82	78.05 -7.98 -9.34	70.58 -7.82 -5.29	72.47 -6.94 -7.12	73.89 -6.06 -7.80
INDIAN POINT_GT_1 24139	157.68 7.01 -53.32	150.59 8.05 -25.82	147.00 8.30 -16.71	146.34 8.80 0.00	150.43 8.92 0.00	158.96 9.28 0.00	173.32 8.91 -31.37	190.47 8.73 -51.40	177.40 10.01 -30.24	157.40 8.33 -39.52	130.05 6.92 -22.77	116.13 6.15 -22.18	112.06 5.95 -18.57	111.33 5.93 -18.12	116.82 5.86 -23.52	124.73 5.96 -31.16	138.53 6.15 -44.58	154.05 6.35 -59.54	152.27 6.35 -57.66	140.27 5.64 -52.82	140.17 5.29 -58.19	122.59 4.97 -44.51	121.06 4.77 -44.00	126.24 4.33 -49.76
INDIAN POINT_GT_2 23659	157.68 7.01 -53.32	150.59 8.05 -25.82	147.00 8.30 -16.71	146.34 8.80 0.00	150.43 8.92 0.00	158.96 9.28 0.00	173.32 8.91 -31.37	190.47 8.73 -51.40	177.40 10.01 -30.24	157.40 8.33 -39.52	130.05 6.92 -22.77	116.13 6.15 -22.18	112.06 5.95 -18.57	111.33 5.93 -18.12	116.82 5.86 -23.52	124.73 5.96 -31.16	138.53 6.15 -44.58	154.05 6.35 -59.54	152.27 6.35 -57.66	140.27 5.64 -52.82	140.17 5.29 -58.19	122.59 4.97 -44.51	121.06 4.77 -44.00	126.24 4.33 -49.76
INDIAN POINT_GT_3 24019	157.68 7.01 -53.32	150.59 8.05 -25.82	147.00 8.30 -16.71	146.34 8.80 0.00	150.43 8.92 0.00	158.96 9.28 0.00	173.32 8.91 -31.37	190.47 8.73 -51.40	177.40 10.01 -30.24	157.40 8.33 -39.52	130.05 6.92 -22.77	116.13 6.15 -22.18	112.06 5.95 -18.57	111.33 5.93 -18.12	116.82 5.86 -23.52	124.73 5.96 -31.16	138.53 6.15 -44.58	154.05 6.35 -59.54	152.27 6.35 -57.66	140.27 5.64 -52.82	140.17 5.29 -58.19	122.59 4.97 -44.51	121.06 4.77 -44.00	126.24 4.33 -49.76
INDIAN POINT___2 23530	156.57 6.62 -52.60	149.89 7.70 -25.47	146.29 7.81 -16.49	145.93 8.39 0.00	150.00 8.49 0.00	158.51 8.83 0.00	172.37 8.39 -30.95	189.40 8.35 -50.71	176.42 9.46 -29.82	156.54 7.99 -38.99	129.54 6.72 -22.47	115.57 5.88 -21.89	111.63 5.78 -18.32	110.82 5.67 -17.88	116.32 5.68 -23.21	124.04 5.69 -30.73	137.65 5.88 -43.96	152.93 6.08 -58.69	151.27 6.18 -56.84	139.36 5.48 -52.07	139.14 5.06 -57.39	121.74 4.75 -43.88	120.31 4.63 -43.39	125.43 4.18 -49.09
INDIAN POINT___3 23531	157.52 6.81 -53.36	150.37 7.82 -25.84	146.77 8.05 -16.72	146.06 8.53 0.00	150.29 8.77 0.00	158.81 9.13 0.00	173.07 8.65 -31.39	190.38 8.60 -51.44	177.14 9.74 -30.26	157.21 8.11 -39.54	129.86 6.72 -22.79	115.97 5.97 -22.20	111.89 5.78 -18.59	111.17 5.76 -18.13	116.66 5.68 -23.54	124.58 5.78 -31.18	138.39 5.97 -44.61	153.92 6.17 -59.59	152.14 6.18 -57.70	140.07 5.40 -52.86	139.98 5.06 -58.23	122.40 4.75 -44.54	120.95 4.63 -44.03	126.20 4.26 -49.79
INGHAM_C_115KV_TB7 356103	103.19 5.84 0.00	123.48 6.77 0.00	129.07 7.08 0.00	145.24 7.70 0.00	149.44 7.92 0.00	158.21 8.53 0.00	140.75 7.72 0.00	137.63 7.30 0.00	144.97 7.82 0.00	115.91 6.35 0.00	106.07 5.72 0.00	92.80 5.00 0.00	92.34 4.81 0.00	92.07 4.80 0.00	92.24 4.81 0.00	92.52 4.91 0.00	92.81 5.01 0.00	93.10 4.94 0.00	93.02 4.77 0.00	85.82 4.01 0.00	80.37 3.68 0.00	76.47 3.36 0.00	75.55 3.25 0.00	75.40 3.25 0.00
IP CORINTH___1 23988	174.34 8.86 -68.14	159.98 10.27 -33.00	154.57 11.22 -21.35	149.92 12.38 0.00	154.25 12.74 0.00	163.45 13.77 0.00	185.76 12.64 -40.09	208.40 12.38 -65.68	238.57 13.17 -88.25	170.35 10.30 -50.50	138.28 8.83 -29.10	123.52 7.38 -28.35	118.62 7.35 -23.73	117.50 7.07 -23.15	124.75 7.26 -30.06	173.40 7.62 -78.16	238.61 8.25 -142.55	397.90 8.29 -301.45	357.42 8.21 -260.96	328.80 7.36 -239.63	243.54 6.90 -159.95	264.81 6.73 -184.97	220.68 6.58 -141.81	142.16 6.42 -63.58

IP___TICONDEROGA 23804	178.50 13.14 -68.01	164.82 15.17 -32.93	159.77 16.47 -21.31	155.69 18.15 0.00	160.19 18.68 0.00	169.89 20.21 0.00	191.81 18.76 -40.01	214.41 18.51 -65.56	244.10 19.61 -87.34	175.08 15.12 -50.40	142.24 12.84 -29.04	126.81 10.71 -28.30	121.90 10.68 -23.69	120.77 10.39 -23.11	128.10 10.67 -30.00	176.36 11.30 -77.44	241.19 12.38 -141.00	398.00 12.34 -297.49	358.09 12.18 -257.65	329.44 11.04 -236.59	245.41 10.35 -158.37	265.68 9.87 -182.70	222.10 9.54 -140.27	144.93 9.31 -63.47
ISLIP_RES_REC 323679	163.27 12.07 -53.86	156.79 14.00 -26.08	153.38 14.51 -16.88	153.35 15.81 0.00	157.36 15.85 0.00	165.54 15.86 0.00	181.75 17.03 -31.69	199.19 16.94 -51.92	185.79 18.10 -30.54	161.63 12.16 -39.92	141.22 12.64 -28.22	125.61 10.71 -27.10	117.24 10.15 -19.56	118.73 10.03 -21.42	126.14 9.45 -29.25	143.26 9.81 -45.83	158.57 11.68 -59.08	190.87 12.43 -90.28	178.99 12.98 -77.75	163.41 11.04 -70.57	154.67 9.74 -68.25	149.66 8.77 -67.78	144.76 9.11 -63.36	138.77 9.09 -57.52
JAMAICA__27_KV_LOAD 355505	160.37 9.15 -53.87	152.96 10.15 -26.09	149.25 10.37 -16.88	148.54 11.00 0.00	152.83 11.32 0.00	161.50 11.82 0.00	176.30 11.57 -31.70	194.00 11.73 -51.94	181.14 13.44 -30.55	160.88 11.39 -39.93	132.39 9.03 -23.01	118.20 7.99 -22.41	114.09 7.79 -18.77	113.26 7.68 -18.31	118.81 7.61 -23.77	126.72 7.62 -31.48	140.84 7.99 -45.04	156.04 7.05 -60.82	154.12 6.97 -58.89	142.62 7.44 -53.37	142.38 6.90 -58.80	124.44 6.36 -44.97	122.68 5.93 -44.46	127.84 5.41 -50.27
JANIS___SOLAR 323808	118.12 6.24 -14.54	130.28 6.53 -7.04	133.01 6.46 -4.56	144.27 6.74 0.00	148.45 6.93 0.00	157.46 7.78 0.00	149.17 7.58 -8.55	165.30 6.90 -28.06	157.74 6.85 -13.74	129.57 5.48 -14.54	115.02 4.12 -10.56	97.18 3.34 -6.05	97.08 2.88 -6.67	99.96 2.88 -9.81	100.97 3.06 -10.47	104.86 3.68 -13.57	110.16 4.83 -17.52	116.07 5.11 -22.80	115.95 5.38 -22.31	109.58 4.25 -23.52	98.91 3.68 -18.54	95.54 3.14 -19.29	89.86 2.89 -14.67	88.61 2.89 -13.57
JARVIS____ 23743	98.52 1.17 0.00	118.00 1.29 0.00	123.34 1.34 0.00	138.91 1.38 0.00	142.93 1.41 0.00	151.18 1.50 0.00	134.50 1.47 0.00	131.51 1.17 0.00	138.38 1.23 0.00	110.65 1.10 0.00	101.35 1.00 0.00	88.68 0.88 0.00	88.32 0.79 0.00	88.06 0.78 0.00	88.22 0.79 0.00	88.49 0.88 0.00	88.69 0.88 0.00	89.04 0.88 0.00	89.23 0.97 0.00	82.54 0.73 0.00	77.38 0.69 0.00	73.77 0.66 0.00	72.94 0.65 0.00	72.73 0.57 0.00
JENNISON___1 23625	123.20 7.11 -18.74	133.61 7.82 -9.08	135.80 7.93 -5.87	145.79 8.25 0.00	149.86 8.35 0.00	159.11 9.43 0.00	152.84 8.78 -11.03	159.69 8.34 -21.01	160.61 8.78 -14.68	130.68 7.12 -14.01	114.71 5.62 -8.74	100.07 4.48 -7.80	98.51 4.11 -6.87	98.77 4.10 -7.39	100.66 4.11 -9.12	106.50 4.73 -14.15	114.93 5.88 -21.24	128.61 6.00 -34.45	125.84 6.27 -31.32	116.04 4.58 -29.65	106.93 4.22 -26.02	100.92 3.73 -24.08	96.72 3.40 -21.03	92.96 3.32 -17.49
JENNISON___2 23626	123.20 7.11 -18.74	133.61 7.82 -9.08	135.80 7.93 -5.87	145.79 8.25 0.00	149.86 8.35 0.00	159.11 9.43 0.00	152.84 8.78 -11.03	159.69 8.34 -21.01	160.61 8.78 -14.68	130.68 7.12 -14.01	114.71 5.62 -8.74	100.07 4.48 -7.80	98.51 4.11 -6.87	98.77 4.10 -7.39	100.66 4.11 -9.12	106.50 4.73 -14.15	114.93 5.88 -21.24	128.61 6.00 -34.45	125.84 6.27 -31.32	116.04 4.58 -29.65	106.93 4.22 -26.02	100.92 3.73 -24.08	96.72 3.40 -21.03	92.96 3.32 -17.49
JERICHO_RISE_WT_PWR 323719	95.30 -2.05 0.00	114.84 -1.87 0.00	120.28 -1.71 0.00	136.03 -1.51 0.00	140.24 -1.28 0.00	148.18 -1.50 0.00	130.64 -2.39 0.00	129.16 -1.18 0.00	135.64 -1.51 0.00	107.59 -1.97 0.00	99.15 -1.20 0.00	86.48 -1.31 0.00	86.48 -1.05 0.00	86.05 -1.22 0.00	86.30 -1.14 0.00	86.30 -1.31 0.00	86.40 -1.41 0.00	86.05 -2.12 0.00	85.70 -2.56 0.00	79.60 -2.20 0.00	74.39 -2.30 0.00	71.06 -2.05 0.00	70.05 -2.24 0.00	70.42 -1.73 0.00
KATONAH___115KV_46KV_TB4 355592	159.69 7.79 -54.55	152.35 9.22 -26.42	148.48 9.39 -17.10	147.71 10.18 0.00	151.98 10.47 0.00	160.46 10.78 0.00	175.64 10.51 -32.09	193.22 10.30 -52.59	179.77 11.66 -30.96	159.74 9.75 -40.43	131.88 8.23 -23.30	117.69 7.20 -22.70	113.62 7.09 -19.00	112.79 6.98 -18.54	118.49 6.99 -24.06	126.61 7.10 -31.90	140.75 7.29 -45.65	156.79 7.58 -61.05	154.77 7.41 -59.10	142.58 6.63 -54.14	142.48 6.21 -59.58	124.64 5.92 -45.61	123.14 5.78 -45.06	128.26 5.20 -50.91
KCE_NY_1 323755	172.86 7.60 -67.91	158.47 8.87 -32.89	152.67 9.39 -21.28	147.98 10.45 0.00	151.98 10.47 0.00	161.05 11.37 0.00	183.37 10.38 -39.96	205.70 9.90 -65.47	234.33 10.56 -86.62	168.11 8.22 -50.33	136.58 7.23 -29.00	122.29 6.23 -28.25	117.31 6.13 -23.66	116.46 6.11 -23.08	123.60 6.21 -29.96	170.97 6.48 -76.87	234.52 6.94 -139.77	389.40 6.88 -294.35	350.17 6.89 -255.02	322.28 6.30 -234.17	239.63 5.83 -157.11	259.56 5.55 -180.90	216.82 5.49 -139.04	140.87 5.34 -63.37
KCE_NY_6_ESR 323823	101.07 -5.16 -8.89	113.31 -7.71 -4.30	116.23 -8.54 -2.79	126.67 -10.87 0.00	130.62 -10.89 0.00	137.56 -12.12 0.00	126.55 -11.71 -5.23	118.92 -14.34 -2.92	125.40 -15.36 -3.61	89.78 -11.40 8.38	87.66 -11.14 1.55	82.10 -9.39 -3.70	80.35 -9.63 -2.45	78.73 -9.60 -1.06	80.10 -9.62 -2.29	79.93 -9.37 -1.69	75.38 -7.82 4.61	88.65 -8.55 -9.04	83.69 -7.59 -3.02	80.51 -7.44 -6.15	78.76 -7.90 -9.97	70.95 -7.75 -5.59	72.96 -6.94 -7.61	74.24 -6.21 -8.29
KEDC_PORT_JEFF_GT2 24210	162.69 11.48 -53.86	156.09 13.30 -26.08	152.77 13.90 -16.88	152.67 15.13 0.00	156.51 14.99 0.00	164.79 15.11 0.00	180.95 16.22 -31.69	198.28 16.03 -51.92	184.97 17.28 -30.54	161.08 11.61 -39.92	140.71 12.14 -28.22	125.17 10.27 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	125.78 9.09 -29.25	142.91 9.47 -45.83	158.13 11.24 -59.08	190.07 11.64 -90.27	178.18 12.18 -77.74	162.93 10.56 -70.57	154.36 9.43 -68.25	149.29 8.40 -67.78	144.40 8.74 -63.36	138.48 8.80 -57.52
KEDC_PORT_JEFF_GT3 24211	162.69 11.48 -53.86	156.09 13.30 -26.08	152.77 13.90 -16.88	152.67 15.13 0.00	156.51 14.99 0.00	164.79 15.11 0.00	180.95 16.22 -31.69	198.28 16.03 -51.92	184.97 17.28 -30.54	161.08 11.61 -39.92	140.71 12.14 -28.22	125.17 10.27 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	125.78 9.09 -29.25	142.91 9.47 -45.83	158.13 11.24 -59.08	190.07 11.64 -90.27	178.18 12.18 -77.74	162.93 10.56 -70.57	154.36 9.43 -68.25	149.29 8.40 -67.78	144.40 8.74 -63.36	138.48 8.80 -57.52
KEDC_GLWD_GT4 24219	159.38 8.18 -53.86	152.48 9.68 -26.08	148.99 10.12 -16.88	148.54 11.01 0.00	152.41 10.90 0.00	160.31 10.63 0.00	174.97 10.24 -31.69	192.69 10.43 -51.92	179.34 11.65 -30.54	159.34 9.86 -39.92	137.61 9.04 -28.22	122.81 7.91 -27.10	114.88 7.79 -19.56	116.38 7.68 -21.42	124.29 7.60 -29.25	141.07 7.62 -45.83	154.88 7.99 -59.08	187.56 8.20 -91.19	175.18 8.29 -78.63	159.82 7.44 -70.57	151.84 6.90 -68.25	147.32 6.44 -67.78	141.87 6.22 -63.36	135.38 5.70 -57.52
KEDC_GLWD_GT5 24220	159.38 8.18 -53.86	152.48 9.68 -26.08	148.99 10.12 -16.88	148.54 11.01 0.00	152.41 10.90 0.00	160.31 10.63 0.00	174.97 10.24 -31.69	192.69 10.43 -51.92	179.34 11.65 -30.54	159.34 9.86 -39.92	137.61 9.04 -28.22	122.81 7.91 -27.10	114.88 7.79 -19.56	116.38 7.68 -21.42	124.29 7.60 -29.25	141.07 7.62 -45.83	154.88 7.99 -59.08	187.56 8.20 -91.19	175.18 8.29 -78.63	159.82 7.44 -70.57	151.84 6.90 -68.25	147.32 6.44 -67.78	141.87 6.22 -63.36	135.38 5.70 -57.52

KENSICO____ 23655	158.51 7.40 -53.76	151.27 8.52 -26.03	147.50 8.66 -16.85	146.75 9.21 0.00	150.99 9.48 0.00	159.56 9.88 0.00	174.11 9.45 -31.63	191.42 9.25 -51.83	178.19 10.56 -30.49	158.16 8.76 -39.84	130.64 7.33 -22.96	116.57 6.41 -22.37	112.56 6.30 -18.73	111.74 6.20 -18.27	117.27 6.12 -23.72	125.25 6.22 -31.42	139.17 6.41 -44.95	154.82 6.61 -60.04	153.02 6.62 -58.14	140.96 5.89 -53.26	140.88 5.52 -58.67	123.10 5.12 -44.88	121.65 4.99 -44.37	126.87 4.55 -50.17
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	156.90 7.89 -51.67	150.95 9.22 -25.02	147.58 9.39 -16.19	147.85 10.32 0.00	151.98 10.47 0.00	160.76 11.08 0.00	173.54 10.11 -30.40	190.31 10.17 -49.81	179.02 11.25 -30.63	157.05 9.20 -38.29	130.04 7.63 -22.07	115.62 6.32 -21.50	111.66 6.13 -18.00	110.77 5.93 -17.56	116.26 6.03 -22.79	125.23 6.40 -31.22	140.23 6.94 -45.48	159.37 7.49 -63.71	156.63 7.50 -60.87	144.13 6.54 -55.78	141.42 6.06 -58.68	125.43 5.78 -46.55	122.64 5.42 -44.93	125.28 4.91 -48.22
KIAC_JFK_GT1 23816	159.30 8.08 -53.87	151.79 8.99 -26.09	148.03 9.15 -16.88	147.16 9.63 0.00	151.42 9.91 0.00	160.01 10.33 0.00	174.97 10.24 -31.70	192.57 10.30 -51.94	179.77 12.07 -30.55	159.67 10.19 -39.93	131.39 8.03 -23.01	117.24 7.02 -22.41	113.21 6.91 -18.77	112.30 6.72 -18.31	117.93 6.73 -23.77	125.85 6.75 -31.48	139.87 7.02 -45.04	155.07 6.08 -60.82	153.15 6.00 -58.89	141.72 6.54 -53.37	141.62 6.13 -58.80	123.71 5.63 -44.97	121.95 5.21 -44.46	127.12 4.69 -50.27
KIAC_JFK_GT2 23817	159.30 8.08 -53.87	151.79 8.99 -26.09	148.03 9.15 -16.88	147.16 9.63 0.00	151.42 9.91 0.00	160.01 10.33 0.00	174.97 10.24 -31.70	192.57 10.30 -51.94	179.77 12.07 -30.55	159.67 10.19 -39.93	131.39 8.03 -23.01	117.24 7.02 -22.41	113.21 6.91 -18.77	112.30 6.72 -18.31	117.93 6.73 -23.77	125.85 6.75 -31.48	139.87 7.02 -45.04	155.07 6.08 -60.82	153.15 6.00 -58.89	141.72 6.54 -53.37	141.62 6.13 -58.80	123.71 5.63 -44.97	121.95 5.21 -44.46	127.12 4.69 -50.27
KIAC_JFK____ 323774	159.10 7.88 -53.87	151.67 8.87 -26.09	147.78 8.90 -16.88	147.02 9.48 0.00	151.27 9.76 0.00	159.71 10.03 0.00	174.71 9.98 -31.70	192.44 10.17 -51.94	179.49 11.80 -30.55	159.56 10.07 -39.93	131.39 8.03 -23.01	117.24 7.03 -22.41	113.21 6.91 -18.77	112.39 6.81 -18.31	117.93 6.73 -23.77	125.75 6.66 -31.48	139.87 7.03 -45.04	155.24 6.26 -60.82	153.85 6.70 -58.89	141.80 6.62 -53.37	141.62 6.14 -58.80	123.71 5.63 -44.97	121.96 5.21 -44.46	127.12 4.69 -50.27
KINTIGH____ 23543	99.94 -4.77 -7.36	113.28 -7.00 -3.57	116.74 -7.56 -2.31	126.81 -10.73 0.00	130.62 -10.90 0.00	137.56 -12.12 0.00	126.86 -10.51 -4.33	120.32 -13.16 -3.15	123.56 -16.73 -3.15	96.92 -10.63 2.01	89.82 -10.74 -0.21	83.14 -7.73 -3.06	81.59 -8.05 -2.11	80.47 -7.94 -1.13	81.67 -7.87 -2.11	82.39 -7.54 -2.30	78.77 -9.22 -0.18	88.98 -6.52 -7.34	83.53 -9.00 -4.27	79.16 -7.85 -5.21	78.42 -6.44 -8.17	71.62 -6.21 -4.72	72.94 -5.57 -6.21	74.12 -4.91 -6.87
KNTFSRNC_46_KV_46KV_LOAD 80397	97.25 -0.10 0.00	117.06 0.35 0.00	122.48 0.49 0.00	138.36 0.83 0.00	142.64 1.13 0.00	150.73 1.05 0.00	132.50 -0.53 0.00	130.86 0.52 0.00	137.42 0.27 0.00	109.12 -0.44 0.00	100.55 0.20 0.00	87.62 -0.18 0.00	87.79 0.26 0.00	87.36 0.09 0.00	87.52 0.09 0.00	87.44 -0.18 0.00	87.81 0.00 0.00	87.37 -0.79 0.00	87.38 -0.88 0.00	81.23 -0.57 0.00	75.61 -1.07 0.00	72.23 -0.88 0.00	71.14 -1.16 0.00	71.72 -0.43 0.00
LACHUTE__HYDRO 323717	178.59 13.24 -68.01	165.05 15.40 -32.93	159.77 16.46 -21.31	155.83 18.29 0.00	160.19 18.68 0.00	170.03 20.35 0.00	191.93 18.88 -40.01	214.40 18.50 -65.56	244.25 19.75 -87.34	175.09 15.12 -50.40	142.24 12.85 -29.04	126.89 10.80 -28.30	121.90 10.67 -23.69	120.77 10.38 -23.11	128.10 10.66 -30.00	176.28 11.22 -77.44	241.19 12.38 -141.00	397.91 12.25 -297.49	358.09 12.18 -257.65	329.69 11.29 -236.59	245.40 10.35 -158.37	265.67 9.87 -182.70	222.10 9.54 -140.27	144.93 9.31 -63.47
LAWRNCV_115KV_TB1 80681	95.59 -1.75 0.00	115.20 -1.52 0.00	120.53 -1.46 0.00	136.30 -1.24 0.00	140.52 -0.99 0.00	148.18 -1.50 0.00	130.37 -2.66 0.00	128.77 -1.56 0.00	135.23 -1.92 0.00	107.15 -2.41 0.00	99.05 -1.30 0.00	86.22 -1.58 0.00	86.30 -1.23 0.00	85.97 -1.31 0.00	86.21 -1.22 0.00	86.13 -1.49 0.00	86.49 -1.32 0.00	85.87 -2.29 0.00	86.14 -2.12 0.00	80.33 -1.47 0.00	75.00 -1.69 0.00	72.01 -1.10 0.00	71.06 -1.23 0.00	71.43 -0.72 0.00
LEDERLE____ 23769	156.22 7.01 -51.87	149.88 8.05 -25.12	146.42 8.17 -16.25	146.34 8.80 0.00	150.43 8.92 0.00	158.96 9.28 0.00	172.46 8.91 -30.52	189.07 8.73 -50.00	176.56 10.01 -29.40	156.32 8.33 -38.44	129.43 6.92 -22.15	115.44 6.06 -21.58	111.55 5.95 -18.07	110.75 5.85 -17.62	116.09 5.77 -22.88	123.78 5.87 -30.30	137.20 6.06 -43.34	152.35 6.35 -57.84	150.63 6.35 -56.02	138.77 5.64 -51.32	138.48 5.21 -56.58	121.26 4.90 -43.25	119.84 4.77 -42.77	124.88 4.33 -48.40
LIGHTHSE_115KV_TB6 355974	100.86 -0.29 -3.80	117.74 -0.82 -1.84	122.21 -0.98 -1.19	136.02 -1.51 0.00	139.67 -1.84 0.00	147.88 -1.80 0.00	133.94 -1.33 -2.24	132.44 -1.56 -3.67	136.11 -2.06 -1.02	111.06 -1.31 -2.82	100.37 -1.61 -1.62	87.98 -1.40 -1.58	87.19 -1.66 -1.33	87.00 -1.57 -1.29	87.54 -1.57 -1.68	87.74 -1.23 -1.35	88.07 -0.97 -1.23	88.13 -0.35 -0.32	88.69 -0.62 -1.05	82.04 -0.82 -1.06	78.12 -0.77 -2.20	73.29 -0.73 -0.91	72.61 -0.87 -1.18	74.77 -0.94 -3.55
LINDEN COGEN____ 23786	36.84 7.39 67.90	54.20 8.41 70.92	52.59 8.66 78.06	52.71 9.22 94.04	53.93 9.34 96.92	58.07 9.44 101.05	45.65 9.17 96.56	56.95 9.25 82.64	29.65 10.56 118.06	26.27 9.09 92.38	22.06 7.13 85.42	29.44 6.23 64.59	27.61 6.13 66.05	26.73 6.02 66.56	26.56 6.03 66.90	18.76 5.87 74.73	14.71 6.14 79.24	17.86 6.35 76.65	15.74 6.44 78.96	14.25 5.81 73.37	13.97 5.29 68.00	24.30 4.97 53.78	33.14 4.70 43.85	30.68 4.26 45.73
LINDHRST_69_KV_BK1 356055	161.62 10.42 -53.86	154.82 12.02 -26.08	151.07 12.20 -16.88	150.60 13.07 0.00	154.53 13.02 0.00	162.85 13.17 0.00	178.02 13.30 -31.69	195.55 13.29 -51.92	182.36 14.67 -30.54	160.65 11.17 -39.92	138.81 10.24 -28.22	123.95 9.04 -27.10	115.84 8.75 -19.56	117.42 8.73 -21.42	125.43 8.74 -29.25	142.21 8.76 -45.83	156.11 9.22 -59.08	188.20 9.61 -90.42	175.77 9.62 -77.89	160.88 8.51 -70.57	152.83 7.90 -68.25	148.35 7.46 -67.78	142.88 7.23 -63.36	136.53 6.85 -57.52
LIPA_MISC_IPP 23656	163.86 12.66 -53.86	157.03 14.24 -26.08	153.14 14.27 -16.88	152.80 15.27 0.00	156.80 15.28 0.00	165.85 16.17 0.00	182.15 17.43 -31.69	199.85 17.60 -51.92	186.75 19.06 -30.54	160.98 11.50 -39.92	140.21 11.64 -28.22	124.65 9.75 -27.10	116.28 9.19 -19.56	117.68 8.99 -21.42	126.04 9.36 -29.25	142.12 8.67 -45.83	157.34 10.45 -59.08	189.80 11.37 -90.27	177.30 11.30 -77.74	162.19 9.82 -70.57	153.68 8.74 -68.25	149.66 8.77 -67.78	144.04 8.39 -63.36	138.19 8.51 -57.52
LISF__SOLAR 323691	162.59 11.38 -53.86	155.98 13.18 -26.08	152.53 13.66 -16.88	152.53 14.99 0.00	156.37 14.85 0.00	164.65 14.97 0.00	181.21 16.49 -31.69	198.55 16.29 -51.92	185.11 17.42 -30.54	160.43 10.95 -39.92	140.41 11.84 -28.22	124.82 9.92 -27.10	116.46 9.37 -19.56	117.86 9.16 -21.42	125.17 8.48 -29.25	142.21 8.76 -45.83	157.69 10.80 -59.08	190.16 11.73 -90.27	178.26 12.26 -77.74	162.52 10.14 -70.57	153.90 8.97 -68.25	148.86 7.97 -67.78	144.18 8.53 -63.36	138.40 8.73 -57.52

LITTLE FALLS___HYD 24013	103.19 5.84 0.00	123.48 6.77 0.00	129.07 7.08 0.00	145.24 7.70 0.00	149.44 7.92 0.00	158.21 8.53 0.00	140.75 7.72 0.00	137.63 7.30 0.00	144.97 7.82 0.00	115.91 6.35 0.00	106.07 5.72 0.00	92.80 5.00 0.00	92.34 4.81 0.00	92.07 4.80 0.00	92.24 4.81 0.00	92.52 4.91 0.00	92.81 5.01 0.00	93.10 4.94 0.00	93.02 4.77 0.00	85.82 4.01 0.00	80.37 3.68 0.00	76.47 3.36 0.00	75.55 3.25 0.00	75.40 3.25 0.00
LITTLRIV_115KV_TB1 356100	96.67 -0.68 0.00	116.60 -0.12 0.00	121.87 -0.12 0.00	137.95 0.41 0.00	142.08 0.57 0.00	149.98 0.30 0.00	131.97 -1.06 0.00	130.47 0.13 0.00	136.87 -0.27 0.00	108.35 -1.21 0.00	100.05 -0.30 0.00	87.01 -0.79 0.00	87.01 -0.53 0.00	86.75 -0.52 0.00	87.00 -0.44 0.00	87.09 -0.53 0.00	87.63 -0.18 0.00	87.02 -1.15 0.00	87.38 -0.88 0.00	81.32 -0.49 0.00	75.92 -0.77 0.00	72.89 -0.22 0.00	71.86 -0.43 0.00	72.23 0.07 0.00
LI_NEWBRDGE___DRP 323616	159.67 8.47 -53.86	152.48 9.69 -26.08	148.75 9.88 -16.88	147.99 10.45 0.00	151.98 10.47 0.00	160.31 10.63 0.00	175.36 10.64 -31.69	192.81 10.56 -51.92	179.62 11.93 -30.54	158.89 9.42 -39.92	136.90 8.33 -28.22	122.28 7.38 -27.10	114.35 7.27 -19.56	115.85 7.16 -21.42	123.77 7.08 -29.25	140.55 7.10 -45.83	154.27 7.38 -59.08	185.83 7.67 -90.00	173.33 7.59 -77.49	159.08 6.71 -70.57	151.22 6.29 -68.25	146.81 5.92 -67.78	141.44 5.78 -63.36	135.02 5.34 -57.52
LOCKPORT_115KV_TB60_63_64 80432	98.43 -6.91 -7.99	110.90 -9.69 -3.87	114.01 -10.49 -2.50	123.78 -13.75 0.00	127.50 -14.01 0.00	134.11 -15.57 0.00	123.24 -14.50 -4.70	117.01 -16.42 -3.10	120.19 -20.30 -3.34	92.59 -13.26 3.71	87.03 -13.05 0.28	80.59 -10.54 -3.33	79.02 -10.77 -2.25	77.81 -10.56 -1.10	79.12 -10.49 -2.18	80.36 -9.37 -2.12	76.24 -10.54 1.04	87.22 -8.99 -8.05	81.74 -10.41 -3.90	77.09 -10.31 -5.59	76.86 -8.74 -8.92	69.93 -8.26 -5.08	71.64 -7.45 -6.79	72.98 -6.64 -7.46
LOCKPORT___CC1 323769	98.30 -7.10 -8.06	110.58 -10.04 -3.90	113.66 -10.86 -2.53	123.23 -14.31 0.00	127.08 -14.44 0.00	133.97 -15.71 0.00	123.28 -14.50 -4.74	115.82 -17.33 -2.82	120.89 -19.62 -3.36	86.42 -13.70 9.44	85.12 -13.44 1.79	80.26 -10.89 -3.35	78.76 -11.03 -2.27	77.37 -11.00 -1.10	78.51 -11.11 -2.19	78.29 -10.95 -1.63	71.12 -10.98 5.71	86.23 -10.05 -8.12	81.71 -9.36 -2.81	78.20 -9.24 -5.63	76.94 -8.74 -8.99	69.67 -8.55 -5.12	71.48 -7.66 -6.85	72.82 -6.86 -7.52
LOCKPORT___CC2 323770	98.30 -7.10 -8.06	110.58 -10.04 -3.90	113.66 -10.86 -2.53	123.23 -14.31 0.00	127.08 -14.44 0.00	133.97 -15.71 0.00	123.28 -14.50 -4.74	115.82 -17.33 -2.82	120.89 -19.62 -3.36	86.42 -13.70 9.44	85.12 -13.44 1.79	80.26 -10.89 -3.35	78.76 -11.03 -2.27	77.37 -11.00 -1.10	78.51 -11.11 -2.19	78.29 -10.95 -1.63	71.12 -10.98 5.71	86.23 -10.05 -8.12	81.71 -9.36 -2.81	78.20 -9.24 -5.63	76.94 -8.74 -8.99	69.67 -8.55 -5.12	71.48 -7.66 -6.85	72.82 -6.86 -7.52
LOCKPORT___CC3 323771	98.30 -7.10 -8.06	110.58 -10.04 -3.90	113.66 -10.86 -2.53	123.23 -14.31 0.00	127.08 -14.44 0.00	133.97 -15.71 0.00	123.28 -14.50 -4.74	115.82 -17.33 -2.82	120.89 -19.62 -3.36	86.42 -13.70 9.44	85.12 -13.44 1.79	80.26 -10.89 -3.35	78.76 -11.03 -2.27	77.37 -11.00 -1.10	78.51 -11.11 -2.19	78.29 -10.95 -1.63	71.12 -10.98 5.71	86.23 -10.05 -8.12	81.71 -9.36 -2.81	78.20 -9.24 -5.63	76.94 -8.74 -8.99	69.67 -8.55 -5.12	71.48 -7.66 -6.85	72.82 -6.86 -7.52
LONG_LAKE_PHOENIX 24014	100.16 -1.46 -4.27	116.56 -2.22 -2.07	120.89 -2.44 -1.34	134.37 -3.16 0.00	138.26 -3.25 0.00	146.09 -3.59 0.00	132.75 -2.79 -2.51	131.19 -3.26 -4.12	134.73 -3.57 -1.15	110.31 -2.41 -3.17	99.77 -2.41 -1.82	87.73 -1.84 -1.78	86.92 -2.10 -1.49	86.63 -2.09 -1.45	87.22 -2.10 -1.88	87.20 -1.93 -1.51	87.25 -1.93 -1.38	87.11 -1.41 -0.36	87.68 -1.77 -1.18	81.19 -1.80 -1.18	77.54 -1.61 -2.47	72.59 -1.54 -1.02	72.18 -1.45 -1.33	74.70 -1.44 -3.99
LOVETT___3 23632	155.93 6.52 -52.06	149.27 7.35 -25.21	145.87 7.56 -16.31	145.65 8.11 0.00	149.72 8.21 0.00	158.21 8.53 0.00	171.91 8.25 -30.63	188.60 8.08 -50.18	175.84 9.19 -29.51	155.81 7.67 -38.58	129.01 6.42 -22.23	115.08 5.62 -21.66	111.18 5.51 -18.13	110.37 5.41 -17.69	115.73 5.33 -22.96	123.46 5.43 -30.41	136.93 5.62 -43.50	152.04 5.82 -58.06	150.32 5.82 -56.23	138.48 5.15 -51.51	138.31 4.83 -56.79	121.05 4.53 -43.41	119.56 4.34 -42.93	124.70 3.97 -48.58
LOVETT___4 23642	155.93 6.52 -52.06	149.27 7.35 -25.21	145.87 7.56 -16.31	145.65 8.11 0.00	149.72 8.21 0.00	158.21 8.53 0.00	171.91 8.25 -30.63	188.60 8.08 -50.18	175.84 9.19 -29.51	155.81 7.67 -38.58	129.01 6.42 -22.23	115.08 5.62 -21.66	111.18 5.51 -18.13	110.37 5.41 -17.69	115.73 5.33 -22.96	123.46 5.43 -30.41	136.93 5.62 -43.50	152.04 5.82 -58.06	150.32 5.82 -56.23	138.48 5.15 -51.51	138.31 4.83 -56.79	121.05 4.53 -43.41	119.56 4.34 -42.93	124.70 3.97 -48.58
LOVETT___5 23593	155.93 6.52 -52.06	149.27 7.35 -25.21	145.87 7.56 -16.31	145.65 8.11 0.00	149.72 8.21 0.00	158.21 8.53 0.00	171.91 8.25 -30.63	188.60 8.08 -50.18	175.84 9.19 -29.51	155.81 7.67 -38.58	129.01 6.42 -22.23	115.08 5.62 -21.66	111.18 5.51 -18.13	110.37 5.41 -17.69	115.73 5.33 -22.96	123.46 5.43 -30.41	136.93 5.62 -43.50	152.04 5.82 -58.06	150.32 5.82 -56.23	138.48 5.15 -51.51	138.31 4.83 -56.79	121.05 4.53 -43.41	119.56 4.34 -42.93	124.70 3.97 -48.58
LOWER RAQUET___HYD 24057	95.69 -1.66 0.00	115.43 -1.28 0.00	120.65 -1.34 0.00	136.43 -1.11 0.00	140.67 -0.84 0.00	148.18 -1.50 0.00	130.23 -2.80 0.00	128.78 -1.56 0.00	135.09 -2.05 0.00	107.04 -2.52 0.00	98.95 -1.41 0.00	86.31 -1.49 0.00	86.22 -1.31 0.00	85.97 -1.31 0.00	86.21 -1.22 0.00	86.30 -1.31 0.00	86.49 -1.31 0.00	85.96 -2.20 0.00	85.79 -2.47 0.00	79.93 -1.88 0.00	74.93 -1.76 0.00	72.01 -1.09 0.00	71.06 -1.23 0.00	71.43 -0.72 0.00
LOWER___HUDSON 24059	169.88 5.84 -66.69	155.89 6.88 -32.30	150.09 7.20 -20.90	145.51 7.97 0.00	149.72 8.20 0.00	158.51 8.83 0.00	180.12 7.85 -39.24	201.92 7.29 -64.29	221.60 7.81 -76.64	165.23 6.24 -49.43	134.75 5.92 -28.48	120.81 5.27 -27.75	115.93 5.16 -23.23	115.09 5.15 -22.66	122.01 5.16 -29.42	161.85 5.26 -68.97	215.88 5.36 -122.72	344.22 5.38 -250.68	312.17 5.38 -218.53	287.34 4.91 -200.62	220.96 4.52 -139.75	233.32 4.39 -155.83	198.70 4.41 -121.99	138.72 4.33 -62.24
LOWVILLE_115KV_TB2 356335	102.12 2.92 -1.85	120.88 3.27 -0.90	125.87 3.29 -0.58	140.98 3.44 0.00	144.91 3.40 0.00	153.87 4.19 0.00	137.18 3.06 -1.09	135.25 3.13 -1.78	140.39 2.74 -0.50	113.01 2.08 -1.37	102.65 1.51 -0.79	89.45 0.88 -0.77	88.26 0.09 -0.64	88.08 0.17 -0.63	88.51 0.26 -0.82	88.89 0.61 -0.66	89.63 1.23 -0.60	89.90 1.59 -0.16	90.27 1.50 -0.51	83.38 1.06 -0.51	78.60 0.84 -1.07	74.28 0.73 -0.44	73.23 0.36 -0.58	74.17 0.29 -1.73
LUTHERFT_115KV_GLOB_FND_222 355753	172.66 7.40 -67.91	158.24 8.64 -32.89	152.55 9.27 -21.28	147.71 10.18 0.00	151.98 10.47 0.00	160.91 11.23 0.00	183.23 10.24 -39.96	205.58 9.78 -65.47	234.20 10.42 -86.62	168.00 8.11 -50.33	136.48 7.12 -29.00	122.20 6.15 -28.25	117.31 6.13 -23.66	116.37 6.02 -23.08	123.51 6.12 -29.96	170.88 6.40 -76.87	234.43 6.85 -139.77	389.31 6.79 -294.35	350.08 6.80 -255.02	322.12 6.14 -234.17	239.55 5.75 -157.11	259.49 5.48 -180.90	216.82 5.49 -139.04	140.87 5.34 -63.37

LUTHERNY_35_KV_BK2 355980	172.75 7.50 -67.91	158.35 8.75 -32.89	152.67 9.39 -21.28	147.85 10.32 0.00	151.98 10.47 0.00	161.06 11.38 0.00	183.37 10.38 -39.96	205.71 9.91 -65.47	234.33 10.56 -86.62	168.10 8.22 -50.33	136.58 7.23 -29.00	122.29 6.23 -28.25	117.31 6.13 -23.66	116.46 6.11 -23.08	123.60 6.21 -29.96	170.97 6.48 -76.87	234.52 6.94 -139.77	389.39 6.88 -294.35	350.17 6.88 -255.02	322.20 6.22 -234.17	239.63 5.83 -157.11	259.56 5.56 -180.90	216.82 5.49 -139.04	140.87 5.34 -63.37
LWR___OSWEGATCHIE_HYD 23850	98.82 0.10 -1.38	117.61 0.23 -0.67	122.67 0.24 -0.43	137.95 0.41 0.00	141.94 0.42 0.00	150.13 0.45 0.00	133.18 -0.67 -0.81	131.66 0.00 -1.33	137.11 -0.41 -0.37	109.70 -0.88 -1.02	100.44 -0.50 -0.59	87.49 -0.88 -0.57	86.96 -1.05 -0.48	86.69 -1.05 -0.47	87.08 -0.96 -0.61	87.23 -0.88 -0.49	87.90 -0.35 -0.44	87.57 -0.71 -0.12	88.02 -0.62 -0.38	81.62 -0.57 -0.38	76.71 -0.77 -0.79	72.93 -0.51 -0.33	72.00 -0.72 -0.43	72.93 -0.51 -1.28
LYONS_FALL_HYD 23570	102.29 3.21 -1.73	121.29 3.73 -0.84	126.19 3.66 -0.54	141.38 3.85 0.00	145.34 3.82 0.00	154.33 4.65 0.00	137.91 3.86 -1.02	135.79 3.78 -1.67	141.32 3.70 -0.47	113.69 2.84 -1.28	103.30 2.20 -0.74	90.18 1.66 -0.72	89.19 1.05 -0.60	88.99 1.13 -0.59	89.42 1.22 -0.76	89.72 1.49 -0.61	90.39 2.02 -0.56	90.51 2.20 -0.15	91.03 2.29 -0.48	84.01 1.72 -0.48	79.14 1.45 -1.00	74.84 1.32 -0.41	73.84 1.01 -0.54	74.71 0.94 -1.62
MADISON___COUNTY_LFGE 323628	104.21 3.80 -3.07	122.28 4.08 -1.49	127.22 4.27 -0.96	141.94 4.40 0.00	146.04 4.53 0.00	154.92 5.24 0.00	139.63 4.79 -1.81	137.73 4.43 -2.96	142.64 4.66 -0.83	115.56 3.72 -2.28	104.67 3.01 -1.31	91.62 2.55 -1.28	90.88 2.28 -1.07	90.59 2.27 -1.04	91.15 2.36 -1.35	91.42 2.72 -1.09	91.78 2.99 -0.99	91.68 3.26 -0.26	92.29 3.18 -0.85	85.11 2.45 -0.85	80.76 2.30 -1.77	75.89 2.05 -0.73	75.06 1.81 -0.96	76.82 1.80 -2.86
MALONE___115KV_TB1 356076	96.86 -0.49 0.00	116.60 -0.12 0.00	121.99 0.00 0.00	137.81 0.28 0.00	142.08 0.57 0.00	150.13 0.45 0.00	132.37 -0.67 0.00	130.86 0.52 0.00	137.56 0.41 0.00	109.12 -0.44 0.00	100.65 0.30 0.00	87.71 -0.09 0.00	87.79 0.26 0.00	87.45 0.17 0.00	87.61 0.17 0.00	87.53 -0.09 0.00	87.98 0.18 0.00	87.46 -0.71 0.00	87.55 -0.71 0.00	81.48 -0.33 0.00	75.92 -0.77 0.00	72.60 -0.51 0.00	71.57 -0.72 0.00	71.87 -0.29 0.00
MAPLEWOD_115KV_TB3 80458	168.52 4.87 -66.31	154.54 5.72 -32.11	148.87 6.10 -20.78	144.28 6.74 0.00	148.16 6.65 0.00	156.86 7.18 0.00	178.43 6.39 -39.01	200.12 5.87 -63.92	211.19 6.58 -67.46	164.07 5.37 -49.14	133.79 5.12 -28.32	120.04 4.65 -27.59	115.27 4.64 -23.10	114.43 4.63 -22.53	121.32 4.63 -29.25	154.00 4.56 -61.82	199.40 4.65 -106.94	302.50 4.67 -209.67	277.26 4.59 -184.41	255.26 4.17 -169.28	204.47 3.91 -123.87	209.28 3.73 -132.44	182.27 3.76 -106.22	137.64 3.61 -61.88
MAPLE_RIDGE_WT_1 323574	96.08 -1.27 0.00	115.43 -1.28 0.00	120.65 -1.34 0.00	136.16 -1.38 0.00	140.10 -1.41 0.00	148.18 -1.50 0.00	131.30 -1.73 0.00	128.90 -1.43 0.00	135.36 -1.79 0.00	107.80 -1.76 0.00	98.85 -1.50 0.00	86.31 -1.49 0.00	86.13 -1.40 0.00	85.79 -1.48 0.00	85.95 -1.49 0.00	85.95 -1.67 0.00	85.96 -1.85 0.00	85.96 -2.20 0.00	85.79 -2.47 0.00	79.60 -2.20 0.00	74.54 -2.15 0.00	71.14 -1.97 0.00	70.27 -2.02 0.00	70.21 -1.94 0.00
MAPLE_RIDGE_WT_2 323611	96.08 -1.27 0.00	115.43 -1.28 0.00	120.65 -1.34 0.00	136.16 -1.38 0.00	140.10 -1.41 0.00	148.18 -1.50 0.00	131.30 -1.73 0.00	128.90 -1.43 0.00	135.36 -1.79 0.00	107.80 -1.76 0.00	98.85 -1.50 0.00	86.31 -1.49 0.00	86.13 -1.40 0.00	85.79 -1.48 0.00	85.95 -1.49 0.00	85.95 -1.67 0.00	85.96 -1.85 0.00	85.96 -2.20 0.00	85.79 -2.47 0.00	79.60 -2.20 0.00	74.54 -2.15 0.00	71.14 -1.97 0.00	70.27 -2.02 0.00	70.21 -1.94 0.00
MARBLE_RIVER_WT_PWR 323696	95.60 -1.75 0.00	115.32 -1.40 0.00	120.65 -1.34 0.00	136.43 -1.11 0.00	140.67 -0.84 0.00	148.48 -1.20 0.00	130.90 -2.13 0.00	129.29 -1.05 0.00	135.78 -1.37 0.00	107.80 -1.76 0.00	99.25 -1.10 0.00	86.65 -1.14 0.00	86.57 -0.96 0.00	86.23 -1.04 0.00	86.48 -0.96 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.22 -1.94 0.00	85.88 -2.38 0.00	79.68 -2.13 0.00	74.54 -2.15 0.00	71.21 -1.90 0.00	70.13 -2.17 0.00	70.57 -1.59 0.00
MARSHVLE_115KV_TB1 80742	180.65 7.11 -76.20	161.66 8.05 -36.90	154.41 8.54 -23.88	146.75 9.21 0.00	150.85 9.34 0.00	160.01 10.33 0.00	187.84 9.98 -44.83	213.70 9.91 -73.45	231.38 10.01 -84.22	172.60 6.57 -56.47	137.31 4.42 -32.54	122.66 3.16 -31.70	117.22 3.15 -26.54	116.40 3.23 -25.89	124.81 3.76 -33.61	168.75 4.91 -76.22	228.93 6.67 -134.45	371.18 7.05 -275.96	337.11 7.06 -241.79	310.38 6.22 -222.36	236.34 5.75 -153.90	250.42 5.34 -171.97	210.90 4.99 -133.62	147.88 4.62 -71.10
MARSH_HILL_WT_PWR 323713	107.92 -0.48 -11.05	119.61 -2.46 -5.35	122.41 -3.05 -3.46	133.00 -4.54 0.00	137.27 -4.24 0.00	144.44 -5.24 0.00	134.75 -4.78 -6.50	121.21 -6.51 2.61	132.30 -7.68 -2.83	158.20 -6.36 -55.00	108.13 -6.32 -14.10	87.40 -5.00 -4.60	84.35 -5.51 -2.33	80.66 -5.76 0.85	82.62 -5.86 -1.04	92.49 -5.87 -10.74	132.41 -4.66 -49.26	96.61 -5.20 -13.65	114.73 -4.50 -30.97	85.34 -4.58 -8.12	84.19 -5.06 -12.56	74.82 -5.04 -6.75	77.36 -4.55 -9.62	78.36 -4.11 -10.32
MCINTYRE_115KV_TB2 80467	97.05 -0.29 0.00	116.95 0.23 0.00	122.48 0.49 0.00	138.50 0.96 0.00	142.79 1.27 0.00	150.88 1.20 0.00	133.17 0.13 0.00	131.51 1.17 0.00	137.97 0.82 0.00	109.01 -0.55 0.00	100.55 0.20 0.00	87.36 -0.44 0.00	87.44 -0.09 0.00	87.19 -0.09 0.00	87.44 0.00 0.00	87.62 0.00 0.00	88.25 0.44 0.00	87.72 -0.44 0.00	88.17 -0.09 0.00	82.05 0.25 0.00	76.61 -0.08 0.00	73.40 0.29 0.00	72.36 0.07 0.00	72.66 0.51 0.00
MECO_____69_KV_BK1 80468	180.53 9.83 -73.35	163.44 11.20 -35.52	156.93 11.96 -22.99	150.60 13.07 0.00	154.82 13.30 0.00	164.20 14.52 0.00	189.89 13.70 -43.15	214.47 13.42 -70.71	238.74 13.85 -87.74	173.78 9.86 -54.36	139.30 7.63 -31.32	124.46 6.15 -30.52	119.21 6.13 -25.55	118.31 6.11 -24.92	126.35 6.56 -32.36	173.59 7.45 -78.52	237.77 9.04 -140.92	391.85 9.35 -294.34	353.86 9.27 -256.33	325.83 8.43 -235.59	244.16 7.82 -159.65	262.32 7.31 -181.90	219.43 7.01 -140.12	147.24 6.64 -68.45
MENANDS___115KV_TB5 355628	167.90 4.38 -66.17	154.01 5.25 -32.04	148.22 5.49 -20.74	143.73 6.19 0.00	147.46 5.94 0.00	156.12 6.44 0.00	177.55 5.59 -38.93	199.34 5.21 -63.79	208.69 5.76 -65.78	163.42 4.82 -49.04	133.43 4.82 -28.26	119.63 4.30 -27.53	114.96 4.38 -23.05	114.12 4.36 -22.49	120.91 4.28 -29.19	152.33 4.21 -60.51	196.09 4.21 -104.07	294.56 4.14 -202.25	270.63 4.15 -178.23	249.09 3.68 -163.60	201.18 3.53 -120.96	204.67 3.36 -128.20	179.04 3.40 -103.35	137.22 3.32 -61.75
MG INDUSTRY___DRP 24185	166.30 4.19 -64.77	152.98 4.90 -31.36	147.54 5.25 -20.30	143.59 6.05 0.00	147.31 5.80 0.00	155.97 6.29 0.00	176.46 5.32 -38.11	197.59 4.82 -62.44	193.01 5.21 -50.65	161.61 4.05 -48.00	131.82 3.81 -27.66	118.17 3.42 -26.95	113.50 3.41 -22.56	112.69 3.40 -22.01	119.50 3.50 -28.57	139.73 3.50 -48.61	169.67 3.69 -78.17	227.48 3.70 -135.61	214.51 3.62 -122.64	197.59 3.27 -112.51	174.54 3.14 -94.71	166.14 3.00 -90.03	152.80 3.04 -77.47	135.55 2.96 -60.44

MID___OSWEGATCHIE_HYD 23849	98.82 0.10 -1.38	117.61 0.23 -0.67	122.67 0.24 -0.43	137.95 0.41 0.00	141.94 0.42 0.00	150.13 0.45 0.00	133.18 -0.67 -0.81	131.66 0.00 -1.33	137.11 -0.41 -0.37	109.70 -0.88 -1.02	100.44 -0.50 -0.59	87.49 -0.88 -0.57	86.96 -1.05 -0.48	86.69 -1.05 -0.47	87.08 -0.96 -0.61	87.23 -0.88 -0.49	87.90 -0.35 -0.44	87.57 -0.71 -0.12	88.02 -0.62 -0.38	81.62 -0.57 -0.38	76.71 -0.77 -0.79	72.93 -0.51 -0.33	72.00 -0.72 -0.43	72.93 -0.51 -1.28
MID___RAQUETTE_HYD 23851	95.69 -1.65 0.00	115.31 -1.40 0.00	120.65 -1.34 0.00	136.44 -1.10 0.00	140.66 -0.85 0.00	148.18 -1.50 0.00	130.24 -2.79 0.00	128.64 -1.69 0.00	135.09 -2.06 0.00	107.04 -2.52 0.00	99.05 -1.30 0.00	86.22 -1.58 0.00	86.22 -1.31 0.00	85.97 -1.31 0.00	86.12 -1.31 0.00	86.13 -1.49 0.00	86.49 -1.32 0.00	85.78 -2.38 0.00	86.14 -2.12 0.00	80.25 -1.55 0.00	74.92 -1.76 0.00	72.01 -1.10 0.00	71.06 -1.23 0.00	71.43 -0.72 0.00
MILLIKEN___1 23584	110.58 2.43 -10.80	124.04 2.10 -5.23	127.45 2.07 -3.38	139.33 1.79 0.00	143.35 1.84 0.00	151.48 1.80 0.00	141.51 2.13 -6.35	159.14 1.56 -27.24	149.93 1.51 -11.27	123.13 1.42 -12.15	110.88 0.80 -9.72	93.17 0.88 -4.49	93.83 0.61 -5.68	97.40 0.61 -9.51	97.68 0.61 -9.63	99.80 0.96 -11.22	101.89 1.40 -12.68	103.97 1.85 -13.95	104.59 1.77 -14.57	100.08 1.15 -17.13	90.28 1.07 -12.52	88.09 0.80 -14.18	82.74 0.80 -9.65	83.10 0.87 -10.08
MILLIKEN___2 23585	110.58 2.43 -10.80	124.04 2.10 -5.23	127.45 2.07 -3.38	139.33 1.79 0.00	143.35 1.84 0.00	151.48 1.80 0.00	141.51 2.13 -6.35	159.14 1.56 -27.24	149.93 1.51 -11.27	123.13 1.42 -12.15	110.88 0.80 -9.72	93.17 0.88 -4.49	93.83 0.61 -5.68	97.40 0.61 -9.51	97.68 0.61 -9.63	99.80 0.96 -11.22	101.89 1.40 -12.68	103.97 1.85 -13.95	104.59 1.77 -14.57	100.08 1.15 -17.13	90.28 1.07 -12.52	88.09 0.80 -14.18	82.74 0.80 -9.65	83.10 0.87 -10.08
MILLIKEN___DIESEL 23629	110.58 2.43 -10.80	124.04 2.10 -5.23	127.45 2.07 -3.38	139.33 1.79 0.00	143.35 1.84 0.00	151.48 1.80 0.00	141.51 2.13 -6.35	159.14 1.56 -27.24	149.93 1.51 -11.27	123.13 1.42 -12.15	110.88 0.80 -9.72	93.17 0.88 -4.49	93.83 0.61 -5.68	97.40 0.61 -9.51	97.68 0.61 -9.63	99.80 0.96 -11.22	101.89 1.40 -12.68	103.97 1.85 -13.95	104.59 1.77 -14.57	100.08 1.15 -17.13	90.28 1.07 -12.52	88.09 0.80 -14.18	82.74 0.80 -9.65	83.10 0.87 -10.08
MILLSEAT___LFGE 323607	100.82 -4.28 -7.75	113.69 -6.77 -3.75	117.10 -7.32 -2.43	127.22 -10.32 0.00	131.19 -10.32 0.00	138.45 -11.23 0.00	127.22 -10.38 -4.56	120.69 -12.77 -3.12	125.60 -14.81 -3.26	97.12 -9.97 2.47	90.38 -10.03 -0.06	83.12 -7.90 -3.22	81.59 -8.14 -2.20	80.27 -8.11 -1.11	81.36 -8.22 -2.15	81.82 -8.06 -2.26	79.83 -7.90 0.08	89.15 -6.79 -7.78	86.21 -6.26 -4.21	80.70 -6.55 -5.44	79.03 -6.29 -8.63	71.69 -6.36 -4.94	73.22 -5.64 -6.57	74.48 -4.91 -7.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	158.01 7.11 -53.55	150.82 8.17 -25.93	147.19 8.42 -16.78	146.48 8.94 0.00	150.71 9.20 0.00	159.26 9.58 0.00	173.72 9.18 -31.51	190.95 8.99 -51.63	177.67 10.15 -30.37	157.79 8.55 -39.69	130.35 7.12 -22.87	116.31 6.23 -22.28	112.31 6.13 -18.65	111.49 6.02 -18.20	117.01 5.95 -23.62	124.96 6.05 -31.30	138.82 6.23 -44.78	154.41 6.44 -59.81	152.62 6.44 -57.92	140.59 5.73 -53.06	140.51 5.37 -58.45	122.86 5.04 -44.71	121.33 4.84 -44.20	126.53 4.40 -49.97
MILLWOOD_13_KV_LOAD 356217	158.30 7.40 -53.55	151.17 8.52 -25.93	147.44 8.66 -16.78	146.89 9.35 0.00	150.99 9.48 0.00	159.56 9.88 0.00	174.12 9.58 -31.51	191.35 9.38 -51.63	178.22 10.70 -30.37	158.12 8.87 -39.69	130.65 7.43 -22.87	116.58 6.50 -22.28	112.57 6.39 -18.65	111.76 6.28 -18.20	117.35 6.30 -23.62	125.31 6.40 -31.30	139.17 6.59 -44.78	154.76 6.79 -59.81	152.88 6.71 -57.92	140.84 5.97 -53.06	140.74 5.60 -58.45	123.15 5.34 -44.71	121.62 5.13 -44.20	126.75 4.62 -49.97
MODEL_CITY_ENERGY 24167	98.01 -7.49 -8.15	110.27 -10.39 -3.95	113.33 -11.22 -2.55	122.82 -14.71 0.00	126.66 -14.86 0.00	133.51 -16.17 0.00	122.93 -14.90 -4.80	115.56 -17.85 -3.07	120.38 -20.16 -3.39	91.02 -13.92 4.62	86.18 -13.65 0.52	79.95 -11.24 -3.39	78.44 -11.38 -2.29	77.12 -11.26 -1.10	78.19 -11.45 -2.20	78.37 -11.30 -2.05	74.66 -11.41 1.73	85.98 -10.40 -8.22	82.49 -9.53 -3.76	78.02 -9.49 -5.70	76.51 -9.28 -9.11	69.29 -9.00 -5.18	71.13 -8.10 -6.94	72.55 -7.21 -7.61
MODERN_LFGE___ 323580	98.01 -7.49 -8.15	110.27 -10.39 -3.95	113.33 -11.22 -2.55	122.82 -14.71 0.00	126.66 -14.86 0.00	133.51 -16.17 0.00	122.93 -14.90 -4.80	115.56 -17.85 -3.07	120.38 -20.16 -3.39	91.02 -13.92 4.62	86.18 -13.65 0.52	79.95 -11.24 -3.39	78.44 -11.38 -2.29	77.12 -11.26 -1.10	78.19 -11.45 -2.20	78.37 -11.30 -2.05	74.66 -11.41 1.73	85.98 -10.40 -8.22	82.49 -9.53 -3.76	78.02 -9.49 -5.70	76.51 -9.28 -9.11	69.29 -9.00 -5.18	71.13 -8.10 -6.94	72.55 -7.21 -7.61
MOHAWK_PAPER___DRP 24187	168.52 4.87 -66.31	154.54 5.72 -32.11	148.87 6.10 -20.78	144.28 6.74 0.00	148.16 6.65 0.00	156.86 7.18 0.00	178.43 6.39 -39.01	200.12 5.87 -63.92	211.19 6.58 -67.46	164.07 5.37 -49.14	133.79 5.12 -28.32	120.04 4.65 -27.59	115.27 4.64 -23.10	114.43 4.63 -22.53	121.32 4.63 -29.25	154.00 4.56 -61.82	199.40 4.65 -106.94	302.50 4.67 -209.67	277.26 4.59 -184.41	255.26 4.17 -169.28	204.47 3.91 -123.87	209.28 3.73 -132.44	182.27 3.76 -106.22	137.64 3.61 -61.88
MOHICAN___35_KV_115KV_LD 80490	174.63 9.35 -67.94	160.47 10.85 -32.90	154.99 11.71 -21.29	150.47 12.93 0.00	154.82 13.30 0.00	164.05 14.37 0.00	186.17 13.17 -39.97	208.73 12.90 -65.49	237.67 13.71 -86.81	170.53 10.63 -50.35	138.50 9.13 -29.01	123.79 7.73 -28.27	118.81 7.62 -23.67	117.87 7.51 -23.09	125.01 7.61 -29.97	172.70 8.06 -77.02	236.60 8.69 -140.09	392.06 8.73 -295.17	352.62 8.65 -255.71	324.38 7.77 -234.80	241.41 7.29 -157.44	261.49 7.02 -181.37	218.52 6.87 -139.36	142.26 6.71 -63.40
MONGAUP___HYD 23641	153.68 7.10 -49.24	148.84 8.29 -23.84	145.83 8.41 -15.43	146.89 9.36 0.00	151.00 9.48 0.00	159.56 9.88 0.00	170.92 8.91 -28.97	186.67 8.87 -47.46	174.78 9.74 -27.90	153.94 7.89 -36.49	127.90 6.52 -21.03	113.73 5.45 -20.48	110.02 5.34 -17.15	109.15 5.15 -16.73	114.40 5.25 -21.72	121.98 5.61 -28.76	135.17 6.24 -41.13	149.64 6.62 -54.87	148.20 6.80 -53.14	136.46 5.97 -48.68	135.83 5.45 -53.70	119.41 5.27 -41.03	117.94 5.06 -40.59	122.65 4.55 -45.95
MONTAUK___DIESEL 23721	164.64 13.43 -53.86	157.97 15.17 -26.08	154.24 15.37 -16.88	153.90 16.37 0.00	158.21 16.70 0.00	167.49 17.81 0.00	184.01 19.29 -31.69	201.81 19.55 -51.92	188.81 21.12 -30.54	162.40 12.93 -39.92	141.12 12.54 -28.22	125.44 10.54 -27.10	116.63 9.54 -19.56	117.86 9.16 -21.42	126.31 9.62 -29.25	142.47 9.02 -45.83	158.13 11.24 -59.08	190.86 12.43 -90.27	177.39 11.39 -77.74	162.03 9.65 -70.57	153.45 8.51 -68.25	149.44 8.55 -67.78	143.61 7.95 -63.36	138.48 8.80 -57.52
MOONROAD_115KV_HARTFLD_TB1-2 355988	103.36 -3.31 -9.32	115.97 -5.25 -4.51	118.69 -6.22 -2.92	129.28 -8.25 0.00	133.31 -8.21 0.00	139.80 -9.88 0.00	128.67 -9.84 -5.48	121.23 -11.86 -2.75	128.25 -12.62 -3.72	96.09 -8.98 4.48	90.77 -9.03 0.55	83.77 -7.90 -3.88	82.01 -8.05 -2.53	80.25 -8.03 -1.00	81.61 -8.13 -2.31	82.27 -7.71 -2.36	81.16 -5.44 1.21	91.43 -6.26 -9.53	87.80 -5.30 -4.83	80.75 -7.44 -6.39	80.58 -6.60 -10.48	72.34 -6.58 -5.81	74.37 -5.93 -8.00	75.58 -5.27 -8.70

MORRIS_RIDGE___SOLAR 323848	105.12 -2.92 -10.69	116.76 -5.13 -5.18	119.61 -5.73 -3.35	129.84 -7.70 0.00	133.87 -7.64 0.00	140.99 -8.69 0.00	131.20 -8.12 -6.29	121.75 -10.17 -1.58	129.50 -11.52 -3.87	39.42 -9.42 60.71	75.34 -9.13 15.88	84.78 -7.46 -4.45	82.47 -7.79 -2.73	80.02 -7.85 -0.60	81.76 -7.87 -2.19	73.67 -7.80 6.15	33.66 -6.50 47.66	94.40 -6.88 -13.11	68.83 -6.09 13.34	84.75 -6.05 -9.00	82.35 -6.44 -12.11	74.22 -6.36 -7.47	75.70 -5.85 -9.26	76.87 -5.26 -9.98
MORTIMER_115KV_TB3 55949	101.50 -2.43 -6.59	115.94 -3.97 -3.19	119.79 -4.27 -2.07	130.94 -6.60 0.00	134.86 -6.65 0.00	142.20 -7.48 0.00	130.79 -6.12 -3.88	125.60 -7.95 -3.22	127.75 -10.29 -0.89	108.07 -6.35 -4.86	95.89 -6.52 -2.06	86.33 -4.21 -2.74	85.00 -4.46 -1.94	83.88 -4.54 -1.15	84.97 -4.46 -2.00	85.00 -4.21 -1.59	84.66 -5.36 -2.21	85.63 -3.09 -0.55	84.98 -5.12 -1.84	78.41 -4.34 -0.93	76.97 -3.53 -3.81	70.41 -3.51 -0.81	71.16 -3.18 -2.05	75.49 -2.81 -6.15
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	159.60 8.37 -53.88	152.26 9.45 -26.09	148.64 9.76 -16.89	147.58 10.04 0.00	151.70 10.19 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.31 10.04 -51.94	179.22 11.52 -30.55	159.13 9.64 -39.93	131.19 7.83 -23.01	117.15 6.94 -22.42	113.04 6.74 -18.77	112.22 6.63 -18.31	117.76 6.56 -23.77	125.67 6.57 -31.49	139.70 6.85 -45.04	155.38 7.05 -60.17	153.58 7.06 -58.26	141.48 6.30 -53.37	141.32 5.83 -58.80	123.57 5.48 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28
MUNSVILLE_WIND_PWR 323609	124.90 10.90 -16.65	136.91 12.14 -8.06	139.41 12.20 -5.22	150.61 13.07 0.00	154.68 13.16 0.00	164.95 15.27 0.00	157.07 14.24 -9.79	168.54 13.68 -24.52	165.35 14.00 -14.21	135.98 11.29 -15.13	119.36 9.13 -9.87	102.01 7.28 -6.93	100.95 6.65 -6.77	102.42 6.55 -8.60	103.87 6.64 -9.79	109.05 7.44 -13.99	116.96 9.05 -20.10	126.06 9.25 -28.65	125.04 9.62 -27.16	116.26 7.85 -26.60	105.89 6.90 -22.30	100.80 6.00 -21.69	95.58 5.42 -17.87	92.95 5.26 -15.54
N SALMON___HYD 24042	96.86 -0.48 0.00	116.71 0.00 0.00	121.99 0.00 0.00	137.81 0.28 0.00	142.22 0.71 0.00	150.13 0.45 0.00	132.37 -0.66 0.00	130.99 0.65 0.00	137.56 0.41 0.00	109.23 -0.33 0.00	100.55 0.20 0.00	87.80 0.00 0.00	87.79 0.26 0.00	87.45 0.17 0.00	87.70 0.26 0.00	87.70 0.09 0.00	87.98 0.18 0.00	87.72 -0.44 0.00	87.20 -1.06 0.00	81.07 -0.74 0.00	75.92 -0.77 0.00	72.60 -0.51 0.00	71.57 -0.72 0.00	71.87 -0.29 0.00
N.AKRON__115KV_KNAPP 355671	100.48 -4.67 -7.80	113.37 -7.12 -3.78	116.75 -7.69 -2.45	126.81 -10.73 0.00	130.76 -10.75 0.00	137.56 -12.12 0.00	126.45 -11.17 -4.59	120.42 -13.03 -3.12	123.97 -16.46 -3.28	96.51 -10.30 2.75	89.90 -10.44 0.01	82.88 -8.17 -3.25	81.25 -8.49 -2.21	80.09 -8.29 -1.11	81.28 -8.31 -2.16	82.66 -7.18 -2.23	79.26 -8.25 0.29	89.47 -6.52 -7.84	84.37 -8.03 -4.14	79.27 -8.02 -5.48	78.71 -6.67 -8.70	71.57 -6.51 -4.97	73.13 -5.78 -6.62	74.39 -5.05 -7.28
N.BELMOR_69_KV_BK1 55787	160.55 9.35 -53.86	153.53 10.74 -26.08	149.85 10.98 -16.88	149.09 11.55 0.00	153.12 11.60 0.00	161.50 11.82 0.00	176.56 11.84 -31.69	193.99 11.73 -51.92	180.85 13.17 -30.54	159.88 10.41 -39.92	137.80 9.23 -28.22	122.98 8.08 -27.10	115.05 7.97 -19.56	116.55 7.85 -21.42	124.56 7.87 -29.25	141.42 7.97 -45.83	155.15 8.25 -59.08	187.54 8.46 -90.91	175.09 8.47 -78.36	159.98 7.61 -70.57	151.99 7.06 -68.25	147.54 6.65 -67.78	142.09 6.43 -63.36	135.67 5.99 -57.52
N.E_GEN_SANDY PD 24062	164.00 6.14 -60.52	153.26 7.24 -29.31	148.40 7.44 -18.97	145.79 8.25 0.00	149.86 8.35 0.00	158.66 8.98 0.00	176.62 7.98 -35.60	196.10 7.43 -58.34	187.70 8.09 -42.46	161.09 6.68 -44.85	132.42 6.22 -25.84	118.60 5.62 -25.18	114.13 5.52 -21.08	113.34 5.50 -20.56	119.64 5.51 -26.70	134.80 5.52 -41.66	157.90 5.45 -64.65	198.20 5.47 -104.57	190.00 5.56 -96.18	175.00 4.99 -88.20	161.46 4.68 -80.10	149.11 4.46 -71.54	140.84 4.56 -63.99	135.40 4.40 -58.84
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	155.93 6.62 -51.96	149.46 7.59 -25.16	146.08 7.81 -16.28	145.79 8.25 0.00	150.00 8.49 0.00	158.51 8.83 0.00	171.99 8.38 -30.57	188.77 8.34 -50.09	176.06 9.46 -29.45	155.95 7.89 -38.51	129.07 6.52 -22.19	115.21 5.79 -21.62	111.23 5.60 -18.10	110.43 5.50 -17.66	115.87 5.51 -22.92	123.58 5.61 -30.35	137.02 5.80 -43.42	152.11 6.00 -57.95	150.39 6.00 -56.13	138.54 5.32 -51.42	138.36 4.98 -56.68	121.12 4.68 -43.33	119.63 4.48 -42.85	124.68 4.04 -48.49
N.QUEENS_27_KV_LOAD 356247	159.90 8.66 -53.89	152.97 10.15 -26.10	149.12 10.25 -16.88	148.13 10.59 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.64 -31.70	192.70 10.43 -51.94	179.62 11.93 -30.54	159.47 9.97 -39.94	131.59 8.23 -23.01	117.50 7.29 -22.42	113.39 7.09 -18.77	112.56 6.98 -18.31	118.11 6.91 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	156.45 7.76 -60.53	154.63 7.77 -58.61	141.48 6.30 -53.37	141.39 5.90 -58.80	123.86 5.78 -44.97	122.32 5.57 -44.46	127.70 5.27 -50.28
N.TROY___115KV_TB1 355778	169.88 5.84 -66.69	155.90 6.89 -32.30	150.09 7.20 -20.90	145.51 7.98 0.00	149.58 8.07 0.00	158.51 8.83 0.00	180.12 7.85 -39.24	201.93 7.30 -64.29	221.60 7.82 -76.64	165.23 6.24 -49.43	134.75 5.92 -28.48	120.81 5.27 -27.75	115.93 5.16 -23.23	115.09 5.15 -22.66	122.02 5.16 -29.42	161.85 5.26 -68.97	215.88 5.36 -122.72	344.22 5.38 -250.68	312.17 5.38 -218.53	287.26 4.83 -200.62	220.96 4.52 -139.75	233.32 4.39 -155.83	198.70 4.41 -121.99	138.72 4.33 -62.24
NARROWS_GT1_1 24228	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT1_2 24229	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT1_3 24230	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT1_4 24231	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15

NARROWS_GT1_5 24232	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT1_6 24233	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT1_7 24234	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT1_8 24235	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_1 24236	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_2 24237	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_3 24238	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_4 24239	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_5 24240	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_6 24241	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_7 24242	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NARROWS_GT2_8 24243	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	165.68 5.55 -62.78	153.77 6.65 -30.40	148.62 6.95 -19.67	147.03 9.49 0.00	150.85 9.34 0.00	159.71 10.03 0.00	177.29 7.32 -36.94	198.16 7.30 -60.52	194.05 7.82 -49.09	162.11 6.03 -46.53	132.58 5.42 -26.81	118.40 4.48 -26.12	113.86 4.46 -21.87	112.88 4.28 -21.33	119.59 4.46 -27.69	139.46 4.73 -47.11	168.83 5.27 -75.75	225.20 5.64 -131.39	212.64 5.56 -118.82	195.64 4.83 -109.01	172.99 4.52 -91.78	164.66 4.31 -87.24	151.49 4.12 -75.07	134.64 3.90 -58.58
NCHELSEA_115KV_TR2 355582	159.08 7.79 -53.94	151.94 9.10 -26.12	148.17 9.27 -16.91	147.71 10.18 0.00	151.84 10.33 0.00	160.61 10.93 0.00	174.88 10.11 -31.74	192.24 9.91 -52.00	179.02 11.11 -30.76	158.74 9.20 -39.98	131.22 7.83 -23.04	116.91 6.67 -22.44	112.89 6.56 -18.79	112.06 6.46 -18.33	117.70 6.47 -23.80	125.93 6.66 -31.66	140.14 6.94 -45.40	156.50 7.32 -61.02	154.48 7.24 -58.99	142.23 6.38 -54.04	141.84 5.98 -59.17	124.21 5.63 -45.47	122.53 5.42 -44.81	127.47 4.98 -50.34
NEG CAPITAL___MECHNVIL 23645	172.48 7.60 -67.54	158.28 8.87 -32.71	152.55 9.39 -21.17	147.98 10.45 0.00	152.13 10.62 0.00	161.21 11.53 0.00	183.15 10.38 -39.73	205.34 9.90 -65.11	231.75 10.70 -83.89	167.93 8.32 -50.05	136.62 7.43 -28.84	122.30 6.41 -28.10	117.44 6.39 -23.53	116.51 6.29 -22.95	123.61 6.38 -29.79	168.98 6.66 -74.71	229.95 7.03 -135.12	377.59 6.96 -282.46	340.31 6.97 -245.08	313.30 6.46 -225.03	234.96 5.91 -152.36	252.80 5.63 -174.06	212.25 5.57 -134.39	140.66 5.48 -63.02

NEG CENTRAL_HIGH_ACRES 23767	100.50 -3.21 -6.37	114.90 -4.90 -3.08	118.75 -5.24 -2.00	130.11 -7.43 0.00	134.01 -7.50 0.00	141.59 -8.09 0.00	130.13 -6.65 -3.75	126.11 -8.08 -3.86	128.62 -9.60 -1.07	107.62 -6.57 -4.63	95.88 -6.63 -2.15	85.79 -4.66 -2.65	84.59 -4.90 -1.96	83.68 -4.97 -1.37	84.51 -5.07 -2.15	84.34 -4.99 -1.71	84.24 -5.62 -2.05	84.64 -4.05 -0.53	85.61 -4.41 -1.76	77.86 -5.07 -1.12	76.37 -3.99 -3.68	70.05 -4.02 -0.97	70.59 -3.68 -1.98	74.63 -3.46 -5.94
NEG CENTRAL___DRP 24199	104.25 -0.10 -7.00	118.93 -1.17 -3.39	122.84 -1.34 -2.19	135.20 -2.34 0.00	139.25 -2.26 0.00	146.69 -2.99 0.00	135.16 -2.00 -4.12	130.76 -2.74 -3.16	136.89 -3.29 -3.04	116.96 -2.19 -9.60	101.26 -2.41 -3.32	89.22 -1.49 -2.91	87.81 -1.75 -2.03	86.66 -1.75 -1.13	87.65 -1.84 -2.05	90.02 -1.58 -3.98	96.10 -1.49 -9.78	94.35 -0.79 -6.98	95.51 -1.15 -8.40	85.48 -1.31 -4.98	83.31 -1.15 -7.77	76.32 -1.32 -4.53	76.97 -1.23 -5.91	77.60 -1.08 -6.53
NEG CENTRAL___INDECK 23768	108.27 1.65 -9.27	117.71 -3.50 -4.49	120.99 -3.91 -2.91	131.08 -6.46 0.00	135.15 -6.37 0.00	142.80 -6.88 0.00	132.64 -5.85 -5.46	124.43 -6.91 -1.01	131.45 -8.91 -3.22	157.28 -7.45 -55.18	108.84 -6.52 -15.01	89.29 -2.37 -3.86	86.79 -3.07 -2.32	84.62 -3.06 -0.40	86.17 -3.06 -1.80	96.02 -2.72 -11.12	134.37 -2.11 -48.67	96.78 -0.88 -9.50	114.91 -0.80 -27.45	86.02 -1.64 -5.85	85.67 -1.46 -10.44	76.58 -1.90 -5.37	78.74 -1.52 -7.97	79.65 -1.16 -8.65
NEG CENTRAL___SENECA 23627	105.22 0.10 -7.77	119.31 -1.17 -3.76	122.96 -1.46 -2.44	134.92 -2.61 0.00	139.11 -2.41 0.00	146.09 -3.59 0.00	135.34 -2.26 -4.57	127.77 -3.26 -0.69	135.79 -3.98 -2.62	119.58 -2.74 -12.76	101.02 -2.91 -3.58	89.36 -1.67 -3.23	87.45 -2.01 -1.93	85.55 -2.01 -0.28	86.80 -2.10 -1.46	89.98 -1.75 -4.11	98.82 -1.76 -12.76	95.04 -0.97 -7.84	97.17 -1.32 -10.23	85.11 -1.47 -4.77	84.14 -1.23 -8.68	76.05 -1.46 -4.40	77.61 -1.30 -6.62	78.32 -1.08 -7.25
NEG CENTRAL___STATE_STREET 24147	104.56 0.39 -6.83	119.79 -0.23 -3.31	123.77 -0.37 -2.14	136.44 -1.10 0.00	140.52 -0.99 0.00	148.48 -1.20 0.00	136.52 -0.53 -4.02	137.73 -1.17 -8.57	140.16 -1.51 -4.52	113.93 -0.77 -5.14	102.76 -1.00 -3.41	90.11 -0.53 -2.84	89.35 -0.79 -2.61	89.50 -0.79 -3.01	90.23 -0.79 -3.59	91.54 -0.61 -4.54	93.23 -0.44 -5.86	95.19 0.18 -6.85	94.62 -0.18 -6.54	87.89 -0.41 -6.49	83.98 -0.31 -7.60	78.44 -0.44 -5.77	77.64 -0.43 -5.79	78.09 -0.43 -6.37
NEG MILLWOOD___DRP 24198	160.16 8.37 -54.44	152.88 9.80 -26.36	149.18 10.13 -17.06	148.54 11.00 0.00	152.83 11.32 0.00	161.50 11.82 0.00	176.37 11.31 -32.03	193.90 11.08 -52.48	180.60 12.48 -30.97	160.31 10.41 -40.35	132.53 8.93 -23.25	118.18 7.73 -22.65	114.11 7.62 -18.96	113.28 7.51 -18.50	118.88 7.43 -24.02	127.22 7.71 -31.89	141.49 7.99 -45.69	157.70 8.29 -61.25	155.63 8.12 -59.25	143.29 7.20 -54.28	143.03 6.75 -59.59	125.32 6.51 -45.70	123.68 6.29 -45.10	128.59 5.63 -50.81
NEG NORTH_FLCN_SEA 23793	96.86 -0.49 0.00	116.71 0.00 0.00	122.11 0.12 0.00	137.95 0.41 0.00	142.36 0.85 0.00	150.28 0.60 0.00	131.70 -1.33 0.00	130.08 -0.26 0.00	136.60 -0.55 0.00	108.46 -1.10 0.00	99.95 -0.40 0.00	87.10 -0.70 0.00	87.18 -0.35 0.00	86.75 -0.52 0.00	86.91 -0.52 0.00	86.92 -0.70 0.00	87.19 -0.61 0.00	86.75 -1.41 0.00	86.76 -1.50 0.00	80.58 -1.23 0.00	75.08 -1.61 0.00	71.65 -1.46 0.00	70.56 -1.74 0.00	71.43 -0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	95.59 -1.75 0.00	115.20 -1.52 0.00	120.53 -1.46 0.00	136.30 -1.24 0.00	140.52 -0.99 0.00	148.48 -1.20 0.00	131.04 -2.00 0.00	129.42 -0.91 0.00	135.91 -1.23 0.00	107.80 -1.75 0.00	99.45 -0.90 0.00	86.66 -1.14 0.00	86.65 -0.88 0.00	86.31 -0.96 0.00	86.47 -0.96 0.00	86.48 -1.14 0.00	86.67 -1.14 0.00	86.22 -1.94 0.00	86.32 -1.94 0.00	80.17 -1.64 0.00	74.69 -1.99 0.00	71.35 -1.75 0.00	70.27 -2.02 0.00	70.64 -1.52 0.00
NEG NORTH___ALICE_FALLS 23915	97.25 -0.10 0.00	117.06 0.35 0.00	122.48 0.49 0.00	138.36 0.83 0.00	142.64 1.13 0.00	150.73 1.05 0.00	132.50 -0.53 0.00	130.86 0.52 0.00	137.42 0.27 0.00	109.12 -0.44 0.00	100.55 0.20 0.00	87.62 -0.18 0.00	87.79 0.26 0.00	87.36 0.09 0.00	87.52 0.09 0.00	87.44 -0.18 0.00	87.81 0.00 0.00	87.37 -0.79 0.00	87.38 -0.88 0.00	81.23 -0.57 0.00	75.61 -1.07 0.00	72.23 -0.88 0.00	71.14 -1.16 0.00	71.72 -0.43 0.00
NEG NORTH___LWR_SARANAC 23913	97.25 -0.10 0.00	117.06 0.35 0.00	122.48 0.49 0.00	138.36 0.83 0.00	142.64 1.13 0.00	150.73 1.05 0.00	132.50 -0.53 0.00	130.86 0.52 0.00	137.42 0.27 0.00	109.12 -0.44 0.00	100.55 0.20 0.00	87.62 -0.18 0.00	87.79 0.26 0.00	87.36 0.09 0.00	87.52 0.09 0.00	87.44 -0.18 0.00	87.81 0.00 0.00	87.37 -0.79 0.00	87.38 -0.88 0.00	81.23 -0.57 0.00	75.61 -1.07 0.00	72.23 -0.88 0.00	71.14 -1.16 0.00	71.72 -0.43 0.00
NEG NORTH___PLATTSBURG 23628	97.25 -0.10 0.00	117.18 0.47 0.00	122.48 0.49 0.00	138.37 0.83 0.00	142.78 1.27 0.00	150.74 1.06 0.00	132.37 -0.66 0.00	130.99 0.65 0.00	137.42 0.27 0.00	109.23 -0.33 0.00	100.45 0.10 0.00	87.80 0.00 0.00	87.79 0.26 0.00	87.36 0.09 0.00	87.52 0.09 0.00	87.62 0.00 0.00	87.81 0.00 0.00	87.55 -0.61 0.00	87.02 -1.24 0.00	80.83 -0.98 0.00	75.61 -1.07 0.00	72.23 -0.87 0.00	71.13 -1.16 0.00	71.72 -0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	98.10 -7.30 -8.06	110.46 -10.15 -3.90	113.54 -10.98 -2.53	123.23 -14.30 0.00	127.08 -14.43 0.00	133.51 -16.17 0.00	122.87 -14.90 -4.74	116.08 -17.07 -2.82	119.80 -20.71 -3.36	86.32 -13.80 9.44	85.01 -13.55 1.79	80.26 -10.89 -3.35	78.68 -11.12 -2.27	77.46 -10.91 -1.10	78.78 -10.84 -2.19	79.34 -9.90 -1.63	71.13 -10.98 5.71	86.85 -9.43 -8.12	80.30 -10.77 -2.81	76.80 -10.63 -5.63	76.63 -9.05 -8.99	69.74 -8.48 -5.12	71.48 -7.66 -6.85	72.82 -6.85 -7.52
NEG WEST___LANCASTER 23811	99.51 -7.30 -9.47	111.49 -9.80 -4.58	114.22 -10.74 -2.97	126.53 -11.00 0.00	130.47 -11.04 0.00	137.11 -12.57 0.00	124.50 -14.10 -5.57	118.79 -14.60 -3.05	128.79 -12.21 -3.85	93.78 -11.17 4.60	89.60 -10.24 0.51	81.03 -10.71 -3.94	79.28 -10.85 -2.60	77.73 -10.65 -1.11	79.01 -10.84 -2.42	79.65 -10.43 -2.46	82.59 -3.95 1.26	88.50 -9.35 -9.69	89.01 -4.15 -4.90	78.89 -9.49 -6.57	78.21 -9.13 -10.65	70.31 -8.77 -5.97	72.26 -8.17 -8.13	73.48 -7.50 -8.83
NEG_PENN_ALLEGHNY 23528	115.82 1.17 -17.30	125.80 0.70 -8.38	127.91 0.49 -5.42	137.67 0.14 0.00	141.80 0.28 0.00	149.83 0.15 0.00	143.35 0.13 -10.18	143.79 -0.65 -14.10	146.51 -0.55 -9.91	122.06 -0.22 -12.72	106.60 -0.50 -6.75	94.65 -0.35 -7.20	92.65 -0.61 -5.73	91.65 -0.61 -4.99	93.72 -0.61 -6.89	97.30 -0.44 -10.12	104.13 0.44 -15.88	111.01 0.09 -22.76	110.31 0.53 -21.52	101.28 0.25 -19.23	96.75 -0.23 -20.29	88.53 -0.36 -15.78	87.69 -0.29 -15.69	88.16 -0.14 -16.15
NEG___GEN_MONROE 24207	100.98 -3.02 -6.65	115.15 -4.79 -3.22	119.20 -4.88 -2.09	130.11 -7.43 0.00	134.15 -7.36 0.00	141.60 -8.08 0.00	130.03 -6.92 -3.91	124.68 -8.86 -3.21	126.65 -11.38 -0.89	107.60 -6.90 -4.95	95.31 -7.12 -2.08	85.65 -4.92 -2.77	84.23 -5.25 -1.95	83.18 -5.24 -1.15	84.20 -5.25 -2.01	84.40 -4.82 -1.60	84.10 -5.97 -2.26	85.02 -3.70 -0.56	84.48 -5.65 -1.87	77.67 -5.07 -0.93	76.31 -4.22 -3.84	69.75 -4.17 -0.81	70.60 -3.76 -2.07	75.04 -3.32 -6.21

NEPA__ENERGY 23901	101.60 -4.67 -8.93	114.15 -6.89 -4.32	116.98 -7.81 -2.80	127.36 -10.18 0.00	131.32 -10.19 0.00	137.86 -11.82 0.00	126.85 -11.44 -5.25	119.63 -13.55 -2.85	125.53 -15.22 -3.61	89.78 -10.74 9.04	87.97 -10.64 1.75	82.56 -8.96 -3.71	80.79 -9.19 -2.45	79.24 -9.08 -1.04	80.62 -9.09 -2.27	80.61 -8.59 -1.58	75.29 -7.38 5.15	89.85 -7.41 -9.09	83.91 -7.15 -2.80	79.37 -8.59 -6.16	79.27 -7.44 -10.02	71.40 -7.31 -5.60	73.36 -6.58 -7.64	74.57 -5.92 -8.33
NEVERSink__HYD 23608	153.27 7.01 -48.91	148.57 8.17 -23.69	145.62 8.30 -15.33	146.75 9.22 0.00	150.85 9.34 0.00	159.56 9.88 0.00	170.73 8.91 -28.78	186.48 8.99 -47.15	175.68 10.01 -28.53	154.03 8.22 -36.25	128.16 6.92 -20.89	113.85 5.70 -20.35	110.09 5.52 -17.04	109.22 5.32 -16.62	114.35 5.33 -21.58	122.43 5.61 -29.20	136.30 6.24 -42.26	153.05 6.70 -58.20	151.01 6.89 -55.86	138.96 5.97 -51.18	136.88 5.45 -54.75	121.09 5.12 -42.86	118.87 4.84 -41.73	122.13 4.33 -45.65
NEWKRMKL_115KV_TB1 55635	167.51 3.99 -66.18	153.43 4.67 -32.05	147.61 4.88 -20.74	143.18 5.64 0.00	146.89 5.38 0.00	155.52 5.84 0.00	177.02 5.06 -38.93	198.82 4.69 -63.79	206.76 5.35 -64.26	162.98 4.38 -49.04	133.03 4.42 -28.26	119.37 4.04 -27.53	114.61 4.03 -23.05	113.78 4.01 -22.49	120.65 4.02 -29.19	150.72 3.77 -59.33	193.12 3.86 -101.45	287.31 3.79 -195.36	264.55 3.80 -172.50	243.49 3.35 -158.33	198.25 3.22 -118.34	200.46 3.07 -124.28	176.06 3.04 -100.73	136.87 2.96 -61.75
NEWTON__FALLS_HYD 23847	98.82 0.10 -1.38	117.61 0.23 -0.67	122.67 0.24 -0.43	137.95 0.41 0.00	141.94 0.42 0.00	150.13 0.45 0.00	133.18 -0.67 -0.81	131.66 0.00 -1.33	137.11 -0.41 -0.37	109.70 -0.88 -1.02	100.44 -0.50 -0.59	87.49 -0.88 -0.57	86.96 -1.05 -0.48	86.69 -1.05 -0.47	87.08 -0.96 -0.61	87.23 -0.88 -0.49	87.90 -0.35 -0.44	87.57 -0.71 -0.12	88.02 -0.62 -0.38	81.62 -0.57 -0.38	76.71 -0.77 -0.79	72.93 -0.51 -0.33	72.00 -0.72 -0.43	72.93 -0.51 -1.28
NGRID_A1_DSASP 323792	98.93 -6.62 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.16 0.00	127.23 -14.29 0.00	133.97 -15.71 0.00	123.23 -14.63 -4.83	115.54 -17.85 -3.06	120.27 -20.30 -3.42	90.82 -13.37 5.37	86.59 -13.04 0.72	80.15 -11.06 -3.42	78.63 -11.20 -2.30	77.21 -11.17 -1.10	78.37 -11.28 -2.22	78.31 -11.30 -2.00	74.67 -10.80 2.33	86.13 -10.31 -8.29	82.71 -9.18 -3.63	77.81 -9.74 -5.74	76.58 -9.28 -9.17	69.40 -8.92 -5.21	71.33 -7.95 -6.99	72.96 -6.86 -7.66
NGRID_A2_DSASP 323793	98.93 -6.62 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.16 0.00	127.23 -14.29 0.00	133.97 -15.71 0.00	123.23 -14.63 -4.83	115.54 -17.85 -3.06	120.27 -20.30 -3.42	90.82 -13.37 5.37	86.59 -13.04 0.72	80.15 -11.06 -3.42	78.63 -11.20 -2.30	77.21 -11.17 -1.10	78.37 -11.28 -2.22	78.31 -11.30 -2.00	74.67 -10.80 2.33	86.13 -10.31 -8.29	82.71 -9.18 -3.63	77.81 -9.74 -5.74	76.58 -9.28 -9.17	69.40 -8.92 -5.21	71.33 -7.95 -6.99	72.96 -6.86 -7.66
NGRID_A4_DSASP 323807	98.93 -6.62 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.16 0.00	127.23 -14.29 0.00	133.97 -15.71 0.00	123.23 -14.63 -4.83	115.54 -17.85 -3.06	120.27 -20.30 -3.42	90.82 -13.37 5.37	86.59 -13.04 0.72	80.15 -11.06 -3.42	78.63 -11.20 -2.30	77.21 -11.17 -1.10	78.37 -11.28 -2.22	78.31 -11.30 -2.00	74.67 -10.80 2.33	86.13 -10.31 -8.29	82.71 -9.18 -3.63	77.81 -9.74 -5.74	76.58 -9.28 -9.17	69.40 -8.92 -5.21	71.33 -7.95 -6.99	72.96 -6.86 -7.66
NIAGARA_115E_LBMP 323715	97.69 -7.88 -8.23	109.72 -10.98 -3.99	112.86 -11.71 -2.58	122.27 -15.27 0.00	126.09 -15.42 0.00	132.92 -16.76 0.00	122.31 -15.56 -4.84	114.89 -18.51 -3.06	119.59 -20.98 -3.42	90.15 -14.35 5.06	85.66 -14.05 0.64	79.55 -11.68 -3.42	78.02 -11.82 -2.31	76.68 -11.69 -1.10	77.76 -11.89 -2.22	77.90 -11.74 -2.02	73.79 -11.94 2.07	85.54 -10.94 -8.31	81.98 -9.97 -3.70	77.66 -9.90 -5.75	76.14 -9.74 -9.20	68.90 -9.43 -5.22	70.84 -8.46 -7.01	72.26 -7.58 -7.68
NIAGARA_115W_LBMP 323714	98.83 -6.72 -8.20	110.88 -9.80 -3.97	113.95 -10.61 -2.57	123.23 -14.31 0.00	127.08 -14.44 0.00	133.81 -15.87 0.00	123.09 -14.77 -4.82	115.28 -18.11 -3.06	119.99 -20.58 -3.41	90.87 -13.37 5.31	86.51 -13.14 0.70	79.97 -11.24 -3.41	78.46 -11.38 -2.30	77.12 -11.26 -1.11	78.20 -11.45 -2.22	78.23 -11.39 -2.00	74.72 -10.80 2.29	85.94 -10.49 -8.27	82.64 -9.27 -3.65	77.72 -9.82 -5.73	76.49 -9.36 -9.16	69.25 -9.07 -5.21	71.17 -8.10 -6.98	72.81 -7.00 -7.65
NIAGARA_230_LBMP 323716	98.92 -6.52 -8.10	111.29 -9.34 -3.92	114.53 -10.00 -2.54	124.20 -13.34 0.00	128.07 -13.45 0.00	135.02 -14.66 0.00	124.50 -13.30 -4.76	116.73 -16.68 -3.08	121.75 -18.78 -3.39	91.14 -13.37 5.04	86.69 -13.04 0.62	80.89 -10.27 -3.37	79.31 -10.51 -2.28	77.91 -10.48 -1.12	79.06 -10.58 -2.21	79.14 -10.52 -2.04	75.00 -10.72 2.09	86.80 -9.52 -8.16	82.71 -9.27 -3.72	77.75 -9.74 -5.68	77.14 -8.59 -9.04	70.00 -8.26 -5.15	71.80 -7.37 -6.88	73.14 -6.57 -7.56
NIAGARA__115KV_198_GIBSON 55903	98.73 -6.81 -8.20	110.76 -9.92 -3.97	113.95 -10.61 -2.57	123.23 -14.30 0.00	126.94 -14.58 0.00	133.22 -16.46 0.00	122.56 -15.30 -4.82	115.28 -18.12 -3.06	118.75 -21.81 -3.41	90.77 -13.48 5.31	86.41 -13.25 0.70	79.97 -11.24 -3.41	78.37 -11.47 -2.30	77.12 -11.26 -1.11	78.46 -11.19 -2.22	79.80 -9.81 -2.00	74.72 -10.80 2.29	86.65 -9.79 -8.27	81.31 -10.59 -3.65	76.42 -11.13 -5.73	76.49 -9.36 -9.16	69.40 -8.92 -5.21	71.25 -8.02 -6.98	72.81 -7.00 -7.65
NIAGARA____ 23760	99.05 -6.52 -8.22	111.35 -9.34 -3.98	114.57 -10.00 -2.58	124.20 -13.34 0.00	128.07 -13.45 0.00	135.02 -14.66 0.00	124.56 -13.30 -4.83	116.72 -16.68 -3.07	121.77 -18.78 -3.41	91.14 -13.37 5.05	86.68 -13.04 0.62	80.93 -10.27 -3.41	79.32 -10.51 -2.30	77.91 -10.48 -1.11	79.07 -10.58 -2.21	79.14 -10.52 -2.04	75.01 -10.72 2.09	86.88 -9.52 -8.24	82.70 -9.27 -3.71	77.79 -9.74 -5.72	77.24 -8.59 -9.14	70.05 -8.26 -5.20	71.90 -7.37 -6.98	73.26 -6.57 -7.67
NINE_MILE_1 23575	97.64 -3.02 -3.31	114.35 -3.97 -1.61	118.76 -4.27 -1.04	132.31 -5.23 0.00	136.14 -5.38 0.00	143.99 -5.69 0.00	130.20 -4.78 -1.95	128.31 -5.22 -3.20	132.41 -5.63 -0.89	107.85 -4.16 -2.46	97.75 -4.02 -1.42	85.93 -3.25 -1.38	85.27 -3.42 -1.15	85.00 -3.41 -1.13	85.49 -3.41 -1.46	85.37 -3.42 -1.17	85.54 -3.34 -1.07	85.35 -3.09 -0.28	86.08 -3.09 -0.92	79.62 -3.11 -0.92	75.77 -2.84 -1.91	71.12 -2.78 -0.79	70.65 -2.67 -1.03	72.58 -2.67 -3.09
NINE_MILE_2 23744	97.64 -3.02 -3.31	114.35 -3.97 -1.60	118.76 -4.27 -1.04	132.31 -5.23 0.00	136.14 -5.38 0.00	143.99 -5.69 0.00	130.20 -4.78 -1.95	128.31 -5.22 -3.19	132.41 -5.63 -0.89	107.85 -4.16 -2.45	97.75 -4.02 -1.41	85.93 -3.25 -1.38	85.27 -3.42 -1.15	84.99 -3.41 -1.12	85.48 -3.41 -1.46	85.37 -3.42 -1.17	85.54 -3.34 -1.07	85.35 -3.09 -0.28	86.08 -3.09 -0.92	79.62 -3.11 -0.92	75.76 -2.84 -1.91	71.12 -2.78 -0.79	70.65 -2.67 -1.03	72.65 -2.59 -3.09
NM_CAPITAL__DRP 24208	167.53 4.19 -66.00	153.69 5.02 -31.96	147.92 5.25 -20.68	143.45 5.91 0.00	147.17 5.66 0.00	155.82 6.14 0.00	177.18 5.32 -38.83	198.91 4.95 -63.62	206.26 5.49 -63.63	163.07 4.60 -48.91	133.15 4.62 -28.18	119.47 4.21 -27.46	114.72 4.20 -22.99	113.89 4.19 -22.43	120.66 4.11 -29.11	150.46 4.03 -58.82	192.13 3.95 -100.37	284.85 3.97 -192.72	262.51 3.97 -170.28	241.62 3.52 -156.29	197.29 3.37 -117.23	199.07 3.22 -122.74	175.21 3.25 -99.66	136.92 3.17 -61.59

NM_CENTRAL___DRP 24181	101.23 -0.88 -4.76	117.38 -1.63 -2.30	121.65 -1.83 -1.49	135.06 -2.48 0.00	138.97 -2.55 0.00	146.84 -2.84 0.00	133.70 -2.13 -2.80	132.31 -2.61 -4.58	135.41 -3.02 -1.28	111.11 -1.97 -3.52	100.28 -2.11 -2.03	88.28 -1.49 -1.98	87.52 -1.66 -1.66	87.23 -1.66 -1.62	87.78 -1.75 -2.10	87.72 -1.58 -1.68	87.76 -1.58 -1.53	87.50 -1.06 -0.40	88.25 -1.32 -1.32	81.65 -1.47 -1.32	78.21 -1.23 -2.75	72.93 -1.32 -1.14	72.54 -1.23 -1.48	75.37 -1.23 -4.44
NM_FRONTIER___DRP 24179	98.73 -6.81 -8.20	110.76 -9.92 -3.97	113.95 -10.61 -2.57	123.23 -14.30 0.00	126.94 -14.58 0.00	133.22 -16.46 0.00	122.56 -15.30 -4.82	115.28 -18.12 -3.06	118.75 -21.81 -3.41	90.77 -13.48 5.31	86.41 -13.25 0.70	79.97 -11.24 -3.41	78.37 -11.47 -2.30	77.12 -11.26 -1.11	78.46 -11.19 -2.22	79.80 -9.81 -2.00	74.72 -10.80 2.29	86.65 -9.79 -8.27	81.31 -10.59 -3.65	76.42 -11.13 -5.73	76.49 -9.36 -9.16	69.40 -8.92 -5.21	71.25 -8.02 -6.98	72.81 -7.00 -7.65
NM_ST_REGIS___HYD 24053	95.98 -1.36 0.00	115.66 -1.05 0.00	121.02 -0.98 0.00	136.85 -0.69 0.00	141.09 -0.42 0.00	148.63 -1.05 0.00	130.77 -2.26 0.00	129.29 -1.04 0.00	135.78 -1.37 0.00	107.59 -1.97 0.00	99.45 -0.90 0.00	86.57 -1.23 0.00	86.65 -0.88 0.00	86.31 -0.96 0.00	86.56 -0.87 0.00	86.48 -1.14 0.00	86.93 -0.88 0.00	86.22 -1.94 0.00	86.40 -1.85 0.00	80.58 -1.23 0.00	75.15 -1.53 0.00	72.16 -0.95 0.00	71.14 -1.16 0.00	71.51 -0.65 0.00
NORTHPORT___1 23551	158.70 7.50 -53.86	152.01 9.22 -26.08	148.75 9.88 -16.88	148.40 10.86 0.00	152.13 10.62 0.00	159.27 9.59 0.00	173.89 9.17 -31.69	191.65 9.39 -51.92	178.11 10.42 -30.54	157.91 8.44 -39.92	137.20 8.63 -28.22	122.54 7.63 -27.10	114.70 7.61 -19.56	116.28 7.59 -21.42	124.21 7.52 -29.25	140.81 7.36 -45.83	154.18 7.28 -59.08	185.84 7.41 -90.27	173.42 7.41 -77.74	159.00 6.62 -70.57	151.07 6.14 -68.25	146.81 5.92 -67.78	141.65 6.00 -63.36	135.45 5.77 -57.52
NORTHPORT___2 23552	158.70 7.50 -53.86	152.01 9.22 -26.08	148.75 9.88 -16.88	148.40 10.86 0.00	152.13 10.62 0.00	159.27 9.59 0.00	173.89 9.17 -31.69	191.65 9.39 -51.92	178.11 10.42 -30.54	157.91 8.44 -39.92	137.20 8.63 -28.22	122.54 7.63 -27.10	114.70 7.61 -19.56	116.28 7.59 -21.42	124.21 7.52 -29.25	140.81 7.36 -45.83	154.18 7.28 -59.08	185.84 7.41 -90.27	173.42 7.41 -77.74	159.00 6.62 -70.57	151.07 6.14 -68.25	146.81 5.92 -67.78	141.65 6.00 -63.36	135.45 5.77 -57.52
NORTHPORT___3 23553	156.85 5.64 -53.86	150.38 7.58 -26.08	147.53 8.66 -16.88	146.89 9.36 0.00	150.00 8.49 0.00	156.72 7.04 0.00	171.77 7.05 -31.69	189.55 7.29 -51.92	175.92 8.23 -30.54	158.34 8.87 -39.92	137.91 9.33 -28.22	123.07 8.17 -27.10	115.05 7.96 -19.56	116.64 7.94 -21.42	124.56 7.87 -29.25	141.34 7.89 -45.83	155.24 8.35 -59.08	186.92 8.55 -90.20	174.68 8.74 -77.68	160.15 7.78 -70.57	152.07 7.13 -68.25	147.47 6.58 -67.78	142.16 6.51 -63.36	135.74 6.06 -57.52
NORTHPORT___4 23650	156.85 5.64 -53.86	150.38 7.58 -26.08	147.53 8.66 -16.88	146.89 9.36 0.00	150.00 8.49 0.00	156.72 7.04 0.00	171.77 7.05 -31.69	189.55 7.29 -51.92	175.92 8.23 -30.54	158.34 8.87 -39.92	137.91 9.33 -28.22	123.07 8.17 -27.10	115.05 7.96 -19.56	116.64 7.94 -21.42	124.56 7.87 -29.25	141.34 7.89 -45.83	155.24 8.35 -59.08	186.92 8.55 -90.20	174.68 8.74 -77.68	160.15 7.78 -70.57	152.07 7.13 -68.25	147.47 6.58 -67.78	142.16 6.51 -63.36	135.74 6.06 -57.52
NORTHPORT___IC 23718	159.67 8.47 -53.86	152.71 9.92 -26.08	149.24 10.37 -16.88	148.40 10.87 0.00	151.98 10.47 0.00	159.86 10.18 0.00	175.23 10.51 -31.69	192.68 10.43 -51.92	179.21 11.52 -30.54	158.46 8.98 -39.92	137.10 8.53 -28.22	122.63 7.73 -27.10	114.70 7.62 -19.56	116.20 7.51 -21.42	124.12 7.43 -29.25	140.81 7.36 -45.83	154.00 7.11 -59.08	185.75 7.32 -90.27	173.33 7.33 -77.74	158.92 6.54 -70.57	151.07 6.13 -68.25	146.74 5.85 -67.78	141.65 6.00 -63.36	135.45 5.77 -57.52
NORTH___COUNTRY_ESR 323785	95.30 -2.05 0.00	114.84 -1.87 0.00	120.28 -1.71 0.00	136.03 -1.51 0.00	140.24 -1.28 0.00	148.18 -1.50 0.00	130.64 -2.39 0.00	129.16 -1.18 0.00	135.64 -1.51 0.00	107.59 -1.97 0.00	99.15 -1.20 0.00	86.48 -1.31 0.00	86.48 -1.05 0.00	86.05 -1.22 0.00	86.30 -1.14 0.00	86.30 -1.31 0.00	86.40 -1.41 0.00	86.05 -2.12 0.00	85.70 -2.56 0.00	79.60 -2.20 0.00	74.39 -2.30 0.00	71.06 -2.05 0.00	70.05 -2.24 0.00	70.42 -1.73 0.00
NPX_GEN_1385_PROXY 323591	159.38 8.18 -53.86	152.71 9.91 -26.08	149.36 10.49 -16.88	149.22 11.68 0.00	152.84 11.33 0.00	160.00 10.32 0.00	174.17 9.45 -31.69	192.29 10.04 -51.92	178.25 10.56 -30.54	156.70 7.23 -39.92	135.00 6.43 -28.22	121.40 6.50 -27.10	113.83 6.74 -19.56	115.68 6.98 -21.42	123.69 7.00 -29.25	139.41 5.96 -45.83	153.48 6.59 -59.08	184.69 6.26 -90.27	172.09 6.09 -77.74	158.10 5.72 -70.57	149.91 4.98 -68.25	145.50 4.61 -67.78	140.71 5.06 -63.36	134.73 5.05 -57.52
NPX_GEN_CSC 323557	162.30 11.09 -53.86	155.63 12.84 -26.08	152.17 13.30 -16.88	151.97 14.44 0.00	155.95 14.44 0.00	164.19 14.51 0.00	180.95 16.22 -31.69	198.15 15.90 -51.92	184.83 17.14 -30.54	159.77 10.30 -39.92	140.11 11.54 -28.22	124.56 9.66 -27.10	116.19 9.10 -19.56	117.60 8.91 -21.42	124.64 7.96 -29.25	141.68 8.23 -45.83	157.16 10.27 -59.08	189.63 11.20 -90.27	177.91 11.91 -77.74	162.02 9.65 -70.57	153.37 8.44 -68.25	148.35 7.46 -67.78	143.89 8.24 -63.36	138.26 8.58 -57.52
NSINS_S___GLNS_FALLS 23858	174.61 9.25 -68.01	160.39 10.74 -32.94	155.02 11.71 -21.31	150.47 12.93 0.00	154.67 13.16 0.00	163.90 14.22 0.00	186.22 13.17 -40.02	208.67 12.77 -65.57	238.23 13.71 -87.36	170.59 10.63 -50.41	138.63 9.23 -29.05	123.82 7.73 -28.30	118.84 7.62 -23.69	117.80 7.42 -23.11	125.05 7.61 -30.00	173.05 7.97 -77.46	237.45 8.61 -141.03	394.37 8.64 -297.57	354.53 8.56 -257.72	326.15 7.69 -236.65	242.30 7.21 -158.40	262.87 7.02 -182.74	219.46 6.87 -140.30	142.26 6.64 -63.47
NUCOR_STEEL___DRP 24197	104.38 0.49 -6.54	119.76 -0.12 -3.17	123.80 -0.24 -2.05	136.71 -0.83 0.00	140.66 -0.85 0.00	148.63 -1.05 0.00	136.35 -0.53 -3.85	137.87 -1.04 -8.57	138.17 -1.37 -2.40	113.84 -0.66 -4.94	102.70 -1.00 -3.36	89.99 -0.53 -2.72	89.37 -0.70 -2.54	89.50 -0.79 -3.01	90.19 -0.79 -3.54	89.95 -0.53 -2.86	89.48 -0.44 -2.11	88.80 0.09 -0.55	89.90 -0.18 -1.81	83.90 -0.41 -2.50	80.16 -0.31 -3.78	74.78 -0.44 -2.11	73.97 -0.36 -2.04	77.90 -0.36 -6.11
NUMBER_THREE_WT_PWR 323818	101.93 2.72 -1.86	120.77 3.15 -0.90	125.74 3.17 -0.58	140.83 3.30 0.00	144.77 3.26 0.00	153.72 4.04 0.00	136.93 2.80 -1.10	134.99 2.86 -1.79	140.25 2.60 -0.50	112.80 1.86 -1.38	102.45 1.30 -0.80	89.27 0.70 -0.77	88.09 -0.09 -0.65	87.91 0.00 -0.63	88.34 0.09 -0.82	88.72 0.44 -0.66	89.47 1.06 -0.60	89.64 1.32 -0.16	90.10 1.33 -0.52	83.14 0.82 -0.52	78.45 0.69 -1.08	74.14 0.58 -0.44	73.09 0.22 -0.58	74.11 0.22 -1.74
NYISO_LBMP_REFERENCE 24008	97.35 0.00 0.00	116.71 0.00 0.00	121.99 0.00 0.00	137.54 0.00 0.00	141.51 0.00 0.00	149.68 0.00 0.00	133.03 0.00 0.00	130.34 0.00 0.00	137.15 0.00 0.00	109.56 0.00 0.00	100.35 0.00 0.00	87.80 0.00 0.00	87.53 0.00 0.00	87.27 0.00 0.00	87.44 0.00 0.00	87.62 0.00 0.00	87.81 0.00 0.00	88.16 0.00 0.00	88.26 0.00 0.00	81.81 0.00 0.00	76.69 0.00 0.00	73.11 0.00 0.00	72.29 0.00 0.00	72.15 0.00 0.00

NYPA_BRENTWD____GT 24164	161.03 9.83 -53.86	154.46 11.67 -26.08	151.07 12.20 -16.88	151.02 13.49 0.00	154.68 13.16 0.00	162.40 12.72 0.00	177.49 12.77 -31.69	195.16 12.91 -51.92	181.68 14.00 -30.54	160.10 10.62 -39.92	139.20 10.63 -28.22	124.21 9.30 -27.10	116.19 9.10 -19.56	117.69 8.99 -21.42	125.52 8.83 -29.25	142.29 8.85 -45.83	156.46 9.57 -59.08	188.40 9.96 -90.28	176.16 10.15 -77.75	161.21 8.84 -70.57	152.98 8.05 -68.25	148.42 7.53 -67.78	143.24 7.59 -63.36	137.04 7.36 -57.52
NYPA_GOWANUS____GT5 24156	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NYPA_GOWANUS____GT6 24157	207.05 8.76 -100.94	179.06 9.91 -52.43	176.87 10.01 -44.87	175.87 10.59 -27.74	182.08 10.90 -29.67	183.32 11.08 -22.56	213.75 10.77 -69.95	229.67 10.81 -88.53	243.95 12.35 -94.45	227.86 10.52 -107.79	202.13 8.63 -93.14	174.66 7.55 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.72 7.35 -83.94	196.63 7.09 -101.92	204.14 7.55 -108.78	225.52 7.94 -129.42	218.71 8.03 -122.42	232.62 7.20 -143.61	207.86 6.60 -124.58	178.87 6.21 -99.55	178.74 5.85 -100.60	185.64 5.34 -108.15
NYPA_HARLEM__RVR__GT1 24160	159.50 8.27 -53.89	152.62 9.81 -26.10	148.75 9.88 -16.88	147.86 10.32 0.00	152.13 10.62 0.00	160.15 10.47 0.00	174.98 10.24 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.54	159.24 9.75 -39.94	131.49 8.12 -23.01	117.32 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	118.03 6.82 -23.77	125.49 6.39 -31.48	139.51 6.67 -45.03	155.74 7.41 -60.17	154.02 7.50 -58.27	141.47 6.30 -53.36	141.31 5.83 -58.79	123.79 5.71 -44.97	122.24 5.49 -44.46	127.63 5.20 -50.28
NYPA_HARLEM__RVR__GT2 24161	159.50 8.27 -53.89	152.62 9.81 -26.10	148.75 9.88 -16.88	147.86 10.32 0.00	152.13 10.62 0.00	160.15 10.47 0.00	174.98 10.24 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.54	159.24 9.75 -39.94	131.49 8.12 -23.01	117.32 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	118.03 6.82 -23.77	125.49 6.39 -31.48	139.51 6.67 -45.03	155.74 7.41 -60.17	154.02 7.50 -58.27	141.47 6.30 -53.36	141.31 5.83 -58.79	123.79 5.71 -44.97	122.24 5.49 -44.46	127.63 5.20 -50.28
NYPA_KENT____GT 24152	186.74 8.57 -80.83	167.69 9.81 -41.18	164.91 10.01 -32.91	164.01 10.59 -15.88	169.25 10.75 -16.99	173.52 10.92 -12.92	197.28 10.65 -53.60	213.91 10.69 -72.89	220.99 12.20 -71.64	203.53 10.41 -83.56	172.04 8.53 -63.16	150.25 7.46 -54.99	145.07 7.35 -50.19	144.11 7.16 -49.68	152.82 7.17 -58.22	166.35 6.92 -71.81	176.72 6.92 -81.53	195.74 7.76 -99.82	191.11 7.85 -95.00	193.79 6.95 -105.04	179.59 6.44 -96.46	155.32 6.00 -76.22	154.60 5.71 -76.60	160.83 5.26 -83.41
NYPA_POUCH1____GT 24155	206.56 8.27 -100.94	178.49 9.34 -52.43	176.26 9.39 -44.87	82.19 9.91 65.26	181.23 10.05 -29.67	182.42 10.18 -22.56	213.09 10.11 -69.95	229.03 10.17 -88.53	243.39 11.80 -94.45	227.42 10.07 -107.79	201.62 8.12 -93.14	174.22 7.11 -79.31	168.19 7.01 -73.65	165.39 6.81 -71.31	178.28 6.91 -83.94	196.19 6.66 -101.92	203.79 7.20 -108.78	225.17 7.58 -129.42	218.35 7.67 -122.42	232.29 6.87 -143.61	207.56 6.29 -124.58	178.51 5.85 -99.55	178.38 5.49 -100.60	185.28 4.97 -108.15
NYPA_VERNON____GT2 24162	166.63 8.57 -60.71	156.44 9.81 -29.92	152.94 10.01 -20.94	152.29 10.73 -4.02	156.71 10.90 -4.30	164.03 11.08 -3.27	180.93 10.65 -37.25	198.27 10.69 -57.25	198.04 12.07 -48.82	179.19 10.30 -59.33	141.96 8.43 -33.18	125.84 7.38 -30.67	121.52 7.26 -26.73	120.59 7.07 -26.25	127.10 7.17 -32.49	136.24 6.92 -41.70	149.38 7.28 -54.29	165.96 7.58 -70.21	163.50 7.67 -67.57	155.05 6.79 -66.46	151.32 6.29 -68.34	131.92 5.92 -52.89	130.60 5.71 -52.60	136.02 5.20 -58.67
NYPA_VERNON____GT3 24163	166.63 8.57 -60.71	156.44 9.81 -29.92	152.94 10.01 -20.94	152.29 10.73 -4.02	156.71 10.90 -4.30	164.03 11.08 -3.27	180.93 10.65 -37.25	198.27 10.69 -57.25	198.04 12.07 -48.82	179.19 10.30 -59.33	141.96 8.43 -33.18	125.84 7.38 -30.67	121.52 7.26 -26.73	120.59 7.07 -26.25	127.10 7.17 -32.49	136.24 6.92 -41.70	149.38 7.28 -54.29	165.96 7.58 -70.21	163.50 7.67 -67.57	155.05 6.79 -66.46	151.32 6.29 -68.34	131.92 5.92 -52.89	130.60 5.71 -52.60	136.02 5.20 -58.67
NYPA__ASTORIA_CC1 323568	159.80 8.57 -53.89	152.73 9.91 -26.10	148.88 10.01 -16.88	148.27 10.73 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.65 -31.70	192.83 10.55 -51.94	188.84 12.07 -39.62	169.31 10.19 -49.56	131.79 8.43 -23.01	117.59 7.38 -22.42	113.56 7.26 -18.77	112.65 7.07 -18.31	118.28 7.08 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.82 7.49 -60.17	154.12 7.59 -58.27	141.89 6.71 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.46 5.71 -44.46	127.63 5.20 -50.28
NYPA__ASTORIA_CC2 323569	159.80 8.57 -53.89	152.73 9.91 -26.10	148.88 10.01 -16.88	148.27 10.73 0.00	152.41 10.90 0.00	160.76 11.08 0.00	175.38 10.65 -31.70	192.83 10.55 -51.94	188.84 12.07 -39.62	169.31 10.19 -49.56	131.79 8.43 -23.01	117.59 7.38 -22.42	113.56 7.26 -18.77	112.65 7.07 -18.31	118.28 7.08 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.82 7.49 -60.17	154.12 7.59 -58.27	141.89 6.71 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.46 5.71 -44.46	127.63 5.20 -50.28
NYPA__HOLTSVILL 23794	162.49 11.29 -53.86	155.86 13.07 -26.08	152.41 13.54 -16.88	152.40 14.86 0.00	156.23 14.72 0.00	164.50 14.82 0.00	180.68 15.96 -31.69	198.15 15.90 -51.92	184.69 17.00 -30.54	160.65 11.18 -39.92	140.41 11.84 -28.22	124.91 10.01 -27.10	116.55 9.46 -19.56	118.04 9.34 -21.42	125.43 8.74 -29.25	142.48 9.03 -45.83	157.78 10.89 -59.08	190.07 11.64 -90.27	178.09 12.09 -77.74	162.60 10.22 -70.57	153.98 9.04 -68.25	149.00 8.11 -67.78	144.11 8.45 -63.36	138.26 8.58 -57.52
NYPA__HELLGATE_GT1 24158	159.50 8.27 -53.89	152.62 9.81 -26.10	148.75 9.88 -16.88	147.86 10.32 0.00	152.13 10.62 0.00	160.15 10.47 0.00	174.98 10.24 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.54	159.24 9.75 -39.94	131.49 8.12 -23.01	117.32 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	118.03 6.82 -23.77	125.49 6.39 -31.48	139.51 6.67 -45.03	155.74 7.41 -60.17	154.02 7.50 -58.27	141.47 6.30 -53.36	141.31 5.83 -58.79	123.79 5.71 -44.97	122.24 5.49 -44.46	127.63 5.20 -50.28
NYPA__HELLGATE_GT2 24159	159.50 8.27 -53.89	152.62 9.81 -26.10	148.75 9.88 -16.88	147.86 10.32 0.00	152.13 10.62 0.00	160.15 10.47 0.00	174.98 10.24 -31.70	192.31 10.04 -51.94	179.07 11.38 -30.54	159.24 9.75 -39.94	131.49 8.12 -23.01	117.32 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	118.03 6.82 -23.77	125.49 6.39 -31.48	139.51 6.67 -45.03	155.74 7.41 -60.17	154.02 7.50 -58.27	141.47 6.30 -53.36	141.31 5.83 -58.79	123.79 5.71 -44.97	122.24 5.49 -44.46	127.63 5.20 -50.28
NYS_BARGE__HYD 23848	98.52 -6.82 -7.99	110.90 -9.69 -3.87	114.13 -10.37 -2.50	123.78 -13.75 0.00	127.65 -13.86 0.00	134.57 -15.11 0.00	123.77 -13.97 -4.70	116.62 -16.81 -3.10	121.43 -19.06 -3.34	92.69 -13.15 3.71	87.13 -12.94 0.28	80.59 -10.54 -3.33	79.10 -10.68 -2.25	77.72 -10.65 -1.10	78.86 -10.76 -2.18	79.13 -10.60 -2.12	76.23 -10.54 1.04	86.51 -9.70 -8.05	83.25 -8.91 -3.90	78.57 -8.84 -5.59	77.02 -8.59 -8.92	69.78 -8.41 -5.08	71.56 -7.52 -6.79	72.98 -6.64 -7.46

OAK ORCHARD___HYD 24046	101.70 -2.24 -6.59	115.93 -3.97 -3.19	119.78 -4.27 -2.07	130.94 -6.60 0.00	134.86 -6.65 0.00	142.50 -7.18 0.00	131.06 -5.85 -3.88	125.73 -7.82 -3.22	128.58 -9.46 -0.89	108.06 -6.36 -4.86	95.99 -6.42 -2.06	86.33 -4.21 -2.74	84.91 -4.56 -1.94	83.88 -4.54 -1.15	84.80 -4.64 -2.00	84.56 -4.65 -1.59	84.66 -5.36 -2.21	85.19 -3.53 -0.55	86.22 -3.88 -1.84	78.08 -4.66 -0.93	76.97 -3.53 -3.81	70.34 -3.58 -0.81	71.16 -3.18 -2.05	75.49 -2.82 -6.15
OAKDALE___35_KV_LOAD 356122	115.22 0.68 -17.19	125.15 0.12 -8.32	127.38 0.00 -5.39	137.12 -0.41 0.00	141.09 -0.42 0.00	149.08 -0.60 0.00	142.61 -0.53 -10.11	142.11 -1.30 -13.08	145.76 -1.10 -9.71	121.50 -0.66 -12.60	105.82 -1.00 -6.48	94.07 -0.88 -7.15	92.07 -1.05 -5.59	90.86 -1.05 -4.63	92.96 -1.05 -6.57	96.67 -0.88 -9.93	103.80 0.00 -16.00	111.15 -0.18 -23.16	110.26 0.18 -21.83	100.51 -0.65 -19.36	96.46 -0.61 -20.38	88.14 -0.73 -15.76	87.45 -0.65 -15.81	87.69 -0.51 -16.04
OCC_CHEM___DRP 24175	98.84 -6.72 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.17 0.00	127.22 -14.29 0.00	133.51 -16.17 0.00	122.83 -15.03 -4.83	115.41 -17.99 -3.06	118.90 -21.67 -3.42	90.82 -13.37 5.37	86.39 -13.25 0.72	80.15 -11.06 -3.42	78.54 -11.29 -2.30	77.30 -11.08 -1.10	78.64 -11.02 -2.22	79.89 -9.73 -2.00	74.76 -10.71 2.33	86.75 -9.70 -8.29	81.30 -10.59 -3.63	76.59 -10.96 -5.74	76.66 -9.20 -9.17	69.48 -8.85 -5.21	71.33 -7.95 -6.99	72.96 -6.85 -7.66
OH_GEN_PROXY 24063	99.06 -6.43 -8.14	111.43 -9.22 -3.94	114.67 -9.88 -2.55	124.47 -13.07 0.00	128.21 -13.31 0.00	135.16 -14.52 0.00	124.79 -13.03 -4.79	117.18 -16.30 -3.14	122.33 -18.24 -3.42	92.59 -13.04 3.93	87.20 -12.85 0.31	81.17 -10.01 -3.39	79.50 -10.33 -2.30	78.20 -10.21 -1.14	79.35 -10.32 -2.23	79.60 -10.25 -2.23	76.21 -10.45 1.15	87.12 -9.26 -8.21	83.42 -9.00 -4.17	78.12 -9.41 -5.72	77.42 -8.36 -9.09	70.19 -8.12 -5.19	72.06 -7.16 -6.93	73.33 -6.42 -7.60
OLIN_CORP_DRP 24177	97.95 -7.69 -8.29	110.11 -10.62 -4.01	113.12 -11.47 -2.60	122.55 -14.99 0.00	126.37 -15.14 0.00	132.77 -16.91 0.00	122.35 -15.56 -4.88	115.92 -17.46 -3.05	118.78 -21.81 -3.44	90.02 -14.24 5.30	85.70 -13.95 0.70	79.83 -11.41 -3.45	78.21 -11.64 -2.32	76.94 -11.43 -1.10	78.29 -11.37 -2.22	79.63 -9.99 -2.00	73.88 -11.68 2.25	86.49 -10.05 -8.38	80.45 -11.47 -3.67	76.30 -11.29 -5.79	76.45 -9.51 -9.27	69.23 -9.14 -5.26	71.11 -8.24 -7.06	72.53 -7.36 -7.74
OLIN_CORP_DSASP 323712	98.93 -6.62 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.16 0.00	127.23 -14.29 0.00	133.97 -15.71 0.00	123.23 -14.63 -4.83	115.54 -17.85 -3.06	120.27 -20.30 -3.42	90.82 -13.37 5.37	86.59 -13.04 0.72	80.15 -11.06 -3.42	78.63 -11.20 -2.30	77.21 -11.17 -1.10	78.37 -11.28 -2.22	78.31 -11.30 -2.00	74.67 -10.80 2.33	86.13 -10.31 -8.29	82.71 -9.18 -3.63	77.81 -9.74 -5.74	76.58 -9.28 -9.17	69.40 -8.92 -5.21	71.33 -7.95 -6.99	72.96 -6.86 -7.66
ONEIDA_HERK_LFGE 323681	102.35 3.41 -1.60	121.46 3.97 -0.78	126.40 3.90 -0.50	141.66 4.12 0.00	145.62 4.11 0.00	154.61 4.93 0.00	138.23 4.26 -0.94	135.92 4.04 -1.54	141.69 4.11 -0.43	114.03 3.28 -1.19	103.64 2.60 -0.68	90.49 2.02 -0.67	89.75 1.66 -0.56	89.47 1.65 -0.54	89.89 1.75 -0.71	90.20 2.02 -0.57	90.78 2.46 -0.52	90.94 2.64 -0.13	91.35 2.65 -0.44	84.38 2.12 -0.44	79.45 1.84 -0.93	75.17 1.68 -0.38	74.24 1.45 -0.50	75.02 1.37 -1.49
ONEIDA___115KV_TB4 55905	104.21 3.80 -3.07	122.28 4.08 -1.49	127.22 4.27 -0.96	141.94 4.40 0.00	146.04 4.53 0.00	154.92 5.24 0.00	139.63 4.79 -1.81	137.73 4.43 -2.96	142.64 4.66 -0.83	115.56 3.72 -2.28	104.67 3.01 -1.31	91.62 2.55 -1.28	90.88 2.28 -1.07	90.59 2.27 -1.04	91.15 2.36 -1.35	91.42 2.72 -1.09	91.78 2.99 -0.99	91.68 3.26 -0.26	92.29 3.18 -0.85	85.11 2.45 -0.85	80.76 2.30 -1.77	75.89 2.05 -0.73	75.06 1.81 -0.96	76.82 1.80 -2.86
ONONDAGA_REF_OCCRA 23987	102.94 -0.29 -5.89	118.63 -0.93 -2.85	122.74 -1.10 -1.84	135.89 -1.65 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	135.17 -1.33 -3.46	135.80 -1.82 -7.28	137.13 -2.06 -2.04	112.78 -1.21 -4.43	101.86 -1.40 -2.91	89.28 -0.97 -2.45	88.63 -1.14 -2.23	88.70 -1.13 -2.56	89.27 -1.22 -3.06	89.04 -1.05 -2.47	88.83 -0.88 -1.90	88.22 -0.44 -0.49	89.18 -0.71 -1.63	83.02 -0.90 -2.11	79.32 -0.77 -3.40	74.03 -0.88 -1.80	73.33 -0.80 -1.83	76.85 -0.79 -5.49
ONONDAGA___COGEN 23986	102.52 -0.29 -5.47	118.43 -0.93 -2.65	122.61 -1.10 -1.71	135.89 -1.65 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	134.92 -1.33 -3.22	133.78 -1.82 -5.27	136.56 -2.06 -1.47	112.29 -1.31 -4.05	101.28 -1.40 -2.33	89.11 -0.97 -2.27	88.30 -1.14 -1.90	88.00 -1.13 -1.86	88.71 -1.14 -2.41	88.50 -1.05 -1.94	88.60 -0.97 -1.76	88.09 -0.53 -0.46	88.98 -0.79 -1.52	82.42 -0.90 -1.52	79.08 -0.77 -3.16	73.61 -0.80 -1.31	73.20 -0.80 -1.70	76.46 -0.79 -5.10
ONTARIO___LFGE 23819	105.31 0.20 -7.77	119.31 -1.17 -3.76	122.97 -1.46 -2.44	134.92 -2.62 0.00	139.11 -2.41 0.00	146.24 -3.44 0.00	135.61 -1.99 -4.57	127.78 -3.25 -0.69	135.24 -4.52 -2.62	119.58 -2.73 -12.76	101.12 -2.81 -3.58	89.36 -1.67 -3.23	87.45 -2.01 -1.93	85.55 -2.00 -0.28	86.80 -2.10 -1.46	89.80 -1.93 -4.11	98.82 -1.76 -12.76	94.77 -1.23 -7.84	97.43 -1.06 -10.23	85.02 -1.56 -4.77	84.14 -1.23 -8.68	76.05 -1.46 -4.40	77.53 -1.38 -6.62	78.33 -1.08 -7.25
ORANGEVILLE_WT_PWR 323706	102.94 -4.28 -9.88	114.85 -6.65 -4.78	117.64 -7.45 -3.09	127.78 -9.76 0.00	131.60 -9.91 0.00	138.61 -11.07 0.00	128.47 -10.38 -5.81	119.68 -12.77 -2.11	126.76 -14.12 -3.73	58.43 -11.06 40.07	79.28 -10.84 10.23	82.95 -8.96 -4.11	80.84 -9.28 -2.59	78.72 -9.34 -0.79	80.21 -9.44 -2.22	75.14 -9.37 3.10	48.84 -8.26 30.71	89.77 -8.55 -10.15	72.28 -7.77 8.21	80.68 -7.69 -6.57	80.01 -7.82 -11.14	71.36 -7.75 -6.00	73.72 -7.08 -8.51	74.95 -6.42 -9.22
ORANGEVILLE___ESR 323794	102.94 -4.28 -9.88	114.85 -6.65 -4.78	117.64 -7.45 -3.09	127.78 -9.76 0.00	131.60 -9.91 0.00	138.61 -11.07 0.00	128.47 -10.38 -5.81	119.68 -12.77 -2.11	126.76 -14.12 -3.73	58.43 -11.06 40.07	79.28 -10.84 10.23	82.95 -8.96 -4.11	80.84 -9.28 -2.59	78.72 -9.34 -0.79	80.21 -9.44 -2.22	75.14 -9.37 3.10	48.84 -8.26 30.71	89.77 -8.55 -10.15	72.28 -7.77 8.21	80.68 -7.69 -6.57	80.01 -7.82 -11.14	71.36 -7.75 -6.00	73.72 -7.08 -8.51	74.95 -6.42 -9.22
OSWEGATCHIE___HYD 24044	98.82 0.10 -1.38	117.73 0.35 -0.67	122.79 0.37 -0.43	137.95 0.41 0.00	141.94 0.43 0.00	150.13 0.45 0.00	133.18 -0.66 -0.81	131.66 0.00 -1.33	137.11 -0.41 -0.37	109.70 -0.88 -1.02	100.44 -0.50 -0.59	87.58 -0.79 -0.57	86.96 -1.05 -0.48	86.70 -1.04 -0.47	87.08 -0.96 -0.61	87.31 -0.79 -0.49	87.90 -0.35 -0.44	87.67 -0.61 -0.12	87.84 -0.80 -0.38	81.45 -0.74 -0.38	76.71 -0.77 -0.79	73.00 -0.44 -0.33	72.00 -0.72 -0.43	72.94 -0.50 -1.28
OSWEGO___5 23606	98.95 -2.24 -3.84	115.43 -3.15 -1.86	119.91 -3.29 -1.20	133.41 -4.12 0.00	137.27 -4.24 0.00	145.19 -4.49 0.00	131.43 -3.86 -2.26	129.86 -4.18 -3.70	133.66 -4.52 -1.03	109.00 -3.40 -2.84	98.68 -3.31 -1.64	86.76 -2.63 -1.60	86.06 -2.80 -1.34	85.78 -2.80 -1.30	86.33 -2.80 -1.69	86.26 -2.72 -1.36	86.32 -2.72 -1.24	86.11 -2.38 -0.32	86.94 -2.38 -1.06	80.34 -2.54 -1.06	76.68 -2.23 -2.22	71.83 -2.19 -0.92	71.39 -2.10 -1.19	73.64 -2.09 -3.58

OSWEGO___6 23613	98.95 -2.24 -3.84	115.43 -3.15 -1.86	119.91 -3.29 -1.20	133.41 -4.12 0.00	137.27 -4.24 0.00	145.19 -4.49 0.00	131.43 -3.86 -2.26	129.86 -4.18 -3.70	133.66 -4.52 -1.03	109.00 -3.40 -2.84	98.68 -3.31 -1.64	86.76 -2.63 -1.60	86.06 -2.80 -1.34	85.78 -2.80 -1.30	86.33 -2.80 -1.69	86.26 -2.72 -1.36	86.32 -2.72 -1.24	86.11 -2.38 -0.32	86.94 -2.38 -1.06	80.34 -2.54 -1.06	76.68 -2.23 -2.22	71.83 -2.19 -0.92	71.39 -2.10 -1.19	73.64 -2.09 -3.58
OUTOKUMPU-AB___DRP 24206	99.76 -5.94 -8.35	112.12 -8.64 -4.05	115.22 -9.39 -2.62	125.02 -12.52 0.00	128.92 -12.59 0.00	135.31 -14.37 0.00	124.51 -13.44 -4.91	117.46 -15.90 -3.03	121.67 -18.93 -3.45	91.61 -12.16 5.78	87.47 -12.04 0.84	81.62 -9.66 -3.48	79.97 -9.89 -2.33	78.59 -9.77 -1.09	79.96 -9.71 -2.23	80.79 -8.76 -1.94	76.13 -9.04 2.63	88.41 -8.20 -8.45	82.87 -8.91 -3.53	78.06 -9.57 -5.82	77.98 -8.05 -9.34	70.65 -7.75 -5.29	72.47 -6.94 -7.12	73.89 -6.06 -7.80
OXBOW___BTM 323836	99.59 -6.04 -8.28	111.85 -8.88 -4.01	114.82 -9.76 -2.60	124.33 -13.20 0.00	128.21 -13.31 0.00	135.16 -14.52 0.00	124.34 -13.57 -4.87	116.69 -16.68 -3.04	121.66 -18.93 -3.44	91.47 -12.49 5.59	87.22 -12.35 0.78	80.97 -10.27 -3.45	79.43 -10.42 -2.32	78.07 -10.30 -1.10	79.16 -10.49 -2.22	79.15 -10.43 -1.96	75.57 -9.75 2.49	87.10 -9.43 -8.37	83.45 -8.39 -3.58	78.84 -8.75 -5.78	77.43 -8.51 -9.26	70.10 -8.26 -5.25	71.97 -7.37 -7.05	73.53 -6.35 -7.73
OXBOW____ 24026	99.50 -6.13 -8.28	111.74 -8.99 -4.01	114.83 -9.76 -2.60	124.33 -13.20 0.00	128.21 -13.30 0.00	134.56 -15.12 0.00	123.80 -14.10 -4.87	116.70 -16.68 -3.04	120.56 -20.02 -3.44	91.37 -12.60 5.59	87.13 -12.44 0.78	80.97 -10.27 -3.45	79.35 -10.50 -2.32	78.07 -10.30 -1.10	79.43 -10.23 -2.22	80.47 -9.11 -1.96	75.57 -9.75 2.49	87.80 -8.73 -8.37	82.30 -9.53 -3.58	77.44 -10.14 -5.78	77.43 -8.51 -9.26	70.17 -8.19 -5.25	72.05 -7.30 -7.05	73.53 -6.35 -7.73
OXY_CHEM_DSASP 323612	98.84 -6.72 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.17 0.00	127.22 -14.29 0.00	133.51 -16.17 0.00	122.83 -15.03 -4.83	115.41 -17.99 -3.06	118.90 -21.67 -3.42	90.82 -13.37 5.37	86.39 -13.25 0.72	80.15 -11.06 -3.42	78.54 -11.29 -2.30	77.30 -11.08 -1.10	78.64 -11.02 -2.22	79.89 -9.73 -2.00	74.76 -10.71 2.33	86.75 -9.70 -8.29	81.30 -10.59 -3.63	76.59 -10.96 -5.74	76.66 -9.20 -9.17	69.48 -8.85 -5.21	71.33 -7.95 -6.99	72.96 -6.85 -7.66
OZONE_PARK_ESR 323760	160.37 9.15 -53.87	153.19 10.39 -26.09	149.49 10.61 -16.88	148.82 11.28 0.00	153.12 11.60 0.00	161.65 11.97 0.00	176.17 11.44 -31.70	193.61 11.34 -51.94	180.73 13.03 -30.55	160.33 10.85 -39.93	132.09 8.73 -23.01	117.94 7.73 -22.41	113.82 7.53 -18.77	113.00 7.42 -18.31	118.55 7.34 -23.77	126.46 7.36 -31.48	140.49 7.64 -45.04	156.26 7.93 -60.16	154.46 7.94 -58.26	142.29 7.12 -53.37	142.08 6.60 -58.80	124.22 6.14 -44.97	122.60 5.86 -44.46	127.84 5.41 -50.27
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	98.84 -6.72 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.17 0.00	127.22 -14.29 0.00	133.51 -16.17 0.00	122.83 -15.03 -4.83	115.41 -17.99 -3.06	118.90 -21.67 -3.42	90.82 -13.37 5.37	86.39 -13.25 0.72	80.15 -11.06 -3.42	78.54 -11.29 -2.30	77.30 -11.08 -1.10	78.64 -11.02 -2.22	79.89 -9.73 -2.00	74.76 -10.71 2.33	86.75 -9.70 -8.29	81.30 -10.59 -3.63	76.59 -10.96 -5.74	76.66 -9.20 -9.17	69.48 -8.85 -5.21	71.33 -7.95 -6.99	72.96 -6.85 -7.66
PACKARD___115KV_DUPONT_184 80571	98.84 -6.72 -8.21	111.00 -9.69 -3.98	114.07 -10.49 -2.57	123.37 -14.17 0.00	127.22 -14.29 0.00	133.51 -16.17 0.00	122.83 -15.03 -4.83	115.41 -17.99 -3.06	118.90 -21.67 -3.42	90.82 -13.37 5.37	86.39 -13.25 0.72	80.15 -11.06 -3.42	78.54 -11.29 -2.30	77.30 -11.08 -1.10	78.64 -11.02 -2.22	79.89 -9.73 -2.00	74.76 -10.71 2.33	86.75 -9.70 -8.29	81.30 -10.59 -3.63	76.59 -10.96 -5.74	76.66 -9.20 -9.17	69.48 -8.85 -5.21	71.33 -7.95 -6.99	72.96 -6.85 -7.66
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	159.80 8.57 -53.89	152.85 10.04 -26.10	149.00 10.13 -16.88	147.99 10.45 0.00	152.41 10.90 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.57 10.30 -51.94	179.49 11.79 -30.54	159.36 9.86 -39.94	131.49 8.13 -23.01	117.33 7.11 -22.42	113.30 7.00 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.59 6.48 -31.48	139.61 6.76 -45.04	155.74 7.41 -60.17	153.94 7.41 -58.27	141.48 6.30 -53.37	141.39 5.90 -58.80	123.78 5.70 -44.97	122.25 5.49 -44.46	127.63 5.20 -50.28
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	160.68 9.44 -53.89	153.78 10.97 -26.10	150.10 11.22 -16.88	149.23 11.69 0.00	153.54 12.03 0.00	161.80 12.12 0.00	176.31 11.57 -31.70	193.61 11.34 -51.94	180.58 12.89 -30.54	160.23 10.74 -39.94	132.29 8.93 -23.01	118.12 7.90 -22.42	114.00 7.70 -18.77	113.18 7.59 -18.31	118.72 7.52 -23.77	126.37 7.27 -31.48	140.49 7.64 -45.04	156.62 8.29 -60.17	154.73 8.21 -58.27	142.22 7.04 -53.37	142.01 6.52 -58.80	124.44 6.36 -44.97	122.90 6.14 -44.46	128.28 5.84 -50.28
PATROON___115KV_TB1 80586	168.03 4.28 -66.40	153.89 5.02 -32.15	148.05 5.25 -20.81	143.59 6.05 0.00	147.31 5.80 0.00	155.97 6.29 0.00	177.55 5.45 -39.07	199.43 5.08 -64.01	210.17 5.76 -67.26	163.48 4.71 -49.21	133.32 4.62 -28.36	119.64 4.21 -27.63	114.95 4.29 -23.13	114.11 4.28 -22.56	120.92 4.20 -29.29	153.33 4.03 -61.69	198.44 4.04 -106.59	300.88 4.06 -208.67	275.91 4.06 -183.59	253.93 3.60 -168.53	203.68 3.45 -123.55	208.21 3.22 -131.89	181.42 3.25 -105.87	137.29 3.17 -61.96
PATTRSNVILLE___SOLAR 323815	172.66 5.35 -69.96	156.77 6.18 -33.88	150.38 6.46 -21.92	144.68 7.15 0.00	148.73 7.21 0.00	157.46 7.78 0.00	181.51 7.31 -41.16	204.68 6.90 -67.44	236.33 7.26 -91.92	166.77 5.37 -51.85	134.54 4.31 -29.88	120.51 3.60 -29.11	115.49 3.59 -24.37	114.63 3.58 -23.77	122.05 3.76 -30.86	173.00 4.12 -81.26	241.25 4.83 -148.62	409.31 4.93 -316.21	366.83 4.94 -273.64	337.72 4.58 -251.34	247.31 4.14 -166.48	270.76 3.95 -193.71	223.98 3.83 -147.86	141.05 3.61 -65.29
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	100.06 -6.42 -9.13	112.27 -8.87 -4.42	115.10 -9.76 -2.86	126.67 -10.87 0.00	130.76 -10.75 0.00	137.26 -12.42 0.00	125.24 -13.17 -5.37	119.13 -14.21 -3.00	127.43 -13.44 -3.72	92.62 -10.96 5.98	89.12 -10.34 0.89	81.59 -10.01 -3.80	79.81 -10.24 -2.52	78.33 -10.04 -1.09	79.64 -10.14 -2.35	80.12 -9.64 -2.14	80.10 -5.18 2.53	88.84 -8.64 -9.32	87.15 -5.21 -4.10	78.98 -9.16 -6.34	78.52 -8.44 -10.26	70.68 -8.19 -5.76	72.61 -7.52 -7.83	73.82 -6.85 -8.52
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	160.16 8.37 -54.44	152.88 9.80 -26.36	149.18 10.13 -17.06	148.54 11.00 0.00	152.83 11.32 0.00	161.50 11.82 0.00	176.37 11.31 -32.03	193.90 11.08 -52.48	180.60 12.48 -30.97	160.31 10.41 -40.35	132.53 8.93 -23.25	118.18 7.73 -22.65	114.11 7.62 -18.96	113.28 7.51 -18.50	118.88 7.43 -24.02	127.22 7.71 -31.89	141.49 7.99 -45.69	157.70 8.29 -61.25	155.63 8.12 -59.25	143.29 7.20 -54.28	143.03 6.75 -59.59	125.32 6.51 -45.70	123.68 6.29 -45.10	128.59 5.63 -50.81
PEEKSKILL____ 23653	157.48 6.81 -53.32	150.47 7.94 -25.82	146.75 8.05 -16.71	146.35 8.81 0.00	150.29 8.78 0.00	158.81 9.13 0.00	173.05 8.64 -31.37	190.34 8.60 -51.40	177.12 9.74 -30.24	157.30 8.22 -39.52	130.15 7.02 -22.77	116.13 6.14 -22.18	112.14 6.03 -18.57	111.33 5.94 -18.12	116.82 5.86 -23.52	124.65 5.87 -31.16	138.53 6.14 -44.58	154.05 6.35 -59.54	152.35 6.44 -57.66	140.35 5.72 -52.82	140.17 5.29 -58.19	122.59 4.97 -44.51	121.14 4.84 -44.00	126.24 4.33 -49.76

PGE MADISON___WINDPWR 24146	124.90 10.90 -16.65	136.91 12.14 -8.06	139.41 12.20 -5.22	150.61 13.07 0.00	154.68 13.16 0.00	164.95 15.27 0.00	157.07 14.24 -9.79	168.54 13.68 -24.52	165.35 14.00 -14.21	135.98 11.29 -15.13	119.36 9.13 -9.87	102.01 7.28 -6.93	100.95 6.65 -6.77	102.42 6.55 -8.60	103.87 6.64 -9.79	109.05 7.44 -13.99	116.96 9.05 -20.10	126.06 9.25 -28.65	125.04 9.62 -27.16	116.26 7.85 -26.60	105.89 6.90 -22.30	100.80 6.00 -21.69	95.58 5.42 -17.87	92.95 5.26 -15.54
PIERCEFIELD___HYD 23852	95.69 -1.65 0.00	115.31 -1.40 0.00	120.65 -1.34 0.00	136.44 -1.10 0.00	140.66 -0.85 0.00	148.18 -1.50 0.00	130.24 -2.79 0.00	128.64 -1.69 0.00	135.09 -2.06 0.00	107.04 -2.52 0.00	99.05 -1.30 0.00	86.22 -1.58 0.00	86.22 -1.31 0.00	85.97 -1.31 0.00	86.12 -1.31 0.00	86.13 -1.49 0.00	86.49 -1.32 0.00	85.78 -2.38 0.00	86.14 -2.12 0.00	80.25 -1.55 0.00	74.92 -1.76 0.00	72.01 -1.10 0.00	71.06 -1.23 0.00	71.43 -0.72 0.00
PINELAWN_CC_1 323563	159.87 8.66 -53.86	153.07 10.27 -26.08	149.72 10.85 -16.88	149.37 11.83 0.00	153.12 11.61 0.00	160.91 11.23 0.00	175.76 11.04 -31.69	193.33 11.07 -51.92	180.04 12.35 -30.54	159.44 9.97 -39.92	138.21 9.63 -28.22	123.33 8.43 -27.10	115.32 8.23 -19.56	116.81 8.12 -21.42	124.82 8.13 -29.25	141.60 8.15 -45.83	155.50 8.61 -59.08	187.43 8.90 -90.37	175.19 9.09 -77.84	160.40 8.02 -70.57	152.30 7.36 -68.25	147.76 6.87 -67.78	142.38 6.72 -63.36	136.03 6.35 -57.52
PJM_GEN_HTP_PROXY 323702	159.01 7.79 -53.87	151.79 8.99 -26.09	148.03 9.15 -16.88	147.45 9.91 0.00	151.56 10.05 0.00	159.86 10.18 0.00	174.57 9.84 -31.69	192.05 9.78 -51.93	178.80 11.10 -30.55	159.01 9.53 -39.92	131.19 7.83 -23.01	117.06 6.85 -22.41	113.03 6.74 -18.76	112.13 6.55 -18.30	117.76 6.56 -23.76	125.58 6.48 -31.48	139.60 6.76 -45.03	155.28 6.96 -60.15	153.57 7.06 -58.25	141.47 6.30 -53.36	141.30 5.83 -58.79	123.48 5.41 -44.96	121.95 5.21 -44.45	127.18 4.76 -50.27
PJM_GEN_KEystone 24065	67.98 0.78 30.14	62.92 0.23 54.03	61.49 0.00 60.50	63.51 -0.55 73.48	64.30 -0.56 76.65	66.43 -0.89 82.36	82.56 -0.79 49.68	104.75 -1.82 23.76	72.76 -1.51 62.88	62.70 -0.65 46.20	53.15 -1.20 46.00	44.18 -0.96 42.65	40.18 -1.14 46.21	38.93 -1.22 47.12	37.60 -1.22 48.61	38.86 -1.05 47.71	56.70 -0.09 31.02	76.72 -0.53 10.92	76.13 -0.09 12.04	68.28 -0.24 13.28	66.95 -0.77 8.97	56.09 -0.87 16.14	54.50 -0.72 17.07	53.25 -0.65 18.25
PJM_GEN_NEPTUNE_PROXY 323594	158.60 7.39 -53.86	151.55 8.76 -26.08	148.14 9.27 -16.88	147.57 10.03 0.00	151.42 9.90 0.00	159.27 9.59 0.00	173.89 9.17 -31.69	191.65 9.39 -51.92	178.25 10.56 -30.54	158.46 8.99 -39.92	134.49 8.32 -25.81	120.02 7.28 -24.94	113.90 7.18 -19.19	114.32 7.07 -19.98	121.23 7.08 -26.72	133.84 7.01 -39.21	147.69 7.28 -52.60	171.41 7.58 -75.67	163.93 7.59 -68.08	151.22 6.79 -62.62	146.85 6.29 -63.88	136.21 5.85 -57.25	132.63 5.71 -54.63	131.67 5.34 -54.17
PJM_GEN_VFT_PROXY 323633	36.84 7.39 67.90	54.20 8.41 70.92	52.59 8.66 78.06	52.71 9.22 94.04	53.93 9.34 96.92	58.07 9.44 101.05	45.65 9.17 96.56	56.95 9.25 82.64	29.65 10.56 118.06	26.27 9.09 92.38	22.06 7.13 85.42	29.44 6.23 64.59	27.61 6.13 66.05	26.73 6.02 66.56	26.56 6.03 66.90	18.76 5.87 74.73	14.71 6.14 79.24	17.86 6.35 76.65	15.74 6.44 78.96	14.25 5.81 73.37	13.97 5.29 68.00	24.30 4.97 53.78	33.14 4.70 43.85	30.68 4.26 45.73
PLATSBURG_115KV_PMLD1 355749	96.86 -0.49 0.00	116.60 -0.12 0.00	121.99 0.00 0.00	137.95 0.41 0.00	142.22 0.71 0.00	150.28 0.60 0.00	131.97 -1.06 0.00	130.21 -0.13 0.00	136.87 -0.27 0.00	108.57 -0.99 0.00	100.05 -0.30 0.00	87.27 -0.53 0.00	87.27 -0.26 0.00	86.93 -0.35 0.00	87.09 -0.35 0.00	87.00 -0.61 0.00	87.28 -0.53 0.00	86.84 -1.32 0.00	86.85 -1.41 0.00	80.66 -1.15 0.00	75.15 -1.53 0.00	71.72 -1.39 0.00	70.63 -1.66 0.00	71.36 -0.79 0.00
PLEASANTVLY___LBMP 24000	160.11 6.62 -56.15	151.61 7.70 -27.19	147.52 7.93 -17.60	145.93 8.39 0.00	150.15 8.63 0.00	158.66 8.98 0.00	174.58 8.51 -33.03	192.67 8.21 -54.13	178.37 9.33 -31.90	158.84 7.67 -41.61	130.95 6.62 -23.98	116.95 5.79 -23.36	112.78 5.69 -19.56	112.03 5.67 -19.08	117.80 5.60 -24.77	126.17 5.70 -32.86	140.65 5.80 -47.04	157.14 6.00 -62.98	155.12 5.91 -60.95	142.88 5.24 -55.84	142.98 4.91 -61.38	124.81 4.68 -47.03	123.28 4.55 -46.43	128.81 4.26 -52.40
PLSNTVLE_13_KV_13.8KVDIST 80602	159.01 7.40 -54.27	151.51 8.52 -26.28	147.78 8.78 -17.01	146.89 9.35 0.00	151.14 9.62 0.00	159.71 10.03 0.00	174.41 9.45 -31.93	191.90 9.25 -52.32	178.47 10.56 -30.77	158.54 8.76 -40.22	130.85 7.33 -23.18	116.87 6.50 -22.58	112.74 6.30 -18.90	111.91 6.20 -18.44	117.58 6.21 -23.94	125.54 6.22 -31.71	139.66 6.50 -45.36	155.43 6.70 -60.57	153.62 6.71 -58.66	141.43 5.89 -53.74	141.42 5.52 -59.21	123.58 5.19 -45.28	122.12 5.06 -44.77	127.41 4.62 -50.64
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	159.01 7.40 -54.27	151.51 8.52 -26.28	147.78 8.78 -17.01	146.89 9.35 0.00	151.14 9.62 0.00	159.71 10.03 0.00	174.41 9.45 -31.93	191.90 9.25 -52.32	178.47 10.56 -30.77	158.54 8.76 -40.22	130.85 7.33 -23.18	116.87 6.50 -22.58	112.74 6.30 -18.90	111.91 6.20 -18.44	117.58 6.21 -23.94	125.54 6.22 -31.71	139.66 6.50 -45.36	155.43 6.70 -60.57	153.62 6.71 -58.66	141.43 5.89 -53.74	141.42 5.52 -59.21	123.58 5.19 -45.28	122.12 5.06 -44.77	127.41 4.62 -50.64
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	159.90 7.50 -55.06	152.13 8.75 -26.66	148.27 9.03 -17.25	147.30 9.77 0.00	151.56 10.05 0.00	160.16 10.48 0.00	175.14 9.71 -32.39	192.93 9.51 -53.08	179.58 10.70 -31.74	159.13 8.76 -40.81	131.39 7.53 -23.51	117.20 6.50 -22.91	113.10 6.39 -19.18	112.27 6.28 -18.71	117.93 6.21 -24.29	126.59 6.40 -32.57	141.40 6.67 -46.92	158.96 6.96 -63.83	156.72 6.97 -61.49	144.28 6.14 -56.34	143.42 5.75 -60.98	125.81 5.41 -47.29	123.89 5.28 -46.33	128.37 4.83 -51.38
POLETTI_____ 23519	159.40 8.18 -53.87	152.02 9.22 -26.09	148.39 9.52 -16.88	147.71 10.18 0.00	151.84 10.33 0.00	160.16 10.48 0.00	174.84 10.11 -31.70	192.31 10.04 -51.94	179.22 11.52 -30.55	159.24 9.75 -39.93	130.99 7.63 -23.01	116.97 6.76 -22.41	112.86 6.56 -18.77	112.04 6.46 -18.31	117.58 6.38 -23.77	125.39 6.31 -31.47	139.42 6.59 -45.02	153.73 6.79 -58.77	149.35 6.71 -54.39	141.21 6.05 -53.35	141.14 5.67 -58.78	123.34 5.26 -44.97	121.74 4.99 -44.46	126.97 4.55 -50.27
POMONA___ESR 323819	155.83 6.52 -51.96	149.35 7.48 -25.16	145.97 7.69 -16.28	145.79 8.25 0.00	149.86 8.35 0.00	158.21 8.53 0.00	171.72 8.12 -30.57	188.51 8.08 -50.09	175.79 9.19 -29.45	155.85 7.78 -38.51	129.16 6.62 -22.19	115.21 5.79 -21.62	111.32 5.69 -18.10	110.52 5.59 -17.66	115.87 5.51 -22.92	123.49 5.52 -30.35	137.02 5.79 -43.42	152.11 6.00 -57.95	150.47 6.09 -56.13	138.62 5.40 -51.42	138.35 4.98 -56.68	121.12 4.68 -43.33	119.63 4.48 -42.85	124.68 4.04 -48.49
PORT_JEFF_3 23555	162.78 11.58 -53.86	156.21 13.42 -26.08	152.77 13.90 -16.88	152.80 15.26 0.00	156.66 15.15 0.00	164.79 15.11 0.00	181.08 16.36 -31.69	198.41 16.16 -51.92	185.11 17.42 -30.54	161.08 11.61 -39.92	140.71 12.14 -28.22	125.17 10.27 -27.10	116.89 9.80 -19.56	118.30 9.60 -21.42	125.78 9.09 -29.25	142.83 9.38 -45.83	158.13 11.24 -59.08	190.25 11.82 -90.27	178.26 12.26 -77.74	162.93 10.56 -70.57	154.29 9.35 -68.25	149.29 8.40 -67.78	144.40 8.74 -63.36	138.48 8.80 -57.52

PORT_JEFF_4 23616	162.78 11.58 -53.86	156.21 13.42 -26.08	152.77 13.90 -16.88	152.80 15.26 0.00	156.66 15.15 0.00	164.79 15.11 0.00	181.08 16.36 -31.69	198.41 16.16 -51.92	185.11 17.42 -30.54	161.08 11.61 -39.92	140.71 12.14 -28.22	125.17 10.27 -27.10	116.89 9.80 -19.56	118.30 9.60 -21.42	125.78 9.09 -29.25	142.83 9.38 -45.83	158.13 11.24 -59.08	190.25 11.82 -90.27	178.26 12.26 -77.74	162.93 10.56 -70.57	154.29 9.35 -68.25	149.29 8.40 -67.78	144.40 8.74 -63.36	138.48 8.80 -57.52
PORT_JEFF_IC 23713	164.25 13.04 -53.86	157.50 14.71 -26.08	153.75 14.88 -16.88	153.35 15.82 0.00	157.50 15.99 0.00	166.44 16.76 0.00	182.55 17.83 -31.69	200.11 17.86 -51.92	187.03 19.34 -30.54	161.85 12.38 -39.92	140.71 12.14 -28.22	125.26 10.36 -27.10	116.89 9.80 -19.56	118.38 9.69 -21.42	126.66 9.97 -29.25	142.91 9.46 -45.83	158.04 11.15 -59.08	190.07 11.64 -90.27	177.56 11.56 -77.74	162.77 10.39 -70.57	154.29 9.36 -68.25	150.10 9.21 -67.78	144.40 8.75 -63.36	138.48 8.80 -57.52
PPL_PILGRIM_ST_GT1 24216	161.03 9.83 -53.86	154.46 11.67 -26.08	151.07 12.20 -16.88	151.02 13.49 0.00	154.68 13.16 0.00	162.40 12.72 0.00	177.49 12.77 -31.69	195.16 12.91 -51.92	181.68 14.00 -30.54	160.10 10.62 -39.92	139.20 10.63 -28.22	124.21 9.30 -27.10	116.19 9.10 -19.56	117.69 8.99 -21.42	125.52 8.83 -29.25	142.29 8.85 -45.83	156.46 9.57 -59.08	188.40 9.96 -90.28	176.16 10.15 -77.75	161.21 8.84 -70.57	152.98 8.05 -68.25	148.42 7.53 -67.78	143.24 7.59 -63.36	137.04 7.36 -57.52
PPL_PILGRIM_ST_GT2 24217	161.03 9.83 -53.86	154.46 11.67 -26.08	151.07 12.20 -16.88	151.02 13.49 0.00	154.68 13.16 0.00	162.40 12.72 0.00	177.49 12.77 -31.69	195.16 12.91 -51.92	181.68 14.00 -30.54	160.10 10.62 -39.92	139.20 10.63 -28.22	124.21 9.30 -27.10	116.19 9.10 -19.56	117.69 8.99 -21.42	125.52 8.83 -29.25	142.29 8.85 -45.83	156.46 9.57 -59.08	188.40 9.96 -90.28	176.16 10.15 -77.75	161.21 8.84 -70.57	152.98 8.05 -68.25	148.42 7.53 -67.78	143.24 7.59 -63.36	137.04 7.36 -57.52
PPL_SHRM_GT3 24213	162.49 11.29 -53.86	155.75 12.95 -26.08	152.29 13.42 -16.88	152.26 14.72 0.00	156.09 14.58 0.00	164.50 14.82 0.00	181.21 16.49 -31.69	198.41 16.16 -51.92	185.11 17.42 -30.54	159.99 10.52 -39.92	140.21 11.64 -28.22	124.65 9.74 -27.10	116.28 9.19 -19.56	117.69 8.99 -21.42	124.82 8.13 -29.25	141.78 8.33 -45.83	157.34 10.44 -59.08	189.89 11.46 -90.27	178.09 12.09 -77.74	162.19 9.81 -70.57	153.60 8.66 -68.25	148.56 7.67 -67.78	144.04 8.38 -63.36	138.40 8.73 -57.52
PPL_SHRM_GT4 24214	162.49 11.29 -53.86	155.75 12.95 -26.08	152.29 13.42 -16.88	152.26 14.72 0.00	156.09 14.58 0.00	164.50 14.82 0.00	181.21 16.49 -31.69	198.41 16.16 -51.92	185.11 17.42 -30.54	159.99 10.52 -39.92	140.21 11.64 -28.22	124.65 9.74 -27.10	116.28 9.19 -19.56	117.69 8.99 -21.42	124.82 8.13 -29.25	141.78 8.33 -45.83	157.34 10.44 -59.08	189.89 11.46 -90.27	178.09 12.09 -77.74	162.19 9.81 -70.57	153.60 8.66 -68.25	148.56 7.67 -67.78	144.04 8.38 -63.36	138.40 8.73 -57.52
PROJECT___ORANGE 1 24174	101.29 -0.88 -4.82	117.53 -1.52 -2.34	121.80 -1.71 -1.51	135.06 -2.48 0.00	138.97 -2.55 0.00	146.99 -2.69 0.00	133.74 -2.13 -2.84	132.38 -2.61 -4.65	135.43 -3.02 -1.30	111.27 -1.86 -3.57	100.40 -2.01 -2.06	88.31 -1.49 -2.01	87.55 -1.66 -1.68	87.25 -1.66 -1.64	87.90 -1.66 -2.13	87.83 -1.49 -1.71	87.87 -1.49 -1.55	87.60 -0.97 -0.40	88.27 -1.32 -1.34	81.75 -1.39 -1.34	78.25 -1.23 -2.78	73.02 -1.24 -1.15	72.56 -1.23 -1.50	75.43 -1.23 -4.50
PROJECT___ORANGE 2 24166	101.29 -0.88 -4.82	117.53 -1.52 -2.34	121.80 -1.71 -1.51	135.06 -2.48 0.00	138.97 -2.55 0.00	146.99 -2.69 0.00	133.74 -2.13 -2.84	132.38 -2.61 -4.65	135.43 -3.02 -1.30	111.27 -1.86 -3.57	100.40 -2.01 -2.06	88.31 -1.49 -2.01	87.55 -1.66 -1.68	87.25 -1.66 -1.64	87.90 -1.66 -2.13	87.83 -1.49 -1.71	87.87 -1.49 -1.55	87.60 -0.97 -0.40	88.27 -1.32 -1.34	81.75 -1.39 -1.34	78.25 -1.23 -2.78	73.02 -1.24 -1.15	72.56 -1.23 -1.50	75.43 -1.23 -4.50
PUCKETT___SOLAR 323809	118.43 3.31 -17.77	128.58 3.26 -8.60	130.73 3.17 -5.57	140.70 3.17 0.00	144.77 3.26 0.00	153.27 3.59 0.00	146.82 3.33 -10.45	150.07 2.61 -17.13	151.39 2.60 -11.64	124.80 2.08 -13.17	109.15 1.21 -7.59	96.07 0.88 -7.39	94.34 0.62 -6.19	94.01 0.69 -6.04	96.06 0.79 -7.84	100.53 1.32 -11.59	107.74 2.37 -17.56	116.79 2.20 -26.42	115.41 2.56 -24.59	106.27 1.96 -22.50	100.16 1.38 -22.09	92.79 1.10 -18.58	90.74 1.09 -17.36	89.89 1.15 -16.58
PYRITES___HYD 24023	97.25 -0.10 0.00	117.18 0.47 0.00	122.48 0.49 0.00	138.64 1.10 0.00	142.79 1.27 0.00	150.73 1.05 0.00	132.77 -0.27 0.00	131.25 0.91 0.00	137.70 0.55 0.00	108.90 -0.66 0.00	100.55 0.20 0.00	87.36 -0.44 0.00	87.36 -0.18 0.00	87.10 -0.17 0.00	87.35 -0.09 0.00	87.53 -0.09 0.00	88.16 0.35 0.00	87.55 -0.62 0.00	87.99 -0.26 0.00	81.81 0.00 0.00	76.38 -0.31 0.00	73.26 0.15 0.00	72.22 -0.07 0.00	72.52 0.36 0.00
QUAKERRD_115KV_BK1 80622	99.80 -3.89 -6.35	114.18 -5.60 -3.07	118.13 -5.86 -1.99	129.28 -8.25 0.00	133.16 -8.35 0.00	140.55 -9.13 0.00	129.05 -7.72 -3.73	124.67 -8.99 -3.33	126.96 -11.11 -0.93	106.81 -7.34 -4.60	95.04 -7.33 -2.02	85.26 -5.18 -2.64	84.00 -5.43 -1.89	83.05 -5.41 -1.19	84.01 -5.42 -1.99	84.03 -5.17 -1.58	83.71 -6.15 -2.04	84.46 -4.23 -0.53	84.02 -6.00 -1.76	77.62 -5.15 -0.97	75.98 -4.37 -3.67	69.56 -4.39 -0.84	70.15 -4.12 -1.98	74.25 -3.82 -5.92
QUENSBRY_115KV_TB8 356137	174.87 9.44 -68.08	160.65 10.97 -32.97	155.28 11.96 -21.34	150.74 13.20 0.00	155.10 13.59 0.00	164.35 14.67 0.00	186.66 13.57 -40.05	209.13 13.16 -65.63	239.12 14.13 -87.84	170.97 10.96 -50.45	138.86 9.43 -29.07	124.02 7.90 -28.32	119.12 7.88 -23.71	118.00 7.59 -23.13	125.25 7.78 -30.03	173.60 8.15 -77.84	238.53 8.87 -141.85	396.73 8.90 -299.66	356.55 8.83 -259.46	328.00 7.94 -238.25	243.36 7.44 -159.23	264.22 7.16 -183.94	220.42 7.01 -141.11	142.47 6.78 -63.53
RAMAPO___LBMP 323565	155.47 6.33 -51.79	149.03 7.24 -25.08	145.67 7.44 -16.23	145.38 7.84 0.00	149.58 8.07 0.00	158.06 8.38 0.00	171.49 7.98 -30.47	188.22 7.95 -49.93	175.55 9.05 -29.35	155.50 7.56 -38.39	128.69 6.22 -22.12	114.88 5.53 -21.55	110.91 5.34 -18.04	110.20 5.32 -17.60	115.53 5.25 -22.85	123.21 5.34 -30.25	136.61 5.53 -43.27	151.64 5.73 -57.75	149.92 5.74 -55.93	138.12 5.07 -51.24	137.94 4.75 -56.50	120.75 4.46 -43.18	119.27 4.27 -42.71	124.38 3.90 -48.33
RANKINE____ 23646	100.88 -5.35 -8.89	113.31 -7.70 -4.30	116.24 -8.54 -2.79	126.67 -10.87 0.00	130.62 -10.90 0.00	137.11 -12.57 0.00	126.16 -12.11 -5.23	118.92 -14.34 -2.92	124.85 -15.91 -3.61	89.79 -11.39 8.38	87.66 -11.14 1.55	82.10 -9.39 -3.70	80.35 -9.63 -2.45	78.82 -9.51 -1.06	80.19 -9.53 -2.29	80.28 -9.02 -1.69	75.38 -7.81 4.61	89.27 -7.93 -9.04	83.60 -7.68 -3.02	78.87 -9.08 -6.15	78.76 -7.90 -9.97	71.10 -7.60 -5.59	73.03 -6.87 -7.61	74.24 -6.21 -8.29
RAVENSWOOD_GT2_1 24244	159.40 8.18 -53.88	152.14 9.34 -26.09	148.39 9.52 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	179.36 11.66 -30.55	159.24 9.75 -39.93	131.19 7.83 -23.01	117.15 6.94 -22.42	113.04 6.74 -18.77	112.22 6.63 -18.31	117.85 6.65 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.56 5.48 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28

RAVENSWOOD_GT2_2 24245	159.40 8.18 -53.88	152.14 9.34 -26.09	148.39 9.52 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	179.36 11.66 -30.55	159.24 9.75 -39.93	131.19 7.83 -23.01	117.15 6.94 -22.42	113.04 6.74 -18.77	112.22 6.63 -18.31	117.85 6.65 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.56 5.48 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28
RAVENSWOOD_GT2_3 24246	159.50 8.27 -53.88	152.14 9.34 -26.09	148.51 9.64 -16.88	147.71 10.18 0.00	151.98 10.47 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.36 11.66 -30.55	159.35 9.86 -39.93	131.29 7.93 -23.01	117.24 7.02 -22.42	113.13 6.83 -18.77	112.30 6.72 -18.31	117.85 6.65 -23.77	125.76 6.66 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.67 7.15 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.64 5.56 -44.97	122.03 5.28 -44.46	127.34 4.91 -50.28
RAVENSWOOD_GT2_4 24247	159.50 8.27 -53.88	152.14 9.34 -26.09	148.51 9.64 -16.88	147.71 10.18 0.00	151.98 10.47 0.00	160.46 10.78 0.00	175.11 10.38 -31.70	192.44 10.17 -51.94	179.36 11.66 -30.55	159.35 9.86 -39.93	131.29 7.93 -23.01	117.24 7.02 -22.42	113.13 6.83 -18.77	112.30 6.72 -18.31	117.85 6.65 -23.77	125.76 6.66 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.67 7.15 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.64 5.56 -44.97	122.03 5.28 -44.46	127.34 4.91 -50.28
RAVENSWOOD_GT3_1 24248	159.40 8.18 -53.88	152.14 9.34 -26.09	148.39 9.52 -16.88	147.71 10.18 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	179.36 11.66 -30.55	159.24 9.75 -39.93	131.29 7.93 -23.01	117.15 6.94 -22.42	113.13 6.83 -18.77	112.22 6.63 -18.31	117.85 6.65 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.64 5.56 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28
RAVENSWOOD_GT3_2 24249	159.40 8.18 -53.88	152.14 9.34 -26.09	148.39 9.52 -16.88	147.71 10.18 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	179.36 11.66 -30.55	159.24 9.75 -39.93	131.29 7.93 -23.01	117.15 6.94 -22.42	113.13 6.83 -18.77	112.22 6.63 -18.31	117.85 6.65 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.64 5.56 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28
RAVENSWOOD_GT3_3 24250	159.60 8.37 -53.88	152.26 9.45 -26.09	148.51 9.64 -16.88	147.85 10.32 0.00	151.98 10.47 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.57 10.30 -51.94	179.49 11.79 -30.55	159.46 9.97 -39.93	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.85 6.75 -31.48	139.79 6.94 -45.04	155.55 7.23 -60.16	153.75 7.24 -58.26	141.56 6.38 -53.37	141.47 5.98 -58.80	123.71 5.63 -44.97	122.10 5.35 -44.46	127.34 4.91 -50.28
RAVENSWOOD_GT3_4 24251	159.60 8.37 -53.88	152.26 9.45 -26.09	148.51 9.64 -16.88	147.85 10.32 0.00	151.98 10.47 0.00	160.61 10.93 0.00	175.24 10.51 -31.70	192.57 10.30 -51.94	179.49 11.79 -30.55	159.46 9.97 -39.93	131.39 8.03 -23.01	117.33 7.11 -22.42	113.21 6.91 -18.77	112.39 6.81 -18.31	117.94 6.73 -23.77	125.85 6.75 -31.48	139.79 6.94 -45.04	155.55 7.23 -60.16	153.75 7.24 -58.26	141.56 6.38 -53.37	141.47 5.98 -58.80	123.71 5.63 -44.97	122.10 5.35 -44.46	127.34 4.91 -50.28
RAVENSWOOD_GT_1 23729	166.82 8.76 -60.71	156.55 9.92 -29.92	153.18 10.25 -20.94	152.29 10.73 -4.02	156.85 11.04 -4.30	164.33 11.38 -3.27	181.19 10.91 -37.25	198.40 10.82 -57.25	198.45 12.48 -48.82	179.30 10.41 -59.33	141.96 8.43 -33.18	125.84 7.38 -30.67	121.52 7.27 -26.73	120.60 7.07 -26.25	127.01 7.08 -32.49	136.24 6.92 -41.70	149.29 7.20 -54.29	166.05 7.67 -70.21	163.42 7.59 -67.57	154.97 6.71 -66.46	151.32 6.29 -68.34	131.92 5.92 -52.89	130.53 5.64 -52.60	136.02 5.20 -58.67
RAVENSWOOD_GT_10 24258	159.40 8.18 -53.88	152.02 9.22 -26.09	148.39 9.52 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	178.44 11.66 -29.63	158.27 9.75 -38.96	131.19 7.83 -23.01	117.15 6.94 -22.42	113.04 6.74 -18.77	112.22 6.63 -18.31	117.76 6.56 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.56 5.48 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28
RAVENSWOOD_GT_11 24259	159.40 8.18 -53.88	152.02 9.22 -26.09	148.39 9.52 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	178.44 11.66 -29.63	158.27 9.75 -38.96	131.19 7.83 -23.01	117.15 6.94 -22.42	113.04 6.74 -18.77	112.22 6.63 -18.31	117.76 6.56 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.56 5.48 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28
RAVENSWOOD_GT_4 24252	164.50 8.08 -59.07	154.93 9.22 -28.99	151.36 9.39 -19.98	150.64 10.04 -3.06	154.98 10.19 -3.28	162.80 10.63 -2.49	179.20 10.24 -35.92	196.35 10.04 -55.98	179.23 11.52 -30.56	159.14 9.64 -39.94	138.93 7.83 -30.75	123.35 6.85 -28.70	119.01 6.65 -24.83	118.18 6.55 -24.36	124.41 6.56 -30.41	133.45 6.57 -39.26	146.65 6.76 -52.08	163.02 7.05 -67.80	160.57 6.97 -65.34	151.36 6.22 -63.34	148.58 5.83 -66.06	129.52 5.41 -51.00	128.16 5.21 -50.66	133.59 4.76 -56.67
RAVENSWOOD_GT_5 24254	164.50 8.08 -59.07	154.93 9.22 -28.99	151.36 9.39 -19.98	150.64 10.04 -3.06	154.98 10.19 -3.28	162.80 10.63 -2.49	179.20 10.24 -35.92	196.35 10.04 -55.98	179.23 11.52 -30.56	159.14 9.64 -39.94	138.93 7.83 -30.75	123.35 6.85 -28.70	119.01 6.65 -24.83	118.18 6.55 -24.36	124.41 6.56 -30.41	133.45 6.57 -39.26	146.65 6.76 -52.08	163.02 7.05 -67.80	160.57 6.97 -65.34	151.36 6.22 -63.34	148.58 5.83 -66.06	129.52 5.41 -51.00	128.16 5.21 -50.66	133.59 4.76 -56.67
RAVENSWOOD_GT_6 24253	164.50 8.08 -59.07	154.93 9.22 -28.99	151.36 9.39 -19.98	150.64 10.04 -3.06	154.98 10.19 -3.28	162.80 10.63 -2.49	179.20 10.24 -35.92	196.35 10.04 -55.98	179.23 11.52 -30.56	159.14 9.64 -39.94	138.93 7.83 -30.75	123.35 6.85 -28.70	119.01 6.65 -24.83	118.18 6.55 -24.36	124.41 6.56 -30.41	133.45 6.57 -39.26	146.65 6.76 -52.08	163.02 7.05 -67.80	160.57 6.97 -65.34	151.36 6.22 -63.34	148.58 5.83 -66.06	129.52 5.41 -51.00	128.16 5.21 -50.66	133.59 4.76 -56.67
RAVENSWOOD_GT_7 24255	164.50 8.08 -59.07	154.93 9.22 -28.99	151.36 9.39 -19.98	150.64 10.04 -3.06	154.98 10.19 -3.28	162.80 10.63 -2.49	179.20 10.24 -35.92	196.35 10.04 -55.98	179.23 11.52 -30.56	159.14 9.64 -39.94	138.93 7.83 -30.75	123.35 6.85 -28.70	119.01 6.65 -24.83	118.18 6.55 -24.36	124.41 6.56 -30.41	133.45 6.57 -39.26	146.65 6.76 -52.08	163.02 7.05 -67.80	160.57 6.97 -65.34	151.36 6.22 -63.34	148.58 5.83 -66.06	129.52 5.41 -51.00	128.16 5.21 -50.66	133.59 4.76 -56.67
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	159.40 8.18 -53.88	152.02 9.22 -26.09	148.39 9.52 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	178.44 11.66 -29.63	158.27 9.75 -38.96	131.19 7.83 -23.01	117.15 6.94 -22.42	113.04 6.74 -18.77	112.22 6.63 -18.31	117.76 6.56 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.56 5.48 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28

RAVENSWOOD_GT_9 24257	159.40 8.18 -53.88	152.02 9.22 -26.09	148.39 9.52 -16.88	147.58 10.04 0.00	151.84 10.33 0.00	160.31 10.63 0.00	174.98 10.24 -31.70	192.44 10.17 -51.94	178.44 11.66 -29.63	158.27 9.75 -38.96	131.19 7.83 -23.01	117.15 6.94 -22.42	113.04 6.74 -18.77	112.22 6.63 -18.31	117.76 6.56 -23.77	125.67 6.57 -31.48	139.70 6.85 -45.04	155.47 7.14 -60.16	153.58 7.06 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.56 5.48 -44.97	122.03 5.28 -44.46	127.27 4.83 -50.28
RAVENSWOOD___1 23533	159.80 8.57 -53.89	152.62 9.81 -26.10	148.75 9.88 -16.88	148.13 10.59 0.00	152.26 10.75 0.00	160.60 10.92 0.00	175.38 10.65 -31.70	192.83 10.55 -51.94	188.85 12.07 -39.63	169.32 10.19 -49.57	131.79 8.43 -23.01	117.59 7.38 -22.42	113.56 7.26 -18.77	112.65 7.07 -18.31	118.28 7.08 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.92 7.58 -60.17	154.12 7.59 -58.27	141.97 6.79 -53.37	141.70 6.21 -58.80	124.00 5.92 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
RAVENSWOOD___2 23534	159.70 8.46 -53.89	152.62 9.81 -26.10	148.75 9.88 -16.88	148.13 10.59 0.00	152.26 10.75 0.00	160.60 10.92 0.00	175.38 10.65 -31.70	192.83 10.55 -51.94	188.67 11.93 -39.60	169.29 10.19 -49.54	131.69 8.32 -23.01	117.50 7.28 -22.42	113.56 7.26 -18.77	112.65 7.07 -18.31	118.28 7.08 -23.77	125.94 6.84 -31.48	140.05 7.20 -45.04	155.82 7.49 -60.17	154.12 7.59 -58.27	141.97 6.79 -53.37	141.70 6.21 -58.80	123.93 5.85 -44.97	122.39 5.64 -44.46	127.63 5.20 -50.28
RAVENSWOOD___3 23535	159.21 7.98 -53.88	152.02 9.22 -26.09	148.27 9.39 -16.88	147.57 10.03 0.00	151.71 10.19 0.00	160.15 10.47 0.00	174.72 9.98 -31.70	192.31 10.04 -51.94	179.08 11.38 -30.55	159.13 9.64 -39.93	131.29 7.93 -23.01	117.15 6.93 -22.42	113.13 6.83 -18.77	112.30 6.72 -18.31	117.85 6.64 -23.77	125.68 6.57 -31.48	139.70 6.85 -45.04	155.38 7.06 -60.16	153.66 7.15 -58.26	141.57 6.39 -53.37	141.39 5.91 -58.80	123.63 5.55 -44.97	122.03 5.27 -44.46	127.27 4.83 -50.28
RAVENSWOOD___4 23820	152.98 8.46 -47.17	148.73 9.68 -22.34	144.76 9.88 -12.89	144.17 10.59 3.96	148.03 10.75 4.24	157.38 10.92 3.22	169.78 10.51 -26.24	187.60 10.55 -46.71	179.62 11.93 -30.54	159.55 10.07 -39.92	121.67 8.32 -12.99	109.37 7.28 -14.29	105.64 7.18 -10.93	104.82 7.07 -10.48	109.69 7.08 -15.17	115.88 6.84 -21.43	130.95 7.20 -35.94	145.93 7.49 -50.28	144.95 7.59 -49.11	129.00 6.71 -40.48	132.30 6.21 -49.41	116.14 5.85 -37.18	114.38 5.64 -36.44	119.29 5.12 -42.01
RCPT_TRUST___DRP 24196	159.39 8.18 -53.87	152.14 9.34 -26.09	148.39 9.52 -16.88	147.71 10.18 0.00	151.84 10.33 0.00	160.46 10.78 0.00	175.10 10.38 -31.69	192.43 10.17 -51.93	179.49 11.79 -30.55	159.34 9.86 -39.92	131.28 7.93 -23.01	117.23 7.02 -22.41	113.12 6.83 -18.76	112.30 6.72 -18.30	117.84 6.65 -23.76	125.75 6.66 -31.48	139.78 6.94 -45.03	155.46 7.14 -60.15	153.66 7.15 -58.25	141.55 6.38 -53.36	141.38 5.90 -58.79	123.63 5.56 -44.96	122.09 5.35 -44.45	127.33 4.91 -50.27
RED___ROCHESTER 323720	102.15 -1.75 -6.55	116.39 -3.50 -3.17	120.39 -3.66 -2.05	131.49 -6.05 0.00	135.43 -6.08 0.00	143.25 -6.43 0.00	131.56 -5.33 -3.86	126.50 -7.04 -3.21	129.26 -8.78 -0.89	108.67 -5.70 -4.82	96.68 -5.72 -2.05	86.92 -3.60 -2.73	85.61 -3.85 -1.93	84.58 -3.84 -1.15	85.40 -4.02 -1.99	85.26 -3.94 -1.58	85.42 -4.57 -2.18	85.98 -2.73 -0.55	87.00 -3.09 -1.83	78.73 -4.01 -0.93	77.56 -2.91 -3.78	70.85 -3.07 -0.81	71.66 -2.67 -2.04	75.89 -2.38 -6.11
REGAN___SOLAR 323812	179.31 9.05 -72.91	162.53 10.51 -35.31	155.94 11.10 -22.85	149.77 12.24 0.00	153.82 12.31 0.00	163.16 13.48 0.00	188.70 12.77 -42.90	212.87 12.25 -70.28	238.32 12.89 -88.28	172.79 9.20 -54.03	138.61 7.13 -31.14	123.92 5.79 -30.33	118.70 5.78 -25.40	117.81 5.76 -24.77	125.81 6.21 -32.16	173.42 6.92 -78.88	238.16 8.43 -141.92	393.90 8.55 -297.19	355.40 8.56 -258.59	327.38 7.93 -237.64	244.52 7.29 -160.54	263.34 6.80 -183.44	219.93 6.51 -141.13	146.32 6.13 -68.04
RENSSELAER___COGEN 23796	166.76 3.70 -65.72	152.86 4.32 -31.82	147.22 4.63 -20.59	142.76 5.23 0.00	146.75 5.24 0.00	155.22 5.54 0.00	176.35 4.65 -38.66	197.98 4.29 -63.35	201.38 4.80 -59.44	162.32 4.06 -48.70	132.43 4.02 -28.06	118.91 3.77 -27.34	114.18 3.76 -22.89	113.36 3.75 -22.33	120.10 3.67 -28.99	146.66 3.51 -55.54	184.51 3.52 -93.19	265.70 3.43 -174.10	246.55 3.53 -154.76	227.03 3.19 -142.03	189.57 2.91 -109.97	187.99 2.78 -112.10	167.58 2.82 -92.47	136.22 2.74 -61.32
REPUBLIC_115KV_BARTNBRK 55605	179.18 13.82 -68.01	165.64 15.99 -32.93	160.51 17.20 -21.31	156.52 18.98 0.00	161.04 19.53 0.00	170.93 21.25 0.00	192.74 19.69 -40.01	215.45 19.55 -65.56	245.20 20.71 -87.34	175.96 16.00 -50.40	143.04 13.65 -29.04	127.42 11.33 -28.30	122.51 11.29 -23.69	121.29 10.91 -23.11	128.72 11.28 -30.00	176.89 11.83 -77.44	241.89 13.08 -141.00	398.61 12.96 -297.49	358.79 12.89 -257.65	330.09 11.70 -236.59	245.95 10.89 -158.37	266.19 10.38 -182.70	222.61 10.05 -140.27	145.36 9.74 -63.47
REVERE_CPPR_DRP 24186	104.73 4.77 -2.61	123.34 5.37 -1.26	128.30 5.49 -0.82	143.31 5.78 0.00	147.31 5.80 0.00	156.42 6.74 0.00	140.69 6.12 -1.53	138.72 5.87 -2.51	143.88 6.03 -0.70	116.42 4.93 -1.93	105.48 4.01 -1.11	92.13 3.25 -1.09	91.33 2.89 -0.91	91.13 2.97 -0.89	91.65 3.06 -1.15	91.96 3.42 -0.92	92.51 3.86 -0.84	92.53 4.14 -0.22	93.13 4.15 -0.72	85.80 3.27 -0.72	81.18 2.99 -1.51	76.44 2.71 -0.62	75.49 2.39 -0.81	76.90 2.31 -2.43
REYNOLDS_115KV_TB3 80639	167.57 4.38 -65.84	153.85 5.25 -31.89	148.12 5.49 -20.63	143.73 6.19 0.00	147.60 6.09 0.00	156.27 6.59 0.00	177.36 5.59 -38.74	199.02 5.21 -63.47	206.07 5.76 -63.16	163.18 4.82 -48.80	133.29 4.82 -28.12	119.58 4.39 -27.39	114.84 4.38 -22.94	114.01 4.36 -22.37	120.85 4.37 -29.05	150.26 4.21 -58.44	191.62 4.21 -99.59	283.13 4.14 -190.82	261.08 4.15 -168.67	240.39 3.76 -154.82	196.62 3.53 -116.41	198.10 3.36 -121.63	174.64 3.47 -98.88	136.99 3.39 -61.44
RIVERBAY____ 323610	160.68 9.44 -53.89	153.78 10.97 -26.10	150.10 11.22 -16.88	149.23 11.69 0.00	153.54 12.03 0.00	161.80 12.12 0.00	176.31 11.57 -31.70	193.61 11.34 -51.94	180.58 12.89 -30.54	160.23 10.74 -39.94	132.29 8.93 -23.01	118.12 7.90 -22.42	114.00 7.70 -18.77	113.18 7.59 -18.31	118.72 7.52 -23.77	126.37 7.27 -31.48	140.49 7.64 -45.04	156.62 8.29 -60.17	154.73 8.21 -58.27	142.22 7.04 -53.37	142.01 6.52 -58.80	124.44 6.36 -44.97	122.90 6.14 -44.46	128.28 5.84 -50.28
RIVERSIDE_115KV_TB3 55908	167.53 4.19 -66.00	153.69 5.02 -31.96	147.92 5.25 -20.68	143.45 5.91 0.00	147.17 5.66 0.00	155.82 6.14 0.00	177.18 5.32 -38.83	198.91 4.95 -63.62	206.26 5.49 -63.63	163.07 4.60 -48.91	133.15 4.62 -28.18	119.47 4.21 -27.46	114.72 4.20 -22.99	113.89 4.19 -22.43	120.66 4.11 -29.11	150.46 4.03 -58.82	192.13 3.95 -100.37	284.85 3.97 -192.72	262.51 3.97 -170.28	241.62 3.52 -156.29	197.29 3.37 -117.23	199.07 3.22 -122.74	175.21 3.25 -99.66	136.92 3.17 -61.59
ROARING___BROOK_WT_PWR 323790	96.08 -1.27 0.00	115.43 -1.28 0.00	120.65 -1.34 0.00	136.16 -1.38 0.00	140.10 -1.41 0.00	148.18 -1.50 0.00	131.30 -1.73 0.00	128.90 -1.43 0.00	135.36 -1.79 0.00	107.80 -1.76 0.00	98.85 -1.50 0.00	86.31 -1.49 0.00	86.13 -1.40 0.00	85.79 -1.48 0.00	85.95 -1.49 0.00	85.95 -1.67 0.00	85.96 -1.85 0.00	85.96 -2.20 0.00	85.79 -2.47 0.00	79.60 -2.20 0.00	74.54 -2.15 0.00	71.14 -1.97 0.00	70.27 -2.02 0.00	70.21 -1.94 0.00

ROCHESRG_115KV_T4 355643	101.03 -2.82 -6.50	115.43 -4.44 -3.15	119.27 -4.76 -2.04	130.39 -7.15 0.00	134.30 -7.22 0.00	141.75 -7.93 0.00	130.21 -6.65 -3.83	125.07 -8.47 -3.21	127.07 -10.97 -0.89	105.63 -6.79 -2.87	94.95 -6.92 -1.52	85.85 -4.65 -2.71	84.54 -4.90 -1.92	83.53 -4.89 -1.15	84.52 -4.90 -1.98	84.34 -4.56 -1.28	82.57 -5.80 -0.56	85.18 -3.53 -0.55	83.79 -5.56 -1.09	77.99 -4.74 -0.93	76.61 -3.83 -3.76	70.04 -3.87 -0.81	70.85 -3.47 -2.02	75.12 -3.10 -6.07
ROCHESTER_9_IC 23652	101.56 -2.34 -6.55	116.03 -3.85 -3.17	119.90 -4.15 -2.05	131.07 -6.46 0.00	135.00 -6.51 0.00	142.35 -7.33 0.00	130.90 -5.99 -3.86	125.72 -7.82 -3.21	127.89 -10.15 -0.89	108.13 -6.24 -4.82	96.08 -6.32 -2.05	86.40 -4.13 -2.73	85.17 -4.29 -1.93	84.06 -4.36 -1.15	85.14 -4.28 -1.99	85.17 -4.03 -1.58	84.80 -5.18 -2.18	85.80 -2.91 -0.55	85.15 -4.94 -1.83	78.57 -4.17 -0.93	77.10 -3.37 -3.78	70.48 -3.44 -0.81	71.30 -3.04 -2.04	75.53 -2.74 -6.11
ROCKVIEW_13_KV_LD 356306	159.11 7.89 -53.88	151.91 9.10 -26.09	148.15 9.27 -16.88	147.44 9.90 0.00	151.70 10.19 0.00	160.31 10.63 0.00	174.84 10.11 -31.70	192.18 9.91 -51.94	179.08 11.38 -30.55	158.91 9.42 -39.93	131.19 7.83 -23.01	117.15 6.94 -22.41	113.04 6.74 -18.77	112.21 6.63 -18.31	117.76 6.56 -23.77	125.76 6.66 -31.48	139.70 6.85 -45.04	155.46 7.14 -60.16	153.66 7.15 -58.26	141.48 6.30 -53.37	141.39 5.90 -58.80	123.63 5.56 -44.97	122.10 5.35 -44.46	127.26 4.83 -50.28
ROME_____115KV_TB2 80656	104.73 4.77 -2.61	123.34 5.37 -1.26	128.30 5.49 -0.82	143.31 5.78 0.00	147.31 5.80 0.00	156.42 6.74 0.00	140.69 6.12 -1.53	138.72 5.87 -2.51	143.88 6.03 -0.70	116.42 4.93 -1.93	105.48 4.01 -1.11	92.13 3.25 -1.09	91.33 2.89 -0.91	91.13 2.97 -0.89	91.65 3.06 -1.15	91.96 3.42 -0.92	92.51 3.86 -0.84	92.53 4.14 -0.22	93.13 4.15 -0.72	85.80 3.27 -0.72	81.18 2.99 -1.51	76.44 2.71 -0.62	75.49 2.39 -0.81	76.90 2.31 -2.43
ROSETON___1 23587	157.43 6.24 -53.85	150.03 7.24 -26.08	146.31 7.44 -16.88	145.51 7.97 0.00	149.57 8.06 0.00	158.06 8.38 0.00	172.70 7.98 -31.68	189.94 7.69 -51.91	176.32 8.79 -30.38	156.81 7.34 -39.91	129.67 6.33 -23.00	115.74 5.53 -22.40	111.72 5.43 -18.76	110.90 5.32 -18.30	116.52 5.33 -23.75	124.31 5.35 -31.35	138.10 5.54 -44.76	153.33 5.73 -59.44	151.64 5.73 -57.65	139.78 5.16 -52.82	139.95 4.76 -58.51	122.12 4.46 -44.55	120.80 4.34 -44.17	126.44 4.04 -50.25
ROSETON___2 23588	157.43 6.24 -53.85	150.03 7.24 -26.08	146.31 7.44 -16.88	145.51 7.97 0.00	149.57 8.06 0.00	158.06 8.38 0.00	172.70 7.98 -31.68	189.94 7.69 -51.91	176.32 8.79 -30.38	156.81 7.34 -39.91	129.67 6.33 -23.00	115.74 5.53 -22.40	111.72 5.43 -18.76	110.90 5.32 -18.30	116.52 5.33 -23.75	124.31 5.35 -31.35	138.10 5.54 -44.76	153.33 5.73 -59.44	151.64 5.73 -57.65	139.78 5.16 -52.82	139.95 4.76 -58.51	122.12 4.46 -44.55	120.80 4.34 -44.17	126.44 4.04 -50.25
ROTRDAM_115KV_TB3 80664	170.75 4.58 -68.83	155.30 5.25 -33.33	149.17 5.61 -21.57	143.59 6.05 0.00	147.60 6.09 0.00	156.27 6.59 0.00	179.52 5.99 -40.50	202.42 5.73 -66.35	236.64 6.17 -93.32	165.39 4.82 -51.01	133.96 4.21 -29.40	120.04 3.60 -28.64	115.10 3.59 -23.98	114.24 3.58 -23.39	121.47 3.67 -30.36	173.65 3.86 -82.18	243.04 4.04 -151.19	415.81 4.14 -323.51	371.81 4.15 -279.41	342.08 3.68 -256.59	248.90 3.45 -168.76	274.05 3.29 -197.65	225.99 3.25 -150.44	139.49 3.10 -64.23
RUSSELL___1 23602	101.95 -1.95 -6.55	116.38 -3.50 -3.17	120.26 -3.78 -2.05	131.49 -6.05 0.00	135.43 -6.09 0.00	142.94 -6.74 0.00	131.30 -5.59 -3.86	126.24 -7.30 -3.21	128.44 -9.60 -0.89	108.68 -5.70 -4.82	96.58 -5.82 -2.05	86.92 -3.60 -2.73	85.61 -3.85 -1.93	84.58 -3.84 -1.15	85.58 -3.85 -1.99	85.69 -3.50 -1.58	85.42 -4.57 -2.18	86.42 -2.29 -0.55	85.68 -4.41 -1.83	79.06 -3.68 -0.93	77.56 -2.91 -3.78	70.92 -3.00 -0.81	71.66 -2.67 -2.04	75.89 -2.38 -6.11
RUSSELL___2 23532	101.95 -1.95 -6.55	116.38 -3.50 -3.17	120.26 -3.78 -2.05	131.49 -6.05 0.00	135.43 -6.09 0.00	142.94 -6.74 0.00	131.30 -5.59 -3.86	126.24 -7.30 -3.21	128.44 -9.60 -0.89	108.68 -5.70 -4.82	96.58 -5.82 -2.05	86.92 -3.60 -2.73	85.61 -3.85 -1.93	84.58 -3.84 -1.15	85.58 -3.85 -1.99	85.69 -3.50 -1.58	85.42 -4.57 -2.18	86.42 -2.29 -0.55	85.68 -4.41 -1.83	79.06 -3.68 -0.93	77.56 -2.91 -3.78	70.92 -3.00 -0.81	71.66 -2.67 -2.04	75.89 -2.38 -6.11
RUSSELL___3 23549	101.95 -1.95 -6.55	116.38 -3.50 -3.17	120.26 -3.78 -2.05	131.49 -6.05 0.00	135.43 -6.09 0.00	142.94 -6.74 0.00	131.30 -5.59 -3.86	126.24 -7.30 -3.21	128.44 -9.60 -0.89	108.68 -5.70 -4.82	96.58 -5.82 -2.05	86.92 -3.60 -2.73	85.61 -3.85 -1.93	84.58 -3.84 -1.15	85.58 -3.85 -1.99	85.69 -3.50 -1.58	85.42 -4.57 -2.18	86.42 -2.29 -0.55	85.68 -4.41 -1.83	79.06 -3.68 -0.93	77.56 -2.91 -3.78	70.92 -3.00 -0.81	71.66 -2.67 -2.04	75.89 -2.38 -6.11
RUSSELL___4 23556	101.95 -1.95 -6.55	116.38 -3.50 -3.17	120.26 -3.78 -2.05	131.49 -6.05 0.00	135.43 -6.09 0.00	142.94 -6.74 0.00	131.30 -5.59 -3.86	126.24 -7.30 -3.21	128.44 -9.60 -0.89	108.68 -5.70 -4.82	96.58 -5.82 -2.05	86.92 -3.60 -2.73	85.61 -3.85 -1.93	84.58 -3.84 -1.15	85.58 -3.85 -1.99	85.69 -3.50 -1.58	85.42 -4.57 -2.18	86.42 -2.29 -0.55	85.68 -4.41 -1.83	79.06 -3.68 -0.93	77.56 -2.91 -3.78	70.92 -3.00 -0.81	71.66 -2.67 -2.04	75.89 -2.38 -6.11
RUSSELL___STATION 23914	101.95 -1.95 -6.55	116.38 -3.50 -3.17	120.26 -3.78 -2.05	131.49 -6.05 0.00	135.43 -6.09 0.00	142.94 -6.74 0.00	131.30 -5.59 -3.86	126.24 -7.30 -3.21	128.44 -9.60 -0.89	108.68 -5.70 -4.82	96.58 -5.82 -2.05	86.92 -3.60 -2.73	85.61 -3.85 -1.93	84.58 -3.84 -1.15	85.58 -3.85 -1.99	85.69 -3.50 -1.58	85.42 -4.57 -2.18	86.42 -2.29 -0.55	85.68 -4.41 -1.83	79.06 -3.68 -0.93	77.56 -2.91 -3.78	70.92 -3.00 -0.81	71.66 -2.67 -2.04	75.89 -2.38 -6.11
S SALMON___HYD 24043	100.86 -0.29 -3.80	117.74 -0.81 -1.84	122.20 -0.98 -1.19	136.03 -1.51 0.00	139.67 -1.84 0.00	147.89 -1.79 0.00	133.94 -1.33 -2.24	132.44 -1.56 -3.67	136.25 -1.92 -1.02	111.07 -1.31 -2.82	100.37 -1.61 -1.62	88.07 -1.31 -1.58	87.19 -1.67 -1.33	87.00 -1.57 -1.29	87.54 -1.57 -1.68	87.65 -1.31 -1.35	88.07 -0.96 -1.23	87.96 -0.53 -0.32	88.87 -0.44 -1.05	81.96 -0.90 -1.06	78.12 -0.77 -2.20	73.29 -0.73 -0.91	72.61 -0.86 -1.18	74.76 -0.94 -3.55
S.PERRY__115KV_TB1 80734	104.87 -1.75 -9.27	117.70 -3.50 -4.49	121.00 -3.90 -2.91	131.07 -6.46 0.00	135.14 -6.37 0.00	142.50 -7.18 0.00	132.37 -6.12 -5.46	123.92 -7.43 -1.01	130.90 -9.46 -3.22	108.84 -7.45 -55.18	89.29 -6.52 -15.01	86.79 -2.37 -3.86	86.79 -3.06 -2.32	84.62 -3.05 -0.40	86.26 -2.97 -1.80	96.37 -2.37 -11.12	134.37 -2.11 -48.67	97.22 -0.44 -9.50	114.21 -1.50 -27.45	85.78 -1.88 -5.85	85.67 -1.46 -10.44	76.66 -1.83 -5.37	78.75 -1.52 -7.97	79.66 -1.15 -8.65
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	100.11 -5.74 -8.51	112.66 -8.17 -4.12	115.63 -9.03 -2.67	125.71 -11.83 0.00	129.48 -12.03 0.00	136.06 -13.62 0.00	125.40 -12.64 -5.01	118.05 -15.25 -2.96	122.82 -17.83 -3.50	89.33 -12.16 8.07	86.95 -11.94 1.46	81.77 -9.57 -3.54	80.09 -9.80 -2.37	78.66 -9.69 -1.08	79.97 -9.71 -2.24	80.06 -9.20 -1.65	74.11 -9.22 4.48	88.67 -8.11 -8.62	82.12 -9.00 -2.86	78.31 -9.41 -5.91	78.24 -7.98 -9.53	70.81 -7.68 -5.37	72.69 -6.87 -7.26	73.96 -6.13 -7.94

SAWYER___23_KV_LOAD 55526	100.11	112.66	115.63	125.71	129.48	136.06	125.40	118.05	122.82	89.33	86.95	81.77	80.09	78.66	79.97	80.06	74.11	88.67	82.12	78.31	78.24	70.81	72.69	73.96
	-5.74	-8.17	-9.03	-11.83	-12.03	-13.62	-12.64	-15.25	-17.83	-12.16	-11.94	-9.57	-9.80	-9.69	-9.71	-9.20	-9.22	-8.11	-9.00	-9.41	-7.98	-7.68	-6.87	-6.13
	-8.51	-4.12	-2.67	0.00	0.00	0.00	-5.01	-2.96	-3.50	8.07	1.46	-3.54	-2.37	-1.08	-2.24	-1.65	4.48	-8.62	-2.86	-5.91	-9.53	-5.37	-7.26	-7.94
SELKIRK___I 23801	166.39	153.09	147.53	143.58	147.46	155.97	176.47	197.60	192.88	161.61	131.82	118.26	113.50	112.68	119.51	139.74	169.67	227.39	214.60	197.67	174.54	166.14	152.80	135.55
	4.28	5.02	5.24	6.04	5.94	6.29	5.33	4.83	5.08	4.06	3.81	3.52	3.41	3.40	3.50	3.51	3.69	3.62	3.71	3.36	3.15	3.00	3.04	2.96
	-64.77	-31.36	-20.30	0.00	0.00	0.00	-38.11	-62.44	-50.65	-48.00	-27.66	-26.95	-22.56	-22.01	-28.57	-48.61	-78.17	-135.61	-122.64	-112.51	-94.71	-90.03	-77.47	-60.44
SELKIRK___II 23799	166.53	152.81	147.12	142.76	146.75	155.22	176.29	197.81	194.51	162.08	132.19	118.52	113.81	112.99	119.78	141.21	172.60	234.96	220.86	203.43	177.67	170.45	155.70	135.85
	3.79	4.43	4.63	5.23	5.24	5.54	4.78	4.43	4.80	4.06	3.91	3.52	3.50	3.49	3.50	3.41	3.42	3.43	3.44	3.11	2.91	2.78	2.75	2.67
	-65.39	-31.67	-20.49	0.00	0.00	0.00	-38.47	-63.04	-52.56	-48.46	-27.93	-27.21	-22.78	-22.22	-28.85	-50.18	-81.37	-143.36	-129.17	-118.51	-98.07	-94.56	-80.66	-61.02
SENECA OSWGO___HYD 24041	100.25	116.56	120.89	134.38	138.26	146.24	132.75	131.20	134.87	110.31	99.77	87.73	86.92	86.63	87.22	87.12	87.25	86.94	87.94	81.19	77.54	72.59	72.18	74.70
	-1.36	-2.22	-2.44	-3.16	-3.25	-3.44	-2.80	-3.25	-3.42	-2.41	-2.41	-1.85	-2.10	-2.10	-2.10	-2.01	-1.93	-1.58	-1.50	-1.80	-1.61	-1.54	-1.45	-1.44
	-4.27	-2.07	-1.34	0.00	0.00	0.00	-2.51	-4.12	-1.15	-3.17	-1.82	-1.78	-1.49	-1.45	-1.88	-1.51	-1.38	-0.36	-1.18	-1.18	-2.47	-1.02	-1.33	-3.99
SENECA___115KV_TB3 355854	101.07	113.55	116.48	126.81	130.76	137.41	126.29	119.18	124.99	90.01	87.76	82.28	80.53	79.00	80.37	80.37	75.56	89.36	83.78	79.04	78.91	71.17	73.10	74.39
	-5.16	-7.47	-8.30	-10.73	-10.75	-12.27	-11.97	-14.08	-15.77	-11.17	-11.04	-9.22	-9.45	-9.34	-9.36	-8.94	-7.64	-7.85	-7.50	-8.92	-7.75	-7.53	-6.80	-6.06
	-8.89	-4.30	-2.79	0.00	0.00	0.00	-5.23	-2.92	-3.61	8.38	1.55	-3.70	-2.45	-1.06	-2.29	-1.69	4.61	-9.04	-3.02	-6.15	-9.97	-5.59	-7.61	-8.29
SENECA___ENERGY 23797	103.49	118.08	121.97	134.23	138.40	145.94	134.45	132.40	136.45	115.10	101.01	88.66	87.54	86.89	87.72	89.78	94.39	93.50	94.62	85.59	82.77	76.37	76.49	77.03
	-0.78	-1.98	-2.19	-3.30	-3.11	-3.74	-2.66	-3.51	-4.39	-2.85	-2.91	-2.02	-2.28	-2.35	-2.45	-2.19	-2.11	-1.58	-1.50	-1.88	-1.61	-1.82	-1.66	-1.59
	-6.92	-3.35	-2.17	0.00	0.00	0.00	-4.07	-5.58	-3.70	-8.40	-3.57	-2.88	-2.29	-1.97	-2.74	-4.35	-8.69	-6.92	-7.87	-5.66	-7.70	-5.08	-5.85	-6.46
SHOEMAKER___GT 23640	152.13	146.97	143.88	144.55	148.59	157.01	168.91	184.57	172.72	152.40	126.79	112.93	109.23	108.45	113.61	120.93	133.85	148.14	146.61	135.07	134.60	118.09	116.71	121.56
	5.55	6.41	6.46	7.01	7.07	7.33	6.91	6.77	7.68	6.35	5.42	4.65	4.55	4.45	4.46	4.55	4.91	5.11	5.21	4.58	4.22	3.95	3.83	3.46
	-49.24	-23.84	-15.43	0.00	0.00	0.00	-28.97	-47.46	-27.90	-36.49	-21.03	-20.48	-17.15	-16.73	-21.72	-28.76	-41.13	-54.87	-53.14	-48.68	-53.70	-41.03	-40.59	-45.95
SHOEMAKR_138KV_BK 111 55601	151.80	146.81	143.91	144.55	148.59	157.16	168.86	184.39	172.67	152.27	126.56	112.80	109.12	108.34	113.47	120.73	133.49	147.77	146.15	134.57	134.16	117.74	116.37	121.18
	5.55	6.42	6.59	7.01	7.08	7.48	7.05	6.91	7.82	6.46	5.32	4.65	4.55	4.45	4.46	4.56	4.83	5.11	5.12	4.42	4.14	3.87	3.76	3.39
	-48.90	-23.68	-15.33	0.00	0.00	0.00	-28.77	-47.14	-27.71	-36.24	-20.89	-20.35	-17.04	-16.62	-21.57	-28.56	-40.85	-54.49	-52.78	-48.35	-53.33	-40.75	-40.32	-45.64
SHOREHAM_IC_1 23715	162.49	155.75	152.29	152.26	156.09	164.50	181.21	198.41	185.11	159.99	140.21	124.65	116.28	117.69	124.82	141.78	157.34	189.89	178.09	162.19	153.60	148.56	144.04	138.40
	11.29	12.95	13.42	14.72	14.58	14.82	16.49	16.16	17.42	10.52	11.64	9.74	9.19	8.99	8.13	8.33	10.44	11.46	12.09	9.81	8.66	7.67	8.38	8.73
	-53.86	-26.08	-16.88	0.00	0.00	0.00	-31.69	-51.92	-30.54	-39.92	-28.22	-27.10	-19.56	-21.42	-29.25	-45.83	-59.08	-90.27	-77.74	-70.57	-68.25	-67.78	-63.36	-57.52
SHOREHAM_IC_2 23716	162.49	155.75	152.29	152.26	156.09	164.50	181.21	198.41	185.11	159.99	140.21	124.65	116.28	117.69	124.82	141.78	157.34	189.89	178.09	162.19	153.60	148.56	144.04	138.40
	11.29	12.95	13.42	14.72	14.58	14.82	16.49	16.16	17.42	10.52	11.64	9.74	9.19	8.99	8.13	8.33	10.44	11.46	12.09	9.81	8.66	7.67	8.38	8.73
	-53.86	-26.08	-16.88	0.00	0.00	0.00	-31.69	-51.92	-30.54	-39.92	-28.22	-27.10	-19.56	-21.42	-29.25	-45.83	-59.08	-90.27	-77.74	-70.57	-68.25	-67.78	-63.36	-57.52
SISSONVILLE____ 23735	95.69	115.31	120.65	136.44	140.66	148.18	130.24	128.64	135.09	107.04	99.05	86.22	86.22	85.97	86.12	86.13	86.49	85.78	86.14	80.25	74.92	72.01	71.06	71.43
	-1.65	-1.40	-1.34	-1.10	-0.85	-1.50	-2.79	-1.69	-2.06	-2.52	-1.30	-1.58	-1.31	-1.31	-1.31	-1.49	-1.32	-2.38	-2.12	-1.55	-1.76	-1.10	-1.23	-0.72
	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
SITHE_IND_GS1 24169	97.57	114.24	118.65	132.17	135.99	143.84	130.08	128.21	132.29	107.76	97.66	85.85	85.19	84.92	85.41	85.29	85.46	85.35	86.01	79.54	75.71	71.06	70.59	72.61
	-3.12	-4.09	-4.39	-5.37	-5.52	-5.84	-4.92	-5.35	-5.76	-4.27	-4.12	-3.34	-3.50	-3.49	-3.50	-3.51	-3.43	-3.09	-3.17	-3.19	-2.91	-2.85	-2.75	-2.67
	-3.35	-1.62	-1.05	0.00	0.00	0.00	-1.97	-3.22	-0.90	-2.48	-1.43	-1.39	-1.17	-1.14	-1.48	-1.18	-1.08	-0.28	-0.93	-0.93	-1.93	-0.80	-1.04	-3.12
SITHE_IND_GS2 24170	97.57	114.24	118.65	132.17	135.99	143.84	130.08	128.21	132.29	107.76	97.66	85.85	85.19	84.92	85.41	85.29	85.46	85.35	86.01	79.54	75.71	71.06	70.59	72.61
	-3.12	-4.09	-4.39	-5.37	-5.52	-5.84	-4.92	-5.35	-5.76	-4.27	-4.12	-3.34	-3.50	-3.49	-3.50	-3.51	-3.43	-3.09	-3.17	-3.19	-2.91	-2.85	-2.75	-2.67
	-3.35	-1.62	-1.05	0.00	0.00	0.00	-1.97	-3.22	-0.90	-2.48	-1.43	-1.39	-1.17	-1.14	-1.48	-1.18	-1.08	-0.28	-0.93	-0.93	-1.93	-0.80	-1.04	-3.12
SITHE_IND_GS3 24171	97.57	114.24	118.65	132.17	135.99	143.84	130.08	128.21	132.29	107.76	97.66	85.85	85.19	84.92	85.41	85.29	85.46	85.35	86.01	79.54	75.71	71.06	70.59	72.61
	-3.12	-4.09	-4.39	-5.37	-5.52	-5.84	-4.92	-5.35	-5.76	-4.27	-4.12	-3.34	-3.50	-3.49	-3.50	-3.51	-3.43	-3.09	-3.17	-3.19	-2.91	-2.85	-2.75	-2.67
	-3.35	-1.62	-1.05	0.00	0.00	0.00	-1.97	-3.22	-0.90	-2.48	-1.43	-1.39	-1.17	-1.14	-1.48	-1.18	-1.08	-0.28	-0.93	-0.93	-1.93	-0.80	-1.04	-3.12
SITHE_IND_GS4 24172	97.57	114.24	118.65	132.17	135.99	143.84	130.08	128.21	132.29	107.76	97.66	85.85	85.19	84.92	85.41	85.29	85.46	85.35	86.01	79.54	75.71	71.06	70.59	72.61
	-3.12	-4.09	-4.39	-5.37	-5.52	-5.84	-4.92	-5.35	-5.76	-4.27	-4.12	-3.34	-3.50	-3.49	-3.50	-3.51	-3.43	-3.09	-3.17	-3.19	-2.91	-2.85	-2.75	-2.67
	-3.35	-1.62	-1.05	0.00	0.00	0.00	-1.97	-3.22	-0.90	-2.48	-1.43	-1.39	-1.17	-1.14	-1.48	-1.18	-1.08	-0.28	-0.93	-0.93	-1.93	-0.80	-1.04	-3.12

SITHE___BATAVIA 24024	101.79 -3.12 -7.56	115.01 -5.37 -3.66	118.63 -5.73 -2.37	129.01 -8.53 0.00	132.88 -8.64 0.00	140.40 -9.28 0.00	128.96 -8.52 -4.45	122.79 -10.68 -3.14	127.60 -12.75 -3.20	99.74 -8.33 1.49	92.15 -8.53 -0.33	84.36 -6.59 -3.14	82.86 -6.83 -2.15	81.58 -6.81 -1.12	82.65 -6.91 -2.12	83.32 -6.66 -2.37	81.90 -6.59 -0.68	90.34 -5.38 -7.56	87.78 -4.94 -4.46	81.73 -5.40 -5.32	79.96 -5.14 -8.41	72.67 -5.26 -4.83	74.06 -4.63 -6.39	75.24 -3.97 -7.05
SITHE___INDEPEND 23800	97.58 -3.12 -3.35	114.25 -4.08 -1.62	118.65 -4.39 -1.05	132.17 -5.36 0.00	135.99 -5.52 0.00	143.84 -5.84 0.00	129.95 -5.06 -1.97	128.22 -5.34 -3.22	132.15 -5.90 -0.90	107.76 -4.27 -2.48	97.67 -4.11 -1.43	85.85 -3.34 -1.39	85.19 -3.50 -1.17	84.92 -3.49 -1.14	85.41 -3.50 -1.48	85.38 -3.42 -1.18	85.46 -3.42 -1.08	85.45 -3.00 -0.28	85.83 -3.35 -0.93	79.55 -3.19 -0.93	75.71 -2.91 -1.93	71.13 -2.78 -0.80	70.59 -2.75 -1.04	72.61 -2.67 -3.12
SITHE___MASSENA 23902	95.40 -1.95 0.00	115.08 -1.63 0.00	120.40 -1.59 0.00	136.30 -1.24 0.00	140.38 -1.14 0.00	148.33 -1.35 0.00	131.04 -1.99 0.00	129.43 -0.91 0.00	135.91 -1.24 0.00	107.80 -1.76 0.00	99.25 -1.10 0.00	86.57 -1.23 0.00	86.66 -0.88 0.00	86.32 -0.96 0.00	86.56 -0.87 0.00	86.57 -1.05 0.00	86.66 -1.14 0.00	86.48 -1.68 0.00	86.32 -1.94 0.00	80.50 -1.31 0.00	75.46 -1.23 0.00	72.23 -0.87 0.00	71.35 -0.94 0.00	71.50 -0.65 0.00
SITHE___OGDNSBRG 24021	96.86 -0.49 0.00	116.71 0.00 0.00	122.11 0.12 0.00	138.22 0.69 0.00	142.50 0.99 0.00	150.58 0.90 0.00	132.90 -0.13 0.00	131.25 0.91 0.00	137.70 0.55 0.00	108.90 -0.66 0.00	100.35 0.00 0.00	87.27 -0.53 0.00	87.36 -0.18 0.00	87.10 -0.17 0.00	87.35 -0.09 0.00	87.44 -0.18 0.00	87.98 0.18 0.00	87.55 -0.62 0.00	87.99 -0.26 0.00	81.89 0.08 0.00	76.46 -0.23 0.00	73.26 0.15 0.00	72.22 -0.07 0.00	72.52 0.36 0.00
SITHE___STERLING 23777	104.21 3.79 -3.07	122.39 4.20 -1.49	127.22 4.27 -0.96	141.94 4.40 0.00	146.04 4.53 0.00	154.92 5.24 0.00	139.77 4.93 -1.81	137.73 4.43 -2.96	142.64 4.67 -0.83	115.56 3.73 -2.28	104.67 3.01 -1.31	91.62 2.55 -1.28	90.87 2.27 -1.07	90.58 2.27 -1.04	91.15 2.36 -1.35	91.33 2.63 -1.09	91.78 2.99 -0.99	91.59 3.17 -0.26	92.38 3.27 -0.85	85.20 2.54 -0.85	80.76 2.30 -1.77	75.89 2.04 -0.73	75.06 1.81 -0.96	76.82 1.80 -2.86
SLEIGHT__34_KV_TB1 80719	102.18 -1.56 -6.39	117.01 -2.80 -3.09	120.95 -3.05 -2.00	132.72 -4.81 0.00	136.70 -4.81 0.00	144.44 -5.24 0.00	132.67 -4.12 -3.76	129.50 -5.34 -4.50	131.55 -6.86 -1.26	110.18 -4.05 -4.67	98.35 -4.32 -2.32	87.74 -2.72 -2.66	86.50 -3.06 -2.04	85.82 -3.05 -1.60	86.71 -3.06 -2.34	86.68 -2.80 -1.87	86.35 -3.51 -2.06	86.85 -1.85 -0.54	86.76 -3.27 -1.77	80.25 -2.86 -1.31	78.00 -2.38 -3.69	71.75 -2.49 -1.12	72.04 -2.24 -1.99	76.03 -2.09 -5.96
SOUTH CAIRO___GT 23612	167.14 7.01 -62.78	155.52 8.40 -30.40	150.45 8.78 -19.67	149.09 11.55 0.00	152.98 11.46 0.00	161.95 12.27 0.00	179.15 9.18 -36.94	200.24 9.38 -60.52	196.25 10.01 -49.09	163.75 7.67 -46.53	133.99 6.82 -26.81	119.36 5.44 -26.12	114.83 5.43 -21.87	113.76 5.15 -21.33	120.55 5.42 -27.69	140.60 5.87 -47.11	170.23 6.67 -75.75	226.78 7.23 -131.39	214.23 7.15 -118.82	196.95 6.14 -109.01	174.22 5.75 -91.78	165.83 5.48 -87.24	152.57 5.21 -75.07	135.57 4.83 -58.58
SOUTH HAMPTN___IC 23720	163.18 11.97 -53.86	156.68 13.88 -26.08	153.26 14.39 -16.88	153.35 15.81 0.00	157.36 15.85 0.00	165.70 16.02 0.00	182.42 17.70 -31.69	199.59 17.34 -51.92	186.34 18.65 -30.54	161.20 11.73 -39.92	141.01 12.44 -28.22	125.35 10.44 -27.10	116.89 9.80 -19.56	118.21 9.51 -21.42	125.43 8.74 -29.25	142.56 9.11 -45.83	158.13 11.24 -59.08	190.68 12.25 -90.27	178.62 12.62 -77.74	162.77 10.39 -70.57	154.05 9.12 -68.25	149.00 8.11 -67.78	144.32 8.67 -63.36	138.77 9.09 -57.52
SOUTHDOW_115KV_TB1 355954	104.49 -2.43 -9.58	117.27 -4.08 -4.64	119.99 -5.00 -3.00	130.94 -6.60 0.00	135.14 -6.37 0.00	141.75 -7.93 0.00	130.42 -8.25 -5.64	122.98 -10.04 -2.68	130.92 -10.01 -3.79	100.60 -7.34 1.62	93.22 -7.33 -0.20	84.94 -6.85 -3.99	83.03 -7.09 -2.59	81.27 -6.98 -0.98	82.68 -7.08 -2.33	83.73 -6.75 -2.86	85.48 -3.60 -1.28	92.78 -5.20 -9.82	90.94 -3.44 -6.12	81.96 -6.38 -6.53	81.72 -5.75 -10.79	73.29 -5.78 -5.95	75.40 -5.13 -8.24	76.55 -4.55 -8.94
SOUTHOLD_69_KV_BK 2 55809	165.32 14.12 -53.86	158.67 15.87 -26.08	154.97 16.10 -16.88	154.73 17.19 0.00	159.06 17.55 0.00	168.39 18.71 0.00	184.81 20.09 -31.69	202.46 20.20 -51.92	189.49 21.81 -30.54	162.95 13.48 -39.92	141.72 13.15 -28.22	125.97 11.06 -27.10	117.24 10.15 -19.56	118.56 9.86 -21.42	126.92 10.23 -29.25	143.09 9.64 -45.83	158.75 11.85 -59.08	191.48 13.05 -90.27	178.27 12.27 -77.74	162.85 10.47 -70.57	154.21 9.28 -68.25	150.17 9.28 -67.78	144.33 8.68 -63.36	138.99 9.31 -57.52
SOUTHOLD___IC 23719	163.85 12.65 -53.86	157.38 14.59 -26.08	154.12 15.25 -16.88	154.17 16.64 0.00	158.20 16.69 0.00	166.89 17.21 0.00	183.60 18.88 -31.69	200.89 18.64 -51.92	187.57 19.88 -30.54	162.18 12.70 -39.92	141.71 13.14 -28.22	125.88 10.97 -27.10	117.24 10.15 -19.56	118.55 9.86 -21.42	125.78 9.09 -29.25	143.09 9.64 -45.83	158.92 12.03 -59.08	191.48 13.05 -90.27	178.98 12.98 -77.74	163.01 10.63 -70.57	154.21 9.28 -68.25	149.08 8.19 -67.78	144.32 8.67 -63.36	138.99 9.31 -57.52
SOUTH_FORK_WT_PWR 323839	162.98 11.77 -53.86	156.44 13.65 -26.08	153.14 14.27 -16.88	153.21 15.67 0.00	157.22 15.71 0.00	165.70 16.02 0.00	182.67 17.95 -31.69	199.98 17.72 -51.92	186.62 18.93 -30.54	161.52 12.05 -39.92	140.91 12.34 -28.22	125.26 10.36 -27.10	116.55 9.46 -19.56	117.77 9.08 -21.42	125.00 8.31 -29.25	142.29 8.85 -45.83	158.13 11.24 -59.08	190.77 12.34 -90.27	177.91 11.91 -77.74	161.94 9.57 -70.57	153.29 8.36 -68.25	148.20 7.31 -67.78	143.39 7.74 -63.36	138.33 8.65 -57.52
SPIERFLS_115KV_TB 1 80737	174.34 8.86 -68.14	159.98 10.27 -33.00	154.57 11.22 -21.35	149.92 12.38 0.00	154.25 12.74 0.00	163.45 13.77 0.00	185.76 12.64 -40.09	208.40 12.38 -65.68	238.57 13.17 -88.25	170.35 10.30 -50.50	138.28 8.83 -29.10	123.52 7.38 -28.35	118.62 7.35 -23.73	117.50 7.07 -23.15	124.75 7.26 -30.06	173.40 7.62 -78.16	238.61 8.25 -142.55	397.90 8.29 -301.45	357.42 8.21 -260.96	328.80 7.36 -239.63	243.54 6.90 -159.95	264.81 6.73 -184.97	220.68 6.58 -141.81	142.16 6.42 -63.58
ST LAWRENCE____ 23600	94.62 -2.73 0.00	114.14 -2.57 0.00	119.42 -2.57 0.00	135.20 -2.34 0.00	139.39 -2.12 0.00	147.28 -2.40 0.00	130.37 -2.66 0.00	128.64 -1.70 0.00	135.09 -2.05 0.00	107.25 -2.31 0.00	98.64 -1.71 0.00	86.13 -1.67 0.00	86.04 -1.49 0.00	85.79 -1.48 0.00	86.03 -1.40 0.00	85.95 -1.67 0.00	85.96 -1.85 0.00	85.96 -2.20 0.00	85.88 -2.38 0.00	80.01 -1.80 0.00	75.00 -1.69 0.00	71.65 -1.46 0.00	70.77 -1.52 0.00	70.93 -1.23 0.00
STATE_CA_115KV_115_LB 55624	168.08 4.28 -66.45	153.91 5.02 -32.18	148.06 5.25 -20.82	143.59 6.05 0.00	147.31 5.80 0.00	155.97 6.29 0.00	177.58 5.45 -39.09	199.48 5.08 -64.06	210.75 5.76 -67.84	163.51 4.71 -49.25	133.35 4.62 -28.38	119.66 4.21 -27.65	114.97 4.29 -23.15	114.13 4.28 -22.58	120.94 4.20 -29.31	153.79 4.03 -62.14	199.43 4.04 -107.59	303.46 4.06 -211.24	278.05 4.06 -185.74	255.91 3.60 -170.50	204.69 3.45 -124.55	209.76 3.29 -133.36	182.41 3.25 -106.87	137.34 3.17 -62.01

STATE_ST_34_KV_LOAD 55959	104.56 0.39 -6.83	119.79 -0.23 -3.31	123.77 -0.37 -2.14	136.44 -1.10 0.00	140.52 -0.99 0.00	148.48 -1.20 0.00	136.52 -0.53 -4.02	137.73 -1.17 -8.57	140.16 -1.51 -4.52	113.93 -0.77 -5.14	102.76 -1.00 -3.41	90.11 -0.53 -2.84	89.35 -0.79 -2.61	89.50 -0.79 -3.01	90.23 -0.79 -3.59	91.54 -0.61 -4.54	93.23 -0.44 -5.86	95.19 0.18 -6.85	94.62 -0.18 -6.54	87.89 -0.41 -6.49	83.98 -0.31 -7.60	78.44 -0.44 -5.77	77.64 -0.43 -5.79	78.09 -0.43 -6.37
STATION 5_MISC_HYD 23604	101.76 -2.14 -6.55	116.04 -3.85 -3.17	119.90 -4.15 -2.05	131.08 -6.46 0.00	135.01 -6.51 0.00	142.65 -7.03 0.00	131.17 -5.72 -3.86	125.98 -7.56 -3.21	128.71 -9.33 -0.89	108.24 -6.13 -4.82	96.18 -6.22 -2.05	86.40 -4.13 -2.73	85.08 -4.37 -1.93	84.06 -4.36 -1.15	84.87 -4.55 -1.99	84.73 -4.47 -1.58	84.80 -5.18 -2.18	85.36 -3.35 -0.55	86.38 -3.70 -1.83	78.24 -4.50 -0.93	77.10 -3.37 -3.78	70.41 -3.51 -0.81	71.30 -3.03 -2.04	75.53 -2.74 -6.11
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	103.32 -0.58 -6.56	118.14 -1.75 -3.18	122.22 -1.83 -2.06	134.10 -3.44 0.00	138.12 -3.40 0.00	145.64 -4.04 0.00	133.83 -3.06 -3.86	129.26 -4.30 -3.23	132.28 -5.76 -0.90	111.01 -3.29 -4.74	98.77 -3.61 -2.03	88.42 -2.11 -2.73	87.10 -2.36 -1.93	85.99 -2.44 -1.16	86.99 -2.45 -2.00	87.10 -2.10 -1.58	87.20 -2.72 -2.11	87.57 -1.15 -0.55	87.60 -2.47 -1.82	80.62 -2.13 -0.94	78.79 -1.69 -3.79	72.02 -1.90 -0.81	72.60 -1.74 -2.04	76.76 -1.52 -6.12
STA_56_34_KV_BUS2_REV_LBMP_B 345033	101.21 -2.63 -6.50	115.66 -4.20 -3.15	119.51 -4.51 -2.04	130.80 -6.74 0.00	134.72 -6.79 0.00	142.20 -7.48 0.00	130.60 -6.25 -3.82	125.74 -7.82 -3.22	127.89 -10.15 -0.89	108.09 -6.24 -4.77	95.97 -6.42 -2.04	86.29 -4.21 -2.70	84.98 -4.46 -1.91	83.89 -4.54 -1.15	84.96 -4.46 -1.99	84.99 -4.21 -1.58	84.70 -5.27 -2.16	85.53 -3.17 -0.54	84.95 -5.12 -1.81	78.41 -4.34 -0.94	76.91 -3.53 -3.75	70.34 -3.58 -0.81	71.06 -3.25 -2.02	75.26 -2.96 -6.06
STA_56___34_KV_BUS2 355983	101.21 -2.63 -6.50	115.66 -4.20 -3.15	119.51 -4.51 -2.04	130.80 -6.74 0.00	134.72 -6.79 0.00	142.20 -7.48 0.00	130.60 -6.25 -3.82	125.74 -7.82 -3.22	127.89 -10.15 -0.89	108.09 -6.24 -4.77	95.97 -6.42 -2.04	86.29 -4.21 -2.70	84.98 -4.46 -1.91	83.89 -4.54 -1.15	84.96 -4.46 -1.99	84.99 -4.21 -1.58	84.70 -5.27 -2.16	85.53 -3.17 -0.54	84.95 -5.12 -1.81	78.41 -4.34 -0.94	76.91 -3.53 -3.75	70.34 -3.58 -0.81	71.06 -3.25 -2.02	75.26 -2.96 -6.06
STA_67___115KV_BK2 355882	101.36 -2.53 -6.55	115.80 -4.08 -3.17	119.65 -4.39 -2.05	130.80 -6.74 0.00	134.72 -6.79 0.00	142.20 -7.48 0.00	130.63 -6.25 -3.85	125.46 -8.08 -3.21	127.61 -10.42 -0.89	107.90 -6.46 -4.81	95.77 -6.62 -2.05	86.22 -4.30 -2.72	84.90 -4.55 -1.92	83.88 -4.54 -1.15	84.88 -4.55 -1.99	84.99 -4.21 -1.58	84.54 -5.44 -2.17	85.54 -3.17 -0.55	84.88 -5.21 -1.83	78.32 -4.42 -0.93	76.94 -3.53 -3.78	70.33 -3.58 -0.81	71.15 -3.18 -2.04	75.38 -2.89 -6.11
STA_7___115KV_9TRANS 80674	101.95 -1.95 -6.55	116.38 -3.50 -3.17	120.26 -3.78 -2.05	131.49 -6.05 0.00	135.43 -6.09 0.00	142.94 -6.74 0.00	131.30 -5.59 -3.86	126.24 -7.30 -3.21	128.44 -9.60 -0.89	108.68 -5.70 -4.82	96.58 -5.82 -2.05	86.92 -3.60 -2.73	85.61 -3.85 -1.93	84.58 -3.84 -1.15	85.58 -3.85 -1.99	85.69 -3.50 -1.58	85.42 -4.57 -2.18	86.42 -2.29 -0.55	85.68 -4.41 -1.83	79.06 -3.68 -0.93	77.56 -2.91 -3.78	70.92 -3.00 -0.81	71.66 -2.67 -2.04	75.89 -2.38 -6.11
STA_82___115KV_TB1 80780	101.50 -2.43 -6.58	115.82 -4.08 -3.19	119.79 -4.27 -2.06	130.94 -6.60 0.00	134.86 -6.65 0.00	142.20 -7.48 0.00	130.65 -6.25 -3.87	125.59 -7.95 -3.21	127.61 -10.42 -0.89	108.05 -6.35 -4.85	95.89 -6.52 -2.06	86.23 -4.30 -2.74	84.91 -4.55 -1.93	83.88 -4.54 -1.15	84.97 -4.46 -1.99	85.00 -4.21 -1.59	84.65 -5.36 -2.20	85.63 -3.09 -0.55	84.89 -5.21 -1.84	78.40 -4.34 -0.93	76.96 -3.53 -3.80	70.33 -3.58 -0.81	71.16 -3.18 -2.05	75.48 -2.81 -6.14
STEEL___WIND 323596	101.07 -5.16 -8.89	113.31 -7.71 -4.30	116.23 -8.54 -2.79	126.67 -10.87 0.00	130.62 -10.89 0.00	137.56 -12.12 0.00	126.55 -11.71 -5.23	118.92 -14.34 -2.92	125.40 -15.36 -3.61	89.78 -11.40 8.38	87.66 -11.14 1.55	82.10 -9.39 -3.70	80.35 -9.63 -2.45	78.73 -9.60 -1.06	80.10 -9.62 -2.29	79.93 -9.37 -1.69	75.38 -7.82 4.61	88.65 -8.55 -9.04	83.69 -7.59 -3.02	80.51 -7.44 -6.15	78.76 -7.90 -9.97	70.95 -7.75 -5.59	72.96 -6.94 -7.61	74.24 -6.21 -8.29
STEPHTWN_115KV_BK_2 55603	168.22 5.16 -65.72	154.61 6.07 -31.82	148.93 6.34 -20.59	144.83 7.29 0.00	148.59 7.08 0.00	157.31 7.63 0.00	178.48 6.78 -38.66	200.20 6.52 -63.35	203.71 7.13 -59.44	164.07 5.81 -48.70	134.04 5.62 -28.06	120.14 5.00 -27.34	115.41 4.99 -22.89	114.49 4.89 -22.33	121.32 4.90 -28.99	147.97 4.82 -55.54	186.00 5.01 -93.19	267.29 5.03 -174.10	248.05 5.03 -154.76	228.34 4.50 -142.03	190.87 4.22 -109.97	189.23 4.02 -112.10	168.74 3.98 -92.47	137.38 3.90 -61.32
STEUBEN_REC_LFGE 323667	108.65 -0.39 -11.69	120.39 -1.98 -5.66	123.09 -2.56 -3.66	133.69 -3.85 0.00	137.97 -3.54 0.00	144.74 -4.94 0.00	135.39 -4.52 -6.88	117.46 -6.00 6.88	132.30 -6.72 -1.87	143.59 -5.59 -39.62	103.70 -5.62 -8.97	88.19 -4.48 -4.86	84.54 -4.99 -2.00	79.71 -5.24 2.33	82.01 -5.33 0.09	90.03 -5.17 -7.58	120.65 -3.95 -36.79	98.49 -4.23 -14.56	110.61 -3.53 -25.88	84.27 -4.99 -7.45	85.43 -4.60 -13.34	74.78 -4.53 -6.21	78.40 -4.12 -10.23	79.39 -3.68 -10.91
STILLWATER___SOLAR 323814	172.49 7.39 -67.75	158.16 8.64 -32.81	152.38 9.15 -21.23	147.71 10.18 0.00	151.84 10.32 0.00	160.91 11.23 0.00	183.00 10.11 -39.86	205.29 9.64 -65.31	232.86 10.29 -85.42	167.76 7.99 -50.21	136.31 7.02 -28.93	122.04 6.05 -28.19	117.08 5.96 -23.60	116.23 5.94 -23.02	123.35 6.03 -29.89	169.84 6.31 -75.91	232.29 6.76 -137.72	383.96 6.70 -289.10	345.59 6.70 -250.63	318.16 6.21 -230.14	237.38 5.67 -155.02	256.47 5.49 -177.88	214.70 5.42 -136.98	140.64 5.26 -63.22
STONY___BROOK 24151	162.59 11.38 -53.86	156.09 13.30 -26.08	152.65 13.78 -16.88	152.67 15.13 0.00	156.51 14.99 0.00	164.65 14.97 0.00	180.68 15.96 -31.69	198.15 15.90 -51.92	184.83 17.14 -30.54	161.20 11.73 -39.92	140.81 12.24 -28.22	125.26 10.36 -27.10	116.98 9.89 -19.56	118.47 9.77 -21.42	125.87 9.18 -29.25	143.00 9.55 -45.83	158.13 11.24 -59.08	190.16 11.73 -90.27	178.26 12.26 -77.74	163.01 10.63 -70.57	154.36 9.43 -68.25	149.37 8.48 -67.78	144.40 8.74 -63.36	138.40 8.73 -57.52
STURGEON_POOL_HYD 23609	158.97 6.42 -55.20	150.91 7.47 -26.73	146.85 7.56 -17.30	146.34 8.80 0.00	150.57 9.06 0.00	159.11 9.43 0.00	173.62 8.12 -32.47	191.63 8.08 -53.21	180.39 9.33 -33.92	158.24 7.78 -40.91	130.35 6.42 -23.57	116.29 5.53 -22.96	112.10 5.34 -19.23	111.27 5.24 -18.76	116.94 5.16 -24.35	127.33 5.43 -34.28	144.09 5.62 -50.66	167.69 6.00 -73.53	163.83 6.00 -69.57	150.81 5.24 -63.77	146.35 4.91 -64.76	130.55 4.61 -52.83	126.77 4.41 -50.06	127.63 3.97 -51.51
ST_LAW_115_BK7_LBMP 345037	94.52 -2.83 0.00	114.03 -2.68 0.00	119.31 -2.68 0.00	135.20 -2.34 0.00	139.24 -2.27 0.00	147.13 -2.55 0.00	130.11 -2.93 0.00	128.51 -1.82 0.00	134.95 -2.20 0.00	107.04 -2.52 0.00	98.55 -1.80 0.00	85.95 -1.85 0.00	85.96 -1.57 0.00	85.71 -1.57 0.00	85.95 -1.49 0.00	85.87 -1.75 0.00	85.88 -1.93 0.00	85.79 -2.38 0.00	85.70 -2.56 0.00	79.93 -1.88 0.00	74.93 -1.76 0.00	71.57 -1.54 0.00	70.70 -1.59 0.00	70.86 -1.30 0.00

ST_LAW_115_BK8_LBMP 345038	94.52 -2.83 0.00	114.03 -2.68 0.00	119.31 -2.68 0.00	135.20 -2.34 0.00	139.24 -2.27 0.00	147.13 -2.55 0.00	130.11 -2.93 0.00	128.51 -1.82 0.00	134.95 -2.20 0.00	107.04 -2.52 0.00	98.55 -1.80 0.00	85.95 -1.85 0.00	85.96 -1.57 0.00	85.71 -1.57 0.00	85.95 -1.49 0.00	85.87 -1.75 0.00	85.88 -1.93 0.00	85.79 -2.38 0.00	85.70 -2.56 0.00	79.93 -1.88 0.00	74.93 -1.76 0.00	71.57 -1.54 0.00	70.70 -1.59 0.00	70.86 -1.30 0.00
ST_LAW_230_BK5_LBMP 345035	94.62 -2.73 0.00	114.14 -2.57 0.00	119.42 -2.57 0.00	135.20 -2.34 0.00	139.39 -2.12 0.00	147.28 -2.40 0.00	130.37 -2.66 0.00	128.64 -1.70 0.00	135.09 -2.05 0.00	107.25 -2.31 0.00	98.64 -1.71 0.00	86.13 -1.67 0.00	86.04 -1.49 0.00	85.79 -1.48 0.00	86.03 -1.40 0.00	85.95 -1.67 0.00	85.96 -1.85 0.00	85.96 -2.20 0.00	85.88 -2.38 0.00	80.01 -1.80 0.00	75.00 -1.69 0.00	71.65 -1.46 0.00	70.77 -1.52 0.00	70.93 -1.23 0.00
ST_LAW_230_BK6_LBMP 345036	94.62 -2.73 0.00	114.14 -2.57 0.00	119.42 -2.57 0.00	135.20 -2.34 0.00	139.39 -2.12 0.00	147.28 -2.40 0.00	130.37 -2.66 0.00	128.64 -1.70 0.00	135.09 -2.05 0.00	107.25 -2.31 0.00	98.64 -1.71 0.00	86.13 -1.67 0.00	86.04 -1.49 0.00	85.79 -1.48 0.00	86.03 -1.40 0.00	85.95 -1.67 0.00	85.96 -1.85 0.00	85.96 -2.20 0.00	85.88 -2.38 0.00	80.01 -1.80 0.00	75.00 -1.69 0.00	71.65 -1.46 0.00	70.77 -1.52 0.00	70.93 -1.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	153.82 6.13 -50.34	148.09 7.00 -24.38	144.97 7.20 -15.78	145.24 7.70 0.00	149.30 7.78 0.00	157.76 8.08 0.00	170.37 7.72 -29.62	186.42 7.56 -48.53	174.32 8.64 -28.53	154.10 7.23 -37.31	127.87 6.02 -21.50	113.92 5.18 -20.94	110.14 5.08 -17.53	109.35 4.97 -17.11	114.63 4.98 -22.21	122.10 5.08 -29.40	135.13 5.27 -42.06	149.84 5.55 -56.12	148.18 5.56 -54.36	136.43 4.83 -49.80	136.12 4.52 -54.91	119.32 4.24 -41.97	117.92 4.12 -41.51	122.88 3.75 -46.98
SWANROAD_115KV_TB1 355699	97.66 -7.89 -8.20	109.83 -10.85 -3.97	112.85 -11.71 -2.57	122.41 -15.13 0.00	126.23 -15.28 0.00	132.62 -17.06 0.00	122.02 -15.83 -4.82	115.80 -17.60 -3.06	118.61 -21.94 -3.41	90.45 -14.24 4.87	85.72 -14.05 0.59	79.62 -11.59 -3.41	78.01 -11.82 -2.30	76.85 -11.52 -1.10	78.10 -11.54 -2.21	79.66 -9.99 -2.04	74.12 -11.77 1.92	86.30 -10.14 -8.27	80.42 -11.56 -3.73	76.16 -11.37 -5.73	76.18 -9.66 -9.16	69.10 -9.21 -5.20	70.95 -8.31 -6.98	72.37 -7.43 -7.65
SYNERGY___BIOGAS 323694	101.79 -3.12 -7.56	115.01 -5.37 -3.66	118.63 -5.73 -2.37	129.01 -8.53 0.00	132.88 -8.64 0.00	140.40 -9.28 0.00	128.96 -8.52 -4.45	122.79 -10.68 -3.14	127.60 -12.75 -3.20	99.74 -8.33 1.49	92.15 -8.53 -0.33	84.36 -6.59 -3.14	82.86 -6.83 -2.15	81.58 -6.81 -1.12	82.65 -6.91 -2.12	83.32 -6.66 -2.37	81.90 -6.59 -0.68	90.34 -5.38 -7.56	87.78 -4.94 -4.46	81.73 -5.40 -5.32	79.96 -5.14 -8.41	72.67 -5.26 -4.83	74.06 -4.63 -6.39	75.24 -3.97 -7.05
SYRACUSE___ENERGY_ST1 323597	102.52 -0.29 -5.47	118.43 -0.93 -2.65	122.61 -1.10 -1.71	135.89 -1.65 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	134.92 -1.33 -3.22	133.78 -1.82 -5.27	136.56 -2.06 -1.47	112.29 -1.31 -4.05	101.28 -1.40 -2.33	89.11 -0.97 -2.27	88.30 -1.14 -1.90	88.00 -1.13 -1.86	88.71 -1.14 -2.41	88.50 -1.05 -1.94	88.60 -0.97 -1.76	88.09 -0.53 -0.46	88.98 -0.79 -1.52	82.42 -0.90 -1.52	79.08 -0.77 -3.16	73.61 -0.80 -1.31	73.20 -0.80 -1.70	76.46 -0.79 -5.10
SYRACUSE___ENERGY_ST2 323598	102.52 -0.29 -5.47	118.43 -0.93 -2.65	122.61 -1.10 -1.71	135.89 -1.65 0.00	139.81 -1.70 0.00	147.73 -1.95 0.00	134.92 -1.33 -3.22	133.78 -1.82 -5.27	136.56 -2.06 -1.47	112.29 -1.31 -4.05	101.28 -1.40 -2.33	89.11 -0.97 -2.27	88.30 -1.14 -1.90	88.00 -1.13 -1.86	88.71 -1.14 -2.41	88.50 -1.05 -1.94	88.60 -0.97 -1.76	88.09 -0.53 -0.46	88.98 -0.79 -1.52	82.42 -0.90 -1.52	79.08 -0.77 -3.16	73.61 -0.80 -1.31	73.20 -0.80 -1.70	76.46 -0.79 -5.10
SYRACUSE___POWER 24017	102.66 -0.39 -5.70	118.42 -1.05 -2.76	122.56 -1.22 -1.79	135.75 -1.79 0.00	139.67 -1.84 0.00	147.58 -2.10 0.00	134.93 -1.46 -3.35	135.23 -1.96 -6.85	136.87 -2.19 -1.91	112.52 -1.31 -4.28	101.62 -1.51 -2.77	89.12 -1.05 -2.37	88.45 -1.23 -2.14	88.46 -1.22 -2.41	89.12 -1.22 -2.91	88.91 -1.05 -2.34	88.68 -0.97 -1.84	88.11 -0.53 -0.48	89.04 -0.79 -1.58	82.81 -0.98 -1.98	79.14 -0.84 -3.29	73.85 -0.95 -1.69	73.20 -0.87 -1.78	76.61 -0.87 -5.32
TALLMAN___138KV_BK151 55660	155.65 6.62 -51.68	149.21 7.47 -25.03	145.87 7.69 -16.20	145.79 8.25 0.00	149.86 8.35 0.00	158.36 8.68 0.00	171.82 8.38 -30.41	188.37 8.21 -49.82	175.90 9.46 -29.29	155.75 7.89 -38.30	128.94 6.52 -22.07	115.01 5.71 -21.50	111.13 5.60 -18.00	110.33 5.50 -17.56	115.65 5.42 -22.80	123.32 5.52 -30.19	136.69 5.71 -43.18	151.79 6.00 -57.63	149.98 5.91 -55.81	138.17 5.24 -51.13	137.97 4.91 -56.37	120.81 4.61 -43.09	119.32 4.41 -42.62	124.42 4.04 -48.23
TEALLAVE_115KV_TB7 355573	101.23 -0.88 -4.76	117.38 -1.63 -2.30	121.65 -1.83 -1.49	135.06 -2.48 0.00	138.97 -2.55 0.00	146.84 -2.84 0.00	133.70 -2.13 -2.80	132.31 -2.61 -4.58	135.41 -3.02 -1.28	111.11 -1.97 -3.52	100.28 -2.11 -2.03	88.28 -1.49 -1.98	87.52 -1.66 -1.66	87.23 -1.66 -1.62	87.78 -1.75 -2.10	87.72 -1.58 -1.68	87.76 -1.53 -1.53	87.50 -1.06 -0.40	88.25 -1.32 -1.32	81.65 -1.47 -1.32	78.21 -1.23 -2.75	72.93 -1.32 -1.14	72.54 -1.23 -1.48	75.37 -1.23 -4.44
TELGRAPH_34_KV_EAST 80808	99.79 -5.35 -7.79	112.67 -7.82 -3.77	116.02 -8.42 -2.44	125.98 -11.55 0.00	129.91 -11.60 0.00	136.66 -13.02 0.00	125.65 -11.97 -4.59	119.64 -13.82 -3.12	123.01 -17.42 -3.28	95.80 -11.07 2.69	89.21 -11.14 0.00	82.26 -8.78 -3.24	80.72 -9.02 -2.21	79.57 -8.81 -1.11	80.76 -8.83 -2.15	82.14 -7.71 -2.24	78.69 -8.87 0.25	88.76 -7.23 -7.82	83.76 -8.65 -4.16	78.69 -8.59 -5.47	78.16 -7.21 -8.68	71.13 -6.95 -4.97	72.68 -6.22 -6.61	73.94 -5.48 -7.27
TEMPLE___115KV_TB 2 55572	101.29 -0.88 -4.82	117.53 -1.52 -2.34	121.80 -1.71 -1.51	135.06 -2.48 0.00	138.97 -2.55 0.00	146.99 -2.69 0.00	133.74 -2.13 -2.84	132.38 -2.61 -4.65	135.43 -3.02 -1.30	111.27 -1.86 -3.57	100.40 -2.01 -2.06	88.31 -1.49 -2.01	87.55 -1.66 -1.68	87.25 -1.66 -1.64	87.90 -1.66 -2.13	87.83 -1.49 -1.71	87.87 -1.49 -1.55	87.60 -0.97 -0.40	88.27 -1.32 -1.34	81.75 -1.39 -1.34	78.25 -1.23 -2.78	73.02 -1.24 -1.15	72.56 -1.23 -1.50	75.43 -1.23 -4.50
TIANA____69_KV_BK 1 55817	164.64 13.43 -53.86	157.85 15.06 -26.08	154.12 15.25 -16.88	153.77 16.23 0.00	157.93 16.42 0.00	167.04 17.36 0.00	183.48 18.76 -31.69	201.02 18.77 -51.92	188.12 20.44 -30.54	161.74 12.27 -39.92	140.92 12.34 -28.22	125.26 10.36 -27.10	116.81 9.72 -19.56	118.21 9.51 -21.42	126.57 9.88 -29.25	142.56 9.11 -45.83	158.04 11.15 -59.08	190.60 12.17 -90.27	178.00 12.00 -77.74	162.68 10.31 -70.57	154.14 9.20 -68.25	150.10 9.21 -67.78	144.40 8.75 -63.36	138.77 9.09 -57.52
TILDEN___115KV_TB1 80814	102.66 -0.39 -5.70	118.42 -1.05 -2.76	122.56 -1.22 -1.79	135.75 -1.79 0.00	139.67 -1.84 0.00	147.58 -2.10 0.00	134.93 -1.46 -3.35	135.23 -1.96 -6.85	136.87 -2.19 -1.91	112.52 -1.31 -4.28	101.62 -1.51 -2.77	89.12 -1.05 -2.37	88.45 -1.23 -2.14	88.46 -1.22 -2.41	89.12 -1.22 -2.91	88.91 -1.05 -2.34	88.68 -0.97 -1.84	88.11 -0.53 -0.48	89.04 -0.79 -1.58	82.81 -0.98 -1.98	79.14 -0.84 -3.29	73.85 -0.95 -1.69	73.20 -0.87 -1.78	76.61 -0.87 -5.32

TRIGEN___CC 323695	159.97 8.76 -53.86	152.95 10.15 -26.08	149.24 10.37 -16.88	148.54 11.00 0.00	152.55 11.04 0.00	160.91 11.23 0.00	175.90 11.17 -31.69	193.33 11.08 -51.92	180.17 12.48 -30.54	159.44 9.97 -39.92	137.30 8.73 -28.22	122.63 7.73 -27.10	114.62 7.53 -19.56	116.11 7.42 -21.42	124.03 7.34 -29.25	140.90 7.45 -45.83	154.62 7.73 -59.08	187.20 7.85 -91.19	174.74 7.85 -78.63	159.41 7.04 -70.57	151.53 6.60 -68.25	147.10 6.21 -67.78	141.65 6.00 -63.36	135.23 5.56 -57.52
TRINITY___115KV___4 BK 55933	167.20 3.99 -65.86	153.27 4.67 -31.89	147.51 4.88 -20.64	143.18 5.64 0.00	146.89 5.38 0.00	155.52 5.84 0.00	176.84 5.06 -38.75	198.39 4.56 -63.49	203.07 5.21 -60.71	162.64 4.27 -48.81	132.79 4.32 -28.13	119.15 3.95 -27.40	114.41 3.94 -22.94	113.58 3.93 -22.38	120.42 3.93 -29.05	147.93 3.77 -56.54	186.95 3.78 -95.37	271.55 3.70 -179.69	251.39 3.71 -159.43	231.48 3.35 -146.32	192.01 3.14 -112.18	191.41 3.00 -115.31	169.98 3.04 -94.65	136.57 2.96 -61.46
UNION___PROCESSING_DRP 323587	101.50 -2.43 -6.59	115.94 -3.97 -3.19	119.79 -4.27 -2.07	130.94 -6.60 0.00	134.86 -6.65 0.00	142.20 -7.48 0.00	130.79 -6.12 -3.88	125.60 -7.95 -3.22	127.75 -10.29 -0.89	108.07 -6.35 -4.86	95.89 -6.52 -2.06	86.33 -4.21 -2.74	85.00 -4.46 -1.94	83.88 -4.54 -1.15	84.97 -4.46 -2.00	85.00 -4.21 -1.59	84.66 -5.36 -2.21	85.63 -3.09 -0.55	84.98 -5.12 -1.84	78.41 -4.34 -0.93	76.97 -3.53 -3.81	70.41 -3.51 -0.81	71.16 -3.18 -2.05	75.49 -2.81 -6.15
UPPER HUDSON___HYD 24058	174.34 8.86 -68.14	160.09 10.38 -33.00	154.56 11.22 -21.35	150.05 12.51 0.00	154.25 12.74 0.00	163.44 13.76 0.00	185.89 12.77 -40.09	208.41 12.39 -65.68	238.57 13.17 -88.25	170.35 10.30 -50.50	138.28 8.83 -29.10	123.52 7.38 -28.35	118.62 7.35 -23.73	117.49 7.07 -23.15	124.66 7.17 -30.06	173.40 7.62 -78.16	238.61 8.25 -142.55	397.81 8.20 -301.45	357.33 8.11 -260.96	328.96 7.52 -239.63	243.54 6.90 -159.95	264.80 6.72 -184.97	220.68 6.58 -141.81	142.16 6.42 -63.58
UPPER RAQUET___HYD 24056	95.69 -1.66 0.00	115.43 -1.28 0.00	120.65 -1.34 0.00	136.43 -1.11 0.00	140.67 -0.84 0.00	148.18 -1.50 0.00	130.23 -2.80 0.00	128.78 -1.56 0.00	135.09 -2.05 0.00	107.04 -2.52 0.00	98.95 -1.41 0.00	86.31 -1.49 0.00	86.22 -1.31 0.00	85.97 -1.31 0.00	86.21 -1.22 0.00	86.30 -1.31 0.00	86.49 -1.31 0.00	85.96 -2.20 0.00	85.79 -2.47 0.00	79.93 -1.88 0.00	74.93 -1.76 0.00	72.01 -1.09 0.00	71.06 -1.23 0.00	71.43 -0.72 0.00
VALLEY44_115KV_TB2 355964	101.60 -5.74 -10.00	113.62 -7.94 -4.84	116.34 -8.78 -3.13	128.46 -9.08 0.00	132.46 -9.06 0.00	139.20 -10.48 0.00	127.21 -11.71 -5.88	120.61 -12.51 -2.79	130.69 -10.42 -3.96	101.19 -9.53 -1.16	92.39 -8.93 -0.97	82.65 -9.31 -4.16	80.78 -9.45 -2.70	79.04 -9.25 -1.02	80.42 -9.44 -2.43	81.94 -9.11 -3.43	88.29 -3.25 -3.73	90.42 -8.02 -10.28	92.40 -3.35 -7.49	80.47 -8.18 -6.84	79.99 -7.98 -11.28	71.59 -7.75 -6.23	73.68 -7.23 -8.62	74.99 -6.49 -9.33
VALLEY___115KV_TB 1-4 80826	101.53 4.19 0.00	121.61 4.90 0.00	126.99 5.00 0.00	143.04 5.50 0.00	147.03 5.52 0.00	155.82 6.14 0.00	138.49 5.45 0.00	135.55 5.21 0.00	142.77 5.62 0.00	114.27 4.71 0.00	104.57 4.21 0.00	91.49 3.69 0.00	91.03 3.50 0.00	90.77 3.49 0.00	90.93 3.50 0.00	91.21 3.59 0.00	91.41 3.60 0.00	91.69 3.53 0.00	91.70 3.44 0.00	84.59 2.78 0.00	79.14 2.45 0.00	75.38 2.27 0.00	74.46 2.17 0.00	74.25 2.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	128.43 7.79 -23.30	136.98 8.99 -11.28	138.57 9.27 -7.30	147.44 9.90 0.00	151.42 9.91 0.00	160.76 11.08 0.00	156.85 10.11 -13.71	162.70 9.91 -22.46	167.88 10.56 -20.18	135.70 8.87 -17.27	117.63 7.33 -9.95	103.55 6.06 -9.69	101.42 5.78 -8.12	100.95 5.76 -7.92	103.48 5.77 -10.28	112.84 6.22 -19.00	126.24 6.94 -31.49	150.55 7.23 -55.16	144.66 7.41 -48.99	132.69 6.14 -44.75	119.80 5.67 -37.44	114.45 5.26 -36.08	108.45 4.92 -31.24	98.59 4.69 -21.74
VISCHER___FERRY HYD 24020	169.88 5.84 -66.69	155.89 6.88 -32.30	150.09 7.20 -20.90	145.51 7.97 0.00	149.72 8.20 0.00	158.51 8.83 0.00	180.12 7.85 -39.24	201.92 7.29 -64.29	221.60 7.81 -76.64	165.23 6.24 -49.43	134.75 5.92 -28.48	120.81 5.27 -27.75	115.93 5.16 -23.23	115.09 5.15 -22.66	122.01 5.16 -29.42	161.85 5.26 -68.97	215.88 5.36 -122.72	344.22 5.38 -250.68	312.17 5.38 -218.53	287.34 4.91 -200.62	220.96 4.52 -139.75	233.32 4.39 -155.83	198.70 4.41 -121.99	138.72 4.33 -62.24
V_A_10_SYNC_DSASP 323832	100.04 -4.67 -7.36	113.28 -7.00 -3.57	116.85 -7.45 -2.31	126.81 -10.73 0.00	130.75 -10.76 0.00	137.85 -11.83 0.00	127.25 -10.12 -4.33	120.32 -13.16 -3.15	124.80 -15.50 -3.15	96.92 -10.63 2.01	89.92 -10.64 -0.21	83.13 -7.73 -3.06	81.59 -8.05 -2.11	80.38 -8.03 -1.13	81.41 -8.13 -2.11	81.68 -8.24 -2.30	78.77 -9.22 -0.18	88.45 -7.06 -7.34	85.21 -7.32 -4.27	78.91 -8.10 -5.21	78.42 -6.44 -8.17	71.54 -6.29 -4.72	72.94 -5.57 -6.21	74.12 -4.91 -6.87
V_CMM_10_SYNC_DSASP 323787	95.01 -2.34 0.00	114.49 -2.22 0.00	119.92 -2.07 0.00	135.75 -1.79 0.00	139.82 -1.69 0.00	147.73 -1.95 0.00	130.77 -2.26 0.00	129.03 -1.30 0.00	135.51 -1.64 0.00	107.47 -2.08 0.00	98.95 -1.41 0.00	86.31 -1.49 0.00	86.39 -1.14 0.00	86.05 -1.22 0.00	86.30 -1.14 0.00	86.30 -1.31 0.00	86.32 -1.49 0.00	86.22 -1.94 0.00	86.05 -2.20 0.00	80.25 -1.56 0.00	75.23 -1.46 0.00	71.94 -1.17 0.00	71.06 -1.23 0.00	71.21 -0.94 0.00
V_CMP_10_SYNC_DSASP 323788	96.86 -0.48 0.00	116.71 0.00 0.00	121.99 0.00 0.00	137.95 0.41 0.00	142.22 0.71 0.00	150.28 0.60 0.00	131.83 -1.20 0.00	130.34 0.00 0.00	136.74 -0.41 0.00	108.68 -0.88 0.00	99.95 -0.40 0.00	87.36 -0.44 0.00	87.27 -0.26 0.00	86.93 -0.35 0.00	87.09 -0.35 0.00	87.18 -0.44 0.00	87.28 -0.52 0.00	87.01 -1.15 0.00	86.58 -1.68 0.00	80.34 -1.47 0.00	75.15 -1.53 0.00	71.80 -1.31 0.00	70.63 -1.66 0.00	71.36 -0.79 0.00
V_D_10_SYNC_DSASP 323841	95.40 -1.95 0.00	115.08 -1.63 0.00	120.40 -1.59 0.00	136.30 -1.24 0.00	140.38 -1.14 0.00	148.33 -1.35 0.00	131.04 -1.99 0.00	129.43 -0.91 0.00	135.91 -1.24 0.00	107.80 -1.76 0.00	99.25 -1.10 0.00	86.57 -1.23 0.00	86.66 -0.88 0.00	86.32 -0.96 0.00	86.56 -0.87 0.00	86.57 -1.05 0.00	86.66 -1.14 0.00	86.48 -1.68 0.00	86.32 -1.94 0.00	80.50 -1.31 0.00	75.46 -1.23 0.00	72.23 -0.87 0.00	71.35 -0.94 0.00	71.50 -0.65 0.00
V_E_10_SYNC_DSASP 323830	124.90 10.90 -16.65	136.91 12.14 -8.06	139.41 12.20 -5.22	150.61 13.07 0.00	154.68 13.16 0.00	164.95 15.27 0.00	157.07 14.24 -9.79	168.54 13.68 -24.52	165.35 14.00 -14.21	135.98 11.29 -15.13	119.36 9.13 -9.87	102.01 7.28 -6.93	100.95 6.65 -6.77	102.42 6.55 -8.60	103.87 6.64 -9.79	109.05 7.44 -13.99	116.96 9.05 -20.10	126.06 9.25 -28.65	125.04 9.62 -27.16	116.26 7.85 -26.60	105.89 6.90 -22.30	100.80 6.00 -21.69	95.58 5.42 -17.87	92.95 5.26 -15.54
V_F_30_NSYNC___DSASP 323816	172.75 7.50 -67.91	158.36 8.76 -32.89	152.54 9.27 -21.28	147.86 10.32 0.00	151.98 10.47 0.00	160.91 11.23 0.00	183.23 10.24 -39.96	205.58 9.78 -65.47	234.19 10.42 -86.62	167.99 8.11 -50.33	136.48 7.13 -29.00	122.20 6.14 -28.25	117.31 6.13 -23.66	116.37 6.02 -23.08	123.51 6.12 -29.96	170.88 6.39 -76.87	234.44 6.85 -139.77	389.31 6.79 -294.35	350.08 6.80 -255.02	322.20 6.21 -234.17	239.56 5.75 -157.11	259.49 5.49 -180.90	216.76 5.42 -139.04	140.87 5.34 -63.37

V_F_30_SYNC_DSASP 323786	168.03 4.28 -66.40	153.89 5.02 -32.15	148.05 5.25 -20.81	143.59 6.05 0.00	147.31 5.80 0.00	155.97 6.29 0.00	177.55 5.45 -39.07	199.43 5.08 -64.01	210.17 5.76 -67.26	163.48 4.71 -49.21	133.32 4.62 -28.36	119.64 4.21 -27.63	114.95 4.29 -23.13	114.11 4.28 -22.56	120.92 4.20 -29.29	153.33 4.03 -61.69	198.44 4.04 -106.59	300.88 4.06 -208.67	275.91 4.06 -183.59	253.93 3.60 -168.53	203.68 3.45 -123.55	208.21 3.22 -131.89	181.42 3.25 -105.87	137.29 3.17 -61.96
V_XM_10_SYNC_DSASP 323789	96.86 -0.48 0.00	116.71 0.00 0.00	121.99 0.00 0.00	137.95 0.41 0.00	142.22 0.71 0.00	150.28 0.60 0.00	131.83 -1.20 0.00	130.34 0.00 0.00	136.74 -0.41 0.00	108.68 -0.88 0.00	99.95 -0.40 0.00	87.36 -0.44 0.00	87.27 -0.26 0.00	86.93 -0.35 0.00	87.09 -0.35 0.00	87.18 -0.44 0.00	87.28 -0.52 0.00	87.01 -1.15 0.00	86.58 -1.68 0.00	80.34 -1.47 0.00	75.15 -1.53 0.00	71.80 -1.31 0.00	70.63 -1.66 0.00	71.36 -0.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	156.23 6.91 -51.98	149.82 7.94 -25.17	146.33 8.05 -16.29	146.20 8.66 0.00	150.29 8.77 0.00	158.81 9.13 0.00	172.39 8.78 -30.58	189.04 8.60 -50.11	176.48 9.87 -29.46	156.29 8.22 -38.52	129.37 6.82 -22.20	115.39 5.97 -21.62	111.50 5.86 -18.11	110.70 5.76 -17.66	116.05 5.68 -22.93	123.76 5.78 -30.36	137.21 5.97 -43.43	152.39 6.26 -57.97	150.67 6.27 -56.14	138.72 5.48 -51.43	138.53 5.14 -56.70	121.28 4.83 -43.34	119.86 4.70 -42.87	124.92 4.26 -48.50
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	159.39 8.18 -53.87	152.14 9.34 -26.09	148.39 9.52 -16.88	147.71 10.18 0.00	151.84 10.33 0.00	160.46 10.78 0.00	175.10 10.38 -31.69	192.43 10.17 -51.93	179.49 11.79 -30.55	159.34 9.86 -39.92	131.28 7.93 -23.01	117.23 7.02 -22.41	113.12 6.83 -18.76	112.30 6.72 -18.30	117.84 6.65 -23.76	125.75 6.66 -31.48	139.78 6.94 -45.03	155.46 7.14 -60.15	153.66 7.15 -58.25	141.55 6.38 -53.36	141.38 5.90 -58.79	123.63 5.56 -44.96	122.09 5.35 -44.45	127.33 4.91 -50.27
W50THST__13_KV_LOAD 356117	159.88 8.66 -53.87	152.60 9.80 -26.09	149.00 10.13 -16.88	148.26 10.73 0.00	152.55 11.04 0.00	161.06 11.38 0.00	175.64 10.91 -31.69	193.08 10.82 -51.93	180.17 12.48 -30.55	160.11 10.63 -39.92	131.89 8.53 -23.01	117.67 7.46 -22.41	113.65 7.35 -18.76	112.74 7.16 -18.30	118.37 7.17 -23.76	126.19 7.10 -31.48	140.22 7.38 -45.03	155.98 7.67 -60.15	154.10 7.59 -58.25	141.96 6.79 -53.36	141.84 6.37 -58.79	123.99 5.92 -44.96	122.38 5.64 -44.45	127.62 5.20 -50.27
WADING RIVER_IC_1 23522	162.30 11.09 -53.86	155.63 12.84 -26.08	152.17 13.30 -16.88	151.97 14.44 0.00	155.95 14.44 0.00	164.19 14.51 0.00	180.95 16.22 -31.69	198.15 15.90 -51.92	184.83 17.14 -30.54	159.77 10.30 -39.92	140.11 11.54 -28.22	124.56 9.66 -27.10	116.11 9.02 -19.56	117.60 8.91 -21.42	124.64 7.96 -29.25	141.60 8.15 -45.83	157.16 10.27 -59.08	189.63 11.20 -90.27	177.91 11.91 -77.74	162.02 9.65 -70.57	153.37 8.44 -68.25	148.35 7.46 -67.78	143.89 8.24 -63.36	138.26 8.58 -57.52
WADING RIVER_IC_2 23547	162.30 11.09 -53.86	155.63 12.84 -26.08	152.17 13.30 -16.88	151.97 14.44 0.00	155.95 14.44 0.00	164.19 14.51 0.00	180.95 16.22 -31.69	198.15 15.90 -51.92	184.83 17.14 -30.54	159.77 10.30 -39.92	140.11 11.54 -28.22	124.56 9.66 -27.10	116.11 9.02 -19.56	117.60 8.91 -21.42	124.64 7.96 -29.25	141.60 8.15 -45.83	157.16 10.27 -59.08	189.63 11.20 -90.27	177.91 11.91 -77.74	162.02 9.65 -70.57	153.37 8.44 -68.25	148.35 7.46 -67.78	143.89 8.24 -63.36	138.26 8.58 -57.52
WADING RIVER_IC_3 23601	162.30 11.09 -53.86	155.63 12.84 -26.08	152.17 13.30 -16.88	151.97 14.44 0.00	155.95 14.44 0.00	164.19 14.51 0.00	180.95 16.22 -31.69	198.15 15.90 -51.92	184.83 17.14 -30.54	159.77 10.30 -39.92	140.11 11.54 -28.22	124.56 9.66 -27.10	116.11 9.02 -19.56	117.60 8.91 -21.42	124.64 7.96 -29.25	141.60 8.15 -45.83	157.16 10.27 -59.08	189.63 11.20 -90.27	177.91 11.91 -77.74	162.02 9.65 -70.57	153.37 8.44 -68.25	148.35 7.46 -67.78	143.89 8.24 -63.36	138.26 8.58 -57.52
WALDENNY_12_KV_BK2 80841	100.90 -5.26 -8.81	113.39 -7.59 -4.27	116.34 -8.42 -2.76	126.67 -10.87 0.00	130.62 -10.90 0.00	137.11 -12.57 0.00	126.11 -12.11 -5.18	119.07 -14.21 -2.94	124.56 -16.18 -3.59	90.32 -11.28 7.95	87.88 -11.04 1.44	82.25 -9.22 -3.67	80.51 -9.45 -2.43	79.00 -9.34 -1.06	80.27 -9.44 -2.28	80.49 -8.85 -1.73	75.63 -7.90 4.28	89.28 -7.85 -8.96	83.60 -7.77 -3.11	78.91 -9.00 -6.10	78.83 -7.75 -9.88	71.13 -7.53 -5.55	73.04 -6.80 -7.54	74.32 -6.06 -8.22
WALDEN__HYDRO 24148	156.27 6.72 -52.21	149.81 7.82 -25.28	146.28 7.93 -16.36	146.20 8.66 0.00	150.29 8.77 0.00	158.96 9.28 0.00	172.40 8.65 -30.71	189.13 8.47 -50.33	176.52 9.60 -29.78	156.25 8.00 -38.69	129.27 6.62 -22.30	115.23 5.71 -21.72	111.32 5.60 -18.19	110.51 5.50 -17.74	115.97 5.51 -23.03	123.86 5.61 -30.64	137.72 5.97 -43.94	153.49 6.26 -59.07	151.62 6.27 -57.09	139.59 5.48 -52.31	139.10 5.14 -57.27	121.95 4.83 -44.02	120.30 4.63 -43.38	125.06 4.18 -48.72
WARRENSBURG____ 23737	174.34 8.86 -68.14	160.09 10.38 -33.00	154.56 11.22 -21.35	150.05 12.51 0.00	154.25 12.74 0.00	163.44 13.76 0.00	185.89 12.77 -40.09	208.41 12.39 -65.68	238.57 13.17 -88.25	170.35 10.30 -50.50	138.28 8.83 -29.10	123.52 7.38 -28.35	118.62 7.35 -23.73	117.49 7.07 -23.15	124.66 7.17 -30.06	173.40 7.62 -78.16	238.61 8.25 -142.55	397.81 8.20 -301.45	357.33 8.11 -260.96	328.96 7.52 -239.63	243.54 6.90 -159.95	264.80 6.72 -184.97	220.68 6.58 -141.81	142.16 6.42 -63.58
WATERSIDE____6 8 9 23538	153.18 8.66 -47.17	148.85 9.80 -22.34	144.88 10.00 -12.89	144.17 10.59 3.96	148.17 10.90 4.24	157.68 11.23 3.22	170.05 10.78 -26.24	187.74 10.69 -46.71	179.90 12.21 -30.54	159.67 10.19 -39.92	121.67 8.33 -12.99	109.46 7.38 -14.29	105.64 7.18 -10.93	104.83 7.07 -10.48	109.60 6.99 -15.17	115.88 6.83 -21.43	130.86 7.11 -35.94	146.02 7.58 -50.28	144.86 7.50 -49.11	128.92 6.63 -40.48	132.31 6.21 -49.41	116.13 5.85 -37.18	114.37 5.64 -36.44	119.29 5.12 -42.01
WATKINRD_115KV_LN8_ILLION 55919	100.66 3.31 0.00	120.45 3.73 0.00	125.90 3.90 0.00	141.80 4.26 0.00	145.76 4.25 0.00	154.32 4.64 0.00	137.29 4.26 0.00	134.38 4.04 0.00	141.40 4.25 0.00	113.06 3.51 0.00	103.46 3.11 0.00	90.52 2.72 0.00	90.16 2.63 0.00	89.89 2.62 0.00	90.06 2.62 0.00	90.33 2.72 0.00	90.53 2.72 0.00	90.98 2.82 0.00	90.99 2.74 0.00	84.10 2.29 0.00	78.76 2.07 0.00	75.01 1.90 0.00	74.17 1.88 0.00	73.96 1.80 0.00
WATSON__69_KV_BK 1 55734	163.86 12.66 -53.86	157.15 14.36 -26.08	153.51 14.64 -16.88	153.08 15.54 0.00	157.08 15.57 0.00	165.85 16.17 0.00	181.48 16.76 -31.69	198.94 16.68 -51.92	185.93 18.24 -30.54	162.07 12.60 -39.92	140.61 12.04 -28.22	125.26 10.36 -27.10	117.07 9.98 -19.56	118.56 9.86 -21.42	126.74 10.06 -29.25	143.26 9.81 -45.83	157.87 10.98 -59.08	190.10 11.64 -90.30	177.60 11.56 -77.78	162.52 10.14 -70.57	154.21 9.28 -68.25	149.88 8.99 -67.78	144.26 8.60 -63.36	138.12 8.44 -57.52
WDELAWARE__HYD 323627	153.20 6.71 -49.14	148.33 7.82 -23.80	145.32 7.92 -15.40	146.35 8.81 0.00	150.43 8.92 0.00	159.12 9.44 0.00	170.47 8.52 -28.91	186.44 8.73 -47.37	175.42 9.60 -28.67	153.97 7.99 -36.42	127.96 6.62 -20.98	113.69 5.45 -20.44	109.90 5.25 -17.12	109.03 5.06 -16.70	114.18 5.07 -21.68	122.39 5.43 -29.34	136.26 5.97 -42.48	153.13 6.43 -58.53	151.06 6.62 -56.18	139.00 5.72 -51.47	136.93 5.22 -55.03	121.11 4.90 -43.10	118.87 4.63 -41.95	122.12 4.11 -45.85

WEST BABYLON___IC 23714	162.30 11.10 -53.86	155.52 12.72 -26.08	151.80 12.93 -16.88	151.29 13.75 0.00	155.24 13.73 0.00	163.75 14.07 0.00	178.96 14.23 -31.69	196.46 14.21 -51.92	183.32 15.63 -30.54	161.20 11.72 -39.92	139.41 10.84 -28.22	124.30 9.39 -27.10	116.28 9.19 -19.56	117.77 9.08 -21.42	125.78 9.09 -29.25	142.56 9.11 -45.83	156.64 9.75 -59.08	188.78 10.23 -90.39	176.27 10.15 -77.86	161.37 9.00 -70.57	153.21 8.28 -68.25	148.79 7.90 -67.78	143.24 7.59 -63.36	136.97 7.29 -57.52
WEST CANADA___HYD 24049	98.52 1.17 0.00	118.00 1.29 0.00	123.34 1.34 0.00	138.91 1.38 0.00	142.93 1.41 0.00	151.18 1.50 0.00	134.50 1.47 0.00	131.51 1.17 0.00	138.38 1.23 0.00	110.65 1.10 0.00	101.35 1.00 0.00	88.68 0.88 0.00	88.32 0.79 0.00	88.06 0.78 0.00	88.22 0.79 0.00	88.49 0.88 0.00	88.69 0.88 0.00	89.04 0.88 0.00	89.23 0.97 0.00	82.54 0.73 0.00	77.38 0.69 0.00	73.77 0.66 0.00	72.94 0.65 0.00	72.73 0.57 0.00
WESTERN_NY_WIND 24143	101.49 -3.50 -7.65	114.82 -5.60 -3.70	118.29 -6.10 -2.40	128.60 -8.94 0.00	132.60 -8.92 0.00	139.65 -10.03 0.00	128.22 -9.31 -4.50	122.52 -10.95 -3.13	126.12 -14.26 -3.23	98.94 -8.66 1.96	91.62 -8.93 -0.20	84.13 -6.85 -3.18	82.62 -7.09 -2.18	81.40 -6.98 -1.11	82.58 -6.99 -2.14	84.06 -5.87 -2.32	81.27 -6.85 -0.32	90.80 -5.03 -7.66	85.98 -6.62 -4.34	80.56 -6.63 -5.38	79.68 -5.52 -8.51	72.58 -5.41 -4.88	74.00 -4.77 -6.48	75.11 -4.18 -7.14
WESTOVER___LESR 323668	115.34 0.78 -17.21	125.28 0.23 -8.34	127.51 0.12 -5.39	137.26 -0.28 0.00	141.37 -0.14 0.00	149.23 -0.45 0.00	142.76 -0.40 -10.13	142.96 -1.17 -13.80	145.97 -0.96 -9.78	121.55 -0.66 -12.65	106.11 -0.90 -6.66	94.17 -0.79 -7.16	92.16 -1.05 -5.68	91.19 -0.96 -4.88	93.17 -1.05 -6.79	96.84 -0.79 -10.01	103.77 0.18 -15.78	110.69 -0.09 -22.62	110.00 0.35 -21.39	100.19 -0.65 -19.04	96.25 -0.61 -20.18	88.08 -0.66 -15.63	87.31 -0.58 -15.59	87.78 -0.43 -16.06
WETHRSFD_WT_PWR 323626	103.13 -4.18 -9.96	115.00 -6.53 -4.82	117.92 -7.20 -3.12	127.91 -9.63 0.00	131.89 -9.63 0.00	138.90 -10.78 0.00	128.78 -10.12 -5.86	119.88 -12.51 -2.06	126.90 -13.99 -3.75	56.45 -10.85 42.25	78.79 -10.74 10.83	83.08 -8.86 -4.14	80.95 -9.19 -2.61	78.79 -9.25 -0.77	80.29 -9.35 -2.21	74.90 -9.29 3.42	47.22 -8.08 32.51	89.95 -8.46 -10.25	71.61 -7.68 8.97	80.81 -7.61 -6.61	80.19 -7.74 -11.24	71.47 -7.68 -6.04	73.87 -7.01 -8.59	75.10 -6.35 -9.30
WHAVSTOR_138KV_BK127 55557	155.81 6.42 -52.04	149.26 7.35 -25.20	145.86 7.56 -16.31	145.51 7.98 0.00	149.72 8.21 0.00	158.21 8.53 0.00	171.76 8.12 -30.62	188.58 8.08 -50.16	175.83 9.19 -29.49	155.79 7.67 -38.56	128.90 6.32 -22.22	115.07 5.62 -21.65	111.17 5.51 -18.13	110.37 5.41 -17.68	115.72 5.33 -22.95	123.45 5.43 -30.40	136.91 5.62 -43.48	152.02 5.82 -58.04	150.29 5.82 -56.21	138.45 5.15 -51.49	138.29 4.83 -56.77	121.04 4.53 -43.40	119.55 4.34 -42.92	124.68 3.97 -48.56
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	155.81 6.42 -52.04	149.26 7.35 -25.20	145.86 7.56 -16.31	145.51 7.98 0.00	149.72 8.21 0.00	158.21 8.53 0.00	171.76 8.12 -30.62	188.58 8.08 -50.16	175.83 9.19 -29.49	155.79 7.67 -38.56	128.90 6.32 -22.22	115.07 5.62 -21.65	111.17 5.51 -18.13	110.37 5.41 -17.68	115.72 5.33 -22.95	123.45 5.43 -30.40	136.91 5.62 -43.48	152.02 5.82 -58.04	150.29 5.82 -56.21	138.45 5.15 -51.49	138.29 4.83 -56.77	121.04 4.53 -43.40	119.55 4.34 -42.92	124.68 3.97 -48.56
WHITEHAL_115KV_TB1 80871	176.16 10.81 -68.01	162.14 12.49 -32.93	156.85 13.54 -21.31	152.53 14.99 0.00	156.80 15.28 0.00	166.29 16.61 0.00	188.48 15.43 -40.01	211.02 15.12 -65.56	240.68 16.18 -87.34	172.45 12.49 -50.40	140.03 10.64 -29.04	124.96 8.87 -28.30	120.06 8.84 -23.69	118.94 8.55 -23.11	126.18 8.74 -30.00	174.35 9.29 -77.44	239.00 10.19 -141.00	395.79 10.14 -297.49	355.97 10.06 -257.65	327.47 9.08 -236.59	243.57 8.51 -158.37	263.92 8.12 -182.70	220.51 7.95 -140.27	143.27 7.65 -63.47
WHITEPLN_13_KV_LOAD 356215	159.48 8.37 -53.76	152.32 9.57 -26.03	148.72 9.88 -16.85	148.13 10.59 0.00	152.41 10.90 0.00	160.91 11.23 0.00	175.44 10.78 -31.63	192.72 10.56 -51.83	179.57 11.93 -30.49	159.37 9.97 -39.84	131.54 8.23 -22.96	117.45 7.29 -22.37	113.26 7.00 -18.73	112.52 6.98 -18.27	118.06 6.91 -23.72	126.04 7.01 -31.42	140.04 7.29 -44.95	155.78 7.58 -60.04	153.99 7.59 -58.14	141.78 6.71 -53.26	141.65 6.29 -58.67	123.84 5.85 -44.88	122.30 5.64 -44.37	127.45 5.12 -50.17
WM_FLOYD_69_KV_BK2 356380	164.35 13.14 -53.86	157.50 14.71 -26.08	153.75 14.88 -16.88	153.35 15.82 0.00	157.50 15.99 0.00	166.44 16.76 0.00	182.81 18.09 -31.69	200.50 18.25 -51.92	187.44 19.75 -30.54	161.41 11.94 -39.92	140.61 12.04 -28.22	125.00 10.10 -27.10	116.63 9.54 -19.56	118.03 9.34 -21.42	126.39 9.71 -29.25	142.47 9.02 -45.83	157.87 10.98 -59.08	190.33 11.90 -90.27	177.83 11.83 -77.74	162.60 10.23 -70.57	154.06 9.13 -68.25	150.03 9.14 -67.78	144.33 8.68 -63.36	138.55 8.88 -57.52
WOODARD___115KV_TB2 355635	101.13 -1.07 -4.85	117.31 -1.75 -2.35	121.56 -1.95 -1.52	134.79 -2.75 0.00	138.82 -2.69 0.00	146.69 -2.99 0.00	133.49 -2.39 -2.86	132.28 -2.74 -4.68	135.30 -3.15 -1.31	111.07 -2.08 -3.60	100.32 -2.11 -2.07	88.24 -1.58 -2.02	87.47 -1.75 -1.69	87.18 -1.75 -1.65	87.83 -1.75 -2.14	87.67 -1.66 -1.72	87.70 -1.67 -1.56	87.42 -1.15 -0.41	88.10 -1.50 -1.35	81.68 -1.47 -1.35	78.19 -1.30 -2.80	72.88 -1.39 -1.16	72.50 -1.30 -1.51	75.39 -1.30 -4.53
YORK___WARBASSE 23770	207.24 8.96 -100.94	179.18 10.04 -52.43	177.11 10.25 -44.87	176.00 10.73 -27.74	182.22 11.04 -29.67	183.47 11.23 -22.56	214.02 11.04 -69.95	229.94 11.08 -88.53	244.35 12.75 -94.45	227.97 10.63 -107.79	202.12 8.63 -93.14	174.75 7.64 -79.31	168.62 7.44 -73.65	167.62 7.24 -73.10	178.63 7.26 -83.94	196.72 7.18 -101.92	204.14 7.55 -108.78	225.61 8.02 -129.42	218.71 8.03 -122.42	232.54 7.12 -143.61	207.86 6.60 -124.58	178.88 6.21 -99.55	178.75 5.86 -100.60	185.64 5.34 -108.15