

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

02/18/2025

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	140.63	146.79	132.04	121.87	96.07	87.71	122.55	133.41	115.17	88.57	143.77	123.71	123.93	101.20	109.61	120.53	152.44	158.17	165.32	189.21	212.12	158.66	154.93	149.31
24138	10.21	10.73	9.54	8.72	6.80	5.12	7.55	9.02	8.23	5.03	11.84	5.36	8.58	4.14	4.21	5.15	13.32	11.96	11.56	11.75	13.79	11.72	11.74	10.86
	0.00	0.00	0.00	0.00	0.00	-17.06	-10.23	-1.73	-2.98	-23.25	0.00	-62.85	-25.71	-53.90	-61.22	-63.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	141.05	147.14	132.40	122.12	96.30	87.88	122.79	133.60	115.29	88.62	143.66	123.66	123.83	101.15	109.58	120.48	152.28	158.10	165.81	190.07	213.06	159.22	155.37	149.77
24260	10.64	11.08	9.91	8.97	7.04	5.28	7.79	9.21	8.35	5.07	11.73	5.29	8.47	4.09	4.17	5.09	13.16	11.89	12.05	12.61	14.73	12.28	12.18	11.32
	0.00	0.00	0.00	0.00	0.00	-17.06	-10.23	-1.73	-2.98	-23.26	0.00	-62.86	-25.71	-53.91	-61.22	-63.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	141.05	147.14	132.40	122.12	96.30	87.88	122.79	133.60	115.29	88.62	143.66	123.66	123.83	101.15	109.58	120.48	152.28	158.10	165.81	190.07	213.06	159.22	155.37	149.77
24261	10.64	11.08	9.91	8.97	7.04	5.28	7.79	9.21	8.35	5.07	11.73	5.29	8.47	4.09	4.17	5.09	13.16	11.89	12.05	12.61	14.73	12.28	12.18	11.32
	0.00	0.00	0.00	0.00	0.00	-17.06	-10.23	-1.73	-2.98	-23.26	0.00	-62.86	-25.71	-53.91	-61.22	-63.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	142.85	148.84	133.95	123.70	97.64	173.73	225.98	153.62	146.68	116.42	145.13	140.25	130.83	115.30	125.84	137.29	153.37	160.46	168.23	194.19	217.00	161.48	157.43	152.10
24011	12.43	12.78	11.45	10.55	8.38	6.54	10.53	12.23	10.51	6.13	13.20	5.43	8.74	4.13	4.40	5.28	14.25	14.25	14.47	16.73	18.67	14.53	14.23	13.64
	0.00	0.00	0.00	0.00	0.00	-101.66	-110.68	-18.73	-32.20	-49.99	0.00	-79.31	-32.45	-68.01	-77.25	-80.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	143.70	149.66	134.62	124.33	98.14	174.73	227.46	154.67	147.66	117.01	146.07	140.69	131.48	115.64	126.22	137.74	154.66	161.87	169.64	195.95	218.77	162.76	158.86	153.52
23798	13.29	13.59	12.12	11.18	8.87	6.99	11.34	13.17	11.29	6.56	14.14	5.82	9.37	4.42	4.73	5.68	15.54	15.66	15.88	18.49	20.44	15.82	15.67	15.06
	0.00	0.00	0.00	0.00	0.00	-102.21	-111.35	-18.84	-32.40	-50.15	0.00	-79.37	-32.47	-68.06	-77.31	-80.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	142.85	148.84	133.95	123.70	97.64	173.73	225.98	153.62	146.68	116.42	145.13	140.25	130.83	115.30	125.84	137.29	153.37	160.46	168.23	194.19	217.00	161.48	157.43	152.10
24028	12.43	12.78	11.45	10.55	8.38	6.54	10.53	12.23	10.51	6.13	13.20	5.43	8.74	4.13	4.40	5.28	14.25	14.25	14.47	16.73	18.67	14.53	14.23	13.64
	0.00	0.00	0.00	0.00	0.00	-101.66	-110.68	-18.73	-32.20	-49.99	0.00	-79.31	-32.45	-68.01	-77.25	-80.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	140.32	146.21	131.59	121.51	95.90	144.71	189.70	144.04	133.82	106.70	140.99	135.90	127.11	111.75	121.87	132.95	148.38	154.66	162.03	187.22	210.35	156.89	153.15	147.94
23527	9.91	10.14	9.10	8.35	6.63	5.10	7.45	8.27	7.32	4.35	9.06	3.88	6.16	2.97	3.15	3.77	9.26	8.45	8.27	9.76	12.03	9.94	9.96	9.49
	0.00	0.00	0.00	0.00	0.00	-74.08	-77.48	-13.11	-22.54	-42.06	0.00	-76.52	-31.30	-65.62	-74.53	-77.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	135.05	140.72	127.05	117.61	92.92	124.44	163.91	135.87	123.93	100.32	136.63	134.27	124.30	110.71	120.57	130.94	142.64	148.67	155.95	179.70	201.36	150.16	146.41	141.67
24190	4.64	4.66	4.56	4.45	3.65	2.53	3.27	3.76	3.71	2.47	4.70	2.03	3.26	1.74	1.65	1.54	3.52	2.46	2.18	2.24	3.03	3.22	3.22	3.22
	0.00	0.00	0.00	0.00	0.00	-56.38	-55.87	-9.45	-16.26	-37.55	0.00	-76.73	-31.39	-65.80	-74.74	-77.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	127.80	133.12	119.65	92.29	21.91	34.02	102.55	120.54	80.41	58.69	62.54	-0.22	75.18	42.20	4.36	-1.66	135.81	144.81	152.39	176.31	196.94	144.29	140.42	136.13
355683	-2.61	-2.95	-2.85	-2.64	-2.05	-1.70	-2.22	-2.12	-2.49	-1.60	-3.23	-1.63	-2.01	-0.96	-1.09	-1.49	-3.30	-1.40	-1.38	-1.16	-1.39	-2.65	-2.77	-2.32
	0.00	0.00	0.00	18.21	65.30	29.81	0.00	0.00	21.06	0.00	66.17	54.10	12.45	0.00	38.73	52.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	137.03	142.88	128.94	119.23	94.06	113.04	150.77	135.21	120.65	97.07	137.47	133.21	124.17	109.60	119.36	130.27	145.07	151.65	159.16	183.50	205.45	153.13	149.29	144.49
323833	6.61	6.81	6.44	6.08	4.80	3.43	4.89	5.60	4.72	2.80	5.54	2.33	3.68	1.80	1.76	2.23	5.96	5.44	5.40	6.04	7.12	6.18	6.10	6.04
	0.00	0.00	0.00	0.00	0.00	-44.08	-41.11	-6.95	-11.96	-33.97	0.00	-75.38	-30.84	-64.64	-73.42	-76.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	136.98	142.84	128.89	119.20	94.01	113.00	150.74	135.15	120.61	97.06	137.42	133.20	124.14	109.60	119.36	130.27	145.03	151.57	159.12	183.43	205.40	153.07	149.23	144.45
323834	6.57	6.78	6.39	6.05	4.75	3.40	4.89	5.54	4.69	2.79	5.49	2.31	3.66	1.79	1.75	2.23	5.91	5.36	5.36	5.97	7.07	6.12	6.04	6.01
	0.00	0.00	0.00	0.00	0.00	-44.07	-41.08	-6.95	-11.95	-33.97	0.00	-75.39	-30.84	-64.65	-73.43	-76.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	135.05	140.72	127.05	117.61	92.92	124.44	163.91	135.87	123.93	100.32	136.63	134.27	124.30	110.71	120.57	130.94	142.64	148.67	155.95	179.70	201.36	150.16	146.41	141.67
23571	4.64	4.66	4.56	4.45	3.65	2.53	3.27	3.76	3.71	2.47	4.70	2.03	3.26	1.74	1.65	1.54	3.52	2.46	2.18	2.24	3.03	3.22	3.22	3.22
	0.00	0.00	0.00	0.00	0.00	-56.38	-55.87	-9.45	-16.26	-37.55	0.00	-76.73	-31.39	-65.80	-74.74	-77.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	135.05 4.64 0.00	140.72 4.66 0.00	127.05 4.56 0.00	117.61 4.45 0.00	92.92 3.65 0.00	124.44 2.53 -56.38	163.91 3.27 -55.87	135.87 3.76 -9.45	123.93 3.71 -16.26	100.32 2.47 -37.55	136.63 4.70 0.00	134.27 2.03 -76.73	124.30 3.26 -31.39	110.71 1.74 -65.80	120.57 1.65 -74.74	130.94 1.54 -77.47	142.64 3.52 0.00	148.67 2.46 0.00	155.95 2.18 0.00	179.70 2.24 0.00	201.36 3.03 0.00	150.16 3.22 0.00	146.41 3.22 0.00	141.67 3.22 0.00
ALBANY___3 23573	135.05 4.64 0.00	140.72 4.66 0.00	127.05 4.56 0.00	117.61 4.45 0.00	92.92 3.65 0.00	124.44 2.53 -56.38	163.91 3.27 -55.87	135.87 3.76 -9.45	123.93 3.71 -16.26	100.32 2.47 -37.55	136.63 4.70 0.00	134.27 2.03 -76.73	124.30 3.26 -31.39	110.71 1.74 -65.80	120.57 1.65 -74.74	130.94 1.54 -77.47	142.64 3.52 0.00	148.67 2.46 0.00	155.95 2.18 0.00	179.70 2.24 0.00	201.36 3.03 0.00	150.16 3.22 0.00	146.41 3.22 0.00	141.67 3.22 0.00
ALBANY___4 23574	135.05 4.64 0.00	140.72 4.66 0.00	127.05 4.56 0.00	117.61 4.45 0.00	92.92 3.65 0.00	124.44 2.53 -56.38	163.91 3.27 -55.87	135.87 3.76 -9.45	123.93 3.71 -16.26	100.32 2.47 -37.55	136.63 4.70 0.00	134.27 2.03 -76.73	124.30 3.26 -31.39	110.71 1.74 -65.80	120.57 1.65 -74.74	130.94 1.54 -77.47	142.64 3.52 0.00	148.67 2.46 0.00	155.95 2.18 0.00	179.70 2.24 0.00	201.36 3.03 0.00	150.16 3.22 0.00	146.41 3.22 0.00	141.67 3.22 0.00
ALBANY___LFGE 323615	136.30 5.89 0.00	142.06 5.99 0.00	128.20 5.70 0.00	118.59 5.44 0.00	93.65 4.39 0.00	138.65 3.13 -69.99	181.50 4.37 -72.36	139.95 5.05 -12.24	129.83 4.82 -21.05	104.64 3.07 -41.28	138.02 6.09 0.00	135.62 2.64 -77.47	125.56 4.22 -31.69	111.77 2.17 -66.44	121.75 2.11 -75.46	132.34 2.19 -78.22	144.46 5.34 0.00	150.63 4.42 0.00	158.02 4.25 0.00	182.08 4.62 0.00	203.93 5.61 0.00	152.03 5.08 0.00	148.18 4.99 0.00	143.27 4.82 0.00
ALCOA_PA_115KV_PL-6C 55860	128.63 -1.79 0.00	133.77 -2.30 0.00	120.13 -2.37 0.00	93.12 -2.40 17.63	24.36 -1.88 63.02	37.16 -1.62 26.74	107.58 -2.01 -4.82	127.12 -1.06 -5.52	85.14 -2.39 16.43	61.46 -1.63 -2.79	66.87 -3.34 61.72	2.07 -1.67 51.77	79.60 -1.73 8.30	44.94 -0.69 -2.47	6.80 -0.88 36.50	0.18 -1.57 50.18	135.69 -3.43 0.00	145.85 -0.36 0.00	153.40 -0.36 0.00	177.49 0.03 0.00	198.26 -0.07 0.00	144.37 -2.57 0.00	140.57 -2.62 0.00	136.43 -2.02 0.00
ALCOA_RYNLDS___DRP 24188	128.63 -1.79 0.00	133.77 -2.30 0.00	120.13 -2.37 0.00	93.12 -2.40 17.63	24.36 -1.88 63.02	37.16 -1.62 26.74	107.58 -2.01 -4.82	127.12 -1.06 -5.52	85.14 -2.39 16.43	61.46 -1.63 -2.79	66.87 -3.34 61.72	2.07 -1.67 51.77	79.60 -1.73 8.30	44.94 -0.69 -2.47	6.80 -0.88 36.50	0.18 -1.57 50.18	135.69 -3.43 0.00	145.85 -0.36 0.00	153.40 -0.36 0.00	177.49 0.03 0.00	198.26 -0.07 0.00	144.37 -2.57 0.00	140.57 -2.62 0.00	136.43 -2.02 0.00
ALCOA___DSASP 323711	128.63 -1.79 0.00	133.77 -2.30 0.00	120.12 -2.37 0.00	93.13 -2.39 17.63	24.36 -1.88 63.02	37.16 -1.63 26.74	107.58 -2.01 -4.82	127.12 -1.06 -5.52	85.14 -2.39 16.43	61.45 -1.64 -2.79	66.87 -3.34 61.72	2.07 -1.66 51.77	79.60 -1.74 8.30	44.94 -0.69 -2.47	6.80 -0.88 36.50	0.18 -1.57 50.18	135.69 -3.43 0.00	145.85 -0.36 0.00	153.40 -0.36 0.00	177.50 0.04 0.00	198.26 -0.07 0.00	144.37 -2.58 0.00	140.57 -2.62 0.00	136.43 -2.02 0.00
ALLEGHENY___COGEN 23514	130.21 -0.20 0.00	135.28 -0.79 0.00	122.21 -0.28 0.00	112.53 -0.62 0.00	88.46 -0.80 0.00	66.23 -1.43 -2.12	100.35 -4.43 0.00	114.43 -8.23 0.00	97.06 -6.90 0.00	59.84 -4.77 -4.32	118.67 -13.15 0.12	62.26 -5.23 -11.99	85.20 -9.35 -4.91	48.74 -4.71 -10.28	51.32 -4.58 -11.71	59.34 -4.80 -12.21	128.17 -10.95 0.00	137.90 -8.31 0.00	143.89 -9.87 0.00	169.00 -8.46 0.00	200.55 2.22 0.00	147.08 0.14 0.00	142.46 -0.73 0.00	137.30 -1.15 0.00
ALTAMONT_115KV_TB 2 55880	135.63 5.22 0.00	141.50 5.43 0.00	127.49 4.99 0.00	117.80 4.65 0.00	92.90 3.64 0.00	114.22 2.68 -46.00	151.91 3.91 -43.23	134.45 4.48 -7.32	120.64 4.10 -12.58	97.64 2.51 -34.84	137.15 5.22 0.00	134.40 2.28 -76.63	124.61 3.62 -31.35	110.67 1.79 -65.71	120.64 1.82 -74.64	131.37 2.08 -77.37	144.37 5.25 0.00	150.64 4.43 0.00	158.14 4.37 0.00	182.25 4.79 0.00	204.12 5.78 0.00	152.13 5.19 0.00	148.33 5.14 0.00	143.34 4.89 0.00
ALTONA_WT_PWR 323606	126.67 -3.74 0.00	131.80 -4.26 0.00	118.45 -4.05 0.00	90.88 -3.98 18.30	15.45 -3.31 70.51	-21.11 -2.64 84.00	-20.93 -3.66 122.04	-20.85 -3.70 139.81	-20.80 -3.83 120.93	-21.01 -2.46 78.85	-21.01 -4.91 148.03	-20.94 -2.41 74.03	-21.12 -3.54 107.22	-21.14 -1.69 62.61	-20.95 -1.83 63.30	-10.73 -2.22 60.44	135.10 -4.02 0.00	144.69 -1.52 0.00	151.75 -2.01 0.00	174.40 -3.06 0.00	195.64 -2.69 0.00	143.49 -3.46 0.00	139.17 -4.02 0.00	134.78 -3.68 0.00
AMERICAN_REF_FUEL 24010	116.99 -13.43 0.00	121.69 -14.38 0.00	110.33 -12.17 0.00	101.47 -11.68 0.00	79.66 -9.60 0.00	60.57 -6.88 -1.92	93.62 -11.15 0.00	107.57 -15.08 0.00	91.71 -12.25 0.00	57.34 -6.90 -3.94	115.79 -16.07 0.07	59.66 -6.81 -10.96	82.50 -11.63 -4.49	46.41 -6.16 -9.40	48.69 -6.19 -10.70	55.81 -7.23 -11.12	120.13 -18.99 0.00	126.45 -19.76 0.00	133.03 -20.73 0.00	156.18 -21.28 0.00	172.47 -25.86 0.00	128.91 -18.04 0.00	125.22 -17.97 0.00	121.87 -16.58 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	120.19 -10.22 0.00	124.87 -11.20 0.00	113.09 -9.40 0.00	104.07 -9.08 0.00	81.89 -7.38 0.00	62.76 -4.92 -2.15	97.27 -7.49 0.00	112.90 -9.76 0.00	96.14 -7.83 0.00	60.08 -4.60 -4.39	120.40 -11.44 0.09	62.77 -4.92 -12.18	86.14 -8.48 -4.98	49.08 -4.54 -10.45	51.62 -4.45 -11.89	59.07 -5.22 -12.36	125.95 -13.17 0.00	133.00 -13.21 0.00	140.87 -12.89 0.00	164.66 -12.80 0.00	181.78 -16.55 0.00	136.10 -10.84 0.00	133.20 -9.99 0.00	127.45 -11.00 0.00
ARTHUR KILL_GT_1 23520	140.58 10.17 0.00	146.66 10.59 0.00	131.82 9.33 0.00	121.71 8.55 -0.01	106.91 6.87 -10.78	102.44 5.34 -31.57	122.20 7.20 -10.23	646.13 8.24 -515.23	1067.92 7.81 -956.15	375.52 4.80 -310.42	478.60 10.52 -336.15	424.01 4.69 -363.82	372.54 7.43 -275.46	198.68 3.74 -151.77	260.16 3.84 -212.14	495.92 4.71 -439.28	696.71 12.20 -545.40	720.00 10.89 -562.90	920.42 11.09 -755.57	432.22 11.57 -243.19	930.34 14.39 -717.62	432.03 12.21 -272.88	509.06 11.76 -354.10	226.98 10.60 -77.92
ARTHUR_KILL_2 23512	140.19 9.78 0.00	146.20 10.14 0.00	131.44 8.95 0.00	121.36 8.19 -0.01	106.60 6.55 -10.78	102.21 5.11 -31.57	121.90 6.90 -10.23	645.77 7.88 -515.23	1067.64 7.53 -956.15	375.37 4.65 -310.42	478.29 10.21 -336.15	423.89 4.56 -363.82	372.34 7.23 -275.46	198.58 3.65 -151.77	260.07 3.74 -212.14	495.80 4.59 -439.28	696.36 11.85 -545.40	719.58 10.47 -562.90	919.93 10.60 -755.57	431.59 10.94 -243.19	929.70 13.75 -717.62	431.58 11.76 -272.88	508.64 11.34 -354.10	226.60 10.23 -77.92
ARTHUR_KILL_3 23513	139.26 8.85 0.00	145.28 9.22 0.00	130.61 8.12 0.00	120.56 7.40 -0.01	106.41 5.81 -11.34	102.16 4.31 -32.32	120.22 6.22 -9.23	668.13 7.41 -538.05	1114.01 6.78 -1003.26	389.68 4.13 -325.26	509.32 9.69 -367.70	432.14 4.49 -372.14	372.25 7.17 -275.44	208.22 3.48 -161.58	284.16 3.54 -236.44	519.49 4.32 -463.24	723.82 11.13 -573.58	752.12 9.75 -596.17	961.51 9.79 -797.95	442.23 9.93 -254.84	964.80 11.77 -754.71	443.37 10.12 -286.30	510.40 10.12 -357.09	229.81 9.40 -81.95



ARTHUR_KILL_COGEN 323718	140.58 10.17 0.00	146.66 10.59 0.00	131.82 9.33 0.00	121.71 8.55 -0.01	106.91 6.87 -10.78	102.44 5.34 -31.57	122.20 7.20 -10.23	646.13 8.24 -515.23	1067.92 7.81 -956.15	375.52 4.80 -310.42	478.60 10.52 -336.15	424.01 4.69 -363.82	372.54 7.43 -275.46	198.68 3.74 -151.77	260.16 3.84 -212.14	495.92 4.71 -439.28	696.71 12.20 -545.40	720.00 10.89 -562.90	920.42 11.09 -755.57	432.22 11.57 -243.19	930.34 14.39 -717.62	432.03 12.21 -272.88	509.06 11.76 -354.10	226.98 10.60 -77.92
ASHOKAN____ 23654	143.03 12.62 0.00	149.11 13.04 0.00	134.46 11.97 0.00	124.15 10.99 0.00	97.97 8.70 0.00	106.99 5.95 -35.51	145.53 9.27 -31.48	139.29 11.31 -5.33	122.58 9.45 -9.16	96.11 5.57 -30.25	143.72 11.79 0.00	130.51 4.69 -70.32	126.37 7.96 -28.77	107.08 3.61 -60.30	116.30 3.62 -68.49	127.46 4.54 -70.99	152.37 13.25 0.00	159.47 13.25 0.00	167.76 14.00 0.00	193.05 15.59 0.00	215.76 17.43 0.00	160.77 13.82 0.00	156.40 13.21 0.00	150.85 12.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	140.50 10.08 0.00	146.02 9.95 0.00	131.31 8.81 0.00	121.25 8.10 0.00	95.32 6.06 0.00	87.14 4.54 -17.06	121.86 6.86 -10.23	132.89 8.50 -1.73	114.74 7.80 -2.98	88.25 4.70 -23.26	142.87 10.92 -0.02	123.40 5.02 -62.88	123.41 8.03 -25.74	100.95 3.87 -53.91	109.35 3.94 -61.23	120.20 4.80 -63.47	151.48 12.35 0.00	157.03 10.82 0.00	164.51 10.74 -0.01	188.43 10.97 0.00	211.47 13.14 0.00	158.27 11.33 0.00	154.32 11.12 -0.01	148.74 10.29 0.00
ASTORIA_EAST_ENERGY_CC2 323582	140.61 10.20 0.00	146.07 10.01 0.00	131.35 8.85 0.00	121.31 8.15 0.00	95.34 6.08 0.00	87.17 4.57 -17.06	121.87 6.87 -10.23	132.90 8.51 -1.73	114.74 7.80 -2.98	88.25 4.70 -23.26	142.87 10.92 -0.02	123.40 5.02 -62.88	123.40 8.02 -25.74	100.95 3.87 -53.91	109.35 3.94 -61.23	120.20 4.80 -63.47	151.48 12.35 0.00	157.02 10.81 0.00	164.50 10.73 -0.01	188.43 10.97 0.00	211.47 13.14 0.00	158.26 11.32 0.00	154.30 11.10 -0.01	148.68 10.23 0.00
ASTORIA_GT2_1 24094	140.54 10.13 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT2_2 24095	140.54 10.13 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT2_3 24096	140.54 10.13 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT2_4 24097	140.54 10.13 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT3_1 24098	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT3_2 24099	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT3_3 24100	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT3_4 24101	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT4_1 24102	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT4_2 24103	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT4_3 24104	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00



ASTORIA_GT4_4 24105	140.62 10.21 0.00	146.06 10.00 0.00	131.34 8.85 0.00	121.30 8.15 0.00	95.34 6.07 0.00	87.18 4.59 -17.06	121.91 6.91 -10.23	132.95 8.56 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	143.01 11.06 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.88 -53.91	109.36 3.94 -61.23	120.21 4.81 -63.47	151.50 12.38 0.00	157.06 10.85 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.33 11.39 0.00	154.42 11.22 -0.01	148.75 10.30 0.00
ASTORIA_GT_1 23523	140.83 10.41 0.00	146.35 10.28 0.00	131.56 9.06 0.00	121.50 8.35 0.00	95.52 6.25 0.00	87.31 4.72 -17.06	122.13 7.13 -10.23	133.22 8.83 -1.73	115.06 8.12 -2.98	88.42 4.87 -23.26	143.23 11.28 -0.02	123.55 5.16 -62.88	123.64 8.26 -25.74	101.06 3.98 -53.91	109.48 4.06 -61.23	120.34 4.94 -63.47	151.85 12.73 0.00	157.44 11.24 0.00	164.96 11.19 -0.01	188.96 11.50 0.00	212.03 13.70 0.00	158.69 11.75 0.00	154.68 11.48 -0.01	149.04 10.59 0.00
ASTORIA_GT_10 24110	140.61 10.20 0.00	146.69 10.62 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.86 6.59 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.87 8.48 -1.73	114.79 7.85 -2.98	88.32 4.77 -23.26	151.00 11.22 -7.85	151.51 5.10 -90.91	149.77 8.13 -51.99	112.14 3.94 -65.04	109.42 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.32 11.11 0.00	169.67 11.39 -4.52	189.02 11.56 0.00	212.15 13.82 0.00	159.24 11.65 -0.64	169.56 11.81 -14.55	149.36 10.91 0.00
ASTORIA_GT_11 24225	140.61 10.20 0.00	146.69 10.62 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.86 6.59 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.87 8.48 -1.73	114.79 7.85 -2.98	88.32 4.77 -23.26	151.00 11.22 -7.85	151.51 5.10 -90.91	149.77 8.13 -51.99	112.14 3.94 -65.04	109.42 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.32 11.11 0.00	169.67 11.39 -4.52	189.02 11.56 0.00	212.15 13.82 0.00	159.24 11.65 -0.64	169.56 11.81 -14.55	149.36 10.91 0.00
ASTORIA_GT_12 24226	140.61 10.20 0.00	146.69 10.62 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.86 6.59 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.87 8.48 -1.73	114.79 7.85 -2.98	88.32 4.77 -23.26	151.00 11.22 -7.85	151.51 5.10 -90.91	149.77 8.13 -51.99	112.14 3.94 -65.04	109.42 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.32 11.11 0.00	169.67 11.39 -4.52	189.02 11.56 0.00	212.15 13.82 0.00	159.24 11.65 -0.64	169.56 11.81 -14.55	149.36 10.91 0.00
ASTORIA_GT_13 24227	140.61 10.20 0.00	146.69 10.62 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.86 6.59 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.87 8.48 -1.73	114.79 7.85 -2.98	88.32 4.77 -23.26	151.00 11.22 -7.85	151.51 5.10 -90.91	149.77 8.13 -51.99	112.14 3.94 -65.04	109.42 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.32 11.11 0.00	169.67 11.39 -4.52	189.02 11.56 0.00	212.15 13.82 0.00	159.24 11.65 -0.64	169.56 11.81 -14.55	149.36 10.91 0.00
ASTORIA_GT_5 24106	140.83 10.41 0.00	146.34 10.27 0.00	131.56 9.06 0.00	121.50 8.35 0.00	95.51 6.25 0.00	87.32 4.72 -17.06	122.13 7.13 -10.23	133.22 8.83 -1.73	115.06 8.12 -2.98	88.42 4.87 -23.26	143.30 11.35 -0.02	123.55 5.16 -62.88	123.64 8.26 -25.74	101.06 3.98 -53.91	109.48 4.07 -61.23	120.34 4.94 -63.47	151.85 12.73 0.00	157.42 11.21 0.00	164.95 11.18 -0.01	188.95 11.49 0.00	212.03 13.70 0.00	158.69 11.75 0.00	154.74 11.54 -0.01	149.05 10.60 0.00
ASTORIA_GT_7 24107	140.83 10.41 0.00	146.34 10.27 0.00	131.56 9.06 0.00	121.50 8.35 0.00	95.51 6.25 0.00	87.32 4.72 -17.06	122.13 7.13 -10.23	133.22 8.83 -1.73	115.06 8.12 -2.98	88.42 4.87 -23.26	143.30 11.35 -0.02	123.55 5.16 -62.88	123.64 8.26 -25.74	101.06 3.98 -53.91	109.48 4.07 -61.23	120.34 4.94 -63.47	151.85 12.73 0.00	157.42 11.21 0.00	164.95 11.18 -0.01	188.95 11.49 0.00	212.03 13.70 0.00	158.69 11.75 0.00	154.74 11.54 -0.01	149.05 10.60 0.00
ASTORIA_GT_8 24108	140.83 10.41 0.00	146.34 10.27 0.00	131.56 9.06 0.00	121.50 8.35 0.00	95.51 6.25 0.00	87.32 4.72 -17.06	122.13 7.13 -10.23	133.22 8.83 -1.73	115.06 8.12 -2.98	88.42 4.87 -23.26	143.30 11.35 -0.02	123.55 5.16 -62.88	123.64 8.26 -25.74	101.06 3.98 -53.91	109.48 4.07 -61.23	120.34 4.94 -63.47	151.85 12.73 0.00	157.42 11.21 0.00	164.95 11.18 -0.01	188.95 11.49 0.00	212.03 13.70 0.00	158.69 11.75 0.00	154.74 11.54 -0.01	149.05 10.60 0.00
ASTORIA___2 24149	140.61 10.20 0.00	146.07 10.01 0.00	131.35 8.85 0.00	121.31 8.15 0.00	95.34 6.08 0.00	87.18 4.59 -17.06	121.92 6.92 -10.23	132.95 8.57 -1.73	114.82 7.88 -2.98	88.30 4.74 -23.26	142.93 10.98 -0.02	123.41 5.03 -62.88	123.43 8.05 -25.74	100.96 3.89 -53.91	109.37 3.96 -61.23	120.21 4.81 -63.47	151.53 12.41 0.00	157.09 10.88 0.00	164.54 10.77 -0.01	188.55 11.09 0.00	211.55 13.22 0.00	158.36 11.42 0.00	154.37 11.17 -0.01	148.74 10.29 0.00
ASTORIA___3 23516	140.61 10.20 0.00	146.70 10.63 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.87 6.60 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.86 8.47 -1.73	114.77 7.83 -2.98	88.32 4.77 -23.26	151.02 11.24 -7.85	151.52 5.10 -90.91	149.77 8.13 -51.99	112.14 3.93 -65.04	109.41 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.33 11.12 0.00	169.68 11.39 -4.52	189.04 11.58 0.00	212.13 13.80 0.00	159.24 11.65 -0.64	169.58 11.83 -14.55	149.36 10.90 0.00
ASTORIA___4 23517	140.61 10.20 0.00	146.69 10.62 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.86 6.59 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.87 8.48 -1.73	114.79 7.85 -2.98	88.32 4.77 -23.26	151.00 11.22 -7.85	151.51 5.10 -90.91	149.77 8.13 -51.99	112.14 3.94 -65.04	109.42 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.32 11.11 0.00	169.67 11.39 -4.52	189.02 11.56 0.00	212.15 13.82 0.00	159.24 11.65 -0.64	169.56 11.81 -14.55	149.36 10.91 0.00
ASTORIA___5 23518	140.61 10.20 0.00	146.70 10.63 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.87 6.60 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.86 8.47 -1.73	114.77 7.83 -2.98	88.32 4.77 -23.26	151.02 11.24 -7.85	151.52 5.10 -90.91	149.77 8.13 -51.99	112.14 3.93 -65.04	109.41 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.33 11.12 0.00	169.68 11.39 -4.52	189.04 11.58 0.00	212.13 13.80 0.00	159.24 11.65 -0.64	169.58 11.83 -14.55	149.36 10.90 0.00
AST_ENERGY_2_CC3 323677	140.03 9.62 0.00	146.00 9.93 0.00	131.32 8.83 0.00	121.20 8.05 0.00	95.52 6.25 0.00	87.24 4.65 -17.06	121.77 6.77 -10.23	132.49 8.10 -1.73	114.32 7.38 -2.98	88.06 4.51 -23.25	142.44 10.51 0.00	123.14 4.78 -62.85	123.01 7.66 -25.71	100.78 3.72 -53.90	109.18 3.78 -61.22	120.01 4.63 -63.46	151.07 11.96 0.00	156.65 10.44 0.00	164.17 10.40 0.00	187.97 10.50 0.00	210.67 12.34 0.00	157.75 10.81 0.00	154.10 10.91 0.00	148.70 10.25 0.00
AST_ENERGY_2_CC4 323678	140.03 9.62 0.00	146.00 9.93 0.00	131.32 8.83 0.00	121.20 8.05 0.00	95.52 6.25 0.00	87.24 4.65 -17.06	121.77 6.77 -10.23	132.49 8.10 -1.73	114.32 7.38 -2.98	88.06 4.51 -23.25	142.44 10.51 0.00	123.14 4.78 -62.85	123.01 7.66 -25.71	100.78 3.72 -53.90	109.18 3.78 -61.22	120.01 4.63 -63.46	151.07 11.96 0.00	156.65 10.44 0.00	164.17 10.40 0.00	187.97 10.50 0.00	210.67 12.34 0.00	157.75 10.81 0.00	154.10 10.91 0.00	148.70 10.25 0.00



ATHENS_STG_1 23668	136.56 6.15 0.00	142.57 6.51 0.00	128.40 5.90 0.00	118.57 5.42 0.00	93.41 4.14 0.00	84.57 3.08 -15.95	117.19 4.55 -7.86	129.30 5.31 -1.33	111.05 4.80 -2.29	87.98 2.90 -24.79	138.28 6.35 0.00	127.25 2.83 -68.92	122.35 4.51 -28.20	104.47 2.20 -59.11	113.57 2.25 -67.13	124.22 2.71 -69.59	146.05 6.93 0.00	152.00 5.79 0.00	159.52 5.75 0.00	183.62 6.17 0.00	205.79 7.46 0.00	153.64 6.70 0.00	149.86 6.67 0.00	144.68 6.23 0.00
ATHENS_STG_2 23670	136.56 6.15 0.00	142.57 6.51 0.00	128.40 5.90 0.00	118.57 5.42 0.00	93.41 4.14 0.00	84.57 3.08 -15.95	117.19 4.55 -7.86	129.30 5.31 -1.33	111.05 4.80 -2.29	87.98 2.90 -24.79	138.28 6.35 0.00	127.25 2.83 -68.92	122.35 4.51 -28.20	104.47 2.20 -59.11	113.57 2.25 -67.13	124.22 2.71 -69.59	146.05 6.93 0.00	152.00 5.79 0.00	159.52 5.75 0.00	183.62 6.17 0.00	205.79 7.46 0.00	153.64 6.70 0.00	149.86 6.67 0.00	144.68 6.23 0.00
ATHENS_STG_3 23677	136.56 6.15 0.00	142.57 6.51 0.00	128.40 5.90 0.00	118.57 5.42 0.00	93.41 4.14 0.00	84.57 3.08 -15.95	117.19 4.55 -7.86	129.30 5.31 -1.33	111.05 4.80 -2.29	87.98 2.90 -24.79	138.28 6.35 0.00	127.25 2.83 -68.92	122.35 4.51 -28.20	104.47 2.20 -59.11	113.57 2.25 -67.13	124.22 2.71 -69.59	146.05 6.93 0.00	152.00 5.79 0.00	159.52 5.75 0.00	183.62 6.17 0.00	205.79 7.46 0.00	153.64 6.70 0.00	149.86 6.67 0.00	144.68 6.23 0.00
AUBURN___LFGE 323710	128.59 -1.83 0.00	134.05 -2.02 0.00	120.84 -1.66 0.00	111.55 -1.60 0.00	88.05 -1.21 0.00	66.61 -0.55 -1.62	104.05 -0.72 0.00	121.54 -1.12 0.00	103.10 -0.87 0.00	63.04 -0.59 -3.34	129.89 -2.07 -0.03	63.99 -0.79 -9.28	91.87 -1.58 -3.80	50.29 -0.83 -7.96	52.42 -0.82 -9.05	60.45 -0.87 -9.40	137.50 -1.62 0.00	144.63 -1.58 0.00	153.14 -0.63 0.00	177.10 -0.36 0.00	196.19 -2.13 0.00	145.50 -1.44 0.00	141.95 -1.24 0.00	136.58 -1.88 0.00
BABYLON_RES_REC 323704	141.72 11.31 0.00	147.86 11.79 0.00	133.29 10.79 0.00	123.14 9.99 0.00	97.31 8.05 0.00	197.97 6.10 -126.34	151.47 9.19 -37.51	152.90 10.95 -19.29	138.46 9.79 -24.71	95.15 5.61 -29.25	144.08 12.15 0.00	123.81 5.47 -62.84	134.28 8.81 -35.83	113.66 4.26 -66.24	109.64 4.25 -61.20	121.84 5.45 -64.46	153.11 13.99 0.00	158.57 12.36 0.00	166.59 12.83 0.00	190.81 13.35 0.00	213.19 14.86 0.00	159.45 12.51 0.00	155.82 12.63 0.00	150.64 12.18 0.00
BABYLON__69_KV_BK2 356345	142.94 12.53 0.00	149.24 13.17 0.00	134.61 12.11 0.00	124.38 11.23 0.00	98.29 9.02 0.00	199.40 6.89 -126.98	154.25 10.33 -39.15	156.74 12.17 -21.91	140.13 10.91 -25.26	95.83 6.29 -29.25	145.47 13.54 0.00	124.39 6.05 -62.84	135.25 9.78 -35.83	114.12 4.72 -66.24	110.10 4.71 -61.20	122.43 6.05 -64.46	154.67 15.55 0.00	160.28 14.07 0.00	168.47 14.71 0.00	193.00 15.54 0.00	215.53 17.20 0.00	161.23 14.29 0.00	157.49 14.30 0.00	152.38 13.93 0.00
BALL_HILL_WT_PWR 323825	120.58 -9.83 0.00	125.32 -10.75 0.00	113.50 -9.00 0.00	104.44 -8.72 0.00	82.10 -7.17 0.00	62.75 -4.87 -2.09	97.08 -7.69 0.00	112.63 -10.03 0.00	95.78 -8.19 0.00	59.78 -4.78 -4.27	120.40 -11.45 0.08	62.52 -4.84 -11.87	86.14 -8.36 -4.85	48.89 -4.45 -10.17	51.44 -4.32 -11.58	58.98 -4.99 -12.04	126.29 -12.83 0.00	133.04 -13.17 0.00	140.38 -13.38 0.00	164.12 -13.34 0.00	181.19 -17.14 0.00	135.36 -11.58 0.00	132.04 -11.15 0.00	127.34 -11.11 0.00
BARON_WINDS___WT_PWR 323822	124.46 -5.96 0.00	129.55 -6.52 0.00	117.05 -5.45 0.00	107.71 -5.44 0.00	84.51 -4.75 0.00	66.77 -3.41 -4.65	102.51 -5.39 -3.13	116.25 -6.93 -0.53	98.52 -6.35 -0.90	61.69 -4.24 -5.63	121.85 -9.93 0.14	66.28 -4.02 -14.80	89.38 -6.32 -6.05	52.61 -3.24 -12.69	55.51 -3.15 -14.47	63.87 -3.17 -15.12	131.62 -7.50 0.00	139.39 -6.82 0.00	147.01 -6.76 0.00	168.87 -8.59 0.00	185.96 -12.37 0.00	138.62 -8.32 0.00	135.32 -7.87 0.00	130.55 -7.90 0.00
BARRETT_IC_1 23704	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_10 23701	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_11 23702	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_12 23703	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_2 23705	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_3 23706	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_4 23707	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00



BARRETT_IC_5 23708	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_6 23709	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_7 23710	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.41 7.14 0.00	196.92 5.36 -126.03	149.48 7.99 -36.73	150.08 9.39 -18.04	136.82 8.41 -24.45	94.53 4.98 -29.25	143.27 11.34 0.00	123.59 5.25 -62.84	133.98 8.51 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.73 12.61 0.00	157.15 10.94 0.00	164.86 11.10 0.00	189.01 11.54 0.00	211.56 13.23 0.00	158.19 11.25 0.00	154.64 11.45 0.00	149.40 10.95 0.00
BARRETT_IC_8 23711	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT_IC_9 23700	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT___1 23545	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BARRETT___2 23546	140.63 10.22 0.00	146.77 10.70 0.00	132.19 9.69 0.00	122.11 8.96 0.00	96.42 7.15 0.00	196.92 5.36 -126.03	149.49 7.99 -36.73	150.08 9.39 -18.04	136.81 8.40 -24.45	94.52 4.98 -29.25	143.30 11.36 0.00	123.59 5.25 -62.84	133.98 8.50 -35.83	113.41 4.01 -66.24	109.35 3.97 -61.20	121.35 4.96 -64.46	151.71 12.59 0.00	157.13 10.92 0.00	164.86 11.10 0.00	189.02 11.56 0.00	211.57 13.25 0.00	158.20 11.25 0.00	154.67 11.47 0.00	149.39 10.94 0.00
BATAVIA__115KV_TB1 55881	123.78 -6.64 0.00	128.60 -7.47 0.00	116.39 -6.10 0.00	107.18 -5.97 0.00	84.31 -4.96 0.00	63.96 -3.36 -1.79	99.65 -5.12 0.00	115.38 -7.28 0.00	98.29 -5.68 0.00	60.72 -3.25 -3.67	123.69 -8.18 0.06	62.18 -3.55 -10.23	87.31 -6.52 -4.18	48.34 -3.59 -8.77	50.64 -3.52 -9.98	58.21 -4.09 -10.37	129.04 -10.08 0.00	136.40 -9.81 0.00	143.69 -10.07 0.00	168.19 -9.27 0.00	185.69 -12.64 0.00	138.14 -8.80 0.00	133.82 -9.37 0.00	129.56 -8.89 0.00
BAYONEEC___CTG1 323682	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG10 323750	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG2 323683	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG3 323684	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG4 323685	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG5 323686	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG6 323687	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00



BAYONEEC___CTG7 323688	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG8 323689	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BAYONEEC___CTG9 323749	140.00 9.58 0.00	145.99 9.92 0.00	131.30 8.81 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	117.80 6.73 -6.30	117.78 8.01 12.88	105.82 7.31 5.45	88.03 4.49 -23.25	142.40 10.47 0.00	123.13 4.78 -62.85	122.99 7.63 -25.71	100.77 3.70 -53.90	109.17 3.76 -61.22	120.00 4.61 -63.46	151.02 11.90 0.00	156.01 10.42 0.62	157.23 10.42 6.96	185.84 10.69 2.30	211.07 12.74 0.00	157.84 10.90 0.00	154.06 10.87 0.00	148.55 10.10 0.00
BEACON___LESR 323632	137.35 6.93 0.00	143.52 7.46 0.00	129.42 6.92 0.00	119.67 6.52 0.00	94.54 5.28 0.00	126.83 3.77 -57.53	167.60 5.54 -57.29	138.83 6.47 -9.69	126.35 5.72 -16.67	101.75 3.63 -37.83	139.20 7.27 0.00	135.25 3.07 -76.68	126.05 5.04 -31.37	111.42 2.51 -65.75	121.37 2.50 -74.68	132.02 2.68 -77.41	146.16 7.03 0.00	152.38 6.17 0.00	159.80 6.04 0.00	184.12 6.66 0.00	206.18 7.85 0.00	153.42 6.48 0.00	149.57 6.37 0.00	144.48 6.03 0.00
BEAVER RIVER___HYD 24048	129.54 -0.87 0.00	134.79 -1.28 0.00	120.83 -1.67 0.00	106.41 -1.56 5.18	69.79 -1.23 18.25	60.09 -0.76 4.69	112.57 -0.22 -8.03	132.53 0.68 -9.20	104.07 -0.50 -0.61	65.41 -0.79 -5.91	115.96 -2.35 13.62	43.23 -1.02 11.25	91.80 -1.70 -3.86	49.05 -0.63 -6.52	36.87 -0.71 6.61	39.61 -0.93 11.38	137.86 -1.25 0.00	147.92 1.71 0.00	154.78 1.01 0.00	177.94 0.48 0.00	198.56 0.23 0.00	146.34 -0.61 0.00	146.78 3.59 0.00	143.97 5.52 0.00
BEEBEE_GT_13 23619	123.43 -6.99 0.00	128.45 -7.62 0.00	116.08 -6.42 0.00	107.03 -6.13 0.00	84.34 -4.93 0.00	63.85 -3.25 -1.57	99.75 -5.01 0.00	116.12 -6.54 0.00	98.74 -5.23 0.00	60.60 -2.93 -3.24	124.71 -7.18 0.05	61.65 -2.88 -9.03	88.11 -5.23 -3.69	48.13 -2.77 -7.74	50.19 -2.80 -8.80	57.82 -3.26 -9.15	130.56 -8.56 0.00	137.45 -8.76 0.00	144.66 -9.10 0.00	168.45 -9.01 0.00	186.82 -11.51 0.00	138.72 -8.22 0.00	134.67 -8.52 0.00	130.13 -8.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	142.01 11.60 0.00	147.97 11.90 0.00	132.99 10.49 0.00	122.80 9.63 -0.01	107.60 7.55 -10.78	102.89 5.79 -31.57	123.36 8.36 -10.23	647.73 9.83 -515.23	1069.21 9.09 -956.15	376.24 5.53 -310.42	823.87 12.49 -679.45	492.52 5.59 -431.42	388.02 8.92 -289.46	356.48 4.36 -308.95	440.23 4.46 -391.58	546.12 5.45 -488.74	698.63 14.11 -545.40	761.08 12.81 -602.06	988.46 13.19 -821.51	434.50 13.85 -243.19	932.60 16.65 -717.62	433.62 13.80 -272.88	510.80 13.50 -354.10	228.83 12.45 -77.92
BETHLEHEM___GRP 23843	135.05 4.64 0.00	140.72 4.66 0.00	127.05 4.56 0.00	117.61 4.45 0.00	92.92 3.65 0.00	124.44 2.53 -56.38	163.91 3.27 -55.87	135.87 3.76 -9.45	123.93 3.71 -16.26	100.32 2.47 -37.55	136.63 4.70 0.00	134.27 2.03 -76.73	124.30 3.26 -31.39	110.71 1.74 -65.80	120.57 1.65 -74.74	130.94 1.54 -77.47	142.64 3.52 0.00	148.67 2.46 0.00	155.95 2.18 0.00	179.70 2.24 0.00	201.36 3.03 0.00	150.16 3.22 0.00	146.41 3.22 0.00	141.67 3.22 0.00
BETHLEHEM___GS1 323560	135.05 4.64 0.00	140.73 4.66 0.00	127.05 4.55 0.00	117.61 4.46 0.00	92.92 3.65 0.00	124.44 2.53 -56.38	163.92 3.27 -55.87	135.87 3.76 -9.45	123.93 3.71 -16.26	100.33 2.48 -37.55	136.62 4.69 0.00	134.27 2.03 -76.73	124.29 3.25 -31.39	110.71 1.75 -65.80	120.57 1.65 -74.74	130.94 1.54 -77.47	142.64 3.52 0.00	148.68 2.47 0.00	155.95 2.18 0.00	179.70 2.24 0.00	201.36 3.03 0.00	150.16 3.22 0.00	146.41 3.22 0.00	141.67 3.22 0.00
BETHLEHEM___GS2 323561	135.05 4.64 0.00	140.73 4.66 0.00	127.05 4.55 0.00	117.61 4.46 0.00	92.92 3.65 0.00	124.44 2.53 -56.38	163.92 3.27 -55.87	135.87 3.76 -9.45	123.93 3.71 -16.26	100.33 2.48 -37.55	136.62 4.69 0.00	134.27 2.03 -76.73	124.29 3.25 -31.39	110.71 1.75 -65.80	120.57 1.65 -74.74	130.94 1.54 -77.47	142.64 3.52 0.00	148.68 2.47 0.00	155.95 2.18 0.00	179.70 2.24 0.00	201.36 3.03 0.00	150.16 3.22 0.00	146.41 3.22 0.00	141.67 3.22 0.00
BETHLEHEM___GS3 323562	135.05 4.64 0.00	140.73 4.66 0.00	127.05 4.55 0.00	117.61 4.46 0.00	92.92 3.65 0.00	124.44 2.53 -56.38	163.92 3.27 -55.87	135.87 3.76 -9.45	123.93 3.71 -16.26	100.33 2.48 -37.55	136.62 4.69 0.00	134.27 2.03 -76.73	124.29 3.25 -31.39	110.71 1.75 -65.80	120.57 1.65 -74.74	130.94 1.54 -77.47	142.64 3.52 0.00	148.68 2.47 0.00	155.95 2.18 0.00	179.70 2.24 0.00	201.36 3.03 0.00	150.16 3.22 0.00	146.41 3.22 0.00	141.67 3.22 0.00
BETHLEHEM___STEEL 23779	121.24 -9.17 0.00	125.90 -10.17 0.00	114.08 -8.42 0.00	105.00 -8.16 0.00	82.48 -6.78 0.00	62.93 -4.65 -2.05	97.38 -7.38 0.00	112.77 -9.89 0.00	95.87 -8.09 0.00	59.84 -4.66 -4.20	120.73 -11.12 0.08	62.54 -4.64 -11.67	86.27 -8.15 -4.78	48.85 -4.33 -10.01	51.35 -4.23 -11.39	58.96 -4.81 -11.84	126.71 -12.41 0.00	133.45 -12.76 0.00	140.52 -13.24 0.00	164.50 -12.96 0.00	181.56 -16.76 0.00	135.49 -11.45 0.00	131.79 -11.40 0.00	127.54 -10.91 0.00
BETHLHEM_115KV_TB1 79974	135.10 4.69 0.00	140.85 4.78 0.00	127.10 4.61 0.00	117.62 4.46 0.00	92.90 3.64 0.00	121.98 2.55 -53.90	160.99 3.36 -52.86	135.46 3.86 -8.94	123.10 3.76 -15.38	99.64 2.45 -36.89	136.70 4.77 0.00	134.24 2.07 -76.66	124.33 3.32 -31.36	110.66 1.75 -65.74	120.52 1.67 -74.67	130.98 1.65 -77.40	142.97 3.85 0.00	149.05 2.84 0.00	156.36 2.59 0.00	180.18 2.72 0.00	201.87 3.54 0.00	150.52 3.58 0.00	146.78 3.59 0.00	141.97 3.52 0.00
BETHPAGE_CC_5 323564	141.33 10.92 0.00	147.58 11.52 0.00	132.93 10.43 0.00	122.86 9.70 0.00	97.02 7.76 0.00	197.34 5.78 -126.03	150.19 8.69 -36.73	151.06 10.37 -18.04	137.68 9.27 -24.45	94.96 5.42 -29.25	144.00 12.07 0.00	123.78 5.44 -62.84	134.29 8.82 -35.83	113.66 4.26 -66.24	109.62 4.23 -61.20	121.69 5.30 -64.46	152.66 13.54 0.00	157.92 11.71 0.00	165.84 12.07 0.00	190.06 12.59 0.00	212.46 14.13 0.00	158.93 11.98 0.00	155.26 12.07 0.00	150.06 11.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	121.88 -8.53 0.00	126.59 -9.48 0.00	114.72 -7.77 0.00	105.56 -7.59 0.00	82.93 -6.34 0.00	63.31 -4.30 -2.08	97.98 -6.79 0.00	113.55 -9.11 0.00	96.52 -7.44 0.00	60.24 -4.30 -4.25	121.52 -10.33 0.08	62.98 -4.33 -11.80	86.86 -7.61 -4.83	49.19 -4.09 -10.12	51.74 -3.96 -11.51	59.40 -4.51 -11.97	127.55 -11.57 0.00	134.35 -11.86 0.00	141.52 -12.24 0.00	165.60 -11.86 0.00	182.77 -15.56 0.00	136.44 -10.50 0.00	132.76 -10.43 0.00	128.48 -9.97 0.00



BINGHAMTON___COGEN 23790	129.39 -1.03 0.00	134.95 -1.12 0.00	121.68 -0.82 0.00	112.32 -0.83 0.00	88.51 -0.75 0.00	72.11 -0.34 -6.93	109.07 -0.51 -4.81	122.91 -0.56 -0.81	104.96 -0.40 -1.40	68.02 -0.39 -8.12	130.58 -1.31 0.04	76.05 -0.49 -21.04	97.45 -0.80 -8.61	60.68 -0.53 -18.04	64.25 -0.43 -20.50	72.76 -0.44 -21.27	138.19 -0.93 0.00	144.92 -1.29 0.00	152.64 -1.13 0.00	176.22 -1.24 0.00	196.28 -2.05 0.00	145.97 -0.97 0.00	142.31 -0.88 0.00	137.31 -1.14 0.00
BIXINCNT_115KV_LOAD 355685	120.67 -9.74 0.00	125.39 -10.67 0.00	114.07 -8.43 0.00	104.71 -8.44 0.00	82.41 -6.85 0.00	64.83 -4.53 -3.82	100.75 -6.59 -2.57	114.75 -8.34 -0.43	97.58 -7.13 -0.74	60.58 -4.42 -4.70	120.85 -10.98 0.09	63.33 -4.56 -12.39	86.76 -7.95 -5.07	49.49 -4.30 -10.63	52.08 -4.19 -12.09	59.73 -4.76 -12.57	126.79 -12.33 0.00	133.63 -12.59 0.00	140.95 -12.81 0.00	164.41 -13.05 0.00	182.07 -16.26 0.00	136.92 -10.03 0.00	135.08 -8.11 0.00	130.83 -7.62 0.00
BLACK RIVER___HYD 24047	131.03 0.61 0.00	136.39 0.32 0.00	122.41 -0.08 0.00	109.40 -0.11 3.65	76.37 -0.05 12.85	62.75 0.32 3.11	112.04 1.53 -5.74	131.88 2.65 -6.57	105.60 1.14 -0.50	64.95 -0.17 -4.83	120.82 -1.57 9.55	49.00 -0.69 5.81	91.96 -1.32 -3.64	49.21 -0.39 -6.44	41.20 -0.39 2.59	45.72 -0.31 5.89	139.61 0.49 0.00	149.77 3.56 0.00	157.52 3.76 0.00	181.48 4.02 0.00	202.31 3.98 0.00	149.15 2.21 0.00	149.99 6.80 0.00	146.69 8.24 0.00
BLACKRVR_115KV_TB2 79977	131.03 0.61 0.00	136.39 0.32 0.00	122.41 -0.08 0.00	109.40 -0.11 3.65	76.37 -0.05 12.85	62.75 0.32 3.11	112.04 1.53 -5.74	131.85 2.63 -6.57	105.61 1.15 -0.50	64.95 -0.17 -4.83	120.81 -1.57 9.55	49.00 -0.69 5.81	91.96 -1.32 -3.64	49.21 -0.39 -6.44	41.20 -0.39 2.59	45.72 -0.32 5.89	139.61 0.49 0.00	149.77 3.56 0.00	157.52 3.76 0.00	181.48 4.02 0.00	202.31 3.98 0.00	149.16 2.21 0.00	149.99 6.80 0.00	146.69 8.24 0.00
BLISS_WT_PWR 323608	119.47 -10.95 0.00	124.12 -11.94 0.00	113.03 -9.47 0.00	103.65 -9.50 0.00	81.60 -7.66 0.00	64.35 -5.00 -3.82	100.14 -7.19 -2.57	114.11 -8.98 -0.43	96.96 -7.74 -0.74	60.14 -4.85 -4.70	119.80 -12.04 0.09	62.91 -4.99 -12.39	86.05 -8.66 -5.07	49.14 -4.65 -10.63	51.71 -4.56 -12.09	59.27 -5.22 -12.57	125.54 -13.57 0.00	132.40 -13.81 0.00	139.68 -14.08 0.00	162.82 -14.64 0.00	180.53 -17.80 0.00	135.96 -10.98 0.00	134.61 -8.58 0.00	130.50 -7.95 0.00
BLUESTONE___WT_PWR 323821	129.31 -1.11 0.00	134.64 -1.43 0.00	120.96 -1.53 0.00	111.63 -1.52 0.00	88.12 -1.14 0.00	75.93 -0.20 -10.60	114.02 0.45 -8.80	125.18 1.03 -1.49	106.97 0.45 -2.56	69.22 -0.69 -9.61	129.79 -2.18 -0.04	77.14 -0.93 -22.57	97.33 -1.55 -9.23	61.73 -0.79 -19.36	65.52 -0.66 -21.99	74.24 -0.50 -22.81	138.80 -0.32 0.00	146.81 0.60 0.00	154.79 1.02 0.00	177.64 0.18 0.00	197.76 -0.57 0.00	146.95 0.01 0.00	143.31 0.12 0.00	139.63 1.18 0.00
BLUE_CIRC_CHEM_DRP 24182	135.93 5.52 0.00	141.75 5.68 0.00	127.90 5.41 0.00	118.24 5.09 0.00	93.27 4.01 0.00	112.06 2.88 -43.64	149.36 4.06 -40.54	134.10 4.59 -6.86	119.82 4.06 -11.80	96.70 2.49 -33.91	136.92 4.99 0.00	133.16 2.10 -75.56	123.90 3.35 -30.91	109.63 1.67 -64.79	119.42 1.64 -73.59	130.17 1.95 -76.29	144.08 4.96 0.00	150.41 4.20 0.00	157.83 4.06 0.00	181.94 4.48 0.00	203.81 5.48 0.00	151.94 5.00 0.00	148.17 4.98 0.00	143.34 4.89 0.00
BOC_GAS_DRP 24189	135.02 4.61 0.00	140.86 4.79 0.00	126.98 4.48 0.00	117.35 4.20 0.00	92.54 3.27 0.00	108.03 2.38 -40.12	144.22 3.33 -36.12	132.59 3.83 -6.11	118.02 3.55 -10.51	95.74 2.22 -33.23	136.51 4.58 0.00	133.83 2.03 -76.30	124.08 3.23 -31.21	110.22 1.62 -65.43	120.12 1.62 -74.31	130.79 1.83 -77.03	143.61 4.49 0.00	149.73 3.52 0.00	157.12 3.36 0.00	181.08 3.62 0.00	202.88 4.55 0.00	151.28 4.34 0.00	147.56 4.37 0.00	142.60 4.15 0.00
BOONVILLE_115KV_TB1 79983	132.55 2.14 0.00	137.88 1.82 0.00	123.59 1.09 0.00	112.84 1.07 1.39	85.24 0.83 4.85	65.66 0.81 0.68	109.82 1.85 -3.21	128.90 2.56 -3.68	106.84 1.83 -1.05	63.89 0.92 -2.67	130.81 1.81 2.93	54.89 0.78 1.39	93.22 1.13 -2.45	47.27 0.59 -3.51	44.65 0.61 0.14	51.16 0.74 1.51	141.71 2.59 0.00	150.02 3.81 0.00	157.12 3.36 0.00	180.83 3.37 0.00	201.85 3.53 0.00	149.39 2.45 0.00	147.58 4.39 0.00	143.61 5.16 0.00
BORALEX_4TH_BRANCH 23824	140.33 9.91 0.00	146.19 10.12 0.00	131.59 9.10 0.00	121.50 8.34 0.00	95.89 6.63 0.00	144.71 5.10 -74.08	189.70 7.45 -77.48	144.05 8.28 -13.11	133.83 7.32 -22.54	106.70 4.35 -42.06	140.99 9.06 0.00	135.91 3.88 -76.52	127.11 6.17 -31.30	111.75 2.97 -65.62	121.87 3.15 -74.53	132.95 3.76 -77.26	148.38 9.26 0.00	154.67 8.46 0.00	162.04 8.27 0.00	187.21 9.75 0.00	210.36 12.03 0.00	156.89 9.95 0.00	153.15 9.96 0.00	147.94 9.49 0.00
BOWLINE___1 23526	138.43 8.02 0.00	144.38 8.31 0.00	129.89 7.39 0.00	119.93 6.78 0.00	94.60 5.34 0.00	86.01 3.95 -16.53	120.46 5.79 -9.89	131.18 6.84 -1.67	112.97 6.13 -2.88	86.53 3.68 -22.55	140.37 8.43 0.00	120.32 3.85 -60.97	120.72 6.13 -24.94	98.44 2.99 -52.28	106.62 3.05 -59.38	117.29 3.81 -61.55	149.00 9.89 0.00	154.96 8.75 0.00	162.52 8.75 0.00	186.53 9.07 0.00	208.95 10.62 0.00	156.15 9.21 0.00	152.27 9.08 0.00	146.88 8.43 0.00
BOWLINE___2 23595	138.43 8.02 0.00	144.38 8.31 0.00	129.89 7.39 0.00	119.93 6.78 0.00	94.60 5.34 0.00	86.01 3.95 -16.53	120.47 5.81 -9.90	131.19 6.86 -1.67	112.97 6.13 -2.88	86.54 3.69 -22.55	140.37 8.43 0.00	120.33 3.85 -60.97	120.72 6.13 -24.94	98.44 2.99 -52.29	106.62 3.05 -59.39	117.29 3.81 -61.56	149.00 9.89 0.00	154.96 8.75 0.00	162.53 8.76 0.00	186.53 9.07 0.00	208.95 10.62 0.00	156.15 9.21 0.00	152.27 9.08 0.00	146.89 8.44 0.00
BRADY___115KV_TB2 356060	129.89 -0.53 0.00	135.04 -1.03 0.00	121.25 -1.25 0.00	95.17 -1.38 16.60	29.05 -1.11 59.10	41.88 -1.01 22.65	114.13 -0.82 -10.17	134.84 0.53 -11.66	91.57 -1.56 10.84	65.04 -1.52 -6.27	74.41 -3.27 54.26	6.07 -1.68 47.76	84.62 -1.59 3.43	47.75 -0.63 -5.22	10.09 -0.90 33.20	3.50 -1.63 46.80	135.94 -3.17 0.00	147.10 0.89 0.00	155.00 1.24 0.00	179.27 1.81 0.00	200.15 1.82 0.00	145.49 -1.45 0.00	141.80 -1.39 0.00	137.86 -0.60 0.00
BRANSCOMB___SOLAR 323811	140.33 9.92 0.00	146.29 10.22 0.00	131.69 9.19 0.00	121.63 8.48 0.00	95.97 6.71 0.00	167.73 5.18 -97.02	218.03 8.18 -105.08	149.86 9.43 -17.78	142.66 8.11 -30.58	113.72 4.77 -48.66	142.10 10.17 0.00	138.58 4.23 -78.84	128.70 6.80 -32.25	114.01 3.24 -67.61	124.44 3.46 -76.79	135.66 4.13 -79.61	150.07 10.95 0.00	156.91 10.70 0.00	164.56 10.79 0.00	189.84 12.37 0.00	212.42 14.09 0.00	158.15 11.20 0.00	154.15 10.96 0.00	148.86 10.41 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	142.21 11.80 0.00	148.64 12.57 0.00	134.04 11.54 0.00	123.95 10.80 0.00	97.91 8.64 0.00	198.88 6.61 -126.74	153.01 9.72 -38.52	154.90 11.32 -20.92	139.39 10.38 -25.05	95.58 6.04 -29.25	144.92 12.99 0.00	124.16 5.82 -62.84	134.89 9.42 -35.83	113.99 4.59 -66.24	109.93 4.54 -61.20	122.25 5.87 -64.46	154.01 14.89 0.00	159.32 13.11 0.00	167.34 13.57 0.00	191.78 14.32 0.00	214.05 15.72 0.00	160.25 13.31 0.00	156.70 13.50 0.00	151.74 13.28 0.00



BRISTLHL_115KV_TB1 79998	129.19 -1.23 0.00	134.58 -1.49 0.00	121.25 -1.25 0.00	111.36 -1.19 0.60	86.18 -0.91 2.17	64.67 -0.38 0.49	104.43 -0.34 0.00	122.15 -0.51 0.00	102.97 -0.29 0.70	62.04 -0.22 -1.96	128.89 -0.84 2.20	60.17 -0.20 -4.87	91.35 -0.61 -2.31	48.55 -0.33 -5.72	49.09 -0.31 -5.21	56.69 -0.25 -5.01	138.68 -0.43 0.00	145.90 -0.31 0.00	153.59 -0.18 0.00	177.47 0.02 0.00	197.54 -0.78 0.00	146.47 -0.48 0.00	142.91 -0.28 0.00	138.01 -0.44 0.00
BROOKHAVEN___DRP 24191	141.95 11.53 0.00	148.24 12.18 0.00	133.64 11.14 0.00	123.58 10.42 0.00	97.72 8.45 0.00	205.40 6.74 -133.13	169.97 10.38 -54.82	182.08 12.42 -47.00	145.32 10.87 -30.49	95.54 6.00 -29.25	144.61 12.67 0.00	123.93 5.59 -62.84	134.60 9.13 -35.83	113.75 4.35 -66.24	109.70 4.31 -61.20	121.79 5.40 -64.46	153.00 13.88 0.00	158.72 12.51 0.00	166.72 12.95 0.00	190.91 13.44 0.00	213.05 14.72 0.00	159.54 12.60 0.00	156.12 12.93 0.00	151.24 12.79 0.00
BROOKLYN_NAVY_YARD 23515	140.18 9.77 0.00	146.24 10.17 0.00	131.48 8.98 0.00	121.39 8.24 0.00	95.62 6.35 0.00	87.34 4.74 -17.06	121.94 6.94 -10.23	132.59 8.20 -1.73	114.43 7.49 -2.98	88.09 4.54 -23.25	142.64 10.70 0.00	123.27 4.91 -62.85	123.18 7.83 -25.71	100.87 3.81 -53.90	109.26 3.86 -61.22	120.09 4.70 -63.46	151.31 12.19 0.00	157.01 10.80 0.00	164.54 10.78 0.00	188.52 11.06 0.00	211.33 13.00 0.00	158.13 11.19 0.00	154.37 11.18 0.00	148.82 10.37 0.00
BROOKLYN___ARMY_DRP 323595	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
BROOKVLE_69_KV_TB1 55790	142.02 11.60 0.00	148.20 12.13 0.00	133.41 10.92 0.00	123.28 10.13 0.00	97.37 8.10 0.00	197.68 6.12 -126.03	150.81 9.31 -36.73	151.79 11.09 -18.04	138.28 9.87 -24.45	95.34 5.79 -29.25	144.82 12.89 0.00	124.15 5.81 -62.84	134.93 9.46 -35.83	113.90 4.50 -66.24	109.91 4.52 -61.20	122.03 5.65 -64.46	153.68 14.56 0.00	158.93 12.72 0.00	166.76 13.00 0.00	191.12 13.66 0.00	214.19 15.86 0.00	160.12 13.17 0.00	156.31 13.12 0.00	150.98 12.53 0.00
BROOME_2_LFGE 323671	129.39 -1.03 0.00	134.94 -1.12 0.00	121.68 -0.81 0.00	112.31 -0.85 0.00	88.51 -0.75 0.00	72.11 -0.34 -6.93	109.06 -0.52 -4.81	122.91 -0.56 -0.81	104.97 -0.40 -1.40	68.01 -0.41 -8.12	130.56 -1.33 0.04	76.04 -0.51 -21.04	97.44 -0.81 -8.61	60.67 -0.54 -18.04	64.25 -0.43 -20.50	72.75 -0.44 -21.27	138.19 -0.92 0.00	144.91 -1.30 0.00	152.61 -1.15 0.00	176.21 -1.25 0.00	196.28 -2.05 0.00	145.98 -0.96 0.00	142.32 -0.87 0.00	137.31 -1.14 0.00
BROOME___LFGE 323600	129.39 -1.03 0.00	134.94 -1.12 0.00	121.68 -0.81 0.00	112.31 -0.85 0.00	88.51 -0.75 0.00	72.11 -0.34 -6.93	109.06 -0.52 -4.81	122.91 -0.56 -0.81	104.97 -0.40 -1.40	68.01 -0.41 -8.12	130.56 -1.33 0.04	76.04 -0.51 -21.04	97.44 -0.81 -8.61	60.67 -0.54 -18.04	64.25 -0.43 -20.50	72.75 -0.44 -21.27	138.19 -0.92 0.00	144.91 -1.30 0.00	152.61 -1.15 0.00	176.21 -1.25 0.00	196.28 -2.05 0.00	145.98 -0.96 0.00	142.32 -0.87 0.00	137.31 -1.14 0.00
BROWNFLS_115KV_TB_3_5 80003	128.60 -1.81 0.00	133.75 -2.31 0.00	119.95 -2.54 0.00	100.94 -2.49 9.72	53.02 -1.98 34.27	54.51 -1.58 9.44	117.33 -1.59 -14.15	138.30 -0.57 -16.21	102.40 -1.95 -0.39	68.23 -1.61 -9.55	102.10 -3.65 26.18	29.25 -1.67 24.58	92.58 -2.24 -5.18	51.16 -0.95 -8.95	27.16 -1.21 15.81	25.23 -1.92 24.78	135.03 -4.09 0.00	145.44 -0.77 0.00	152.52 -1.24 0.00	175.79 -1.67 0.00	196.32 -2.01 0.00	144.09 -2.85 0.00	143.10 -0.09 0.00	140.18 1.73 0.00
BROWNSV1_27_KV_LOAD 356125	141.59 11.17 0.00	147.61 11.54 0.00	132.76 10.26 0.00	122.50 9.34 0.00	96.53 7.27 0.00	88.07 5.47 -17.06	123.17 8.17 -10.23	134.09 9.70 -1.73	115.75 8.81 -2.98	88.85 5.31 -23.25	144.21 12.28 0.00	123.89 5.53 -62.85	124.20 8.84 -25.71	101.34 4.28 -53.90	109.75 4.35 -61.22	120.70 5.31 -63.46	152.97 13.85 0.00	158.76 12.55 0.00	166.48 12.71 0.00	190.80 13.33 0.00	213.91 15.59 0.00	159.98 13.04 0.00	156.07 12.87 0.00	150.42 11.97 0.00
BURROWS___LYONSDAL 23803	131.46 1.04 0.00	136.75 0.68 0.00	122.59 0.09 0.00	111.16 0.14 2.13	81.87 0.09 7.48	64.32 0.25 1.47	109.97 1.04 -4.16	129.19 1.77 -4.76	105.91 0.99 -0.96	63.97 0.37 -3.31	127.45 0.54 5.03	52.42 0.23 3.33	92.61 0.24 -2.73	47.47 0.20 -4.10	42.97 0.20 1.41	48.71 0.23 3.44	140.50 1.38 0.00	149.36 3.15 0.00	156.21 2.45 0.00	179.61 2.15 0.00	200.47 2.14 0.00	148.27 1.33 0.00	147.26 4.07 0.00	143.72 5.27 0.00
CAITHNESS_CC_1 323624	141.31 10.90 0.00	147.61 11.54 0.00	133.08 10.58 0.00	123.05 9.90 0.00	97.29 8.02 0.00	205.00 6.33 -133.14	169.19 9.57 -54.85	181.11 11.41 -47.05	144.58 10.12 -30.50	95.19 5.65 -29.25	143.92 5.34 0.00	123.68 5.34 -62.84	134.17 8.70 -35.83	113.56 4.16 -66.24	109.49 4.11 -61.20	121.59 5.20 -64.46	152.36 13.24 0.00	157.81 11.60 0.00	165.75 11.98 0.00	189.78 12.32 0.00	211.84 13.52 0.00	158.71 11.77 0.00	155.32 12.13 0.00	150.46 12.01 0.00
CALPINE BETH_PAGE_GT4 24209	141.09 10.67 0.00	147.30 11.23 0.00	132.67 10.17 0.00	122.61 9.46 0.00	96.81 7.54 0.00	197.08 5.52 -126.03	149.81 8.32 -36.73	150.59 9.90 -18.04	137.26 8.85 -24.45	94.74 5.20 -29.25	143.75 11.82 0.00	123.67 5.33 -62.84	134.11 8.64 -35.83	113.56 4.16 -66.24	109.52 4.13 -61.20	121.48 5.09 -64.46	152.15 13.03 0.00	157.37 11.16 0.00	165.22 11.46 0.00	189.36 11.90 0.00	211.75 13.42 0.00	158.38 11.43 0.00	154.71 11.52 0.00	149.55 11.10 0.00
CALPINE_BETH_PAGE_GT_4 323586	141.08 10.67 0.00	147.30 11.23 0.00	132.67 10.17 0.00	122.61 9.46 0.00	96.82 7.55 0.00	197.08 5.52 -126.03	149.82 8.32 -36.73	150.59 9.90 -18.04	137.25 8.85 -24.45	94.74 5.20 -29.25	143.75 11.82 0.00	123.67 5.33 -62.84	134.12 8.64 -35.83	113.56 4.17 -66.24	109.53 4.14 -61.20	121.48 5.09 -64.46	152.16 13.04 0.00	157.37 11.16 0.00	165.22 11.46 0.00	189.37 11.91 0.00	211.75 13.42 0.00	158.37 11.42 0.00	154.70 11.51 0.00	149.52 11.07 0.00
CALPINE_BP_GT1 23823	141.08 10.67 0.00	147.30 11.23 0.00	132.67 10.17 0.00	122.61 9.46 0.00	96.82 7.55 0.00	197.08 5.52 -126.03	149.82 8.32 -36.73	150.59 9.90 -18.04	137.25 8.85 -24.45	94.74 5.20 -29.25	143.75 11.82 0.00	123.67 5.33 -62.84	134.12 8.64 -35.83	113.56 4.17 -66.24	109.53 4.14 -61.20	121.48 5.09 -64.46	152.16 13.04 0.00	157.37 11.16 0.00	165.22 11.46 0.00	189.37 11.91 0.00	211.75 13.42 0.00	158.37 11.42 0.00	154.70 11.51 0.00	149.52 11.07 0.00
CALSPAN___DRP 24200	121.24 -9.17 0.00	125.90 -10.17 0.00	114.08 -8.42 0.00	105.00 -8.16 0.00	82.48 -6.78 0.00	62.93 -4.65 -2.05	97.38 -7.38 0.00	112.77 -9.89 0.00	95.87 -8.09 0.00	59.84 -4.66 -4.20	120.73 -11.12 0.08	62.54 -4.64 -11.67	86.27 -8.15 -4.78	48.85 -4.33 -10.01	51.35 -4.23 -11.39	58.96 -4.81 -11.84	126.71 -12.41 0.00	133.45 -12.76 0.00	140.52 -13.24 0.00	164.50 -12.96 0.00	181.56 -16.76 0.00	135.49 -11.45 0.00	131.79 -11.40 0.00	127.54 -10.91 0.00



CALVERTON___SOLAR 323806	142.23 11.81 0.00	148.52 12.45 0.00	133.88 11.38 0.00	123.80 10.65 0.00	97.92 8.65 0.00	205.65 6.98 -133.13	170.47 10.87 -54.82	182.69 13.02 -47.01	145.80 11.35 -30.49	95.78 6.24 -29.25	145.04 13.11 0.00	124.12 5.78 -62.84	134.89 9.42 -35.83	113.87 4.47 -66.24	109.83 4.44 -61.20	121.89 5.50 -64.46	153.32 14.20 0.00	159.14 12.93 0.00	167.23 13.46 0.00	191.43 13.97 0.00	213.62 15.29 0.00	159.95 13.00 0.00	156.46 13.27 0.00	151.50 13.05 0.00
CANDIGU_WT_PWR 323617	124.46 -5.96 0.00	129.55 -6.52 0.00	117.05 -5.45 0.00	107.71 -5.44 0.00	84.51 -4.75 0.00	66.77 -3.41 -4.65	102.51 -5.39 -3.13	116.25 -6.93 -0.53	98.52 -6.35 -0.90	61.69 -4.24 -5.63	121.85 -9.93 0.14	66.28 -4.02 -14.80	89.38 -6.32 -6.05	52.61 -3.24 -12.69	55.51 -3.15 -14.47	63.87 -3.17 -15.12	131.62 -7.50 0.00	139.39 -6.82 0.00	147.01 -6.76 0.00	168.87 -8.59 0.00	185.96 -12.37 0.00	138.62 -8.32 0.00	135.32 -7.87 0.00	130.55 -7.90 0.00
CARR STREET_E_SYR 24060	126.75 -3.66 0.00	132.14 -3.93 0.00	119.12 -3.38 0.00	109.98 -3.17 0.00	86.75 -2.51 0.00	64.47 -1.59 -0.53	102.35 -2.43 0.00	119.68 -2.98 0.00	101.57 -2.39 0.00	60.99 -1.38 -2.09	128.52 -3.41 0.00	61.28 -1.31 -7.09	90.17 -2.37 -2.90	48.05 -1.19 -6.08	49.89 -1.20 -6.91	57.77 -1.32 -7.16	135.69 -3.43 0.00	142.45 -3.76 0.00	149.94 -3.82 0.00	173.26 -4.20 0.00	193.09 -5.24 0.00	143.31 -3.63 0.00	139.59 -3.60 0.00	134.75 -3.70 0.00
CARTHAGE___PAPER 23857	131.13 0.72 0.00	136.45 0.38 0.00	122.36 -0.13 0.00	108.75 -0.16 4.24	74.22 -0.11 14.93	61.98 0.17 3.72	112.72 1.33 -6.62	132.75 2.51 -7.58	105.45 0.95 -0.54	65.41 -0.13 -5.25	119.67 -1.13 11.12	47.06 -0.52 7.92	92.42 -0.95 -3.72	49.41 -0.23 -6.47	39.80 -0.24 4.14	43.63 -0.28 8.01	139.73 0.61 0.00	150.01 3.80 0.00	157.26 3.50 0.00	181.02 3.56 0.00	201.91 3.58 0.00	148.69 1.75 0.00	149.25 6.06 0.00	146.18 7.73 0.00
CASSADAGA_WT_PWR 323784	122.04 -8.38 0.00	126.89 -9.18 0.00	114.87 -7.63 0.00	105.75 -7.40 0.00	83.22 -6.04 0.00	65.36 -3.95 -3.78	101.38 -5.93 -2.53	115.18 -7.74 -0.26	97.82 -6.14 0.00	61.03 -3.68 -4.41	122.32 -9.52 0.09	63.64 -4.12 -12.25	87.49 -7.17 -5.01	49.71 -3.96 -10.51	52.25 -3.88 -11.95	59.84 -4.52 -12.43	127.74 -11.38 0.00	135.04 -11.16 0.00	143.03 -10.73 0.00	167.13 -10.33 0.00	184.65 -13.68 0.00	138.24 -8.71 0.00	135.18 -8.01 0.00	129.55 -8.90 0.00
CE_DUNWOOD___DRP 24194	139.47 9.06 0.00	145.43 9.36 0.00	130.84 8.34 0.00	120.80 7.65 0.00	95.24 5.98 0.00	87.02 4.46 -17.03	121.60 6.62 -10.21	132.27 7.88 -1.73	114.05 7.11 -2.97	87.78 4.28 -23.21	141.68 9.75 0.00	122.64 4.42 -62.72	122.36 7.06 -25.66	100.38 3.42 -53.79	108.76 3.49 -61.09	119.55 4.30 -63.33	150.24 11.12 0.00	156.13 9.92 0.00	163.75 9.99 0.00	187.83 10.37 0.00	210.45 12.12 0.00	157.29 10.35 0.00	153.49 10.30 0.00	148.01 9.56 0.00
CE_MILLWOOD___DRP 24193	139.17 8.75 0.00	145.08 9.01 0.00	130.58 8.08 0.00	120.54 7.39 0.00	95.05 5.78 0.00	86.80 4.31 -16.96	121.34 6.40 -10.18	131.97 7.59 -1.72	113.77 6.85 -2.96	87.51 4.10 -23.12	141.28 9.35 0.00	122.22 4.24 -62.48	121.97 6.76 -25.56	100.03 3.28 -53.58	108.39 3.35 -60.86	119.14 4.14 -63.08	149.83 10.71 0.00	155.73 9.52 0.00	163.35 9.59 0.00	187.40 9.93 0.00	209.96 11.63 0.00	156.93 9.99 0.00	153.12 9.93 0.00	147.68 9.23 0.00
CE_NYC2_DRP 24202	140.64 10.23 0.00	146.70 10.63 0.00	131.86 9.37 0.00	121.73 8.58 0.00	95.91 6.64 0.00	87.62 5.03 -17.06	124.48 7.28 -12.43	141.12 8.57 -9.89	119.57 7.92 -7.69	88.37 4.82 -23.26	151.04 11.26 -7.85	151.53 5.11 -90.91	149.82 8.19 -51.99	112.15 3.94 -65.04	109.44 4.03 -61.23	120.31 4.91 -63.47	151.79 12.66 0.00	158.21 11.23 -0.77	177.23 11.48 -11.99	191.20 11.68 -2.06	212.33 14.00 0.00	159.36 11.78 -0.64	169.61 11.86 -14.55	149.40 10.95 0.00
CE_NYC_DRP 24195	140.20 9.79 0.00	146.20 10.14 0.00	131.51 9.02 0.00	121.35 8.20 0.00	95.64 6.38 0.00	87.37 4.77 -17.06	121.99 6.99 -10.23	132.71 8.33 -1.73	114.55 7.61 -2.98	88.18 4.63 -23.25	142.74 10.81 0.00	123.27 4.91 -62.85	123.21 7.85 -25.71	100.87 3.81 -53.90	109.27 3.87 -61.22	120.11 4.73 -63.46	151.36 12.24 0.00	157.04 10.83 0.00	164.59 10.83 0.00	188.58 11.12 0.00	211.46 13.13 0.00	158.12 11.18 0.00	154.32 11.13 0.00	148.80 10.35 0.00
CHAFFEE___LFGE 323603	122.42 -8.00 0.00	127.12 -8.94 0.00	115.20 -7.29 0.00	105.95 -7.20 0.00	83.27 -6.00 0.00	63.66 -3.99 -2.12	98.46 -6.31 0.00	114.18 -8.48 0.00	97.12 -6.85 0.00	60.68 -3.95 -4.33	122.29 -9.55 0.09	63.54 -4.00 -12.03	87.44 -7.12 -4.92	49.64 -3.84 -10.32	52.20 -3.73 -11.74	59.89 -4.24 -12.20	128.30 -10.82 0.00	135.13 -11.08 0.00	142.38 -11.38 0.00	166.58 -10.88 0.00	183.86 -14.47 0.00	137.11 -9.83 0.00	133.26 -9.93 0.00	128.97 -9.48 0.00
CHATEAUG_35_KV_LOAD 355732	126.33 -4.09 0.00	131.44 -4.62 0.00	118.12 -4.38 0.00	91.13 -4.06 17.96	16.35 -3.28 69.64	-24.76 -2.77 87.53	-30.19 -3.81 131.15	-31.54 -3.94 150.26	-28.09 -4.03 128.03	-26.99 -2.55 84.74	-26.25 -5.19 152.99	-21.65 -2.57 74.58	-28.24 -3.80 114.09	-25.95 -1.83 67.29	-22.28 -2.00 64.46	-10.54 -2.32 60.15	134.86 -4.26 0.00	144.66 -1.55 0.00	151.78 -1.98 0.00	174.82 -2.64 0.00	196.27 -2.06 0.00	143.62 -3.32 0.00	139.18 -4.01 0.00	134.77 -3.68 0.00
CHATEAUG_WT_PWR 323614	125.96 -4.46 0.00	131.11 -4.95 0.00	117.82 -4.67 0.00	90.41 -4.42 18.32	15.12 -3.60 70.54	-21.26 -2.93 83.86	-21.07 -4.17 121.67	-21.07 -4.34 139.39	-21.02 -4.34 120.65	-21.03 -2.71 78.61	-21.27 -5.38 147.83	-21.09 -2.58 74.01	-21.11 -3.81 106.95	-21.07 -1.81 62.42	-21.03 -1.96 63.25	-10.88 -2.36 60.45	134.68 -4.44 0.00	144.12 -2.09 0.00	151.15 -2.61 0.00	174.00 -3.46 0.00	195.27 -3.06 0.00	143.05 -3.90 0.00	138.74 -4.45 0.00	134.37 -4.08 0.00
CHAT_HIGH_FALL_HYD 323578	126.33 -4.09 0.00	131.44 -4.62 0.00	118.12 -4.38 0.00	91.13 -4.06 17.96	16.35 -3.28 69.64	-24.76 -2.77 87.53	-30.19 -3.81 131.15	-31.54 -3.94 150.26	-28.09 -4.03 128.03	-26.99 -2.55 84.74	-26.25 -5.19 152.99	-21.65 -2.57 74.58	-28.24 -3.80 114.09	-25.95 -1.83 67.29	-22.28 -2.00 64.46	-10.54 -2.32 60.15	134.86 -4.26 0.00	144.66 -1.55 0.00	151.78 -1.98 0.00	174.82 -2.64 0.00	196.27 -2.06 0.00	143.62 -3.32 0.00	139.18 -4.01 0.00	134.77 -3.68 0.00
CHAUTAUQUA___LFGE 323629	120.99 -9.43 0.00	125.79 -10.27 0.00	113.93 -8.57 0.00	104.84 -8.31 0.00	82.47 -6.80 0.00	63.11 -4.54 -2.12	97.75 -7.02 0.00	113.51 -9.15 0.00	96.62 -7.35 0.00	60.28 -4.35 -4.33	121.06 -10.78 0.09	62.94 -4.59 -12.03	86.64 -7.93 -4.92	49.23 -4.25 -10.32	51.81 -4.11 -11.73	59.34 -4.79 -12.20	126.99 -12.13 0.00	133.89 -12.32 0.00	141.62 -12.14 0.00	165.46 -12.00 0.00	182.68 -15.65 0.00	136.54 -10.41 0.00	133.35 -9.85 0.00	128.09 -10.36 0.00
CHERRYST_13_KV_LD 356241	140.55 10.14 0.00	146.55 10.49 0.00	131.83 9.34 0.00	121.64 8.49 0.00	95.88 6.62 0.00	87.56 4.97 -17.06	122.33 7.33 -10.23	133.16 8.77 -1.73	114.95 8.00 -2.98	88.41 4.87 -23.25	143.23 11.30 0.00	123.48 5.12 -62.85	123.55 8.19 -25.71	101.03 3.96 -53.90	109.44 4.04 -61.22	120.32 4.94 -63.46	151.90 12.78 0.00	157.60 11.39 0.00	165.19 11.42 0.00	189.20 11.74 0.00	212.10 13.77 0.00	158.59 11.64 0.00	154.75 11.56 0.00	149.22 10.77 0.00



CHESTROR_138KV_BK263 355645	137.70 7.29 0.00	143.63 7.56 0.00	129.27 6.77 0.00	119.33 6.18 0.00	94.09 4.83 0.00	84.97 3.60 -15.83	119.55 5.31 -9.47	130.56 6.29 -1.60	112.31 5.59 -2.76	85.25 3.34 -21.62	139.39 7.45 0.00	117.35 3.39 -58.45	118.94 5.38 -23.91	95.91 2.62 -50.13	103.81 2.70 -56.93	114.30 3.36 -59.01	147.91 8.80 0.00	154.07 7.86 0.00	161.65 7.89 0.00	185.70 8.24 0.00	207.90 9.57 0.00	155.29 8.35 0.00	151.44 8.25 0.00	146.07 7.62 0.00
CH_MIDHUDSON___DRP 24192	139.57 9.15 0.00	145.58 9.51 0.00	131.04 8.55 0.00	121.03 7.88 0.00	95.38 6.11 0.00	87.79 4.55 -17.71	122.52 6.92 -10.84	132.68 8.19 -1.83	114.41 7.29 -3.15	88.36 4.32 -23.74	141.58 9.64 0.00	123.72 4.28 -63.94	122.68 6.88 -26.16	101.31 3.32 -54.83	109.87 3.41 -62.28	120.65 4.18 -64.55	150.04 10.92 0.00	156.17 9.96 0.00	163.91 10.14 0.00	188.26 10.80 0.00	210.79 12.46 0.00	157.53 10.59 0.00	153.63 10.44 0.00	148.11 9.67 0.00
CH_MISC_IPPS 23765	140.31 9.89 0.00	146.32 10.25 0.00	131.74 9.25 0.00	121.63 8.47 0.00	95.85 6.59 0.00	87.80 4.91 -17.36	122.91 7.55 -10.59	133.38 8.92 -1.79	114.91 7.87 -3.08	88.25 4.63 -23.33	142.25 10.31 0.00	122.90 4.56 -62.84	122.66 7.31 -25.71	100.59 3.54 -53.89	109.01 3.62 -61.21	119.85 4.48 -63.44	150.95 11.83 0.00	157.20 10.99 0.00	165.06 11.30 0.00	189.56 12.10 0.00	212.17 13.84 0.00	158.49 11.55 0.00	154.48 11.29 0.00	148.90 10.45 0.00
CH_RES_BVR_FALLS 23983	126.95 -3.46 0.00	132.48 -3.58 0.00	119.35 -3.14 0.00	81.93 -3.06 28.16	-14.04 -2.36 100.95	17.66 -1.91 45.96	101.84 -2.93 0.00	119.68 -2.98 0.00	68.57 -2.92 32.47	58.54 -1.76 0.00	26.28 -3.64 102.01	-29.57 -1.67 83.40	67.94 -2.50 19.20	41.98 -1.19 0.00	-16.83 -1.30 59.72	-29.92 -1.52 80.32	135.19 -3.93 0.00	143.12 -3.08 0.00	150.54 -3.22 0.00	174.01 -3.45 0.00	194.50 -3.83 0.00	143.34 -3.60 0.00	140.31 -2.88 0.00	136.92 -1.53 0.00
CH_RES_NIAGARA 23895	115.72 -14.70 0.00	120.20 -15.86 0.00	109.01 -13.48 0.00	100.31 -12.84 0.00	78.75 -10.51 0.00	60.08 -7.36 -1.91	92.89 -11.88 0.00	107.26 -15.40 0.00	91.41 -12.56 0.00	57.13 -7.08 -3.91	115.51 -16.36 0.07	59.49 -6.90 -10.88	82.27 -11.82 -4.45	46.29 -6.21 -9.33	48.55 -6.25 -10.62	55.66 -7.31 -11.04	119.78 -19.34 0.00	126.05 -20.16 0.00	132.62 -21.14 0.00	155.87 -21.59 0.00	172.08 -26.24 0.00	128.43 -18.51 0.00	124.83 -18.36 0.00	121.22 -17.23 0.00
CH_RES_SYRACUSE 23985	128.42 -2.00 0.00	133.85 -2.21 0.00	120.66 -1.84 0.00	111.39 -1.76 0.00	87.90 -1.36 0.00	66.12 -0.74 -1.33	103.73 -1.04 0.00	121.26 -1.40 0.00	102.87 -1.09 0.00	62.42 -0.66 -2.78	130.04 -1.89 0.00	62.61 -0.67 -7.78	91.50 -1.33 -3.18	49.15 -0.69 -6.67	51.09 -0.68 -7.58	59.10 -0.70 -7.87	137.51 -1.61 0.00	144.50 -1.71 0.00	152.20 -1.56 0.00	175.94 -1.52 0.00	195.85 -2.48 0.00	145.32 -1.62 0.00	141.61 -1.59 0.00	136.63 -1.82 0.00
CLINTON_WT_PWR 323605	125.96 -4.46 0.00	131.11 -4.95 0.00	117.82 -4.67 0.00	90.41 -4.42 18.32	15.12 -3.60 70.54	-21.26 -2.93 83.86	-21.07 -4.17 121.67	-21.07 -4.34 139.39	-21.02 -4.34 120.65	-21.03 -2.71 78.61	-21.27 -5.38 147.83	-21.09 -2.58 74.01	-21.11 -3.81 106.95	-21.07 -1.81 62.42	-21.03 -1.96 63.25	-10.88 -2.36 60.45	134.68 -4.44 0.00	144.12 -2.09 0.00	151.15 -2.61 0.00	174.00 -3.46 0.00	195.27 -3.06 0.00	143.05 -3.90 0.00	138.74 -4.45 0.00	134.37 -4.08 0.00
CLINTON___LFGE 323618	128.61 -1.80 0.00	133.79 -2.28 0.00	120.18 -2.32 0.00	92.51 -2.42 18.22	16.84 -2.12 70.31	-21.06 -1.77 84.83	-21.62 -2.22 124.17	-21.66 -2.06 142.25	-20.95 -2.32 122.59	-21.54 -1.61 80.22	-20.68 -3.42 149.19	-20.47 -1.81 74.16	-21.76 -2.58 108.83	-21.78 -1.24 63.70	-20.72 -1.33 63.57	-10.02 -1.58 60.37	136.89 -2.22 0.00	146.68 0.47 0.00	153.88 0.12 0.00	176.93 -0.53 0.00	198.39 0.06 0.00	145.52 -1.42 0.00	141.04 -2.15 0.00	136.55 -1.90 0.00
COBBLENY_34_KV_TB1 80064	122.43 -7.99 0.00	127.13 -8.94 0.00	115.20 -7.29 0.00	106.01 -7.14 0.00	83.29 -5.98 0.00	63.64 -4.01 -2.12	98.41 -6.36 0.00	114.14 -8.52 0.00	97.08 -6.88 0.00	60.68 -3.95 -4.33	122.28 -9.56 0.09	63.52 -4.02 -12.03	87.41 -7.16 -4.92	49.62 -3.86 -10.32	52.18 -3.74 -11.74	59.91 -4.22 -12.20	128.29 -10.82 0.00	135.15 -11.05 0.00	142.38 -11.38 0.00	166.63 -10.83 0.00	183.85 -14.48 0.00	137.11 -9.83 0.00	133.26 -9.93 0.00	128.92 -9.53 0.00
COFFEEN___115KV_TB3 355620	132.39 1.97 0.00	137.77 1.70 0.00	123.67 1.17 0.00	110.65 1.04 3.54	77.66 0.87 12.48	63.57 1.03 3.00	113.07 2.73 -5.58	133.08 4.03 -6.39	106.66 2.21 -0.49	65.37 0.32 -4.76	122.02 -0.64 9.27	49.76 -0.30 5.44	92.58 -0.69 -3.62	49.53 -0.06 -6.43	41.81 -0.06 2.31	46.57 0.15 5.51	140.92 1.80 0.00	151.46 5.25 0.00	159.47 5.71 0.00	183.75 6.28 0.00	204.74 6.41 0.00	150.84 3.90 0.00	151.36 8.16 0.00	147.83 9.39 0.00
COLDSPRG_115KV_BK1 355956	125.78 -4.63 0.00	130.86 -5.21 0.00	118.40 -4.10 0.00	109.02 -4.13 0.00	85.81 -3.46 0.00	67.20 -2.22 -3.89	104.02 -3.36 -2.61	118.74 -4.36 -0.44	101.26 -3.46 -0.76	62.94 -2.14 -4.78	126.20 -5.64 0.10	65.67 -2.44 -12.60	90.55 -4.25 -5.16	51.41 -2.57 -10.81	54.10 -2.38 -12.29	62.02 -2.69 -12.78	132.39 -6.73 0.00	139.63 -6.58 0.00	147.49 -6.27 0.00	171.95 -5.51 0.00	189.97 -8.35 0.00	141.99 -4.96 0.00	138.54 -4.66 0.00	133.41 -5.04 0.00
COLONIE_LFGE___ 323577	137.88 7.47 0.00	143.77 7.70 0.00	129.42 6.93 0.00	119.58 6.43 0.00	94.35 5.09 0.00	154.59 3.88 -85.18	201.39 5.82 -90.80	144.60 6.58 -15.36	136.24 5.85 -26.42	109.16 3.55 -45.31	139.39 7.46 0.00	136.51 3.18 -77.83	126.54 5.05 -31.84	112.36 2.45 -66.75	122.55 2.56 -75.81	133.51 3.00 -78.58	146.74 7.62 0.00	153.18 6.97 0.00	160.60 6.84 0.00	185.29 7.83 0.00	207.68 9.35 0.00	154.75 7.81 0.00	150.92 7.73 0.00	145.77 7.32 0.00
COOPERNY_115KV_TB1 80082	135.68 5.27 0.00	141.55 5.49 0.00	127.44 4.94 0.00	117.66 4.51 0.00	92.79 3.53 0.00	81.21 2.64 -13.04	116.54 3.91 -7.86	128.61 4.62 -1.33	110.37 4.12 -2.29	80.43 2.47 -17.67	137.44 5.51 0.00	105.68 2.51 -47.66	113.12 3.98 -19.50	85.97 1.94 -40.87	92.59 1.98 -46.42	102.53 2.49 -48.12	145.61 6.49 0.00	151.88 5.67 0.00	159.44 5.67 0.00	183.37 5.91 0.00	205.25 6.92 0.00	153.05 6.11 0.00	149.23 6.04 0.00	143.99 5.54 0.00
COPENHAGEN_WT_PWR 323753	129.14 -1.28 0.00	134.42 -1.64 0.00	120.69 -1.81 0.00	108.10 -1.70 3.36	76.15 -1.29 11.82	62.09 -0.63 2.81	110.01 -0.05 -5.30	129.43 0.70 -6.07	104.09 -0.35 -0.47	63.94 -0.98 -4.63	119.94 -3.22 8.77	49.37 -1.35 4.78	90.79 -2.45 -3.60	48.63 -0.96 -6.43	41.39 -0.97 1.83	46.08 -1.00 4.84	137.60 -1.52 0.00	147.44 1.23 0.00	155.09 1.33 0.00	178.69 1.23 0.00	199.26 0.93 0.00	147.04 0.09 0.00	148.66 5.46 0.00	145.68 7.23 0.00
CORNELL_____ 23752	131.27 0.86 0.00	136.85 0.78 0.00	123.38 0.89 0.00	113.91 0.75 0.00	89.86 0.59 0.00	71.29 0.81 -4.95	109.77 1.54 -3.46	124.93 1.69 -0.58	106.22 1.25 -1.01	66.43 0.34 -5.80	132.12 -0.19 -0.38	70.47 -0.08 -15.04	95.58 -0.21 -6.16	55.83 -0.23 -12.90	58.73 -0.12 -14.67	67.27 0.11 -15.23	140.08 0.96 0.00	147.85 1.64 0.00	156.19 2.42 0.00	180.50 3.04 0.00	200.63 2.29 -0.01	148.85 1.91 0.00	144.84 1.64 0.00	139.66 1.21 0.00



CORONA__69_KV_TB1 355595	141.47 11.05 0.00	147.62 11.55 0.00	132.91 10.42 0.00	122.78 9.63 0.00	96.94 7.67 0.00	197.35 5.79 -126.03	150.23 8.73 -36.73	151.03 10.33 -18.04	137.62 9.21 -24.45	94.93 5.39 -29.25	144.07 12.14 0.00	123.87 5.53 -62.84	134.45 8.97 -35.83	113.65 4.25 -66.24	109.64 4.25 -61.20	121.71 5.33 -64.46	152.82 13.70 0.00	158.41 12.19 0.00	166.29 12.52 0.00	190.63 13.17 0.00	213.39 15.06 0.00	159.52 12.57 0.00	155.79 12.60 0.00	150.40 11.95 0.00
CORTLAND__115KV_TB3 80093	130.43 0.01 0.00	136.06 -0.01 0.00	122.65 0.15 0.00	113.25 0.10 0.00	89.32 0.06 0.00	69.72 0.33 -3.85	108.08 0.71 -2.61	123.89 0.79 -0.44	105.43 0.71 -0.76	65.22 0.21 -4.72	131.97 -0.06 -0.10	67.95 0.02 -12.42	94.64 -0.09 -5.08	53.71 -0.11 -10.65	56.23 -0.06 -12.10	64.58 0.10 -12.55	139.75 0.63 0.00	146.85 0.64 0.00	154.69 0.92 0.00	178.65 1.18 0.00	198.99 0.66 0.00	147.73 0.79 0.00	143.86 0.67 0.00	138.80 0.35 0.00
COXSACKIE__GT 23611	142.74 12.32 0.00	148.54 12.48 0.00	134.10 11.60 0.00	124.02 10.87 0.00	97.92 8.65 0.00	114.05 6.26 -42.26	153.64 9.63 -39.24	140.89 11.60 -6.64	125.19 9.81 -11.42	98.64 5.48 -32.86	142.61 10.68 0.00	133.13 4.38 -73.24	126.69 7.08 -29.96	109.52 3.54 -62.81	119.04 3.52 -71.34	130.11 4.23 -73.95	151.27 12.15 0.00	158.92 12.71 0.00	167.14 13.38 0.00	192.57 15.11 0.00	214.71 16.38 0.00	159.62 12.67 0.00	155.29 12.09 0.00	150.24 11.79 0.00
CPV_VALLEY__CC1 323721	136.42 6.01 0.00	142.34 6.27 0.00	128.09 5.59 0.00	118.26 5.11 0.00	93.25 3.99 0.00	83.26 2.97 -14.76	117.91 4.34 -8.80	129.26 5.11 -1.49	111.14 4.62 -2.56	83.29 2.81 -20.18	138.20 6.27 0.00	112.97 2.88 -54.59	116.53 4.56 -22.33	92.20 2.23 -46.81	99.64 2.28 -53.17	109.90 2.86 -55.11	146.53 7.41 0.00	152.61 6.40 0.00	160.13 6.36 0.00	183.95 6.49 0.00	206.01 7.68 0.00	153.83 6.88 0.00	150.00 6.81 0.00	144.71 6.26 0.00
CPV_VALLEY__CC2 323722	136.42 6.01 0.00	142.34 6.27 0.00	128.09 5.59 0.00	118.26 5.11 0.00	93.25 3.99 0.00	83.26 2.97 -14.76	117.91 4.34 -8.80	129.26 5.11 -1.49	111.14 4.62 -2.56	83.29 2.81 -20.18	138.20 6.27 0.00	112.97 2.88 -54.59	116.53 4.56 -22.33	92.20 2.23 -46.81	99.64 2.28 -53.17	109.90 2.86 -55.11	146.53 7.41 0.00	152.61 6.40 0.00	160.13 6.36 0.00	183.95 6.49 0.00	206.01 7.68 0.00	153.83 6.88 0.00	150.00 6.81 0.00	144.71 6.26 0.00
CRESCENT__HYD 24018	137.88 7.47 0.00	143.77 7.70 0.00	129.42 6.93 0.00	119.58 6.43 0.00	94.35 5.09 0.00	154.59 3.88 -85.18	201.39 5.82 -90.80	144.60 6.58 -15.36	136.24 5.85 -26.42	109.16 3.55 -45.31	139.39 7.46 0.00	136.51 3.18 -77.83	126.54 5.05 -31.84	112.36 2.45 -66.75	122.55 2.56 -75.81	133.51 3.00 -78.58	146.74 7.62 0.00	153.18 6.97 0.00	160.60 6.84 0.00	185.29 7.83 0.00	207.68 9.35 0.00	154.75 7.81 0.00	150.92 7.73 0.00	145.77 7.32 0.00
CRICKET__VALLEY_CC1 323756	138.61 8.20 0.00	144.52 8.45 0.00	130.23 7.74 0.00	120.27 7.12 0.00	94.80 5.54 0.00	88.85 4.05 -19.26	123.18 6.02 -12.39	131.77 7.02 -2.10	114.02 6.45 -3.61	88.92 3.86 -24.77	140.49 8.55 0.00	125.31 3.80 -66.01	122.82 6.17 -27.00	102.76 3.00 -56.60	111.57 3.10 -64.29	122.33 3.76 -66.64	148.75 9.63 0.00	154.60 8.39 0.00	162.24 8.47 0.00	186.37 8.91 0.00	208.78 10.45 0.00	156.20 9.26 0.00	152.59 9.40 0.00	147.11 8.65 0.00
CRICKET__VALLEY_CC2 323757	138.61 8.20 0.00	144.52 8.45 0.00	130.23 7.74 0.00	120.27 7.12 0.00	94.80 5.54 0.00	88.85 4.05 -19.26	123.18 6.02 -12.39	131.77 7.02 -2.10	114.02 6.45 -3.61	88.92 3.86 -24.77	140.49 8.55 0.00	125.31 3.80 -66.01	122.82 6.17 -27.00	102.76 3.00 -56.60	111.57 3.10 -64.29	122.33 3.76 -66.64	148.75 9.63 0.00	154.60 8.39 0.00	162.24 8.47 0.00	186.37 8.91 0.00	208.78 10.45 0.00	156.20 9.26 0.00	152.59 9.40 0.00	147.11 8.65 0.00
CRICKET__VALLEY_CC3 323758	138.61 8.20 0.00	144.52 8.45 0.00	130.23 7.74 0.00	120.27 7.12 0.00	94.80 5.54 0.00	88.85 4.05 -19.26	123.18 6.02 -12.39	131.77 7.02 -2.10	114.02 6.45 -3.61	88.92 3.86 -24.77	140.49 8.55 0.00	125.31 3.80 -66.01	122.82 6.17 -27.00	102.76 3.00 -56.60	111.57 3.10 -64.29	122.33 3.76 -66.64	148.75 9.63 0.00	154.60 8.39 0.00	162.24 8.47 0.00	186.37 8.91 0.00	208.78 10.45 0.00	156.20 9.26 0.00	152.59 9.40 0.00	147.11 8.65 0.00
CRUCIBLE__METL_DRP 24180	128.41 -2.00 0.00	133.86 -2.21 0.00	120.67 -1.83 0.00	111.41 -1.75 0.00	87.90 -1.36 0.00	66.12 -0.74 -1.33	103.73 -1.04 0.00	121.25 -1.41 0.00	102.87 -1.09 0.00	62.41 -0.66 -2.78	130.04 -1.89 0.00	62.62 -0.67 -7.78	91.50 -1.33 -3.18	49.15 -0.69 -6.67	51.09 -0.68 -7.58	59.10 -0.70 -7.87	137.51 -1.61 0.00	144.50 -1.71 0.00	152.20 -1.56 0.00	175.96 -1.50 0.00	195.83 -2.50 0.00	145.31 -1.63 0.00	141.60 -1.59 0.00	136.61 -1.84 0.00
DAHOWA__HYDRO 323763	141.33 10.92 0.00	147.34 11.27 0.00	132.59 10.09 0.00	122.47 9.32 0.00	96.66 7.39 0.00	170.05 5.73 -98.79	221.08 9.10 -107.22	151.32 10.52 -18.14	144.23 9.07 -31.20	114.76 5.29 -49.17	143.29 11.36 0.00	139.24 4.71 -79.02	129.56 7.59 -32.33	114.52 3.59 -67.77	125.00 3.84 -76.97	136.29 4.58 -79.79	151.31 12.20 0.00	158.29 12.08 0.00	165.97 12.21 0.00	191.57 14.11 0.00	214.21 15.89 0.00	159.43 12.49 0.00	155.41 12.22 0.00	150.09 11.64 0.00
DANC__LFGE 323619	129.08 -1.33 0.00	134.42 -1.64 0.00	120.84 -1.66 0.00	109.25 -1.57 2.34	79.83 -1.21 8.22	63.17 -0.61 1.75	108.16 -0.38 -3.77	127.01 0.03 -4.32	103.89 -0.47 -0.39	63.45 -0.76 -3.91	123.44 -2.44 6.06	53.39 -0.96 1.15	91.26 -1.84 -3.45	48.78 -0.76 -6.37	44.28 -0.76 -0.85	49.98 -0.77 1.18	137.81 -1.31 0.00	146.49 0.28 0.00	154.20 0.43 0.00	177.85 0.39 0.00	198.17 -0.15 0.00	146.54 -0.41 0.00	146.29 3.10 0.00	142.51 4.06 0.00
DANSKAMMER__1 23586	140.31 9.89 0.00	146.32 10.25 0.00	131.74 9.25 0.00	121.63 8.47 0.00	95.85 6.59 0.00	87.80 4.91 -17.36	122.91 7.55 -10.59	133.38 8.92 -1.79	114.91 7.87 -3.08	88.25 4.63 -23.33	142.25 10.31 0.00	122.90 4.56 -62.84	122.66 7.31 -25.71	100.59 3.54 -53.89	109.01 3.62 -61.21	119.85 4.48 -63.44	150.95 11.83 0.00	157.20 10.99 0.00	165.06 11.30 0.00	189.56 12.10 0.00	212.17 13.84 0.00	158.49 11.55 0.00	154.48 11.29 0.00	148.90 10.45 0.00
DANSKAMMER__2 23589	140.31 9.89 0.00	146.32 10.25 0.00	131.74 9.25 0.00	121.63 8.47 0.00	95.85 6.59 0.00	87.80 4.91 -17.36	122.91 7.55 -10.59	133.38 8.92 -1.79	114.91 7.87 -3.08	88.25 4.63 -23.33	142.25 10.31 0.00	122.90 4.56 -62.84	122.66 7.31 -25.71	100.59 3.54 -53.89	109.01 3.62 -61.21	119.85 4.48 -63.44	150.95 11.83 0.00	157.20 10.99 0.00	165.06 11.30 0.00	189.56 12.10 0.00	212.17 13.84 0.00	158.49 11.55 0.00	154.48 11.29 0.00	148.90 10.45 0.00
DANSKAMMER__3 23590	140.31 9.89 0.00	146.32 10.25 0.00	131.74 9.25 0.00	121.63 8.47 0.00	95.85 6.59 0.00	87.80 4.91 -17.36	122.91 7.55 -10.59	133.38 8.92 -1.79	114.91 7.87 -3.08	88.25 4.63 -23.33	142.25 10.31 0.00	122.90 4.56 -62.84	122.66 7.31 -25.71	100.59 3.54 -53.89	109.01 3.62 -61.21	119.85 4.48 -63.44	150.95 11.83 0.00	157.20 10.99 0.00	165.06 11.30 0.00	189.56 12.10 0.00	212.17 13.84 0.00	158.49 11.55 0.00	154.48 11.29 0.00	148.90 10.45 0.00



DANSKAMMER___4 23591	140.31 9.89 0.00	146.32 10.25 0.00	131.74 9.25 0.00	121.63 8.47 0.00	95.85 6.59 0.00	87.80 4.91 -17.36	122.91 7.55 -10.59	133.38 8.92 -1.79	114.91 7.87 -3.08	88.25 4.63 -23.33	142.25 10.31 0.00	122.90 4.56 -62.84	122.66 7.31 -25.71	100.59 3.54 -53.89	109.01 3.62 -61.21	119.85 4.48 -63.44	150.95 11.83 0.00	157.20 10.99 0.00	165.06 11.30 0.00	189.56 12.10 0.00	212.17 13.84 0.00	158.49 11.55 0.00	154.48 11.29 0.00	148.90 10.45 0.00
DANSKAMMER___DIESEL 23592	140.31 9.89 0.00	146.32 10.25 0.00	131.74 9.24 0.00	121.62 8.47 0.00	95.83 6.57 0.00	87.81 4.92 -17.36	122.91 7.55 -10.59	133.38 8.92 -1.79	114.92 7.87 -3.08	88.25 4.63 -23.33	142.24 10.31 0.00	122.90 4.56 -62.84	122.67 7.32 -25.71	100.59 3.54 -53.89	109.01 3.62 -61.21	119.85 4.48 -63.44	150.95 11.84 0.00	157.19 10.98 0.00	165.05 11.28 0.00	189.56 12.10 0.00	212.18 13.85 0.00	158.49 11.55 0.00	154.48 11.29 0.00	148.90 10.45 0.00
DARBY___SOLAR 323810	140.45 10.03 0.00	146.39 10.33 0.00	131.76 9.26 0.00	121.72 8.57 0.00	96.03 6.77 0.00	167.87 5.24 -97.11	218.23 8.27 -105.19	149.99 9.53 -17.80	142.77 8.20 -30.61	113.79 4.81 -48.69	142.19 10.26 0.00	138.62 4.27 -78.85	128.78 6.88 -32.26	114.03 3.24 -67.62	124.47 3.48 -76.80	135.70 4.16 -79.61	150.19 11.07 0.00	157.06 10.85 0.00	164.69 10.92 0.00	190.01 12.55 0.00	212.57 14.25 0.00	158.29 11.35 0.00	154.28 11.09 0.00	149.02 10.57 0.00
DASHVILLE___HYD 23610	139.37 8.96 0.00	145.45 9.39 0.00	130.92 8.42 0.00	120.84 7.69 0.00	95.22 5.96 0.00	92.22 4.30 -22.39	127.76 6.55 -16.44	133.35 7.91 -2.78	115.66 6.91 -4.78	89.58 4.12 -25.16	141.10 9.17 0.00	124.13 3.99 -64.64	122.62 6.53 -26.44	101.67 3.07 -55.43	110.28 3.14 -62.96	121.11 3.92 -65.26	149.74 10.62 0.00	155.89 9.68 0.00	163.70 9.94 0.00	188.01 10.54 0.00	210.56 12.23 0.00	157.28 10.34 0.00	153.34 10.15 0.00	147.84 9.39 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	142.02 11.61 0.00	148.29 12.22 0.00	133.73 11.23 0.00	123.69 10.54 0.00	97.90 8.64 0.00	206.44 7.78 -133.13	172.71 13.14 -54.80	185.74 16.11 -46.98	148.20 13.75 -30.48	97.09 7.55 -29.25	147.66 15.72 0.00	125.07 6.73 -62.84	136.42 10.94 -35.83	114.57 5.17 -66.24	110.58 5.19 -61.20	121.91 5.52 -64.46	153.29 14.17 0.00	159.45 13.24 0.00	167.47 13.71 0.00	191.69 14.23 0.00	213.90 15.57 0.00	160.02 13.08 0.00	156.41 13.22 0.00	151.43 12.98 0.00
DELAWARE___LFGE 323621	135.15 4.74 0.00	141.10 5.03 0.00	127.09 4.59 0.00	117.33 4.17 0.00	92.38 3.12 0.00	85.00 2.47 -17.00	124.07 3.91 -15.38	129.87 4.61 -2.60	112.45 4.01 -4.48	75.45 2.26 -12.89	136.84 4.91 0.00	85.26 2.16 -27.60	104.36 3.43 -11.29	68.44 1.61 -23.67	72.74 1.68 -26.89	81.89 2.10 -27.87	144.79 5.67 0.00	151.41 5.20 0.00	159.13 5.37 0.00	183.43 5.97 0.00	204.97 6.64 0.00	152.66 5.72 0.00	148.73 5.53 0.00	143.61 5.16 0.00
DERFIELD_115KV_TB7 355931	131.74 1.33 0.00	137.54 1.47 0.00	123.84 1.35 0.00	115.39 1.24 -1.00	93.79 0.95 -3.57	67.87 0.73 -1.61	105.83 1.06 0.00	123.88 1.22 0.00	106.25 1.14 -1.14	61.00 0.71 0.00	136.98 1.46 -3.59	59.10 0.67 -2.93	91.33 1.01 -0.67	43.67 0.51 0.00	46.81 0.53 -2.10	55.38 0.63 -2.82	140.65 1.53 0.00	147.37 1.16 0.00	154.84 1.08 0.00	178.54 1.08 0.00	199.72 1.39 0.00	148.42 1.48 0.00	144.77 1.58 0.00	139.97 1.52 0.00
DOGLEVILLE___HYD 23807	137.55 7.14 0.00	143.52 7.46 0.00	129.25 6.75 0.00	120.56 6.41 -1.00	97.82 4.98 -3.57	71.09 3.94 -1.61	110.56 5.79 0.00	129.39 6.74 0.00	110.80 5.70 -1.14	63.60 3.31 0.00	142.56 7.04 -3.59	61.28 2.85 -2.93	94.74 4.42 -0.67	45.28 2.12 0.00	48.65 2.36 -2.10	57.36 2.61 -2.82	146.26 7.14 0.00	152.69 6.48 0.00	160.46 6.70 0.00	184.63 7.17 0.00	206.54 8.21 0.00	154.42 7.47 0.00	150.73 7.54 0.00	145.17 6.72 0.00
DUNKIRK___115KV_TB_200 55889	120.96 -9.45 0.00	125.77 -10.29 0.00	113.93 -8.57 0.00	104.88 -8.28 0.00	82.48 -6.79 0.00	63.09 -4.55 -2.12	97.67 -7.10 0.00	113.41 -9.25 0.00	96.54 -7.43 0.00	60.22 -4.40 -4.32	121.03 -10.81 0.09	62.88 -4.63 -12.01	86.61 -7.95 -4.91	49.21 -4.25 -10.30	51.77 -4.12 -11.71	59.35 -4.76 -12.18	126.97 -12.14 0.00	133.88 -12.33 0.00	141.51 -12.25 0.00	165.34 -12.12 0.00	182.51 -15.82 0.00	136.39 -10.55 0.00	133.19 -10.00 0.00	128.00 -10.45 0.00
DUNKIRK___1 23563	120.96 -9.45 0.00	125.77 -10.29 0.00	113.93 -8.57 0.00	104.88 -8.28 0.00	82.48 -6.79 0.00	63.09 -4.55 -2.12	97.67 -7.10 0.00	113.41 -9.25 0.00	96.54 -7.43 0.00	60.22 -4.40 -4.32	121.03 -10.81 0.09	62.88 -4.63 -12.01	86.61 -7.95 -4.91	49.21 -4.25 -10.30	51.77 -4.12 -11.71	59.35 -4.76 -12.18	126.97 -12.14 0.00	133.88 -12.33 0.00	141.51 -12.25 0.00	165.34 -12.12 0.00	182.51 -15.82 0.00	136.39 -10.55 0.00	133.19 -10.00 0.00	128.00 -10.45 0.00
DUNKIRK___2 23564	120.96 -9.45 0.00	125.77 -10.29 0.00	113.93 -8.57 0.00	104.88 -8.28 0.00	82.48 -6.79 0.00	63.09 -4.55 -2.12	97.67 -7.10 0.00	113.41 -9.25 0.00	96.54 -7.43 0.00	60.22 -4.40 -4.32	121.03 -10.81 0.09	62.88 -4.63 -12.01	86.61 -7.95 -4.91	49.21 -4.25 -10.30	51.77 -4.12 -11.71	59.35 -4.76 -12.18	126.97 -12.14 0.00	133.88 -12.33 0.00	141.51 -12.25 0.00	165.34 -12.12 0.00	182.51 -15.82 0.00	136.39 -10.55 0.00	133.19 -10.00 0.00	128.00 -10.45 0.00
DUNKIRK___3 23565	120.94 -9.47 0.00	125.77 -10.29 0.00	113.91 -8.59 0.00	104.84 -8.31 0.00	82.44 -6.83 0.00	63.00 -4.64 -2.11	97.43 -7.34 0.00	113.12 -9.54 0.00	96.22 -7.74 0.00	60.05 -4.55 -4.31	120.85 -10.99 0.09	62.80 -4.67 -11.96	86.53 -8.01 -4.89	49.14 -4.29 -10.26	51.71 -4.15 -11.67	59.28 -4.78 -12.13	126.87 -12.25 0.00	133.62 -12.59 0.00	141.07 -12.69 0.00	164.88 -12.58 0.00	181.99 -16.33 0.00	135.94 -11.00 0.00	132.63 -10.56 0.00	127.78 -10.67 0.00
DUNKIRK___4 23566	120.94 -9.47 0.00	125.77 -10.29 0.00	113.91 -8.59 0.00	104.84 -8.31 0.00	82.44 -6.83 0.00	63.00 -4.64 -2.11	97.43 -7.34 0.00	113.12 -9.54 0.00	96.22 -7.74 0.00	60.05 -4.55 -4.31	120.85 -10.99 0.09	62.80 -4.67 -11.96	86.53 -8.01 -4.89	49.14 -4.29 -10.26	51.71 -4.15 -11.67	59.28 -4.78 -12.13	126.87 -12.25 0.00	133.62 -12.59 0.00	141.07 -12.69 0.00	164.88 -12.58 0.00	181.99 -16.33 0.00	135.94 -11.00 0.00	132.63 -10.56 0.00	127.78 -10.67 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	139.89 9.47 0.00	145.75 9.68 0.00	131.19 8.69 0.00	121.07 7.92 0.00	95.45 6.18 0.00	87.20 4.61 -17.06	121.85 6.85 -10.23	132.63 8.24 -1.73	114.40 7.46 -2.98	88.02 4.48 -23.26	142.18 10.25 0.00	123.00 4.64 -62.86	122.77 7.41 -25.71	100.66 3.59 -53.90	109.07 3.66 -61.22	119.88 4.49 -63.46	150.78 11.66 0.00	156.61 10.40 0.00	164.21 10.45 0.00	188.33 10.87 0.00	210.97 12.64 0.00	157.70 10.76 0.00	153.93 10.74 0.00	148.42 9.97 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	138.92 8.50 0.00	144.91 8.84 0.00	130.41 7.91 0.00	120.39 7.24 0.00	94.90 5.64 0.00	86.58 4.23 -16.83	121.42 6.38 -10.27	131.94 7.55 -1.74	113.62 6.67 -2.99	86.86 3.96 -22.61	140.74 8.81 0.00	120.38 3.96 -60.92	120.87 6.30 -24.92	98.47 3.06 -52.24	106.66 3.14 -59.33	117.34 3.91 -61.50	149.41 10.29 0.00	155.61 9.40 0.00	163.34 9.58 0.00	187.59 10.13 0.00	210.00 11.67 0.00	156.86 9.92 0.00	152.89 9.70 0.00	147.42 8.97 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	140.24 9.82 0.00	146.35 10.28 0.00	131.58 9.08 0.00	121.50 8.35 0.00	95.59 6.33 0.00	87.44 4.84 -17.06	122.06 7.06 -10.23	132.53 8.14 -1.73	114.49 7.55 -2.98	88.11 4.56 -23.26	142.53 10.58 -0.02	123.20 4.81 -62.88	123.06 7.68 -25.74	100.81 3.73 -53.91	109.22 3.80 -61.23	120.04 4.65 -63.47	151.07 11.94 0.00	156.69 10.48 0.00	164.38 10.61 -0.01	188.40 10.94 0.00	211.44 13.11 0.00	158.17 11.22 0.00	154.23 11.02 -0.01	148.69 10.24 0.00
E179THST_13_KV_LOAD 356214	140.84 10.42 0.00	146.90 10.84 0.00	132.07 9.57 0.00	121.91 8.76 0.00	95.95 6.69 0.00	87.70 5.11 -17.06	122.54 7.54 -10.23	133.15 8.76 -1.73	115.02 8.08 -2.98	88.41 4.86 -23.26	143.21 11.26 -0.02	123.48 5.10 -62.88	123.51 8.13 -25.74	101.02 3.94 -53.91	109.45 4.03 -61.23	120.31 4.91 -63.47	151.80 12.67 0.00	157.52 11.31 0.00	165.28 11.50 -0.01	189.47 12.01 0.00	212.58 14.24 0.00	158.99 12.04 0.00	155.01 11.80 -0.01	149.39 10.93 0.00
EAST HAMPTON___GT 23717	139.92 9.51 0.00	146.07 10.00 0.00	131.74 9.24 0.00	121.89 8.74 0.00	96.54 7.28 0.00	206.41 7.75 -133.12	173.89 14.32 -54.80	187.69 18.06 -46.97	149.80 15.35 -30.48	97.90 8.36 -29.25	149.22 17.29 0.00	125.61 7.27 -62.84	137.28 11.81 -35.83	114.94 5.54 -66.24	110.89 5.50 -61.20	121.25 4.87 -64.46	151.18 12.06 0.00	157.41 11.20 0.00	165.28 11.52 0.00	188.98 11.52 0.00	210.82 12.49 0.00	157.67 10.73 0.00	154.05 10.86 0.00	149.05 10.59 0.00
EAST RIVER___6 23660	140.00 9.58 0.00	145.98 9.91 0.00	131.28 8.79 0.00	121.17 8.01 0.00	95.50 6.23 0.00	87.28 4.69 -17.06	121.88 6.89 -10.23	132.60 8.21 -1.73	114.48 7.54 -2.98	88.17 4.62 -23.25	142.67 10.74 0.00	123.25 4.89 -62.85	123.17 7.82 -25.71	100.84 3.78 -53.90	109.26 3.85 -61.22	120.10 4.72 -63.46	151.31 12.19 0.00	157.01 10.80 0.00	164.56 10.79 0.00	188.48 11.02 0.00	211.25 12.92 0.00	157.99 11.05 0.00	154.17 10.98 0.00	148.58 10.13 0.00
EAST RIVER___7 23524	140.00 9.58 0.00	145.98 9.91 0.00	131.28 8.79 0.00	121.17 8.01 0.00	95.50 6.23 0.00	87.28 4.69 -17.06	121.88 6.89 -10.23	132.60 8.21 -1.73	114.48 7.54 -2.98	88.17 4.62 -23.25	142.67 10.74 0.00	123.25 4.89 -62.85	123.17 7.82 -25.71	100.84 3.78 -53.90	109.26 3.85 -61.22	120.10 4.72 -63.46	151.31 12.19 0.00	157.01 10.80 0.00	164.56 10.79 0.00	188.48 11.02 0.00	211.25 12.92 0.00	157.99 11.05 0.00	154.17 10.98 0.00	148.58 10.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	139.47 9.06 0.00	145.43 9.36 0.00	130.84 8.34 0.00	120.80 7.65 0.00	95.24 5.98 0.00	87.02 4.46 -17.03	121.60 6.62 -10.21	132.27 7.88 -1.73	114.05 7.11 -2.97	87.78 4.28 -23.21	141.68 9.75 0.00	122.64 4.42 -62.72	122.36 7.06 -25.66	100.38 3.42 -53.79	108.76 3.49 -61.09	119.55 4.30 -63.33	150.24 11.12 0.00	156.13 9.92 0.00	163.75 9.99 0.00	187.83 10.37 0.00	210.45 12.12 0.00	157.29 10.35 0.00	153.49 10.30 0.00	148.01 9.56 0.00
EAST_HAMPTON___DIESEL 23722	139.51 9.09 0.00	145.61 9.54 0.00	131.33 8.83 0.00	121.51 8.35 0.00	96.24 6.97 0.00	206.36 7.71 -133.12	173.92 14.35 -54.80	187.71 18.08 -46.97	149.82 15.38 -30.48	97.92 8.37 -29.25	149.19 17.26 0.00	125.60 7.26 -62.84	137.27 11.80 -35.83	114.94 5.54 -66.24	110.87 5.48 -61.20	121.11 4.72 -64.46	150.71 11.59 0.00	156.94 10.73 0.00	164.82 11.05 0.00	188.40 10.94 0.00	210.20 11.87 0.00	157.15 10.21 0.00	153.61 10.42 0.00	148.59 10.14 0.00
EAST_POINT___SOLAR 323840	140.64 10.23 0.00	146.58 10.51 0.00	131.95 9.46 0.00	121.72 8.57 0.00	95.94 6.67 0.00	170.59 5.22 -99.84	222.08 9.13 -108.18	151.41 10.44 -18.30	143.45 8.01 -31.48	115.89 4.20 -51.39	140.06 8.13 0.00	145.37 3.29 -86.58	130.48 5.41 -35.42	119.97 2.56 -74.24	131.22 2.71 -84.32	142.81 3.46 -87.41	150.32 11.20 0.00	159.28 13.07 0.00	167.99 14.22 0.00	193.91 16.45 0.00	215.95 17.62 0.00	160.25 13.31 0.00	155.81 12.61 0.00	150.33 11.88 0.00
EAST_PULASKI___ESR 323781	129.67 -0.75 0.00	135.05 -1.02 0.00	121.53 -0.96 0.00	110.88 -0.93 1.35	83.74 -0.69 4.83	63.55 -0.22 1.75	104.71 -0.06 0.00	122.71 0.05 0.00	102.38 -0.03 1.56	61.86 -0.21 -1.78	125.99 -1.05 4.89	57.26 -0.29 -2.04	90.41 -0.79 -1.55	48.01 -0.34 -5.18	46.91 -0.30 -3.02	53.92 -0.27 -2.26	138.77 -0.35 0.00	146.50 0.29 0.00	154.33 0.56 0.00	178.22 0.76 0.00	198.40 0.07 0.00	146.94 -0.01 0.00	144.78 1.59 0.00	140.25 1.80 0.00
EAST_RIVER___1 323558	140.20 9.79 0.00	146.20 10.14 0.00	131.51 9.02 0.00	121.36 8.20 0.00	95.64 6.38 0.00	87.37 4.78 -17.06	121.98 6.98 -10.23	132.72 8.33 -1.73	114.54 7.60 -2.98	88.18 4.63 -23.25	142.73 10.80 0.00	123.27 4.91 -62.85	123.21 7.85 -25.71	100.87 3.81 -53.90	109.26 3.86 -61.22	120.11 4.73 -63.46	151.36 12.24 0.00	157.04 10.83 0.00	164.61 10.84 0.00	188.60 11.14 0.00	211.45 13.13 0.00	158.13 11.19 0.00	154.32 11.13 0.00	148.80 10.35 0.00
EAST_RIVER___2 323559	140.00 9.58 0.00	145.98 9.91 0.00	131.28 8.79 0.00	121.17 8.01 0.00	95.50 6.23 0.00	87.28 4.69 -17.06	121.88 6.89 -10.23	132.60 8.21 -1.73	114.48 7.54 -2.98	88.17 4.62 -23.25	142.67 10.74 0.00	123.25 4.89 -62.85	123.17 7.82 -25.71	100.84 3.78 -53.90	109.26 3.85 -61.22	120.10 4.72 -63.46	151.31 12.19 0.00	157.01 10.80 0.00	164.56 10.79 0.00	188.48 11.02 0.00	211.25 12.92 0.00	157.99 11.05 0.00	154.17 10.98 0.00	148.58 10.13 0.00
EAST___DELAWARE_HYD 23607	137.79 7.37 0.00	143.69 7.63 0.00	129.32 6.83 0.00	119.41 6.26 0.00	94.15 4.89 0.00	86.22 3.75 -16.94	121.58 5.83 -10.99	131.51 6.99 -1.86	113.23 6.07 -3.20	85.36 3.47 -21.59	139.55 7.62 0.00	116.28 3.36 -57.42	118.54 5.41 -23.49	94.99 2.59 -49.24	102.78 2.67 -55.92	113.26 3.36 -57.97	148.44 9.32 0.00	154.96 8.75 0.00	162.87 9.10 0.00	187.15 9.68 0.00	209.32 10.99 0.00	156.14 9.20 0.00	152.07 8.88 0.00	146.47 8.01 0.00
EIGHT_POINT___WT_PWR 323820	123.35 -7.06 0.00	129.05 -7.02 0.00	116.24 -6.26 0.00	106.53 -6.62 0.00	83.39 -5.88 0.00	65.44 -4.48 -4.38	100.69 -7.04 -2.96	114.16 -9.00 -0.50	96.51 -8.31 -0.86	59.90 -5.70 -5.31	118.24 -13.50 0.19	63.96 -5.50 -13.96	86.34 -9.02 -5.71	50.64 -4.50 -11.97	53.63 -4.19 -13.64	63.25 -2.90 -14.22	132.52 -6.60 0.00	141.13 -5.08 0.00	149.07 -4.70 0.00	169.37 -8.09 0.00	185.12 -13.21 0.00	137.99 -8.95 0.00	134.96 -8.23 0.00	130.57 -7.88 0.00
ELBRIDGE_115KV_TB2 80188	127.15 -3.26 0.00	132.57 -3.49 0.00	119.49 -3.00 0.00	110.32 -2.83 0.00	87.04 -2.22 0.00	65.56 -1.37 -1.40	102.66 -2.11 0.00	119.99 -2.67 0.00	101.82 -2.15 0.00	61.93 -1.27 -2.91	128.64 -3.29 0.00	62.36 -1.27 -8.12	90.67 -2.30 -3.32	48.99 -1.14 -6.97	50.95 -1.16 -7.92	58.86 -1.29 -8.22	135.94 -3.17 0.00	142.80 -3.41 0.00	150.59 -3.18 0.00	174.03 -3.43 0.00	193.61 -4.72 0.00	143.71 -3.23 0.00	140.06 -3.13 0.00	135.05 -3.40 0.00
ELEC_TRO_TEK 24086	140.88 10.47 0.00	147.02 10.95 0.00	132.41 9.92 0.00	122.33 9.17 0.00	96.57 7.30 0.00	197.08 5.51 -126.03	149.77 8.28 -36.73	150.55 9.86 -18.04	137.22 8.81 -24.45	94.71 5.16 -29.25	143.50 11.57 0.00	123.61 5.27 -62.84	134.00 8.53 -35.83	113.49 4.09 -66.24	109.47 4.09 -61.20	121.51 5.12 -64.46	152.21 13.09 0.00	157.63 11.41 0.00	165.40 11.64 0.00	189.59 12.13 0.00	212.20 13.87 0.00	158.70 11.75 0.00	154.99 11.80 0.00	149.73 11.28 0.00



ELLENBURG_WT_PWR 323604	125.96 -4.46 0.00	131.11 -4.95 0.00	117.82 -4.67 0.00	90.41 -4.42 18.32	15.12 -3.60 70.54	-21.26 -2.93 83.86	-21.07 -4.17 121.67	-21.07 -4.34 139.39	-21.02 -4.34 120.65	-21.03 -2.71 78.61	-21.27 -5.38 147.83	-21.09 -2.58 74.01	-21.11 -3.81 106.95	-21.07 -1.81 62.42	-21.03 -1.96 63.25	-10.88 -2.36 60.45	134.68 -4.44 0.00	144.12 -2.09 0.00	151.15 -2.61 0.00	174.00 -3.46 0.00	195.27 -3.06 0.00	143.05 -3.90 0.00	138.74 -4.45 0.00	134.37 -4.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	120.10 -10.31 0.00	124.74 -11.33 0.00	113.05 -9.45 0.00	104.02 -9.13 0.00	81.74 -7.53 0.00	62.34 -5.21 -2.01	96.43 -8.34 0.00	111.64 -11.01 0.00	94.97 -8.99 0.00	59.27 -5.14 -4.12	119.65 -12.20 0.08	61.86 -5.08 -11.44	85.43 -8.90 -4.68	48.27 -4.71 -9.81	50.70 -4.65 -11.16	58.21 -5.33 -11.61	125.27 -13.85 0.00	131.91 -14.30 0.00	138.88 -14.88 0.00	162.71 -14.75 0.00	179.54 -18.79 0.00	133.98 -12.96 0.00	130.34 -12.85 0.00	126.19 -12.26 0.00
EMPIRE_CC_1 323656	136.04 5.62 0.00	141.81 5.75 0.00	127.77 5.27 0.00	118.05 4.90 0.00	93.16 3.89 0.00	102.46 2.89 -34.04	137.90 4.07 -29.06	131.88 4.31 -4.92	116.42 4.00 -8.45	93.85 2.56 -31.00	137.32 5.38 0.00	131.95 2.35 -74.10	123.64 3.68 -30.31	108.58 1.87 -63.54	118.25 1.90 -72.17	128.93 2.19 -74.82	144.41 5.29 0.00	150.24 4.03 0.00	157.49 3.72 0.00	181.62 4.15 0.00	203.66 5.33 0.00	152.28 5.34 0.00	148.54 5.35 0.00	143.51 5.06 0.00
EMPIRE_CC_2 323658	136.04 5.62 0.00	141.81 5.75 0.00	127.77 5.27 0.00	118.05 4.90 0.00	93.16 3.89 0.00	102.46 2.89 -34.04	137.90 4.07 -29.06	131.88 4.31 -4.92	116.42 4.00 -8.45	93.85 2.56 -31.00	137.32 5.38 0.00	131.95 2.35 -74.10	123.64 3.68 -30.31	108.58 1.87 -63.54	118.25 1.90 -72.17	128.93 2.19 -74.82	144.41 5.29 0.00	150.24 4.03 0.00	157.49 3.72 0.00	181.62 4.15 0.00	203.66 5.33 0.00	152.28 5.34 0.00	148.54 5.35 0.00	143.51 5.06 0.00
ENORWICH_115KV_TB1 80156	135.27 4.86 0.00	140.85 4.79 0.00	126.94 4.45 0.00	117.26 4.11 0.00	92.53 3.26 0.00	77.38 2.99 -8.86	117.33 5.41 -7.15	130.47 6.60 -1.21	111.05 5.01 -2.08	70.39 1.67 -8.43	134.55 2.50 -0.12	76.77 1.03 -20.23	99.39 1.47 -8.28	61.10 0.58 -17.35	64.69 0.79 -19.71	74.00 1.62 -20.45	144.74 5.63 0.00	153.89 7.68 0.00	162.75 8.98 0.00	187.75 10.28 0.00	208.30 9.97 0.00	154.21 7.27 0.00	149.79 6.60 0.00	145.25 6.80 0.00
ERIE_ST__34_KV_TB1-2 80199	123.79 -6.63 0.00	128.62 -7.45 0.00	116.49 -6.01 0.00	107.21 -5.94 0.00	84.26 -5.00 0.00	64.24 -3.38 -2.08	99.41 -5.36 0.00	115.33 -7.33 0.00	98.01 -5.95 0.00	61.11 -3.43 -4.25	123.53 -8.31 0.08	63.75 -3.55 -11.80	88.27 -6.20 -4.83	49.80 -3.27 -10.12	52.43 -3.69 -11.51	60.20 -3.69 -11.97	129.91 -9.21 0.00	136.77 -9.44 0.00	144.03 -9.73 0.00	168.45 -9.01 0.00	185.96 -12.37 0.00	138.72 -8.22 0.00	134.85 -8.34 0.00	130.51 -7.95 0.00
ERIE_WT_PWR 323693	121.32 -9.09 0.00	125.90 -10.17 0.00	114.16 -8.34 0.00	104.95 -8.20 0.00	82.45 -6.81 0.00	62.96 -4.62 -2.05	97.41 -7.36 0.00	112.85 -9.80 0.00	95.84 -8.12 0.00	59.87 -4.62 -4.20	120.83 -11.02 0.08	62.58 -4.59 -11.67	86.27 -8.15 -4.78	48.88 -4.29 -10.01	51.36 -4.21 -11.39	58.96 -4.81 -11.84	126.73 -12.39 0.00	133.42 -12.79 0.00	140.50 -13.27 0.00	164.46 -12.99 0.00	181.63 -16.70 0.00	135.59 -11.35 0.00	131.79 -11.40 0.00	127.64 -10.81 0.00
ESPRGFLD_115KV_TB1 80157	135.40 4.99 0.00	141.23 5.16 0.00	127.16 4.67 0.00	117.23 4.08 0.00	92.32 3.06 0.00	135.49 2.50 -67.46	187.00 4.70 -77.53	141.42 5.64 -13.12	130.96 4.43 -22.56	81.50 2.26 -18.95	136.94 5.01 0.00	57.66 2.16 0.00	92.98 3.34 0.00	44.68 1.51 0.00	45.71 1.52 0.00	53.93 2.01 0.00	145.36 6.24 0.00	153.40 7.19 0.00	161.81 8.05 0.00	186.74 9.27 0.00	207.95 9.62 0.00	154.32 7.37 0.00	150.14 6.94 0.00	144.95 6.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	131.08 0.67 0.00	136.64 0.58 0.00	123.16 0.66 0.00	113.74 0.59 0.00	89.72 0.46 0.00	71.18 0.70 -4.95	109.58 1.35 -3.47	124.72 1.48 -0.59	106.07 1.10 -1.01	66.33 0.24 -5.79	131.92 -0.32 -0.30	70.39 -0.11 -15.00	95.48 -0.30 -6.14	55.76 -0.26 -12.86	58.64 -0.16 -14.62	67.17 0.06 -15.18	139.86 0.75 0.00	147.58 1.37 0.00	155.87 2.10 0.00	180.11 2.65 0.00	200.26 1.93 -0.01	148.60 1.66 0.00	144.59 1.40 0.00	139.45 1.00 0.00
ETNA____115KV_TB2 80207	131.08 0.67 0.00	136.64 0.58 0.00	123.16 0.66 0.00	113.74 0.59 0.00	89.72 0.46 0.00	71.18 0.70 -4.95	109.58 1.35 -3.47	124.72 1.48 -0.59	106.07 1.10 -1.01	66.33 0.24 -5.79	131.92 -0.32 -0.30	70.39 -0.11 -15.00	95.48 -0.30 -6.14	55.76 -0.26 -12.86	58.64 -0.16 -14.62	67.17 0.06 -15.18	139.86 0.75 0.00	147.58 1.37 0.00	155.87 2.10 0.00	180.11 2.65 0.00	200.26 1.93 -0.01	148.60 1.66 0.00	144.59 1.40 0.00	139.45 1.00 0.00
EUCLID____115KV_TB2 356179	126.33 -4.09 0.00	131.72 -4.34 0.00	118.73 -3.77 0.00	109.62 -3.53 0.00	86.47 -2.80 0.00	64.20 -1.84 -0.51	101.91 -2.85 0.00	119.17 -3.49 0.00	101.15 -2.82 0.00	60.67 -1.62 -1.99	128.01 -3.92 0.00	60.74 -1.53 -6.76	89.69 -2.72 -2.77	47.62 -1.34 -5.80	49.42 -1.36 -6.59	57.24 -1.52 -6.84	135.12 -4.00 0.00	141.86 -4.35 0.00	149.25 -4.51 0.00	172.50 -4.96 0.00	192.28 -6.05 0.00	142.73 -4.21 0.00	139.05 -4.14 0.00	134.26 -4.19 0.00
E_CANADA_CAP_HY 24051	137.00 6.58 0.00	142.86 6.80 0.00	128.60 6.11 0.00	118.55 5.40 0.00	93.34 4.08 0.00	162.38 3.20 -93.64	211.21 5.90 -100.55	146.54 6.87 -17.01	138.54 5.31 -29.26	113.72 2.77 -50.65	138.10 6.17 0.00	148.04 2.58 -89.96	130.46 4.01 -36.80	122.15 1.84 -77.14	133.65 1.84 -87.62	144.94 2.19 -90.83	146.20 7.08 0.00	154.64 8.42 0.00	163.06 9.29 0.00	188.28 10.82 0.00	209.86 11.53 0.00	156.01 9.06 0.00	151.87 8.68 0.00	146.72 8.27 0.00
E_CANADA_MHWK_HY 24050	137.55 7.14 0.00	143.52 7.46 0.00	129.25 6.75 0.00	120.56 6.41 -1.00	97.82 4.98 -3.57	71.09 3.94 -1.61	110.56 5.79 0.00	129.39 6.74 0.00	110.80 5.70 -1.14	63.60 3.31 0.00	142.56 7.04 -3.59	61.28 2.85 -2.93	94.74 4.42 -0.67	45.28 2.12 0.00	48.65 2.36 -2.10	57.36 2.61 -2.82	146.26 7.14 0.00	152.69 6.48 0.00	160.46 6.70 0.00	184.63 7.17 0.00	206.54 8.21 0.00	154.42 7.47 0.00	150.73 7.54 0.00	145.17 6.72 0.00
E_FISHKILL____LBMP 23776	138.59 8.18 0.00	144.61 8.55 0.00	130.17 7.68 0.00	120.20 7.05 0.00	94.72 5.46 0.00	86.97 4.06 -17.38	121.18 6.01 -10.40	131.50 7.09 -1.76	113.43 6.44 -3.03	87.88 3.86 -23.72	140.66 8.73 0.00	123.57 3.92 -64.15	122.19 6.30 -26.24	101.23 3.05 -55.01	109.79 3.13 -62.48	120.53 3.83 -64.77	148.97 9.85 0.00	154.89 8.68 0.00	162.46 8.69 0.00	186.53 9.07 0.00	208.95 10.63 0.00	156.20 9.25 0.00	152.46 9.27 0.00	147.03 8.58 0.00
FALCON____SEABRD_CC1 323796	127.99 -2.42 0.00	133.21 -2.86 0.00	119.66 -2.83 0.00	91.82 -3.07 18.27	16.08 -2.75 70.43	-21.02 -2.23 84.32	-21.21 -3.13 122.85	-21.16 -3.07 140.75	-20.76 -3.15 121.57	-21.19 -2.11 79.37	-21.08 -4.54 148.47	-20.83 -2.25 74.08	-21.47 -3.28 107.84	-21.41 -1.55 63.02	-20.84 -1.62 63.41	-10.46 -1.97 60.42	135.61 -3.51 0.00	145.26 -0.95 0.00	152.28 -1.48 0.00	174.76 -2.70 0.00	196.01 -2.32 0.00	143.95 -2.99 0.00	139.59 -3.60 0.00	135.18 -3.27 0.00



FALCON___SEABRD_CC2 323797	127.99 -2.42 0.00	133.21 -2.86 0.00	119.66 -2.83 0.00	91.82 -3.07 18.27	16.08 -2.75 70.43	-21.02 -2.23 84.32	-21.21 -3.13 122.85	-21.16 -3.07 140.75	-20.76 -3.15 121.57	-21.19 -2.11 79.37	-21.08 -4.54 148.47	-20.83 -2.25 74.08	-21.47 -3.28 107.84	-21.41 -1.55 63.02	-20.84 -1.62 63.41	-10.46 -1.97 60.42	135.61 -3.51 0.00	145.26 -0.95 0.00	152.28 -1.48 0.00	174.76 -2.70 0.00	196.01 -2.32 0.00	143.95 -2.99 0.00	139.59 -3.60 0.00	135.18 -3.27 0.00
FAR ROCKAWAY___4 23548	142.56 12.15 0.00	148.71 12.64 0.00	133.92 11.43 0.00	123.70 10.54 0.00	97.66 8.40 0.00	197.90 6.34 -126.03	151.18 9.69 -36.73	152.15 11.45 -18.04	138.53 10.12 -24.45	95.47 5.93 -29.25	145.24 13.30 0.00	124.36 6.02 -62.84	135.28 9.80 -35.83	114.03 4.63 -66.24	110.03 4.65 -61.20	122.19 5.81 -64.46	154.18 15.07 0.00	159.92 13.71 0.00	167.93 14.16 0.00	192.53 15.07 0.00	215.49 17.16 0.00	160.97 14.03 0.00	157.16 13.97 0.00	151.69 13.24 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	140.30 9.89 0.00	146.32 10.25 0.00	131.60 9.11 0.00	121.46 8.31 0.00	95.73 6.46 0.00	87.43 4.84 -17.06	122.08 7.08 -10.23	132.82 8.43 -1.73	114.63 7.69 -2.98	88.24 4.69 -23.25	142.77 10.84 0.00	123.30 4.94 -62.85	123.25 7.90 -25.71	100.88 3.82 -53.90	109.29 3.89 -61.22	120.14 4.75 -63.46	151.44 12.32 0.00	157.11 10.90 0.00	164.71 10.95 0.00	188.70 11.24 0.00	211.62 13.29 0.00	158.27 11.32 0.00	154.47 11.28 0.00	148.94 10.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	140.40 9.99 0.00	146.41 10.34 0.00	131.69 9.19 0.00	121.52 8.37 0.00	95.78 6.51 0.00	87.48 4.89 -17.06	122.16 7.16 -10.23	132.88 8.49 -1.73	114.67 7.73 -2.98	88.25 4.70 -23.25	142.89 10.95 0.00	123.33 4.98 -62.85	123.30 7.94 -25.71	100.91 3.85 -53.90	109.32 3.91 -61.22	120.17 4.78 -63.46	151.51 12.39 0.00	157.21 11.00 0.00	164.80 11.03 0.00	188.85 11.38 0.00	211.73 13.40 0.00	158.38 11.43 0.00	154.61 11.42 0.00	149.06 10.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	140.27 9.86 0.00	146.25 10.18 0.00	131.56 9.07 0.00	121.41 8.26 0.00	95.69 6.43 0.00	87.40 4.81 -17.06	122.05 7.05 -10.23	132.75 8.36 -1.73	114.55 7.61 -2.98	88.18 4.63 -23.25	142.74 10.81 0.00	123.27 4.91 -62.85	123.21 7.85 -25.71	100.87 3.81 -53.90	109.27 3.87 -61.22	120.11 4.73 -63.46	151.35 12.23 0.00	157.04 10.83 0.00	164.62 10.85 0.00	188.62 11.16 0.00	211.49 13.16 0.00	158.15 11.21 0.00	154.36 11.17 0.00	148.85 10.40 0.00
FARRAGUT___LBMP 323566	140.14 9.72 0.00	146.14 10.08 0.00	131.46 8.97 0.00	121.32 8.17 0.00	95.62 6.35 0.00	87.36 4.76 -17.06	121.94 6.94 -10.23	132.63 8.24 -1.73	114.44 7.50 -2.98	88.12 4.57 -23.25	142.59 10.66 0.00	123.19 4.83 -62.85	123.12 7.76 -25.71	100.82 3.76 -53.90	109.22 3.82 -61.22	120.06 4.68 -63.46	151.18 12.06 0.00	156.88 10.67 0.00	164.44 10.68 0.00	188.46 11.00 0.00	211.30 12.98 0.00	158.01 11.07 0.00	154.25 11.06 0.00	148.72 10.27 0.00
FENNER___WINDPWR 24204	131.73 1.32 0.00	137.44 1.37 0.00	123.90 1.40 0.00	114.50 1.35 0.00	90.37 1.10 0.00	68.08 1.08 -1.47	106.85 2.08 0.00	125.15 2.49 0.00	106.08 2.12 0.00	64.46 1.13 -3.04	134.23 2.24 -0.06	64.99 0.98 -8.51	94.64 1.51 -3.48	51.14 0.68 -7.29	53.22 0.75 -8.29	61.50 0.98 -8.59	142.08 2.96 0.00	149.10 2.89 0.00	156.78 3.02 0.00	180.88 3.42 0.00	201.73 3.41 0.00	149.59 2.65 0.00	145.77 2.58 0.00	140.74 2.29 0.00
FIBERTEK___ENERGY 23856	128.41 -2.00 0.00	133.86 -2.21 0.00	120.67 -1.83 0.00	111.41 -1.75 0.00	87.90 -1.36 0.00	66.12 -0.74 -1.33	103.73 -1.04 0.00	121.25 -1.41 0.00	102.87 -1.09 0.00	62.41 -0.66 -2.78	130.04 -1.89 0.00	62.62 -0.67 -7.78	91.50 -1.33 -3.18	49.15 -0.69 -6.67	51.09 -0.68 -7.58	59.10 -0.70 -7.87	137.51 -1.61 0.00	144.50 -1.71 0.00	152.20 -1.56 0.00	175.96 -1.50 0.00	195.83 -2.50 0.00	145.31 -1.63 0.00	141.60 -1.59 0.00	136.61 -1.84 0.00
FITZPATRICK____ 23598	124.75 -5.66 0.00	130.07 -5.99 0.00	117.21 -5.28 0.00	108.23 -4.92 0.00	85.36 -3.90 0.00	63.17 -2.73 -0.37	100.46 -4.31 0.00	117.48 -5.17 0.00	99.67 -4.30 0.00	59.30 -2.44 -1.45	126.24 -5.69 0.00	58.15 -2.28 -4.92	87.74 -3.91 -2.01	45.50 -1.88 -4.22	47.05 -1.93 -4.79	54.65 -2.25 -4.97	133.13 -5.99 0.00	139.84 -6.37 0.00	147.15 -6.62 0.00	169.98 -7.48 0.00	189.62 -8.71 0.00	140.70 -6.24 0.00	137.09 -6.11 0.00	132.44 -6.01 0.00
FLOWRFLD_69_KV_BK1 356044	142.00 11.59 0.00	148.35 12.28 0.00	133.76 11.26 0.00	123.69 10.54 0.00	97.76 8.49 0.00	206.38 6.63 -134.22	172.44 10.07 -57.60	186.17 12.06 -51.45	146.04 10.66 -31.42	95.51 5.96 -29.25	144.59 12.66 0.00	123.97 5.63 -62.84	134.68 9.21 -35.83	113.79 4.39 -66.24	109.70 4.31 -61.20	121.92 5.54 -64.46	153.08 13.96 0.00	158.35 12.14 0.00	166.17 12.41 0.00	190.34 12.88 0.00	212.41 14.08 0.00	159.20 12.25 0.00	155.80 12.61 0.00	150.96 12.51 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	140.60 10.19 0.00	146.64 10.58 0.00	131.99 9.50 0.00	121.86 8.71 0.00	96.05 6.78 0.00	88.01 5.08 -17.39	123.17 7.80 -10.60	133.71 9.25 -1.79	115.20 8.15 -3.08	88.50 4.79 -23.41	142.55 10.62 0.00	123.30 4.70 -63.10	123.00 7.54 -25.81	100.91 3.64 -54.11	109.39 3.75 -61.46	120.25 4.62 -63.70	151.33 12.21 0.00	157.59 11.38 0.00	165.46 11.69 0.00	189.99 12.53 0.00	212.74 14.41 0.00	158.87 11.93 0.00	154.84 11.65 0.00	149.22 10.77 0.00
FORT ORANGE____ 23900	136.59 6.18 0.00	142.36 6.29 0.00	128.47 5.97 0.00	118.88 5.72 0.00	93.85 4.59 0.00	124.30 3.05 -55.71	163.76 3.87 -55.12	136.46 4.48 -9.33	124.20 4.20 -16.04	100.23 2.68 -37.26	137.08 5.15 0.00	134.06 2.21 -76.35	124.38 3.50 -31.23	110.46 1.82 -65.47	120.31 1.76 -74.37	130.83 1.82 -77.09	143.50 4.38 0.00	149.74 3.53 0.00	157.11 3.35 0.00	181.05 3.59 0.00	202.78 4.46 0.00	151.17 4.23 0.00	147.54 4.34 0.00	143.55 5.10 0.00
FORT_DRUM_COGEN 23780	131.01 0.60 0.00	136.35 0.29 0.00	122.36 -0.13 0.00	109.23 -0.16 3.76	75.93 -0.09 13.24	62.59 0.27 3.22	112.13 1.47 -5.90	132.00 2.58 -6.76	105.55 1.08 -0.50	65.02 -0.18 -4.91	120.55 -1.54 9.84	48.63 -0.67 6.20	92.01 -1.29 -3.66	49.23 -0.38 -6.45	40.92 -0.38 2.88	45.31 -0.33 6.28	139.54 0.42 0.00	149.75 3.54 0.00	157.43 3.67 0.00	181.34 3.88 0.00	202.18 3.85 0.00	149.02 2.08 0.00	149.84 6.64 0.00	146.55 8.10 0.00
FOX_HILLS___ESR 323835	140.84 10.42 0.00	146.84 10.77 0.00	132.01 9.51 0.00	121.89 8.73 -0.01	106.93 6.88 -10.78	102.44 5.34 -31.57	122.40 7.40 -10.23	646.50 8.61 -515.23	1068.18 8.07 -956.15	375.67 4.95 -310.42	475.38 11.03 -332.42	423.71 4.94 -363.27	372.96 7.85 -275.46	197.16 3.90 -150.09	258.39 4.01 -210.20	495.57 4.90 -438.74	697.13 12.62 -545.40	719.92 11.24 -562.48	920.12 11.51 -754.85	432.61 11.96 -243.19	930.66 14.72 -717.62	432.23 12.41 -272.88	509.36 12.06 -354.10	227.40 11.02 -77.92
FPL FAR_ROCK_GT1 24212	142.54 12.13 0.00	148.70 12.64 0.00	133.92 11.43 0.00	123.70 10.54 0.00	97.67 8.40 0.00	197.90 6.34 -126.03	151.18 9.69 -36.73	152.14 11.45 -18.04	138.54 10.13 -24.45	95.48 5.93 -29.25	145.25 13.32 0.00	124.37 6.02 -62.84	135.28 9.80 -35.83	114.03 4.63 -66.24	110.04 4.65 -61.20	122.20 5.81 -64.46	154.20 15.08 0.00	159.90 13.69 0.00	167.94 14.17 0.00	192.51 15.05 0.00	215.51 17.18 0.00	160.98 14.03 0.00	157.14 13.95 0.00	151.65 13.20 0.00



FPL FAR_ROCK_GT2 23815	142.54 12.13 0.00	148.70 12.64 0.00	133.92 11.43 0.00	123.70 10.54 0.00	97.67 8.40 0.00	197.90 6.34 -126.03	151.18 9.69 -36.73	152.14 11.45 -18.04	138.54 10.13 -24.45	95.48 5.93 -29.25	145.25 13.32 0.00	124.37 6.02 -62.84	135.28 9.80 -35.83	114.03 4.63 -66.24	110.04 4.65 -61.20	122.20 5.81 -64.46	154.20 15.08 0.00	159.90 13.69 0.00	167.94 14.17 0.00	192.51 15.05 0.00	215.51 17.18 0.00	160.98 14.03 0.00	157.14 13.95 0.00	151.65 13.20 0.00
FRANKLIN_FALL_HYD 24054	129.18 -1.23 0.00	134.31 -1.75 0.00	120.61 -1.89 0.00	94.25 -1.81 17.10	30.05 -1.47 57.75	75.53 -1.34 -11.34	191.29 -1.22 -87.74	222.60 -0.59 -100.52	154.90 -1.37 -52.31	115.64 -1.09 -56.44	126.79 -2.01 3.13	18.34 -1.26 35.91	144.74 -1.52 -56.61	87.40 -0.77 -45.01	24.99 -1.00 18.19	8.28 -1.34 42.31	137.47 -1.65 0.00	147.64 1.43 0.00	155.02 1.26 0.00	178.77 1.31 0.00	200.39 2.06 0.00	146.41 -0.53 0.00	142.24 -0.95 0.00	138.02 -0.43 0.00
FREEPORT_EQUS_GT1 23764	141.67 11.26 0.00	147.74 11.67 0.00	133.10 10.60 0.00	123.00 9.85 0.00	97.12 7.85 0.00	197.49 5.93 -126.03	150.46 8.96 -36.73	151.35 10.65 -18.04	137.85 9.44 -24.45	95.07 5.53 -29.25	144.26 12.33 0.00	123.88 5.54 -62.84	134.44 8.97 -35.83	113.69 4.29 -66.24	109.67 4.28 -61.20	121.77 5.39 -64.46	153.01 13.89 0.00	158.09 11.88 0.00	166.08 12.32 0.00	190.37 12.91 0.00	212.97 14.64 0.00	159.55 12.61 0.00	155.85 12.66 0.00	150.56 12.11 0.00
FREEPORT___CT2 23818	141.67 11.26 0.00	147.74 11.67 0.00	133.10 10.60 0.00	123.00 9.85 0.00	97.12 7.85 0.00	197.49 5.93 -126.03	150.46 8.96 -36.73	151.35 10.65 -18.04	137.85 9.44 -24.45	95.07 5.53 -29.25	144.26 12.33 0.00	123.88 5.54 -62.84	134.44 8.97 -35.83	113.69 4.29 -66.24	109.67 4.28 -61.20	121.77 5.39 -64.46	153.01 13.89 0.00	158.09 11.88 0.00	166.08 12.32 0.00	190.37 12.91 0.00	212.97 14.64 0.00	159.55 12.61 0.00	155.85 12.66 0.00	150.56 12.11 0.00
FRESHKLS_33_KV_LOAD 356253	140.58 10.17 0.00	146.64 10.58 0.00	131.82 9.33 0.00	121.70 8.54 -0.01	106.90 6.86 -10.78	102.45 5.34 -31.57	122.21 7.22 -10.23	646.14 8.24 -515.23	1067.93 7.82 -956.15	375.52 4.81 -310.42	478.53 10.45 -336.15	424.01 4.69 -363.82	372.54 7.44 -275.46	198.68 3.74 -151.77	260.16 3.83 -212.14	495.93 4.72 -439.28	696.70 12.19 -545.40	720.00 10.89 -562.90	920.41 11.08 -755.57	432.22 11.57 -243.19	930.35 14.41 -717.62	432.03 12.20 -272.88	509.03 11.73 -354.10	226.98 10.61 -77.92
FULTON COGEN____ 23766	129.19 -1.23 0.00	134.58 -1.49 0.00	121.25 -1.25 0.00	111.36 -1.19 0.60	86.18 -0.91 2.17	64.67 -0.38 0.49	104.43 -0.34 0.00	122.15 -0.51 0.00	102.97 -0.29 0.70	62.04 -0.22 -1.96	128.89 -0.84 2.20	60.17 -0.20 -4.87	91.35 -0.61 -2.31	48.55 -0.33 -5.72	49.09 -0.31 -5.21	56.69 -0.25 -5.01	138.68 -0.43 0.00	145.90 -0.31 0.00	153.59 -0.18 0.00	177.47 0.02 0.00	197.54 -0.78 0.00	146.47 -0.48 0.00	142.91 -0.28 0.00	138.01 -0.44 0.00
FULTON___LFGE 323630	139.11 8.69 0.00	145.03 8.97 0.00	130.54 8.04 0.00	120.40 7.25 0.00	94.90 5.64 0.00	171.30 4.38 -101.39	222.42 7.55 -110.10	150.06 8.77 -18.63	142.78 6.78 -32.04	115.37 3.50 -51.58	139.80 7.86 0.00	144.40 3.17 -85.72	129.62 4.91 -35.07	118.87 2.19 -73.51	129.99 2.31 -83.50	141.34 2.86 -86.55	148.76 9.64 0.00	157.06 10.85 0.00	165.47 11.71 0.00	190.95 13.49 0.00	212.94 14.61 0.00	158.14 11.20 0.00	153.82 10.63 0.00	148.44 9.99 0.00
G.F.CEMENT___DRP 24184	142.85 12.43 0.00	148.84 12.78 0.00	133.95 11.45 0.00	123.70 10.55 0.00	97.64 8.38 0.00	173.73 6.54 -101.66	225.98 10.53 -110.68	153.62 12.23 -18.73	146.68 10.51 -32.20	116.42 6.13 -49.99	145.13 13.20 0.00	140.25 5.43 -79.31	130.83 8.74 -32.45	115.30 4.13 -68.01	125.84 4.40 -77.25	137.29 5.28 -80.08	153.37 14.25 0.00	160.46 14.25 0.00	168.23 14.47 0.00	194.19 16.73 0.00	217.00 18.67 0.00	161.48 14.53 0.00	157.43 14.23 0.00	152.10 13.64 0.00
GARDENVILLE___LBMP 24039	120.76 -9.65 0.00	125.43 -10.64 0.00	113.68 -8.82 0.00	104.57 -8.58 0.00	82.14 -7.13 0.00	62.68 -4.90 -2.05	96.95 -7.82 0.00	112.27 -10.39 0.00	95.49 -8.47 0.00	59.58 -4.90 -4.19	120.20 -11.65 0.08	62.28 -4.86 -11.63	85.90 -8.50 -4.76	48.64 -4.50 -9.98	51.11 -4.42 -11.35	58.70 -5.03 -11.81	126.13 -12.99 0.00	132.82 -13.39 0.00	139.92 -13.84 0.00	163.77 -13.69 0.00	180.70 -17.63 0.00	134.87 -12.07 0.00	131.22 -11.97 0.00	127.00 -11.45 0.00
GARDNVLA_35_KV_LD 355827	121.43 -8.99 0.00	126.05 -10.02 0.00	114.23 -8.26 0.00	105.12 -8.03 0.00	82.57 -6.69 0.00	63.03 -4.56 -2.06	97.50 -7.26 0.00	112.96 -9.70 0.00	96.03 -7.93 0.00	59.95 -4.55 -4.21	120.99 -10.86 0.08	62.66 -4.53 -11.69	86.42 -8.01 -4.78	48.94 -4.25 -10.02	51.45 -4.14 -11.40	59.08 -4.71 -11.86	126.96 -12.16 0.00	133.71 -12.51 0.00	140.82 -12.95 0.00	164.86 -12.60 0.00	181.96 -16.37 0.00	135.77 -11.18 0.00	132.02 -11.17 0.00	127.75 -10.70 0.00
GELCKHM___115KV_LOAD 80723	127.11 -3.30 0.00	132.54 -3.53 0.00	119.46 -3.03 0.00	110.30 -2.85 0.00	87.01 -2.25 0.00	64.64 -1.43 -0.54	102.61 -2.16 0.00	119.96 -2.69 0.00	101.80 -2.16 0.00	61.13 -1.26 -2.10	128.80 -3.13 0.00	61.45 -1.20 -7.14	90.39 -2.18 -2.92	48.20 -1.09 -6.13	50.05 -1.09 -6.96	57.94 -1.21 -7.22	136.04 -3.08 0.00	142.89 -3.32 0.00	150.42 -3.34 0.00	173.85 -3.61 0.00	193.63 -4.70 0.00	143.71 -3.23 0.00	140.04 -3.15 0.00	135.18 -3.27 0.00
GENERAL___MILLS 23808	121.24 -9.17 0.00	125.90 -10.17 0.00	114.08 -8.42 0.00	105.00 -8.16 0.00	82.48 -6.78 0.00	62.93 -4.65 -2.05	97.38 -7.38 0.00	112.77 -9.89 0.00	95.87 -8.09 0.00	59.84 -4.66 -4.20	120.73 -11.12 0.08	62.54 -4.64 -11.67	86.27 -8.15 -4.78	48.85 -4.33 -10.01	51.35 -4.23 -11.39	58.96 -4.81 -11.84	126.71 -12.41 0.00	133.45 -12.76 0.00	140.52 -13.24 0.00	164.50 -12.96 0.00	181.56 -16.76 0.00	135.49 -11.45 0.00	131.79 -11.40 0.00	127.54 -10.91 0.00
GE_PLASTICS___DRP 24183	135.52 5.10 0.00	141.34 5.27 0.00	127.44 4.95 0.00	117.84 4.68 0.00	92.98 3.72 0.00	114.59 2.65 -46.41	152.22 3.66 -43.78	134.30 4.23 -7.41	120.62 3.92 -12.74	97.61 2.47 -34.84	136.93 4.99 0.00	133.96 2.17 -76.29	124.31 3.46 -31.21	110.35 1.76 -65.42	120.23 1.74 -74.31	130.85 1.90 -77.03	143.79 4.67 0.00	149.94 3.73 0.00	157.33 3.57 0.00	181.30 3.84 0.00	203.12 4.79 0.00	151.45 4.51 0.00	147.70 4.51 0.00	142.85 4.40 0.00
GILBOA___1 23756	135.18 4.77 0.00	141.44 5.37 0.00	127.42 4.93 0.00	117.65 4.50 0.00	92.46 3.20 0.00	81.65 2.40 -13.72	114.82 3.54 -6.51	127.86 4.10 -1.10	109.60 3.74 -1.89	84.28 2.25 -21.74	136.78 4.85 0.00	118.32 2.16 -60.66	117.89 3.43 -24.81	96.84 1.66 -52.02	104.98 1.72 -59.08	115.22 2.06 -61.24	144.13 5.01 0.00	149.81 3.60 0.00	157.24 3.47 0.00	181.37 3.91 0.00	203.48 5.16 0.00	152.07 5.13 0.00	148.29 5.10 0.00	143.22 4.77 0.00
GILBOA___2 23757	135.18 4.77 0.00	141.44 5.37 0.00	127.42 4.93 0.00	117.65 4.50 0.00	92.46 3.20 0.00	81.65 2.40 -13.72	114.82 3.54 -6.51	127.86 4.10 -1.10	109.60 3.74 -1.89	84.28 2.25 -21.74	136.78 4.85 0.00	118.32 2.16 -60.66	117.89 3.43 -24.81	96.84 1.66 -52.02	104.98 1.72 -59.08	115.22 2.06 -61.24	144.13 5.01 0.00	149.81 3.60 0.00	157.24 3.47 0.00	181.37 3.91 0.00	203.48 5.16 0.00	152.07 5.13 0.00	148.29 5.10 0.00	143.22 4.77 0.00



GILBOA___3 23758	135.18 4.77 0.00	141.44 5.37 0.00	127.42 4.93 0.00	117.65 4.50 0.00	92.46 3.20 0.00	81.65 2.40 -13.72	114.82 3.54 -6.51	127.86 4.10 -1.10	109.60 3.74 -1.89	84.28 2.25 -21.74	136.78 4.85 0.00	118.32 2.16 -60.66	117.89 3.43 -24.81	96.84 1.66 -52.02	104.98 1.72 -59.08	115.22 2.06 -61.24	144.13 5.01 0.00	149.81 3.60 0.00	157.24 3.47 0.00	181.37 3.91 0.00	203.48 5.16 0.00	152.07 5.13 0.00	148.29 5.10 0.00	143.22 4.77 0.00
GILBOA___4 23759	135.18 4.77 0.00	141.44 5.37 0.00	127.42 4.93 0.00	117.65 4.50 0.00	92.46 3.20 0.00	81.65 2.40 -13.72	114.82 3.54 -6.51	127.86 4.10 -1.10	109.60 3.74 -1.89	84.28 2.25 -21.74	136.78 4.85 0.00	118.32 2.16 -60.66	117.89 3.43 -24.81	96.84 1.66 -52.02	104.98 1.72 -59.08	115.22 2.06 -61.24	144.13 5.01 0.00	149.81 3.60 0.00	157.24 3.47 0.00	181.37 3.91 0.00	203.48 5.16 0.00	152.07 5.13 0.00	148.29 5.10 0.00	143.22 4.77 0.00
GILBOA___ 23599	135.19 4.77 0.00	141.44 5.38 0.00	127.42 4.92 0.00	117.65 4.50 0.00	92.46 3.19 0.00	81.65 2.40 -13.72	114.83 3.55 -6.51	127.86 4.10 -1.10	109.60 3.74 -1.89	84.27 2.24 -21.74	136.78 4.85 0.00	118.32 2.16 -60.66	117.88 3.42 -24.81	96.84 1.67 -52.02	104.98 1.72 -59.08	115.22 2.06 -61.24	144.13 5.01 0.00	149.81 3.60 0.00	157.24 3.47 0.00	181.37 3.91 0.00	203.51 5.18 0.00	152.07 5.13 0.00	148.30 5.11 0.00	143.23 4.78 0.00
GINNA___ 23603	118.76 -11.65 0.00	123.70 -12.37 0.00	111.73 -10.76 0.00	103.08 -10.08 0.00	81.27 -8.00 0.00	61.59 -5.46 -1.52	96.27 -8.50 0.00	112.20 -10.45 0.00	95.32 -8.64 0.00	58.51 -4.93 -3.15	120.43 -11.46 0.04	59.63 -4.66 -8.79	85.24 -8.00 -3.59	46.63 -4.07 -7.53	48.62 -4.13 -8.57	55.99 -4.84 -8.91	126.30 -12.82 0.00	132.82 -13.39 0.00	139.84 -13.92 0.00	162.46 -15.00 0.00	180.26 -18.07 0.00	133.75 -13.20 0.00	129.85 -13.34 0.00	125.43 -13.02 0.00
GLEN PARK___ 23778	132.01 1.59 0.00	137.36 1.30 0.00	123.30 0.81 0.00	110.31 0.73 3.57	77.31 0.62 12.57	63.34 0.84 3.03	112.78 2.39 -5.62	132.76 3.66 -6.44	106.36 1.90 -0.49	65.25 0.17 -4.78	121.68 -0.91 9.34	49.55 -0.41 5.54	92.40 -0.87 -3.63	49.44 -0.15 -6.44	41.64 -0.16 2.39	46.34 0.02 5.61	140.60 1.48 0.00	151.00 4.78 0.00	158.92 5.16 0.00	183.14 5.68 0.00	204.09 5.76 0.00	150.40 3.46 0.00	150.97 7.78 0.00	147.52 9.07 0.00
GLENDALE_27_KV_LOAD 356172	141.21 10.79 0.00	147.26 11.19 0.00	132.33 9.84 0.00	122.19 9.04 0.00	96.25 6.99 0.00	87.90 5.31 -17.06	122.77 7.77 -10.23	133.60 9.22 -1.73	115.45 8.51 -2.98	88.69 5.14 -23.26	159.40 11.96 -15.51	152.98 5.40 -92.08	150.32 8.65 -52.02	115.84 4.17 -68.51	113.67 4.25 -65.23	121.69 5.19 -64.57	152.52 13.39 0.00	159.10 12.02 -0.87	172.11 12.35 -6.00	190.17 12.71 0.00	213.42 15.09 0.00	160.16 12.57 -0.64	170.35 12.59 -14.57	150.06 11.60 0.00
GLENWOOD_IC_1_G5 23712	141.59 11.18 0.00	147.77 11.70 0.00	133.03 10.53 0.00	122.93 9.78 0.00	97.09 7.82 0.00	197.47 5.91 -126.03	150.47 8.97 -36.73	151.39 10.69 -18.04	137.94 9.53 -24.45	95.11 5.56 -29.25	144.41 12.48 0.00	123.96 5.62 -62.84	134.62 9.15 -35.83	113.75 4.35 -66.24	109.76 4.37 -61.20	121.85 5.46 -64.46	153.14 14.02 0.00	158.11 11.90 0.00	165.93 12.16 0.00	190.13 12.67 0.00	213.45 15.12 0.00	159.61 12.67 0.00	155.87 12.68 0.00	150.52 12.07 0.00
GLENWOOD_IC_2_G1 23688	141.22 10.81 0.00	147.35 11.28 0.00	132.67 10.17 0.00	122.59 9.44 0.00	96.78 7.51 0.00	197.25 5.69 -126.03	150.07 8.57 -36.73	150.91 10.21 -18.04	137.53 9.12 -24.45	94.89 5.35 -29.25	143.89 11.96 0.00	123.75 5.41 -62.84	134.27 8.80 -35.83	113.59 4.19 -66.24	109.59 4.21 -61.20	121.65 5.27 -64.46	152.63 13.52 0.00	157.98 11.77 0.00	165.79 12.02 0.00	190.04 12.58 0.00	212.81 14.48 0.00	159.13 12.19 0.00	155.40 12.21 0.00	150.08 11.63 0.00
GLENWOOD_IC_3_G1 23689	141.22 10.81 0.00	147.35 11.28 0.00	132.67 10.17 0.00	122.59 9.44 0.00	96.78 7.51 0.00	197.25 5.69 -126.03	150.07 8.57 -36.73	150.91 10.21 -18.04	137.53 9.12 -24.45	94.89 5.35 -29.25	143.89 11.96 0.00	123.75 5.41 -62.84	134.27 8.80 -35.83	113.59 4.19 -66.24	109.59 4.21 -61.20	121.65 5.27 -64.46	152.63 13.52 0.00	157.98 11.77 0.00	165.79 12.02 0.00	190.04 12.58 0.00	212.81 14.48 0.00	159.13 12.19 0.00	155.40 12.21 0.00	150.08 11.63 0.00
GLENWOOD___4 23550	141.59 11.18 0.00	147.77 11.70 0.00	133.03 10.53 0.00	122.93 9.78 0.00	97.09 7.82 0.00	197.47 5.91 -126.03	150.47 8.97 -36.73	151.39 10.69 -18.04	137.94 9.53 -24.45	95.11 5.56 -29.25	144.41 12.48 0.00	123.96 5.62 -62.84	134.62 9.15 -35.83	113.75 4.35 -66.24	109.76 4.37 -61.20	121.85 5.46 -64.46	153.16 14.04 0.00	158.28 12.07 0.00	166.11 12.34 0.00	190.39 12.93 0.00	213.47 15.14 0.00	159.61 12.67 0.00	155.87 12.68 0.00	150.52 12.07 0.00
GLENWOOD___5 23614	141.59 11.18 0.00	147.77 11.70 0.00	133.03 10.53 0.00	122.93 9.78 0.00	97.09 7.82 0.00	197.47 5.91 -126.03	150.47 8.97 -36.73	151.39 10.69 -18.04	137.94 9.53 -24.45	95.11 5.56 -29.25	144.41 12.48 0.00	123.96 5.62 -62.84	134.62 9.15 -35.83	113.75 4.35 -66.24	109.76 4.37 -61.20	121.85 5.46 -64.46	153.16 14.04 0.00	158.28 12.07 0.00	166.11 12.34 0.00	190.39 12.93 0.00	213.47 15.14 0.00	159.61 12.67 0.00	155.87 12.68 0.00	150.52 12.07 0.00
GLOBAL GREEN_PORT_GT1 23814	141.57 11.16 0.00	147.76 11.70 0.00	133.27 10.77 0.00	123.32 10.17 0.00	97.64 8.38 0.00	206.13 7.47 -133.12	173.16 13.59 -54.80	187.33 17.71 -46.97	149.51 15.07 -30.48	97.77 8.23 -29.25	148.99 17.06 0.00	125.57 7.23 -62.84	137.23 11.76 -35.83	114.92 5.52 -66.24	110.90 5.51 -61.20	121.81 5.42 -64.46	152.87 13.75 0.00	159.24 13.03 0.00	166.83 13.07 0.00	190.76 13.30 0.00	212.76 14.43 0.00	159.16 12.22 0.00	155.50 12.31 0.00	150.44 11.99 0.00
GLOBE___DSASP 323697	115.54 -14.87 0.00	120.01 -16.06 0.00	108.85 -13.65 0.00	100.11 -13.04 0.00	78.64 -10.63 0.00	60.00 -7.44 -1.91	92.73 -12.04 0.00	107.07 -15.59 0.00	91.27 -12.70 0.00	57.03 -7.17 -3.91	115.29 -16.57 0.07	59.39 -6.99 -10.87	82.14 -11.95 -4.45	46.20 -6.28 -9.32	48.47 -6.31 -10.60	55.54 -7.41 -11.03	119.55 -19.57 0.00	125.84 -20.36 0.00	132.37 -21.40 0.00	155.57 -21.89 0.00	171.79 -26.53 0.00	128.21 -18.73 0.00	124.61 -18.58 0.00	121.05 -17.40 0.00
GOETHSLN___LBMP 323567	139.26 8.84 0.00	145.26 9.19 0.00	130.62 8.12 0.00	120.55 7.40 0.00	95.06 5.80 0.00	86.91 4.31 -17.06	117.38 6.22 -6.39	117.52 7.41 12.55	105.48 6.78 5.26	87.67 4.13 -23.25	132.46 9.67 9.14	122.84 4.48 -62.85	122.51 7.15 -25.71	100.54 3.48 -53.90	108.94 3.54 -61.22	119.71 4.32 -63.46	150.24 11.13 0.00	155.32 9.73 0.62	156.59 9.78 6.96	185.10 9.93 2.30	210.10 11.77 0.00	157.05 10.11 0.00	153.30 10.11 0.00	147.87 9.42 0.00
GOLAH___69_KV_TB 1_2 80279	124.02 -6.39 0.00	129.02 -7.04 0.00	116.69 -5.81 0.00	107.53 -5.62 0.00	84.71 -4.56 0.00	64.16 -2.96 -1.59	100.23 -4.54 0.00	116.58 -6.07 0.00	99.12 -4.84 0.00	60.80 -2.77 -3.28	124.96 -6.92 0.05	61.80 -2.85 -9.14	88.04 -5.34 -3.74	48.13 -2.88 -7.84	50.24 -2.86 -8.92	57.87 -3.32 -9.27	130.69 -8.43 0.00	137.85 -8.36 0.00	145.25 -8.52 0.00	169.30 -8.16 0.00	187.61 -10.72 0.00	139.30 -7.64 0.00	135.15 -8.04 0.00	130.58 -7.87 0.00



GOODYEAR_LAKE_HYD 323669	135.65 5.23 0.00	141.53 5.47 0.00	127.48 4.99 0.00	117.63 4.48 0.00	92.64 3.38 0.00	100.35 2.71 -32.10	143.32 4.62 -33.93	133.94 5.54 -5.74	118.45 4.61 -9.87	77.64 2.52 -14.83	137.38 5.45 0.00	77.66 2.36 -19.79	101.46 3.72 -8.10	61.88 1.75 -16.97	65.26 1.80 -19.28	74.21 2.30 -19.98	145.64 6.52 0.00	152.78 6.57 0.00	160.84 7.07 0.00	185.44 7.98 0.00	206.89 8.56 0.00	153.84 6.90 0.00	149.73 6.54 0.00	144.53 6.08 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	129.36 -1.05 0.00	134.91 -1.16 0.00	121.67 -0.82 0.00	112.28 -0.87 0.00	88.48 -0.79 0.00	72.06 -0.35 -6.88	109.01 -0.54 -4.78	122.83 -0.64 -0.81	104.94 -0.42 -1.39	67.93 -0.44 -8.07	130.54 -1.35 0.04	75.88 -0.55 -20.92	97.33 -0.87 -8.56	60.55 -0.55 -17.94	64.10 -0.46 -20.39	72.62 -0.46 -21.15	138.18 -0.94 0.00	144.87 -1.34 0.00	152.59 -1.18 0.00	176.23 -1.23 0.00	196.23 -2.10 0.00	145.96 -0.98 0.00	142.31 -0.88 0.00	137.31 -1.14 0.00
GOUDEY___7 23579	129.36 -1.05 0.00	134.91 -1.16 0.00	121.67 -0.82 0.00	112.28 -0.87 0.00	88.48 -0.79 0.00	72.06 -0.35 -6.88	109.01 -0.54 -4.78	122.83 -0.64 -0.81	104.94 -0.42 -1.39	67.93 -0.44 -8.07	130.54 -1.35 0.04	75.88 -0.55 -20.92	97.33 -0.87 -8.56	60.55 -0.55 -17.94	64.10 -0.46 -20.39	72.62 -0.46 -21.15	138.18 -0.94 0.00	144.87 -1.34 0.00	152.59 -1.18 0.00	176.23 -1.23 0.00	196.23 -2.10 0.00	145.96 -0.98 0.00	142.31 -0.88 0.00	137.31 -1.14 0.00
GOUDEY___8 23580	129.36 -1.05 0.00	134.91 -1.16 0.00	121.67 -0.82 0.00	112.28 -0.87 0.00	88.48 -0.79 0.00	72.06 -0.35 -6.88	109.01 -0.54 -4.78	122.83 -0.64 -0.81	104.94 -0.42 -1.39	67.93 -0.44 -8.07	130.54 -1.35 0.04	75.88 -0.55 -20.92	97.33 -0.87 -8.56	60.55 -0.55 -17.94	64.10 -0.46 -20.39	72.62 -0.46 -21.15	138.18 -0.94 0.00	144.87 -1.34 0.00	152.59 -1.18 0.00	176.23 -1.23 0.00	196.23 -2.10 0.00	145.96 -0.98 0.00	142.31 -0.88 0.00	137.31 -1.14 0.00
GOWANUS_GT1_1 24077	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT1_2 24078	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT1_3 24079	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT1_4 24080	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT1_5 24084	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT1_6 24111	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT1_7 24112	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT1_8 24113	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT2_1 24114	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT2_2 24115	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT2_3 24116	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92



GOWANUS_GT2_4 24117	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT2_5 24118	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT2_6 24119	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT2_7 24120	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT2_8 24121	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_1 24122	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_2 24123	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_3 24124	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_4 24125	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_5 24126	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_6 24127	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_7 24128	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT3_8 24129	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
GOWANUS_GT4_1 24130	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT4_2 24131	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92



GOWANUS_GT4_3 24132	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT4_4 24133	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT4_5 24134	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT4_6 24135	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT4_7 24136	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GOWANUS_GT4_8 24137	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	1097.67 11.63 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.18 -535.14	585.36 5.12 -528.31	697.70 13.18 -545.40	791.38 11.79 -633.38	1040.15 12.11 -874.27	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GREENBSH_115KV_TB3 55895	135.58 5.17 0.00	141.33 5.26 0.00	127.53 5.04 0.00	117.98 4.83 0.00	93.17 3.91 0.00	125.81 2.75 -57.53	165.70 3.64 -57.29	136.53 4.17 -9.69	124.63 4.00 -16.67	100.74 2.62 -37.83	137.02 5.09 0.00	134.38 2.20 -76.68	124.53 3.52 -31.37	110.76 1.84 -65.75	120.65 1.78 -74.68	131.12 1.78 -77.41	143.35 4.23 0.00	149.43 3.22 0.00	156.71 2.95 0.00	180.61 3.15 0.00	202.39 4.06 0.00	150.93 3.99 0.00	147.20 4.01 0.00	142.44 3.99 0.00
GREENIDGE_115KV_TB5 80291	125.16 -5.26 0.00	130.43 -5.64 0.00	117.74 -4.76 0.00	108.66 -4.49 0.00	85.95 -3.31 0.00	68.23 -1.52 -4.22	104.95 -2.68 -2.86	118.89 -4.25 -0.48	101.10 -3.69 -0.83	63.44 -1.96 -5.10	124.81 -6.89 0.23	66.24 -2.66 -13.40	91.19 -3.93 -5.48	52.75 -1.91 -11.49	55.50 -1.77 -13.09	63.80 -1.78 -13.65	133.41 -5.71 0.00	141.07 -5.14 0.00	149.03 -4.74 0.00	172.03 -5.43 0.00	190.44 -7.89 0.00	141.42 -5.52 0.00	137.56 -5.63 0.00	132.60 -5.85 0.00
GREENIDGE___3 23582	125.16 -5.26 0.00	130.43 -5.64 0.00	117.74 -4.76 0.00	108.66 -4.49 0.00	85.95 -3.31 0.00	68.23 -1.52 -4.22	104.95 -2.68 -2.86	118.89 -4.25 -0.48	101.10 -3.69 -0.83	63.44 -1.96 -5.10	124.81 -6.89 0.23	66.24 -2.66 -13.40	91.19 -3.93 -5.48	52.75 -1.91 -11.49	55.50 -1.77 -13.09	63.80 -1.78 -13.65	133.41 -5.71 0.00	141.07 -5.14 0.00	149.03 -4.74 0.00	172.03 -5.43 0.00	190.44 -7.89 0.00	141.42 -5.52 0.00	137.56 -5.63 0.00	132.60 -5.85 0.00
GREENIDGE___4 23583	125.15 -5.26 0.00	130.43 -5.64 0.00	117.76 -4.74 0.00	108.64 -4.51 0.00	85.94 -3.32 0.00	68.25 -1.51 -4.22	104.94 -2.69 -2.86	118.89 -4.25 -0.48	101.12 -3.67 -0.83	63.44 -1.96 -5.10	124.80 -6.90 0.23	66.25 -2.66 -13.40	91.19 -3.94 -5.48	52.74 -1.91 -11.49	55.50 -1.77 -13.09	63.79 -1.79 -13.65	133.39 -5.73 0.00	141.02 -5.19 0.00	149.01 -4.75 0.00	172.02 -5.44 0.00	190.44 -7.89 0.00	141.42 -5.52 0.00	137.56 -5.63 0.00	132.61 -5.84 0.00
GREENLWN_69_KV_BK 3 55738	139.97 9.56 0.00	146.45 10.38 0.00	132.09 9.59 0.00	122.10 8.95 0.00	96.46 7.20 0.00	196.04 5.44 -125.07	147.27 8.21 -34.28	146.78 9.99 -14.12	136.32 8.73 -23.63	94.61 5.07 -29.25	142.87 10.94 0.00	123.31 4.97 -62.84	133.59 8.11 -35.83	113.33 3.93 -66.24	109.28 3.89 -61.20	121.38 5.00 -64.46	151.46 12.34 0.00	156.20 9.99 0.00	163.49 9.73 0.00	187.46 10.00 0.00	209.50 11.17 0.00	156.78 9.84 0.00	153.38 10.18 0.00	148.49 10.03 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	542.07 11.63 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.18 -244.74	505.32 5.12 -448.27	697.70 13.18 -545.40	728.01 11.79 -570.01	933.42 12.11 -767.55	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92
GRISSOM___SOLAR 323813	139.19 8.78 0.00	145.16 9.09 0.00	130.65 8.16 0.00	120.52 7.37 0.00	95.00 5.74 0.00	172.80 4.45 -102.82	224.17 7.55 -111.85	150.28 8.70 -18.93	143.15 6.64 -32.55	115.44 3.39 -51.75	139.62 7.68 0.00	143.50 3.05 -84.95	129.10 4.70 -34.75	118.06 2.05 -72.85	129.10 2.18 -82.74	140.42 2.72 -85.77	148.68 9.56 0.00	156.93 10.72 0.00	165.28 11.51 0.00	190.66 13.20 0.00	212.75 14.42 0.00	157.98 11.04 0.00	153.76 10.57 0.00	148.35 9.90 0.00
GROVEVILLE___HYD 323602	140.60 10.19 0.00	146.64 10.58 0.00	131.99 9.50 0.00	121.86 8.71 0.00	96.05 6.78 0.00	88.01 5.08 -17.39	123.17 7.80 -10.60	133.71 9.25 -1.79	115.20 8.15 -3.08	88.50 4.79 -23.41	142.55 10.62 0.00	123.30 4.70 -63.10	123.00 7.54 -25.81	100.91 3.64 -54.11	109.39 3.75 -61.46	120.25 4.62 -63.70	151.33 12.21 0.00	157.59 11.38 0.00	165.46 11.69 0.00	189.99 12.53 0.00	212.74 14.41 0.00	158.87 11.93 0.00	154.84 11.65 0.00	149.22 10.77 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	128.41 -2.00 0.00	133.86 -2.21 0.00	120.67 -1.83 0.00	111.41 -1.75 0.00	87.90 -1.36 0.00	66.12 -0.74 -1.33	103.73 -1.04 0.00	121.25 -1.41 0.00	102.87 -1.09 0.00	62.41 -0.66 -2.78	130.04 -1.89 0.00	62.62 -0.67 -7.78	91.50 -1.33 -3.18	49.15 -0.69 -6.67	51.09 -0.68 -7.58	59.10 -0.70 -7.87	137.51 -1.61 0.00	144.50 -1.71 0.00	152.20 -1.56 0.00	175.96 -1.50 0.00	195.83 -2.50 0.00	145.31 -1.63 0.00	141.60 -1.59 0.00	136.61 -1.84 0.00



HAMLTNNY_34_KV_TB 80303	127.95 -2.47 0.00	133.42 -2.64 0.00	120.27 -2.23 0.00	111.04 -2.11 0.00	87.63 -1.64 0.00	65.99 -0.94 -1.40	103.39 -1.38 0.00	120.88 -1.77 0.00	102.58 -1.38 0.00	62.38 -0.83 -2.92	129.59 -2.34 0.00	62.79 -0.87 -8.15	91.33 -1.65 -3.34	49.31 -0.85 -6.99	51.28 -0.86 -7.95	59.25 -0.93 -8.25	136.97 -2.15 0.00	143.90 -2.31 0.00	151.76 -2.01 0.00	175.41 -2.05 0.00	195.05 -3.28 0.00	144.75 -2.19 0.00	141.02 -2.17 0.00	135.92 -2.53 0.00
HAMPSHIRE___PAPER_HYD 323593	128.60 -1.81 0.00	133.75 -2.31 0.00	119.95 -2.54 0.00	100.95 -2.48 9.72	53.01 -1.98 34.27	54.51 -1.58 9.44	117.33 -1.60 -14.15	138.28 -0.60 -16.21	102.40 -1.95 -0.39	68.23 -1.61 -9.55	102.11 -3.65 26.18	29.25 -1.67 24.58	92.58 -2.24 -5.18	51.16 -0.95 -8.95	27.16 -1.21 15.81	25.23 -1.91 24.78	135.02 -4.10 0.00	145.44 -0.77 0.00	152.53 -1.24 0.00	175.79 -1.67 0.00	196.32 -2.01 0.00	144.09 -2.85 0.00	143.10 -0.09 0.00	140.19 1.73 0.00
HARDSCRABBLE_WT_PWR 323673	136.51 6.10 0.00	142.43 6.36 0.00	128.26 5.77 0.00	119.58 5.43 -1.00	97.07 4.23 -3.57	70.50 3.35 -1.61	109.71 4.94 0.00	128.43 5.77 0.00	110.00 4.90 -1.14	63.16 2.87 0.00	141.62 6.10 -3.59	60.90 2.47 -2.93	94.19 3.87 -0.67	45.03 1.86 0.00	48.34 2.06 -2.10	57.03 2.28 -2.82	145.36 6.24 0.00	151.89 5.68 0.00	159.60 5.84 0.00	183.75 6.29 0.00	205.51 7.18 0.00	153.42 6.48 0.00	149.70 6.51 0.00	144.27 5.83 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	139.07 8.66 0.00	145.03 8.97 0.00	130.49 8.00 0.00	120.45 7.30 0.00	94.98 5.72 0.00	85.85 4.30 -16.01	120.81 6.46 -9.58	131.95 7.67 -1.62	113.53 6.78 -2.79	86.17 4.02 -21.86	140.93 9.00 0.00	118.66 4.05 -59.10	120.24 6.42 -24.18	96.97 3.12 -50.68	104.97 3.22 -57.56	115.63 4.03 -59.67	149.77 10.65 0.00	156.01 9.80 0.00	163.67 9.91 0.00	187.97 10.51 0.00	210.43 12.10 0.00	157.12 10.18 0.00	153.10 9.90 0.00	147.61 9.16 0.00
HARSNRAD_115KV_TB1 81005	118.27 -12.15 0.00	122.91 -13.15 0.00	111.42 -11.07 0.00	102.51 -10.64 0.00	80.37 -8.89 0.00	61.00 -6.41 -1.88	94.40 -10.37 0.00	108.77 -13.89 0.00	92.71 -11.26 0.00	57.77 -6.38 -3.86	116.95 -14.92 0.07	59.96 -6.28 -10.73	83.20 -10.83 -4.39	46.68 -5.69 -9.20	48.95 -5.71 -10.47	56.19 -6.62 -10.89	121.75 -17.36 0.00	128.20 -18.01 0.00	134.94 -18.82 0.00	158.39 -19.07 0.00	174.79 -23.53 0.00	130.51 -16.43 0.00	126.76 -16.43 0.00	123.08 -15.37 0.00
HARZA MOOSE___RIVER 24016	131.46 1.04 0.00	136.75 0.68 0.00	122.59 0.09 0.00	111.16 0.14 2.13	81.87 0.09 7.48	64.32 0.25 1.47	109.97 1.04 -4.16	129.19 1.77 -4.76	105.91 0.99 -0.96	63.97 0.37 -3.31	127.45 0.54 5.03	52.42 0.23 3.33	92.61 0.24 -2.73	47.47 0.20 -4.10	42.97 0.20 1.41	48.71 0.23 3.44	140.50 1.38 0.00	149.36 3.15 0.00	156.21 2.45 0.00	179.61 2.15 0.00	200.47 2.14 0.00	148.27 1.33 0.00	147.26 4.07 0.00	143.72 5.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	126.89 -3.52 0.00	132.30 -3.76 0.00	119.24 -3.26 0.00	110.10 -3.05 0.00	86.85 -2.42 0.00	64.54 -1.53 -0.54	102.43 -2.34 0.00	119.77 -2.89 0.00	101.64 -2.32 0.00	61.07 -1.33 -2.10	128.60 -3.33 0.00	61.39 -1.27 -7.15	90.25 -2.32 -2.93	48.13 -1.16 -6.13	49.98 -1.17 -6.97	57.87 -1.29 -7.23	135.80 -3.32 0.00	142.58 -3.63 0.00	150.02 -3.74 0.00	173.40 -4.06 0.00	193.18 -5.15 0.00	143.42 -3.53 0.00	139.73 -3.46 0.00	134.86 -3.59 0.00
HELLGATE_13_KV_LD 55870	140.62 10.21 0.00	146.70 10.63 0.00	131.85 9.35 0.00	121.70 8.55 0.00	95.87 6.60 0.00	87.61 5.01 -17.06	122.23 7.24 -10.23	132.91 8.52 -1.73	114.83 7.89 -2.98	88.33 4.78 -23.26	151.00 11.22 -7.85	151.52 5.10 -90.91	149.79 8.15 -51.99	112.14 3.94 -65.04	109.42 4.00 -61.23	120.30 4.90 -63.47	151.72 12.59 0.00	157.34 11.13 0.00	169.70 11.41 -4.52	189.05 11.59 0.00	212.22 13.89 0.00	159.26 11.68 -0.64	169.56 11.81 -14.55	149.36 10.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	140.62 10.21 0.00	146.70 10.63 0.00	131.85 9.35 0.00	121.70 8.55 0.00	95.87 6.60 0.00	87.61 5.01 -17.06	122.23 7.24 -10.23	132.91 8.52 -1.73	114.83 7.89 -2.98	88.33 4.78 -23.26	151.00 11.22 -7.85	151.52 5.10 -90.91	149.79 8.15 -51.99	112.14 3.94 -65.04	109.42 4.00 -61.23	120.30 4.90 -63.47	151.72 12.59 0.00	157.34 11.13 0.00	169.70 11.41 -4.52	189.05 11.59 0.00	212.22 13.89 0.00	159.26 11.68 -0.64	169.56 11.81 -14.55	149.36 10.91 0.00
HEMPSTEAD____ 23647	141.07 10.66 0.00	147.28 11.21 0.00	132.58 10.09 0.00	122.55 9.40 0.00	96.76 7.49 0.00	197.20 5.64 -126.03	150.03 8.53 -36.73	150.85 10.15 -18.04	137.46 9.05 -24.45	94.86 5.32 -29.25	143.81 11.88 0.00	123.71 5.37 -62.84	134.20 8.73 -35.83	113.56 4.16 -66.24	109.56 4.17 -61.20	121.61 5.23 -64.46	152.53 13.41 0.00	157.76 11.55 0.00	165.58 11.82 0.00	189.76 12.30 0.00	212.45 14.12 0.00	158.93 11.98 0.00	155.24 12.05 0.00	149.91 11.45 0.00
HEWLETT_69_KV_BK3 55828	141.93 11.51 0.00	148.06 12.00 0.00	133.31 10.82 0.00	123.15 9.99 0.00	97.21 7.95 0.00	197.56 5.99 -126.03	150.60 9.10 -36.73	151.48 10.78 -18.04	137.97 9.56 -24.45	95.16 5.62 -29.25	144.55 12.62 0.00	124.07 5.73 -62.84	134.79 9.32 -35.83	113.81 4.41 -66.24	109.81 4.42 -61.20	121.91 5.52 -64.46	153.39 14.27 0.00	159.05 12.84 0.00	166.97 13.20 0.00	191.42 13.96 0.00	214.25 15.92 0.00	160.11 13.16 0.00	156.34 13.15 0.00	150.95 12.50 0.00
HICKLING___1 23621	126.74 -3.67 0.00	132.12 -3.94 0.00	119.31 -3.18 0.00	109.96 -3.19 0.00	86.58 -2.69 0.00	69.15 -1.66 -5.27	105.75 -2.58 -3.56	119.93 -3.33 -0.60	102.00 -2.99 -1.03	64.49 -2.15 -6.34	126.22 -5.49 0.22	69.82 -2.29 -16.61	92.99 -3.45 -6.80	55.51 -1.90 -14.25	58.70 -1.74 -16.25	67.17 -1.75 -16.98	135.05 -4.07 0.00	142.34 -3.87 0.00	150.23 -3.53 0.00	173.31 -4.15 0.00	191.69 -6.63 0.00	142.68 -4.26 0.00	139.18 -4.01 0.00	134.11 -4.34 0.00
HICKLING___2 23622	126.74 -3.67 0.00	132.12 -3.94 0.00	119.31 -3.18 0.00	109.96 -3.19 0.00	86.58 -2.69 0.00	69.15 -1.66 -5.27	105.75 -2.58 -3.56	119.93 -3.33 -0.60	102.00 -2.99 -1.03	64.49 -2.15 -6.34	126.22 -5.49 0.22	69.82 -2.29 -16.61	92.99 -3.45 -6.80	55.51 -1.90 -14.25	58.70 -1.74 -16.25	67.17 -1.75 -16.98	135.05 -4.07 0.00	142.34 -3.87 0.00	150.23 -3.53 0.00	173.31 -4.15 0.00	191.69 -6.63 0.00	142.68 -4.26 0.00	139.18 -4.01 0.00	134.11 -4.34 0.00
HIGH FALLS___HY 23754	140.68 10.26 0.00	146.77 10.70 0.00	132.07 9.58 0.00	121.89 8.74 0.00	96.06 6.79 0.00	91.31 5.18 -20.59	127.45 8.14 -14.54	134.87 9.75 -2.46	116.64 8.44 -4.23	89.26 4.80 -24.16	142.54 10.60 0.00	123.02 4.69 -62.83	122.86 7.52 -25.70	100.61 3.57 -53.88	109.09 3.71 -61.19	120.00 4.64 -63.43	151.85 12.73 0.00	158.32 12.11 0.00	166.43 12.67 0.00	191.16 13.70 0.00	213.85 15.52 0.00	159.64 12.70 0.00	155.49 12.30 0.00	149.69 11.23 0.00
HIGH_RIVER___SOLAR 323847	137.09 6.67 0.00	143.00 6.93 0.00	128.74 6.24 0.00	118.80 5.65 0.00	93.66 4.40 0.00	176.87 3.40 -107.94	228.48 5.55 -118.16	149.08 6.43 -19.99	143.59 5.24 -34.38	115.55 2.89 -52.37	138.36 6.43 0.00	140.30 2.64 -82.15	127.39 4.14 -33.61	115.56 1.95 -70.45	126.29 2.09 -80.01	137.46 2.59 -82.94	146.57 7.45 0.00	153.81 7.60 0.00	161.67 7.90 0.00	186.49 9.03 0.00	208.39 10.06 0.00	154.97 8.03 0.00	150.93 7.74 0.00	145.73 7.28 0.00



HILLBURN___GT 23639	138.69 8.28 0.00	144.65 8.59 0.00	130.12 7.62 0.00	120.12 6.96 0.00	94.77 5.50 0.00	85.85 4.09 -16.23	120.54 6.06 -9.71	131.44 7.14 -1.64	113.17 6.38 -2.83	86.28 3.83 -22.16	140.65 8.72 0.00	119.40 3.99 -59.90	120.46 6.31 -24.51	97.63 3.09 -51.37	105.69 3.16 -58.35	116.35 3.95 -60.48	149.42 10.30 0.00	155.44 9.23 0.00	163.04 9.27 0.00	187.09 9.63 0.00	209.61 11.28 0.00	156.59 9.65 0.00	152.63 9.44 0.00	147.18 8.73 0.00
HILLSIDE_115KV_TB1 80332	125.37 -5.05 0.00	130.76 -5.31 0.00	118.11 -4.39 0.00	108.90 -4.25 0.00	85.78 -3.49 0.00	68.74 -2.25 -5.46	104.84 -3.62 -3.69	118.92 -4.36 -0.62	101.32 -3.70 -1.07	64.38 -2.47 -6.56	125.64 -6.09 0.20	70.05 -2.62 -17.16	92.73 -3.94 -7.02	55.76 -2.12 -14.72	59.04 -1.93 -16.79	67.37 -2.10 -17.55	133.86 -5.26 0.00	140.61 -5.60 0.00	148.39 -5.38 0.00	171.29 -6.17 0.00	189.89 -8.43 0.00	141.30 -5.65 0.00	137.97 -5.22 0.00	132.91 -5.54 0.00
HISHELDN_WT_PWR 323625	121.13 -9.28 0.00	125.67 -10.40 0.00	113.77 -8.72 0.00	104.62 -8.54 0.00	81.97 -7.29 0.00	64.22 -5.14 -3.83	99.21 -8.13 -2.57	112.51 -10.58 -0.43	95.66 -9.05 -0.75	59.42 -5.56 -4.69	118.95 -12.88 0.10	62.62 -5.24 -12.36	85.56 -9.14 -5.06	49.02 -4.74 -10.60	51.76 -4.50 -12.07	59.76 -4.74 -12.57	126.99 -12.13 0.00	134.00 -12.21 0.00	141.16 -12.60 0.00	164.20 -13.26 0.00	180.54 -17.79 0.00	134.91 -12.03 0.00	131.47 -11.72 0.00	127.00 -11.45 0.00
HOLTSVILLE_IC_1 23690	141.31 10.90 0.00	147.63 11.56 0.00	133.11 10.61 0.00	123.10 9.95 0.00	97.29 8.02 0.00	204.93 6.25 -133.15	169.04 9.40 -54.87	180.90 11.16 -47.09	144.44 9.97 -30.51	95.16 5.62 -29.25	143.95 12.02 0.00	123.70 5.36 -62.84	134.20 8.73 -35.83	113.58 4.18 -66.24	109.51 4.13 -61.20	121.65 5.27 -64.46	152.44 13.33 0.00	157.78 11.57 0.00	165.60 11.84 0.00	189.70 12.24 0.00	211.75 13.42 0.00	158.66 11.72 0.00	155.28 12.09 0.00	150.46 12.01 0.00
HOLTSVILLE_IC_10 23699	142.12 11.71 0.00	148.48 12.41 0.00	133.88 11.38 0.00	123.79 10.63 0.00	97.86 8.59 0.00	205.14 6.72 -132.89	169.15 10.19 -54.20	180.77 12.10 -46.01	145.01 10.77 -30.28	95.52 5.98 -29.25	144.67 12.74 0.00	124.04 5.70 -62.84	134.75 9.28 -35.83	113.84 4.44 -66.24	109.75 4.36 -61.20	121.98 5.59 -64.46	153.37 14.25 0.00	158.79 12.58 0.00	166.78 13.01 0.00	190.99 13.53 0.00	213.14 14.81 0.00	159.65 12.70 0.00	156.22 13.02 0.00	151.30 12.85 0.00
HOLTSVILLE_IC_2 23691	141.31 10.90 0.00	147.63 11.56 0.00	133.11 10.61 0.00	123.10 9.95 0.00	97.29 8.02 0.00	204.93 6.25 -133.15	169.04 9.40 -54.87	180.90 11.16 -47.09	144.44 9.97 -30.51	95.16 5.62 -29.25	143.95 12.02 0.00	123.70 5.36 -62.84	134.20 8.73 -35.83	113.58 4.18 -66.24	109.51 4.13 -61.20	121.65 5.27 -64.46	152.44 13.33 0.00	157.78 11.57 0.00	165.60 11.84 0.00	189.70 12.24 0.00	211.75 13.42 0.00	158.66 11.72 0.00	155.28 12.09 0.00	150.46 12.01 0.00
HOLTSVILLE_IC_3 23692	141.31 10.90 0.00	147.63 11.56 0.00	133.11 10.61 0.00	123.10 9.95 0.00	97.29 8.02 0.00	204.93 6.25 -133.15	169.04 9.40 -54.87	180.90 11.16 -47.09	144.44 9.97 -30.51	95.16 5.62 -29.25	143.95 12.02 0.00	123.70 5.36 -62.84	134.20 8.73 -35.83	113.58 4.18 -66.24	109.51 4.13 -61.20	121.65 5.27 -64.46	152.44 13.33 0.00	157.78 11.57 0.00	165.60 11.84 0.00	189.70 12.24 0.00	211.75 13.42 0.00	158.66 11.72 0.00	155.28 12.09 0.00	150.46 12.01 0.00
HOLTSVILLE_IC_4 23693	141.31 10.90 0.00	147.63 11.56 0.00	133.11 10.61 0.00	123.10 9.95 0.00	97.29 8.02 0.00	204.93 6.25 -133.15	169.04 9.40 -54.87	180.90 11.16 -47.09	144.44 9.97 -30.51	95.16 5.62 -29.25	143.95 12.02 0.00	123.70 5.36 -62.84	134.20 8.73 -35.83	113.58 4.18 -66.24	109.51 4.13 -61.20	121.65 5.27 -64.46	152.44 13.33 0.00	157.78 11.57 0.00	165.60 11.84 0.00	189.70 12.24 0.00	211.75 13.42 0.00	158.66 11.72 0.00	155.28 12.09 0.00	150.46 12.01 0.00
HOLTSVILLE_IC_5 23694	141.31 10.90 0.00	147.63 11.56 0.00	133.11 10.61 0.00	123.10 9.95 0.00	97.29 8.02 0.00	204.93 6.25 -133.15	169.04 9.40 -54.87	180.90 11.16 -47.09	144.44 9.97 -30.51	95.16 5.62 -29.25	143.95 12.02 0.00	123.70 5.36 -62.84	134.20 8.73 -35.83	113.58 4.18 -66.24	109.51 4.13 -61.20	121.65 5.27 -64.46	152.44 13.33 0.00	157.78 11.57 0.00	165.60 11.84 0.00	189.70 12.24 0.00	211.75 13.42 0.00	158.66 11.72 0.00	155.28 12.09 0.00	150.46 12.01 0.00
HOLTSVILLE_IC_6 23695	142.12 11.71 0.00	148.48 12.41 0.00	133.88 11.38 0.00	123.79 10.63 0.00	97.86 8.59 0.00	205.14 6.72 -132.89	169.15 10.19 -54.20	180.77 12.10 -46.01	145.01 10.77 -30.28	95.52 5.98 -29.25	144.67 12.74 0.00	124.04 5.70 -62.84	134.75 9.28 -35.83	113.84 4.44 -66.24	109.75 4.36 -61.20	121.98 5.59 -64.46	153.37 14.25 0.00	158.79 12.58 0.00	166.78 13.01 0.00	190.99 13.53 0.00	213.14 14.81 0.00	159.65 12.70 0.00	156.22 13.02 0.00	151.30 12.85 0.00
HOLTSVILLE_IC_7 23696	142.12 11.71 0.00	148.48 12.41 0.00	133.88 11.38 0.00	123.79 10.63 0.00	97.86 8.59 0.00	205.14 6.72 -132.89	169.15 10.19 -54.20	180.77 12.10 -46.01	145.01 10.77 -30.28	95.52 5.98 -29.25	144.67 12.74 0.00	124.04 5.70 -62.84	134.75 9.28 -35.83	113.84 4.44 -66.24	109.75 4.36 -61.20	121.98 5.59 -64.46	153.37 14.25 0.00	158.79 12.58 0.00	166.78 13.01 0.00	190.99 13.53 0.00	213.14 14.81 0.00	159.65 12.70 0.00	156.22 13.02 0.00	151.30 12.85 0.00
HOLTSVILLE_IC_8 23697	142.12 11.71 0.00	148.48 12.41 0.00	133.88 11.38 0.00	123.79 10.63 0.00	97.86 8.59 0.00	205.14 6.72 -132.89	169.15 10.19 -54.20	180.77 12.10 -46.01	145.01 10.77 -30.28	95.52 5.98 -29.25	144.67 12.74 0.00	124.04 5.70 -62.84	134.75 9.28 -35.83	113.84 4.44 -66.24	109.75 4.36 -61.20	121.98 5.59 -64.46	153.37 14.25 0.00	158.79 12.58 0.00	166.78 13.01 0.00	190.99 13.53 0.00	213.14 14.81 0.00	159.65 12.70 0.00	156.22 13.02 0.00	151.30 12.85 0.00
HOLTSVILLE_IC_9 23698	142.12 11.71 0.00	148.48 12.41 0.00	133.88 11.38 0.00	123.79 10.63 0.00	97.86 8.59 0.00	205.14 6.72 -132.89	169.15 10.19 -54.20	180.77 12.10 -46.01	145.01 10.77 -30.28	95.52 5.98 -29.25	144.67 12.74 0.00	124.04 5.70 -62.84	134.75 9.28 -35.83	113.84 4.44 -66.24	109.75 4.36 -61.20	121.98 5.59 -64.46	153.37 14.25 0.00	158.79 12.58 0.00	166.78 13.01 0.00	190.99 13.53 0.00	213.14 14.81 0.00	159.65 12.70 0.00	156.22 13.02 0.00	151.30 12.85 0.00
HOMER_HL_115KV_TB2 355744	125.44 -4.97 0.00	130.64 -5.43 0.00	118.17 -4.32 0.00	108.77 -4.38 0.00	85.61 -3.66 0.00	66.83 -2.69 -3.99	102.94 -4.51 -2.68	117.71 -5.40 -0.45	100.11 -4.63 -0.78	62.32 -2.87 -4.90	125.06 -6.77 0.10	65.54 -2.87 -12.91	90.27 -4.65 -5.28	51.45 -2.79 -11.07	54.23 -2.55 -12.59	62.14 -2.88 -13.09	131.91 -7.21 0.00	138.70 -7.52 0.00	145.99 -7.77 0.00	169.90 -7.56 0.00	188.02 -10.31 0.00	140.64 -6.30 0.00	137.33 -5.86 0.00	132.93 -5.52 0.00
HOWARD_WT_PWR 323690	123.71 -6.70 0.00	129.36 -6.71 0.00	116.54 -5.95 0.00	106.72 -6.43 0.00	83.30 -5.97 0.00	65.48 -4.49 -4.45	100.71 -7.07 -3.00	114.19 -8.98 -0.51	96.53 -8.30 -0.87	60.01 -5.66 -5.38	118.26 -13.46 0.21	64.13 -5.51 -14.13	86.33 -9.09 -5.78	50.77 -4.52 -12.12	53.81 -4.19 -13.81	63.54 -2.79 -14.40	132.72 -6.40 0.00	141.33 -4.88 0.00	149.24 -4.52 0.00	169.80 -7.66 0.00	185.73 -12.59 0.00	138.45 -8.49 0.00	135.33 -7.86 0.00	130.95 -7.50 0.00



HQ_GEN_CEDARS 23644	128.37 -2.05 0.00	133.36 -2.71 0.00	119.71 -2.79 0.00	93.02 -2.93 17.21	25.53 -2.32 61.41	38.47 -2.00 25.06	109.26 -2.52 -7.01	129.61 -1.09 -8.04	86.89 -2.93 14.14	62.53 -1.99 -4.22	69.15 -4.12 58.66	3.37 -2.01 50.13	81.32 -2.01 6.31	46.02 -0.75 -3.60	8.07 -0.97 35.15	1.22 -1.92 48.79	134.73 -4.39 0.00	145.64 -0.57 0.00	153.19 -0.57 0.00	177.25 -0.21 0.00	197.97 -0.36 0.00	143.49 -3.46 0.00	139.79 -3.40 0.00	135.79 -2.66 0.00
HQ_GEN_CEDARS_PROXY 323590	128.37 -2.05 0.00	133.35 -2.71 0.00	119.71 -2.78 0.00	93.03 -2.91 17.21	25.54 -2.32 61.41	38.47 -2.00 25.06	109.25 -2.53 -7.01	130.43 -1.09 -8.86	86.88 -2.95 14.14	62.52 -1.99 -4.22	69.14 -4.13 58.66	3.37 -2.00 50.13	81.31 -2.02 6.31	46.01 -0.75 -3.60	8.07 -0.97 35.15	1.14 -1.92 48.87	134.72 -4.39 0.00	145.64 -0.57 0.00	153.20 -0.57 0.00	177.26 -0.20 0.00	236.38 -0.36 -38.41	143.49 -3.45 0.00	139.79 -3.40 0.00	135.79 -2.66 0.00
HQ_GEN_IMPORT 323601	128.67 -1.74 0.00	134.19 -1.87 0.00	120.65 -1.85 0.00	108.53 -1.69 2.93	77.53 -1.23 10.50	59.69 -1.10 4.74	101.67 -1.42 1.67	122.19 -1.45 -0.99	98.99 -1.63 3.35	59.21 -1.08 0.00	119.40 -2.01 10.52	45.84 -1.06 8.60	86.26 -1.40 1.98	42.48 -0.68 0.00	37.29 -0.73 6.16	42.68 -0.96 8.29	136.90 -2.22 0.00	145.35 -0.86 0.00	153.06 -0.70 0.00	176.90 -0.56 0.00	197.57 -0.76 0.00	144.17 -1.86 0.91	141.20 -1.99 0.00	136.77 -1.69 0.00
HQ_GEN_WHEEL 23651	128.67 -1.74 0.00	134.19 -1.87 0.00	120.65 -1.85 0.00	108.53 -1.69 2.93	77.53 -1.23 10.50	59.69 -1.10 4.74	101.67 -1.42 1.67	122.19 -1.45 -0.99	98.99 -1.63 3.35	59.21 -1.08 0.00	119.40 -2.01 10.52	45.84 -1.06 8.60	86.26 -1.40 1.98	42.48 -0.68 0.00	37.29 -0.73 6.16	42.68 -0.96 8.29	136.90 -2.22 0.00	145.35 -0.86 0.00	153.06 -0.70 0.00	176.90 -0.56 0.00	197.57 -0.76 0.00	144.17 -1.86 0.91	141.20 -1.99 0.00	136.77 -1.69 0.00
HUDSON AVE_GT_3 23810	140.40 9.99 0.00	146.42 10.35 0.00	131.69 9.19 0.00	121.53 8.38 0.00	95.78 6.51 0.00	87.48 4.89 -17.06	122.16 7.16 -10.23	132.88 8.49 -1.73	114.73 7.79 -2.98	88.26 4.71 -23.25	142.89 10.95 0.00	123.35 4.99 -62.85	123.33 7.97 -25.71	100.92 3.86 -53.90	109.33 3.93 -61.22	120.19 4.80 -63.46	151.56 12.45 0.00	157.26 11.05 0.00	164.85 11.08 0.00	188.90 11.43 0.00	211.76 13.43 0.00	158.41 11.47 0.00	154.61 11.42 0.00	149.07 10.62 0.00
HUDSON AVE_GT_4 23540	140.40 9.99 0.00	146.42 10.35 0.00	131.69 9.19 0.00	121.53 8.38 0.00	95.78 6.51 0.00	87.48 4.89 -17.06	122.16 7.16 -10.23	132.88 8.49 -1.73	114.73 7.79 -2.98	88.26 4.71 -23.25	142.89 10.95 0.00	123.35 4.99 -62.85	123.33 7.97 -25.71	100.92 3.86 -53.90	109.33 3.93 -61.22	120.19 4.80 -63.46	151.56 12.45 0.00	157.26 11.05 0.00	164.85 11.08 0.00	188.90 11.43 0.00	211.76 13.43 0.00	158.41 11.47 0.00	154.61 11.42 0.00	149.07 10.62 0.00
HUDSON AVE_GT_5 23657	140.40 9.99 0.00	146.42 10.35 0.00	131.69 9.19 0.00	121.53 8.38 0.00	95.78 6.51 0.00	87.48 4.89 -17.06	122.16 7.16 -10.23	132.88 8.49 -1.73	114.73 7.79 -2.98	88.26 4.71 -23.25	142.89 10.95 0.00	123.35 4.99 -62.85	123.33 7.97 -25.71	100.92 3.86 -53.90	109.33 3.93 -61.22	120.19 4.80 -63.46	151.56 12.45 0.00	157.26 11.05 0.00	164.85 11.08 0.00	188.90 11.43 0.00	211.76 13.43 0.00	158.41 11.47 0.00	154.61 11.42 0.00	149.07 10.62 0.00
HUDSON_AVE_10 24168	140.18 9.77 0.00	146.24 10.17 0.00	131.47 8.98 0.00	121.38 8.23 0.00	95.61 6.35 0.00	87.34 4.75 -17.06	121.94 6.95 -10.23	132.58 8.19 -1.73	114.43 7.49 -2.98	88.09 4.54 -23.25	142.61 10.68 0.00	123.27 4.91 -62.85	123.18 7.83 -25.71	100.87 3.81 -53.90	109.27 3.86 -61.22	120.08 4.69 -63.46	151.31 12.19 0.00	156.99 10.77 0.00	164.54 10.78 0.00	188.50 11.04 0.00	211.34 13.01 0.00	158.13 11.19 0.00	154.34 11.14 0.00	148.82 10.37 0.00
HUDSON___115KV_TB 4 355613	139.30 8.88 0.00	145.06 8.99 0.00	130.92 8.42 0.00	121.11 7.96 0.00	95.62 6.35 0.00	118.15 4.47 -48.15	157.34 6.46 -46.12	138.09 7.63 -7.80	123.98 6.60 -13.42	99.13 3.93 -34.91	139.68 7.75 0.00	133.75 3.24 -75.01	125.44 5.11 -30.69	110.06 2.57 -64.32	119.77 2.52 -73.06	130.56 2.90 -75.73	146.93 7.81 0.00	153.74 7.53 0.00	161.49 7.73 0.00	186.16 8.70 0.00	208.27 9.94 0.00	155.09 8.15 0.00	151.09 7.90 0.00	146.53 8.08 0.00
HUNTER MOUNT___DRP 323613	140.30 9.88 0.00	146.10 10.03 0.00	131.87 9.38 0.00	121.95 8.80 0.00	96.31 7.05 0.00	112.77 4.98 -42.26	151.43 7.42 -39.24	138.12 8.82 -6.64	122.91 7.53 -11.42	97.54 4.39 -32.86	140.58 8.64 0.00	132.29 3.54 -73.24	125.33 5.72 -29.96	108.80 2.83 -62.81	118.31 2.79 -71.34	129.12 3.25 -73.95	148.16 9.04 0.00	155.29 9.08 0.00	163.17 9.41 0.00	188.17 10.71 0.00	210.37 12.04 0.00	156.52 9.58 0.00	152.38 9.19 0.00	147.55 9.10 0.00
HUNTINGTON_RES_REC 323705	140.84 10.43 0.00	147.28 11.21 0.00	132.81 10.31 0.00	122.80 9.65 0.00	97.07 7.80 0.00	210.37 5.98 -138.86	183.26 9.08 -69.41	203.98 10.97 -70.35	148.94 9.61 -35.36	95.00 5.45 -29.25	143.54 11.60 0.00	123.55 5.21 -62.84	133.98 8.51 -35.83	113.50 4.10 -66.24	109.42 4.03 -61.20	121.60 5.22 -64.46	152.20 13.08 0.00	157.23 11.02 0.00	164.82 11.06 0.00	188.91 11.45 0.00	210.96 12.63 0.00	157.92 10.98 0.00	154.53 11.34 0.00	149.61 11.16 0.00
HUNTLEY___63 23557	119.00 -11.41 0.00	123.56 -12.51 0.00	111.93 -10.56 0.00	102.98 -10.17 0.00	80.84 -8.42 0.00	61.60 -5.87 -1.94	95.34 -9.43 0.00	110.12 -12.54 0.00	93.83 -10.13 0.00	58.54 -5.73 -3.98	118.38 -13.48 0.07	60.86 -5.70 -11.06	84.34 -9.83 -4.53	47.47 -5.18 -9.49	49.79 -5.19 -10.79	57.12 -6.02 -11.22	123.28 -15.83 0.00	129.92 -16.29 0.00	136.73 -17.03 0.00	160.44 -17.02 0.00	177.02 -21.31 0.00	132.08 -14.86 0.00	128.26 -14.93 0.00	124.47 -13.98 0.00
HUNTLEY___64 23558	119.00 -11.41 0.00	123.56 -12.51 0.00	111.93 -10.56 0.00	102.98 -10.17 0.00	80.84 -8.42 0.00	61.60 -5.87 -1.94	95.34 -9.43 0.00	110.12 -12.54 0.00	93.83 -10.13 0.00	58.54 -5.73 -3.98	118.38 -13.48 0.07	60.86 -5.70 -11.06	84.34 -9.83 -4.53	47.47 -5.18 -9.49	49.79 -5.19 -10.79	57.12 -6.02 -11.22	123.28 -15.83 0.00	129.92 -16.29 0.00	136.73 -17.03 0.00	160.44 -17.02 0.00	177.02 -21.31 0.00	132.08 -14.86 0.00	128.26 -14.93 0.00	124.47 -13.98 0.00
HUNTLEY___65 23559	119.00 -11.41 0.00	123.56 -12.51 0.00	111.93 -10.56 0.00	102.98 -10.17 0.00	80.84 -8.42 0.00	61.60 -5.87 -1.94	95.34 -9.43 0.00	110.12 -12.54 0.00	93.83 -10.13 0.00	58.54 -5.73 -3.98	118.38 -13.48 0.07	60.86 -5.70 -11.06	84.34 -9.83 -4.53	47.47 -5.18 -9.49	49.79 -5.19 -10.79	57.12 -6.02 -11.22	123.28 -15.83 0.00	129.92 -16.29 0.00	136.73 -17.03 0.00	160.44 -17.02 0.00	177.02 -21.31 0.00	132.08 -14.86 0.00	128.26 -14.93 0.00	124.47 -13.98 0.00
HUNTLEY___66 23560	119.00 -11.41 0.00	123.56 -12.51 0.00	111.93 -10.56 0.00	102.98 -10.17 0.00	80.84 -8.42 0.00	61.60 -5.87 -1.94	95.34 -9.43 0.00	110.12 -12.54 0.00	93.83 -10.13 0.00	58.54 -5.73 -3.98	118.38 -13.48 0.07	60.86 -5.70 -11.06	84.34 -9.83 -4.53	47.47 -5.18 -9.49	49.79 -5.19 -10.79	57.12 -6.02 -11.22	123.28 -15.83 0.00	129.92 -16.29 0.00	136.73 -17.03 0.00	160.44 -17.02 0.00	177.02 -21.31 0.00	132.08 -14.86 0.00	128.26 -14.93 0.00	124.47 -13.98 0.00



HUNTLEY___67 23561	118.95 -11.47 0.00	123.54 -12.53 0.00	111.95 -10.54 0.00	103.04 -10.11 0.00	80.96 -8.31 0.00	61.74 -5.77 -1.98	95.50 -9.27 0.00	110.45 -12.20 0.00	94.01 -9.95 0.00	58.68 -5.66 -4.05	118.51 -13.35 0.08	61.20 -5.56 -11.25	84.56 -9.69 -4.60	47.72 -5.09 -9.65	50.09 -5.07 -10.98	57.47 -5.87 -11.41	123.77 -15.34 0.00	130.29 -15.92 0.00	137.17 -16.60 0.00	160.85 -16.61 0.00	177.54 -20.79 0.00	132.48 -14.46 0.00	128.80 -14.39 0.00	124.85 -13.60 0.00
HUNTLEY___68 23562	118.95 -11.47 0.00	123.54 -12.53 0.00	111.95 -10.54 0.00	103.04 -10.11 0.00	80.96 -8.31 0.00	61.74 -5.77 -1.98	95.50 -9.27 0.00	110.45 -12.20 0.00	94.01 -9.95 0.00	58.68 -5.66 -4.05	118.51 -13.35 0.08	61.20 -5.56 -11.25	84.56 -9.69 -4.60	47.72 -5.09 -9.65	50.09 -5.07 -10.98	57.47 -5.87 -11.41	123.77 -15.34 0.00	130.29 -15.92 0.00	137.17 -16.60 0.00	160.85 -16.61 0.00	177.54 -20.79 0.00	132.48 -14.46 0.00	128.80 -14.39 0.00	124.85 -13.60 0.00
HYLAND___LFGE 323620	130.98 0.57 0.00	136.06 -0.01 0.00	122.90 0.41 0.00	113.16 0.01 0.00	88.98 -0.28 0.00	66.62 -1.03 -2.12	101.01 -3.76 0.00	115.51 -7.15 0.00	97.71 -6.25 0.00	60.05 -4.57 -4.32	118.71 -13.11 0.12	62.32 -5.17 -11.99	85.16 -9.39 -4.91	48.72 -4.72 -10.28	51.31 -4.59 -11.71	59.33 -4.81 -12.21	128.46 -10.66 0.00	138.93 -7.27 0.00	145.18 -8.58 0.00	170.56 -6.90 0.00	202.53 4.21 0.00	148.14 1.20 0.00	143.46 0.26 0.00	138.18 -0.27 0.00
INDECK___CORINTH 23802	142.43 12.02 0.00	148.44 12.37 0.00	133.59 11.10 0.00	123.40 10.25 0.00	97.37 8.10 0.00	175.01 6.32 -103.15	227.43 10.18 -112.48	153.55 11.86 -19.03	146.88 10.19 -32.73	116.67 5.96 -50.42	144.79 12.86 0.00	140.24 5.27 -79.46	130.63 8.47 -32.51	115.29 3.99 -68.14	125.82 4.24 -77.40	137.24 5.08 -80.23	152.86 13.74 0.00	159.96 13.75 0.00	167.68 13.92 0.00	193.55 16.08 0.00	216.23 17.90 0.00	161.02 14.07 0.00	156.91 13.72 0.00	151.61 13.16 0.00
INDECK___ILION 23567	134.36 3.95 0.00	140.20 4.14 0.00	126.27 3.77 0.00	117.66 3.51 -1.00	95.58 2.74 -3.57	69.31 2.16 -1.61	107.97 3.20 0.00	126.36 3.70 0.00	108.34 3.23 -1.14	62.20 1.91 0.00	139.55 4.04 -3.59	60.12 1.69 -2.93	92.94 2.62 -0.67	44.43 1.26 0.00	47.66 1.38 -2.10	56.32 1.57 -2.82	143.32 4.20 0.00	149.95 3.74 0.00	157.56 3.79 0.00	181.57 4.11 0.00	203.08 4.75 0.00	151.23 4.29 0.00	147.49 4.29 0.00	142.37 3.92 0.00
INDECK___OLEAN 23982	125.46 -4.95 0.00	130.63 -5.43 0.00	118.16 -4.33 0.00	108.72 -4.43 0.00	85.59 -3.68 0.00	66.84 -2.68 -3.99	102.98 -4.47 -2.68	117.77 -5.34 -0.45	100.12 -4.62 -0.78	62.31 -2.88 -4.90	125.08 -6.75 0.10	65.56 -2.85 -12.91	90.29 -4.64 -5.28	51.45 -2.78 -11.07	54.24 -2.53 -12.59	62.13 -2.89 -13.09	131.93 -7.19 0.00	138.67 -7.54 0.00	146.00 -7.77 0.00	169.86 -7.60 0.00	188.02 -10.31 0.00	140.63 -6.31 0.00	137.33 -5.86 0.00	132.98 -5.48 0.00
INDECK___OSWEGO 23783	130.01 -0.41 0.00	135.41 -0.65 0.00	121.95 -0.54 0.00	111.77 -0.54 0.85	85.80 -0.42 3.05	64.64 0.01 0.90	105.08 0.31 0.00	122.98 0.33 0.00	103.33 0.35 0.98	62.32 0.09 -1.94	128.60 -0.25 3.09	59.61 0.05 -4.06	91.54 -0.22 -2.11	48.68 -0.13 -5.65	48.70 -0.09 -4.61	56.17 0.02 -4.23	139.47 0.36 0.00	146.93 0.72 0.00	154.72 0.95 0.00	178.73 1.27 0.00	198.89 0.56 0.00	147.40 0.46 0.00	144.27 1.07 0.00	139.46 1.01 0.00
INDECK___YERKES 23781	119.03 -11.38 0.00	123.53 -12.54 0.00	111.86 -10.63 0.00	102.89 -10.26 0.00	80.76 -8.50 0.00	61.59 -5.88 -1.94	95.35 -9.42 0.00	110.13 -12.52 0.00	93.82 -10.14 0.00	58.53 -5.74 -3.98	118.42 -13.44 0.07	60.88 -5.69 -11.06	84.37 -9.80 -4.53	47.49 -5.16 -9.49	49.80 -5.18 -10.79	57.10 -6.05 -11.22	123.23 -15.89 0.00	129.82 -16.39 0.00	136.67 -17.09 0.00	160.31 -17.15 0.00	176.96 -21.37 0.00	132.02 -14.92 0.00	128.22 -14.97 0.00	124.47 -13.98 0.00
INDIAN POINT_GT_1 24139	138.99 8.58 0.00	144.92 8.85 0.00	130.39 7.89 0.00	120.39 7.24 0.00	94.91 5.65 0.00	86.63 4.21 -16.88	121.12 6.22 -10.12	131.78 7.42 -1.71	113.56 6.65 -2.95	87.30 3.99 -23.02	141.04 9.11 0.00	121.86 4.14 -62.22	121.70 6.61 -25.45	99.73 3.21 -53.35	108.05 3.27 -60.60	118.80 4.06 -62.81	149.64 10.52 0.00	155.55 9.33 0.00	163.16 9.40 0.00	187.21 9.74 0.00	209.75 11.42 0.00	156.76 9.82 0.00	152.92 9.72 0.00	147.47 9.02 0.00
INDIAN POINT_GT_2 23659	138.99 8.58 0.00	144.92 8.85 0.00	130.39 7.89 0.00	120.39 7.24 0.00	94.91 5.65 0.00	86.63 4.21 -16.88	121.12 6.22 -10.12	131.78 7.42 -1.71	113.56 6.65 -2.95	87.30 3.99 -23.02	141.04 9.11 0.00	121.86 4.14 -62.22	121.70 6.61 -25.45	99.73 3.21 -53.35	108.05 3.27 -60.60	118.80 4.06 -62.81	149.64 10.52 0.00	155.55 9.33 0.00	163.16 9.40 0.00	187.21 9.74 0.00	209.75 11.42 0.00	156.76 9.82 0.00	152.92 9.72 0.00	147.47 9.02 0.00
INDIAN POINT_GT_3 24019	138.99 8.58 0.00	144.92 8.85 0.00	130.39 7.89 0.00	120.39 7.24 0.00	94.91 5.65 0.00	86.63 4.21 -16.88	121.12 6.22 -10.12	131.78 7.42 -1.71	113.56 6.65 -2.95	87.30 3.99 -23.02	141.04 9.11 0.00	121.86 4.14 -62.22	121.70 6.61 -25.45	99.73 3.21 -53.35	108.05 3.27 -60.60	118.80 4.06 -62.81	149.64 10.52 0.00	155.55 9.33 0.00	163.16 9.40 0.00	187.21 9.74 0.00	209.75 11.42 0.00	156.76 9.82 0.00	152.92 9.72 0.00	147.47 9.02 0.00
INDIAN POINT___2 23530	138.76 8.34 0.00	144.65 8.59 0.00	130.18 7.68 0.00	120.17 7.02 0.00	94.78 5.52 0.00	86.27 4.09 -16.64	120.76 6.03 -9.96	131.47 7.13 -1.69	113.30 6.43 -2.90	86.86 3.86 -22.71	140.76 8.83 0.00	120.91 4.03 -61.38	121.16 6.41 -25.11	98.92 3.12 -52.64	107.15 3.18 -59.78	117.85 3.95 -61.97	149.36 10.25 0.00	155.27 9.06 0.00	162.85 9.09 0.00	186.86 9.40 0.00	209.35 11.02 0.00	156.47 9.53 0.00	152.62 9.43 0.00	147.18 8.73 0.00
INDIAN POINT___3 23531	138.86 8.45 0.00	144.78 8.72 0.00	130.29 7.79 0.00	120.28 7.13 0.00	94.85 5.59 0.00	86.59 4.16 -16.90	121.02 6.12 -10.13	131.64 7.27 -1.72	113.46 6.54 -2.95	87.25 3.92 -23.03	140.91 8.98 0.00	121.83 4.07 -62.26	121.62 6.51 -25.47	99.71 3.16 -53.39	108.05 3.23 -60.64	118.77 3.99 -62.85	149.49 10.37 0.00	155.38 9.17 0.00	162.98 9.22 0.00	186.97 9.51 0.00	209.47 11.14 0.00	156.59 9.65 0.00	152.75 9.56 0.00	147.32 8.87 0.00
INGHAM_C_115KV_TB7 356103	137.56 7.14 0.00	143.53 7.46 0.00	129.25 6.76 0.00	120.57 6.42 -1.00	97.82 4.98 -3.57	71.10 3.95 -1.61	110.56 5.79 0.00	129.40 6.74 0.00	110.80 5.69 -1.14	63.61 3.31 0.00	142.56 7.04 -3.59	61.29 2.85 -2.93	94.74 4.42 -0.67	45.28 2.12 0.00	48.65 2.37 -2.10	57.36 2.61 -2.82	146.26 7.14 0.00	152.69 6.48 0.00	160.46 6.70 0.00	184.63 7.17 0.00	206.54 8.21 0.00	154.42 7.48 0.00	150.73 7.54 0.00	145.18 6.73 0.00
IP CORINTH___1 23988	142.44 12.02 0.00	148.44 12.37 0.00	133.59 11.10 0.00	123.40 10.25 0.00	97.37 8.10 0.00	175.00 6.32 -103.15	227.43 10.18 -112.48	153.55 11.86 -19.03	146.88 10.19 -32.73	116.67 5.95 -50.42	144.79 12.86 0.00	140.23 5.27 -79.46	130.63 8.47 -32.51	115.29 3.99 -68.14	125.81 4.23 -77.40	137.24 5.08 -80.23	152.86 13.74 0.00	159.96 13.75 0.00	167.68 13.92 0.00	193.55 16.09 0.00	216.23 17.90 0.00	161.01 14.07 0.00	156.91 13.72 0.00	151.61 13.16 0.00



IP___TICONDEROGA 23804	147.13 16.72 0.00	153.11 17.04 0.00	137.62 15.12 0.00	127.03 13.88 0.00	100.37 11.11 0.00	176.57 8.82 -102.21	230.65 14.53 -111.35	158.38 16.88 -18.84	150.50 14.14 -32.40	118.40 7.95 -50.15	148.93 17.00 0.00	142.00 7.13 -79.37	133.44 11.32 -32.47	116.55 5.32 -68.06	127.28 5.79 -77.31	138.96 6.90 -80.14	159.02 19.89 0.00	166.59 20.38 0.00	174.52 20.76 0.00	202.17 24.71 0.00	225.41 27.08 0.00	167.43 20.48 0.00	163.81 20.61 0.00	158.46 20.01 0.00
ISLIP_RES_REC 323679	142.78 12.37 0.00	149.18 13.11 0.00	134.50 12.00 0.00	124.37 11.22 0.00	98.35 9.09 0.00	204.77 7.11 -132.13	167.86 10.81 -52.27	178.47 12.88 -42.93	145.02 11.42 -29.64	95.89 6.35 -29.25	145.45 13.51 0.00	124.36 6.02 -62.84	135.25 9.77 -35.83	114.09 4.70 -66.24	110.01 4.62 -61.20	122.31 5.93 -64.46	154.32 15.20 0.00	159.84 13.63 0.00	167.91 14.14 0.00	192.31 14.85 0.00	214.52 16.19 0.00	160.61 13.66 0.00	157.13 13.94 0.00	152.13 13.68 0.00
JAMAICA__27_KV_LOAD 355505	141.50 11.09 0.00	147.63 11.56 0.00	132.60 10.10 0.00	122.59 9.44 0.00	96.45 7.19 0.00	87.89 5.30 -17.06	122.89 7.89 -10.23	133.62 9.23 -1.73	115.27 8.33 -2.98	88.49 4.94 -23.25	143.82 11.89 0.00	123.89 5.53 -62.85	124.18 8.82 -25.71	101.37 4.30 -53.90	109.75 4.35 -61.22	120.59 5.21 -63.46	152.82 13.70 0.00	158.62 12.41 0.00	166.16 12.40 0.00	190.38 12.92 0.00	213.00 14.67 0.00	159.43 12.49 0.00	155.66 12.47 0.00	149.94 11.49 0.00
JANIS___SOLAR 323808	133.42 3.01 0.00	138.95 2.88 0.00	125.24 2.74 0.00	115.67 2.52 0.00	91.27 2.01 0.00	74.63 2.00 -7.10	113.93 3.67 -5.49	127.92 4.33 -0.93	108.56 3.00 -1.60	68.19 0.66 -7.24	131.96 -0.18 -0.20	73.25 -0.13 -0.29	96.66 -0.26 -0.29	58.23 -0.06 -0.26	61.54 0.51 -17.42	70.51 0.51 -18.08	141.83 2.72 0.00	150.93 4.72 0.00	159.84 6.08 0.00	184.64 7.18 0.00	204.95 6.62 0.00	151.82 4.88 0.00	147.52 4.33 0.00	142.57 4.12 0.00
JARVIS____ 23743	131.74 1.33 0.00	137.54 1.48 0.00	123.85 1.35 0.00	115.39 1.24 -1.00	93.79 0.95 -3.57	67.87 0.73 -1.61	105.83 1.06 0.00	123.88 1.22 0.00	106.25 1.15 -1.14	61.01 0.71 0.00	136.99 1.47 -3.59	59.10 0.67 -2.93	91.33 1.01 -0.67	43.68 0.51 0.00	46.82 0.53 -2.10	55.38 0.63 -2.82	140.65 1.53 0.00	147.36 1.15 0.00	154.85 1.08 0.00	178.55 1.09 0.00	199.73 1.40 0.00	148.42 1.48 0.00	144.77 1.58 0.00	139.98 1.53 0.00
JENNISON___1 23625	132.11 1.70 0.00	137.63 1.57 0.00	123.86 1.37 0.00	114.34 1.18 0.00	90.23 0.97 0.00	77.34 1.21 -10.60	116.06 2.49 -8.80	127.31 3.17 -1.49	108.92 2.40 -2.56	70.51 0.61 -9.61	132.65 0.67 -0.04	78.36 0.29 -22.57	99.30 0.42 -9.23	62.65 0.13 -19.36	66.45 0.27 -21.99	75.35 0.61 -22.81	141.67 2.55 0.00	149.62 3.41 0.00	157.68 3.92 0.00	181.51 4.05 0.00	201.98 3.66 0.00	149.96 3.02 0.00	146.08 2.89 0.00	141.74 3.30 0.00
JENNISON___2 23626	132.11 1.70 0.00	137.63 1.57 0.00	123.86 1.37 0.00	114.34 1.18 0.00	90.23 0.97 0.00	77.34 1.21 -10.60	116.06 2.49 -8.80	127.31 3.17 -1.49	108.92 2.40 -2.56	70.51 0.61 -9.61	132.65 0.67 -0.04	78.36 0.29 -22.57	99.30 0.42 -9.23	62.65 0.13 -19.36	66.45 0.27 -21.99	75.35 0.61 -22.81	141.67 2.55 0.00	149.62 3.41 0.00	157.68 3.92 0.00	181.51 4.05 0.00	201.98 3.66 0.00	149.96 3.02 0.00	146.08 2.89 0.00	141.74 3.30 0.00
JERICHO_RISE_WT_PWR 323719	125.77 -4.65 0.00	130.91 -5.16 0.00	117.65 -4.84 0.00	90.68 -4.52 17.95	16.02 -3.62 69.62	-25.08 -3.01 87.60	-30.82 -4.25 131.34	-32.27 -4.46 150.47	-28.65 -4.44 128.17	-27.34 -2.77 84.86	-26.53 -5.38 153.09	-21.70 -2.62 74.59	-28.47 -3.88 114.22	-26.07 -1.85 67.38	-22.31 -2.02 64.48	-10.63 -2.42 60.14	134.53 -4.59 0.00	144.07 -2.14 0.00	151.14 -2.62 0.00	174.05 -3.41 0.00	195.34 -2.99 0.00	143.00 -3.94 0.00	138.60 -4.59 0.00	134.23 -4.22 0.00
KATONAH___115KV_46KV_TB4 355592	140.67 10.26 0.00	146.75 10.68 0.00	132.10 9.61 0.00	121.98 8.83 0.00	96.16 6.90 0.00	88.06 5.21 -17.33	123.14 7.95 -10.42	133.90 9.48 -1.76	115.40 8.41 -3.03	88.81 4.96 -23.56	143.05 11.12 0.00	124.09 4.95 -63.64	123.57 7.90 -26.03	101.55 3.82 -54.57	110.07 3.91 -61.98	120.97 4.79 -64.25	151.71 12.59 0.00	157.95 11.74 0.00	165.76 12.00 0.00	190.18 12.72 0.00	212.89 14.57 0.00	159.02 12.07 0.00	155.09 11.90 0.00	149.48 11.03 0.00
KCE_NY_1 323755	140.06 9.65 0.00	146.23 10.16 0.00	131.54 9.04 0.00	121.50 8.34 0.00	95.87 6.60 0.00	171.47 5.05 -100.88	222.58 8.06 -109.75	150.60 9.37 -18.57	143.87 7.97 -31.93	114.75 4.69 -49.77	141.99 10.06 0.00	138.91 4.17 -79.23	128.85 6.79 -32.41	114.33 3.22 -67.95	124.83 3.47 -77.17	136.00 4.07 -80.00	149.83 10.71 0.00	156.83 10.62 0.00	164.41 10.65 0.00	189.68 12.22 0.00	212.16 13.83 0.00	157.93 10.99 0.00	153.88 10.69 0.00	148.58 10.13 0.00
KCE_NY_6_ESR 323823	121.32 -9.09 0.00	125.90 -10.17 0.00	114.16 -8.34 0.00	104.95 -8.20 0.00	82.45 -6.81 0.00	62.96 -4.62 -2.05	97.41 -7.36 0.00	112.85 -9.80 0.00	95.84 -8.12 0.00	59.87 -4.62 -4.20	120.83 -11.02 0.08	62.58 -4.59 -11.67	86.27 -8.15 -4.78	48.88 -4.29 -10.01	51.36 -4.21 -11.39	58.96 -4.81 -11.84	126.73 -12.39 0.00	133.42 -12.79 0.00	140.50 -13.27 0.00	164.46 -12.99 0.00	181.63 -16.70 0.00	135.59 -11.35 0.00	131.79 -11.40 0.00	127.64 -10.81 0.00
KEDC_PORT_JEFF_GT2 24210	141.92 11.51 0.00	148.28 12.21 0.00	133.65 11.15 0.00	123.57 10.42 0.00	97.71 8.45 0.00	205.80 6.60 -133.67	170.96 10.00 -56.19	183.77 11.92 -49.19	145.49 10.58 -30.95	95.46 5.92 -29.25	144.51 12.58 0.00	123.93 5.59 -62.84	134.60 9.13 -35.83	113.75 4.35 -66.24	109.64 4.26 -61.20	121.82 5.43 -64.46	152.70 13.58 0.00	157.82 11.61 0.00	165.56 11.80 0.00	189.60 12.14 0.00	211.56 13.23 0.00	158.66 11.72 0.00	155.44 12.25 0.00	150.61 12.15 0.00
KEDC_PORT_JEFF_GT3 24211	141.92 11.51 0.00	148.28 12.21 0.00	133.65 11.15 0.00	123.57 10.42 0.00	97.71 8.45 0.00	205.80 6.60 -133.67	170.96 10.00 -56.19	183.77 11.92 -49.19	145.49 10.58 -30.95	95.46 5.92 -29.25	144.51 12.58 0.00	123.93 5.59 -62.84	134.60 9.13 -35.83	113.75 4.35 -66.24	109.64 4.26 -61.20	121.82 5.43 -64.46	152.70 13.58 0.00	157.82 11.61 0.00	165.56 11.80 0.00	189.60 12.14 0.00	211.56 13.23 0.00	158.66 11.72 0.00	155.44 12.25 0.00	150.61 12.15 0.00
KEDC_GLWD_GT4 24219	141.59 11.17 0.00	147.76 11.70 0.00	133.02 10.53 0.00	122.93 9.77 0.00	97.10 7.83 0.00	197.47 5.90 -126.03	150.45 8.95 -36.73	151.37 10.67 -18.04	137.94 9.53 -24.45	95.11 5.57 -29.25	144.41 12.48 0.00	123.96 5.62 -62.84	134.62 9.15 -35.83	113.75 4.35 -66.24	109.76 4.37 -61.20	121.85 5.46 -64.46	153.15 14.03 0.00	158.10 11.89 0.00	165.93 12.16 0.00	190.15 12.69 0.00	213.43 15.11 0.00	159.61 12.67 0.00	155.85 12.66 0.00	150.50 12.04 0.00
KEDC_GLWD_GT5 24220	141.59 11.17 0.00	147.76 11.70 0.00	133.02 10.53 0.00	122.93 9.77 0.00	97.10 7.83 0.00	197.47 5.90 -126.03	150.45 8.95 -36.73	151.37 10.67 -18.04	137.94 9.53 -24.45	95.11 5.57 -29.25	144.41 12.48 0.00	123.96 5.62 -62.84	134.62 9.15 -35.83	113.75 4.35 -66.24	109.76 4.37 -61.20	121.85 5.46 -64.46	153.15 14.03 0.00	158.10 11.89 0.00	165.93 12.16 0.00	190.15 12.69 0.00	213.43 15.11 0.00	159.61 12.67 0.00	155.85 12.66 0.00	150.50 12.04 0.00



KENSICO____ 23655	139.47 9.06 0.00	145.43 9.36 0.00	130.84 8.34 0.00	120.80 7.65 0.00	95.24 5.98 0.00	87.02 4.46 -17.03	121.60 6.62 -10.21	132.27 7.88 -1.73	114.05 7.11 -2.97	87.78 4.28 -23.21	141.68 9.75 0.00	122.64 4.42 -62.72	122.36 7.06 -25.66	100.38 3.42 -53.79	108.76 3.49 -61.09	119.55 4.30 -63.33	150.24 11.12 0.00	156.13 9.92 0.00	163.75 9.99 0.00	187.83 10.37 0.00	210.45 12.12 0.00	157.29 10.35 0.00	153.49 10.30 0.00	148.01 9.56 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	140.61 10.20 0.00	146.65 10.58 0.00	131.98 9.49 0.00	121.84 8.69 0.00	96.03 6.77 0.00	89.25 5.14 -18.58	125.35 8.07 -12.51	134.41 9.63 -2.12	115.93 8.32 -3.64	87.93 4.75 -22.88	142.34 10.41 0.00	120.37 4.57 -60.30	121.67 7.36 -24.67	98.37 3.50 -51.71	106.53 3.61 -58.73	117.31 4.50 -60.88	151.54 12.42 0.00	158.11 11.90 0.00	166.20 12.43 0.00	190.91 13.45 0.00	213.55 15.22 0.00	159.42 12.48 0.00	155.24 12.05 0.00	149.53 11.07 0.00
KIAC_JFK_GT1 23816	140.13 9.72 0.00	146.21 10.15 0.00	131.34 8.85 0.00	121.39 8.24 0.00	95.52 6.25 0.00	87.19 4.60 -17.06	121.75 6.75 -10.23	132.29 7.90 -1.73	114.11 7.18 -2.98	87.86 4.31 -23.25	142.66 10.73 0.00	123.52 5.16 -62.85	123.58 8.22 -25.71	101.09 4.03 -53.90	109.46 4.06 -61.22	120.10 4.72 -63.46	151.37 12.25 0.00	157.00 10.78 0.00	164.47 10.71 0.00	188.30 10.84 0.00	210.81 12.48 0.00	157.75 10.81 0.00	154.00 10.81 0.00	148.44 9.99 0.00
KIAC_JFK_GT2 23817	140.13 9.72 0.00	146.21 10.15 0.00	131.34 8.85 0.00	121.39 8.24 0.00	95.52 6.25 0.00	87.19 4.60 -17.06	121.75 6.75 -10.23	132.29 7.90 -1.73	114.11 7.18 -2.98	87.86 4.31 -23.25	142.66 10.73 0.00	123.52 5.16 -62.85	123.58 8.22 -25.71	101.09 4.03 -53.90	109.46 4.06 -61.22	120.10 4.72 -63.46	151.37 12.25 0.00	157.00 10.78 0.00	164.47 10.71 0.00	188.30 10.84 0.00	210.81 12.48 0.00	157.75 10.81 0.00	154.00 10.81 0.00	148.44 9.99 0.00
KIAC_JFK____ 323774	140.14 9.73 0.00	146.21 10.15 0.00	131.34 8.85 0.00	121.40 8.25 0.00	95.54 6.27 0.00	87.19 4.60 -17.06	121.74 6.74 -10.23	132.27 7.88 -1.73	114.10 7.16 -2.98	87.86 4.31 -23.25	142.73 10.79 0.00	123.52 5.16 -62.85	123.58 8.22 -25.71	101.09 4.03 -53.90	109.46 4.06 -61.22	120.10 4.71 -63.46	151.37 12.25 0.00	156.99 10.78 0.00	164.49 10.72 0.00	188.31 10.85 0.00	210.81 12.48 0.00	157.76 10.82 0.00	154.06 10.87 0.00	148.45 10.00 0.00
KINTIGH____ 23543	118.71 -11.70 0.00	123.46 -12.61 0.00	111.75 -10.75 0.00	102.95 -10.20 0.00	80.96 -8.30 0.00	61.49 -5.78 -1.73	95.47 -9.30 0.00	110.74 -11.91 0.00	94.23 -9.74 0.00	58.32 -5.53 -3.56	118.94 -12.93 0.06	60.12 -5.31 -9.93	84.42 -9.28 -4.06	46.85 -4.82 -8.51	49.00 -4.87 -9.68	56.27 -5.72 -10.06	123.86 -15.26 0.00	130.27 -15.94 0.00	137.04 -16.72 0.00	160.38 -17.08 0.00	177.50 -20.83 0.00	132.19 -14.75 0.00	128.49 -14.70 0.00	124.53 -13.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	128.61 -1.80 0.00	133.78 -2.29 0.00	120.18 -2.32 0.00	92.51 -2.42 18.22	16.83 -2.13 70.31	-21.05 -1.76 84.83	-21.59 -2.19 124.17	-21.63 -2.03 142.25	-20.93 -2.30 122.59	-21.54 -1.61 80.22	-20.68 -3.42 149.19	-20.47 -1.81 74.16	-21.76 -2.58 108.83	-21.78 -1.24 63.70	-20.71 -1.32 63.57	-10.02 -1.58 60.37	136.89 -2.23 0.00	146.68 0.47 0.00	153.88 0.11 0.00	176.92 -0.55 0.00	198.39 0.06 0.00	145.52 -1.42 0.00	141.04 -2.15 0.00	136.55 -1.90 0.00
LACHUTE__HYDRO 323717	147.13 16.72 0.00	153.11 17.04 0.00	137.62 15.12 0.00	127.03 13.88 0.00	100.37 11.11 0.00	176.56 8.82 -102.21	230.65 14.53 -111.35	158.38 16.88 -18.84	150.51 14.15 -32.40	118.39 7.95 -50.15	148.94 17.00 0.00	142.00 7.13 -79.37	133.44 11.32 -32.47	116.54 5.32 -68.06	127.28 5.79 -77.31	138.96 6.90 -80.14	159.01 19.89 0.00	166.59 20.38 0.00	174.52 20.76 0.00	202.17 24.71 0.00	225.41 27.08 0.00	167.43 20.48 0.00	163.81 20.61 0.00	158.45 20.00 0.00
LAWRNCV_115KV_TB1 80681	128.22 -2.19 0.00	133.23 -2.83 0.00	119.59 -2.91 0.00	94.96 -2.98 15.20	33.09 -2.37 53.81	46.39 -2.02 17.12	119.78 -2.37 -17.39	141.61 -0.98 -19.93	97.80 -2.87 3.29	69.16 -2.09 -10.97	83.29 -4.45 44.18	10.97 -2.17 42.36	90.42 -2.37 -3.14	51.06 -1.03 -8.92	14.01 -1.44 28.73	7.18 -2.49 42.25	133.28 -5.84 0.00	144.36 -1.85 0.00	151.81 -1.95 0.00	175.53 -1.93 0.00	196.05 -2.28 0.00	142.52 -4.42 0.00	139.55 -3.64 0.00	136.29 -2.16 0.00
LEDERLE____ 23769	139.11 8.69 0.00	145.06 8.99 0.00	130.48 7.99 0.00	120.45 7.30 0.00	95.02 5.76 0.00	86.22 4.29 -16.40	120.96 6.38 -9.81	131.90 7.58 -1.66	113.57 6.75 -2.86	86.71 4.03 -22.39	141.13 9.20 0.00	120.22 4.19 -60.52	121.02 6.62 -24.76	98.30 3.24 -51.90	106.44 3.31 -58.95	117.15 4.12 -61.11	149.87 10.76 0.00	155.92 9.71 0.00	163.52 9.76 0.00	187.69 10.23 0.00	210.25 11.92 0.00	157.06 10.11 0.00	153.08 9.89 0.00	147.63 9.18 0.00
LIGHTHSE_115KV_TB6 355974	129.21 -1.21 0.00	134.60 -1.46 0.00	121.14 -1.36 0.00	110.30 -1.31 1.54	82.85 -1.00 5.41	64.10 -0.50 0.93	106.87 -0.48 -2.58	125.26 -0.35 -2.95	103.89 -0.41 -0.34	63.15 -0.49 -3.35	126.36 -1.64 3.93	56.61 -0.58 -1.68	91.75 -1.23 -3.34	48.95 -0.54 -6.33	46.61 -0.52 -2.95	53.11 -0.50 -1.69	138.11 -1.01 0.00	145.97 -0.24 0.00	153.72 -0.04 0.00	177.46 0.00 0.00	197.62 -0.71 0.00	146.35 -0.59 0.00	144.59 1.40 0.00	140.21 1.76 0.00
LINDEN COGEN____ 23786	139.22 8.81 0.00	145.17 9.10 0.00	130.55 8.06 0.00	120.49 7.34 0.00	95.01 5.75 0.00	86.89 4.30 -17.06	117.33 6.18 -6.39	117.46 7.35 12.55	105.44 6.73 5.26	87.64 4.10 -23.25	132.40 9.61 9.14	122.81 4.46 -62.85	122.46 7.11 -25.71	100.53 3.46 -53.90	108.91 3.51 -61.22	119.69 4.30 -63.46	150.17 11.05 0.00	155.24 9.65 0.62	156.53 9.72 6.96	184.96 9.80 2.30	209.93 11.60 0.00	156.97 10.03 0.00	153.22 10.02 0.00	147.76 9.31 0.00
LINDHRST_69_KV_BK1 356055	142.36 11.95 0.00	148.59 12.53 0.00	134.00 11.51 0.00	123.78 10.63 0.00	97.78 8.52 0.00	198.44 6.47 -126.44	152.28 9.75 -37.76	153.91 11.55 -19.69	139.18 10.42 -24.79	95.52 5.98 -29.25	144.91 12.98 0.00	124.15 5.81 -62.84	134.90 9.43 -35.83	113.96 4.56 -66.24	109.92 4.53 -61.20	122.16 5.78 -64.46	153.92 14.80 0.00	159.51 13.30 0.00	167.53 13.76 0.00	191.96 14.50 0.00	214.51 16.19 0.00	160.50 13.55 0.00	156.78 13.59 0.00	151.63 13.18 0.00
LIPA_MISC_IPP 23656	141.95 11.53 0.00	148.24 12.18 0.00	133.64 11.14 0.00	123.58 10.42 0.00	97.72 8.45 0.00	205.40 6.74 -133.13	169.97 10.38 -54.82	182.08 12.42 -47.00	145.32 10.87 -30.49	95.54 6.00 -29.25	144.61 12.67 0.00	123.93 5.59 -62.84	134.60 9.13 -35.83	113.75 4.35 -66.24	109.70 4.31 -61.20	121.79 5.40 -64.46	153.00 13.88 0.00	158.72 12.51 0.00	166.72 12.95 0.00	190.91 13.44 0.00	213.05 14.72 0.00	159.54 12.60 0.00	156.12 12.93 0.00	151.24 12.79 0.00
LISF__SOLAR 323691	142.23 11.81 0.00	148.53 12.46 0.00	133.88 11.38 0.00	123.80 10.65 0.00	97.91 8.64 0.00	205.50 6.88 -133.08	170.11 10.64 -54.69	182.13 12.67 -46.80	145.47 11.06 -30.45	95.61 6.07 -29.25	144.71 12.78 0.00	123.96 5.62 -62.84	134.66 9.19 -35.83	113.77 4.37 -66.24	109.74 4.35 -61.20	121.86 5.47 -64.46	153.28 14.16 0.00	159.09 12.88 0.00	167.14 13.38 0.00	191.36 13.90 0.00	213.53 15.20 0.00	159.90 12.95 0.00	156.46 13.27 0.00	151.49 13.04 0.00



LITTLE FALLS___HYD 24013	137.56 7.14 0.00	143.53 7.46 0.00	129.25 6.76 0.00	120.57 6.42 -1.00	97.82 4.98 -3.57	71.10 3.95 -1.61	110.56 5.79 0.00	129.40 6.74 0.00	110.80 5.69 -1.14	63.61 3.31 0.00	142.56 7.04 -3.59	61.29 2.85 -2.93	94.74 4.42 -0.67	45.28 2.12 0.00	48.65 2.37 -2.10	57.36 2.61 -2.82	146.26 7.14 0.00	152.69 6.48 0.00	160.46 6.70 0.00	184.63 7.17 0.00	206.54 8.21 0.00	154.42 7.48 0.00	150.73 7.54 0.00	145.18 6.73 0.00
LITTLRIV_115KV_TB1 356100	129.76 -0.65 0.00	134.99 -1.08 0.00	121.16 -1.34 0.00	96.74 -1.53 14.88	35.50 -1.20 52.56	48.68 -1.11 15.74	123.07 -0.79 -19.09	145.37 0.83 -21.88	100.85 -1.60 1.51	70.97 -1.69 -12.37	86.36 -3.77 41.81	13.51 -1.93 40.06	92.89 -1.86 -5.11	53.03 -0.80 -10.67	16.28 -1.22 26.69	9.65 -2.13 40.15	134.60 -4.52 0.00	146.22 0.02 0.00	154.01 0.25 0.00	178.12 0.66 0.00	198.78 0.45 0.00	144.42 -2.52 0.00	141.27 -1.92 0.00	138.01 -0.44 0.00
LI_NEWBRDGE___DRP 323616	140.29 9.88 0.00	146.48 10.42 0.00	131.94 9.45 0.00	121.90 8.75 0.00	96.24 6.98 0.00	196.84 5.28 -126.03	149.37 7.88 -36.73	150.07 9.38 -18.04	136.83 8.42 -24.45	94.49 4.95 -29.25	142.93 11.00 0.00	123.34 4.99 -62.84	133.55 8.08 -35.83	113.29 3.89 -66.24	109.27 3.88 -61.20	121.28 4.90 -64.46	151.53 12.41 0.00	156.84 10.63 0.00	164.54 10.78 0.00	188.60 11.14 0.00	211.02 12.69 0.00	157.84 10.90 0.00	154.23 11.04 0.00	149.06 10.61 0.00
LOCKPORT_115KV_TB60_63_64 80432	118.60 -11.81 0.00	123.30 -12.77 0.00	111.75 -10.75 0.00	102.79 -10.36 0.00	80.65 -8.61 0.00	61.22 -6.18 -1.87	94.75 -10.02 0.00	109.15 -13.51 0.00	93.04 -10.92 0.00	57.95 -6.17 -3.83	117.39 -14.48 0.07	60.04 -6.13 -10.66	83.44 -10.57 -4.36	46.72 -5.59 -9.15	48.99 -5.60 -10.40	56.24 -6.51 -10.82	122.12 -17.00 0.00	128.59 -17.62 0.00	135.36 -18.40 0.00	158.91 -18.55 0.00	175.33 -23.00 0.00	130.89 -16.05 0.00	127.12 -16.07 0.00	123.49 -14.96 0.00
LOCKPORT___CC1 323769	118.29 -12.12 0.00	122.91 -13.15 0.00	111.42 -11.07 0.00	102.43 -10.72 0.00	80.34 -8.92 0.00	61.02 -6.39 -1.88	94.45 -10.31 0.00	108.82 -13.84 0.00	92.75 -11.21 0.00	57.78 -6.37 -3.86	117.01 -14.85 0.07	60.01 -6.23 -10.73	83.27 -10.76 -4.39	46.69 -5.68 -9.20	48.98 -5.68 -10.47	56.19 -6.63 -10.89	121.79 -17.33 0.00	128.18 -18.03 0.00	134.91 -18.85 0.00	158.35 -19.11 0.00	174.81 -23.52 0.00	130.48 -16.46 0.00	126.73 -16.45 0.00	123.10 -15.35 0.00
LOCKPORT___CC2 323770	118.29 -12.12 0.00	122.91 -13.15 0.00	111.42 -11.07 0.00	102.43 -10.72 0.00	80.34 -8.92 0.00	61.02 -6.39 -1.88	94.45 -10.31 0.00	108.82 -13.84 0.00	92.75 -11.21 0.00	57.78 -6.37 -3.86	117.01 -14.85 0.07	60.01 -6.23 -10.73	83.27 -10.76 -4.39	46.69 -5.68 -9.20	48.98 -5.68 -10.47	56.19 -6.63 -10.89	121.79 -17.33 0.00	128.18 -18.03 0.00	134.91 -18.85 0.00	158.35 -19.11 0.00	174.81 -23.52 0.00	130.48 -16.46 0.00	126.73 -16.45 0.00	123.10 -15.35 0.00
LOCKPORT___CC3 323771	118.29 -12.12 0.00	122.91 -13.15 0.00	111.42 -11.07 0.00	102.43 -10.72 0.00	80.34 -8.92 0.00	61.02 -6.39 -1.88	94.45 -10.31 0.00	108.82 -13.84 0.00	92.75 -11.21 0.00	57.78 -6.37 -3.86	117.01 -14.85 0.07	60.01 -6.23 -10.73	83.27 -10.76 -4.39	46.69 -5.68 -9.20	48.98 -5.68 -10.47	56.19 -6.63 -10.89	121.79 -17.33 0.00	128.18 -18.03 0.00	134.91 -18.85 0.00	158.35 -19.11 0.00	174.81 -23.52 0.00	130.48 -16.46 0.00	126.73 -16.45 0.00	123.10 -15.35 0.00
LONG_LAKE_PHOENIX 24014	129.19 -1.23 0.00	134.58 -1.49 0.00	121.25 -1.25 0.00	111.36 -1.19 0.60	86.18 -0.91 2.17	64.67 -0.38 0.49	104.43 -0.34 0.00	122.15 -0.51 0.00	102.97 -0.29 0.70	62.04 -0.22 -1.96	128.89 -0.84 2.20	60.17 -0.20 -4.87	91.35 -0.61 -2.31	48.55 -0.33 -5.72	49.09 -0.31 -5.21	56.69 -0.25 -5.01	138.68 -0.43 0.00	145.90 -0.31 0.00	153.59 -0.18 0.00	177.47 0.02 0.00	197.54 -0.78 0.00	146.47 -0.48 0.00	142.91 -0.28 0.00	138.01 -0.44 0.00
LOVETT___3 23632	138.54 8.13 0.00	144.47 8.40 0.00	129.96 7.47 0.00	119.97 6.82 0.00	94.63 5.36 0.00	85.99 3.99 -16.46	120.48 5.85 -9.85	131.26 6.94 -1.67	113.06 6.23 -2.87	86.50 3.74 -22.47	140.47 8.54 0.00	120.16 3.91 -60.75	120.70 6.21 -24.85	98.28 3.02 -52.09	106.44 3.09 -59.17	117.11 3.86 -61.33	149.15 10.03 0.00	155.08 8.87 0.00	162.66 8.90 0.00	186.63 9.17 0.00	209.09 10.76 0.00	156.25 9.30 0.00	152.35 9.16 0.00	146.97 8.52 0.00
LOVETT___4 23642	138.54 8.13 0.00	144.47 8.40 0.00	129.96 7.47 0.00	119.97 6.82 0.00	94.63 5.36 0.00	85.99 3.99 -16.46	120.48 5.85 -9.85	131.26 6.94 -1.67	113.06 6.23 -2.87	86.50 3.74 -22.47	140.47 8.54 0.00	120.16 3.91 -60.75	120.70 6.21 -24.85	98.28 3.02 -52.09	106.44 3.09 -59.17	117.11 3.86 -61.33	149.15 10.03 0.00	155.08 8.87 0.00	162.66 8.90 0.00	186.63 9.17 0.00	209.09 10.76 0.00	156.25 9.30 0.00	152.35 9.16 0.00	146.97 8.52 0.00
LOVETT___5 23593	138.54 8.13 0.00	144.47 8.40 0.00	129.96 7.47 0.00	119.97 6.82 0.00	94.63 5.36 0.00	85.99 3.99 -16.46	120.48 5.85 -9.85	131.26 6.94 -1.67	113.06 6.23 -2.87	86.50 3.74 -22.47	140.47 8.54 0.00	120.16 3.91 -60.75	120.70 6.21 -24.85	98.28 3.02 -52.09	106.44 3.09 -59.17	117.11 3.86 -61.33	149.15 10.03 0.00	155.08 8.87 0.00	162.66 8.90 0.00	186.63 9.17 0.00	209.09 10.76 0.00	156.25 9.30 0.00	152.35 9.16 0.00	146.97 8.52 0.00
LOWER RAQUET___HYD 24057	128.17 -2.25 0.00	133.23 -2.84 0.00	119.55 -2.95 0.00	95.58 -3.00 14.57	35.49 -2.39 51.39	49.00 -2.01 14.51	123.13 -2.33 -20.69	145.40 -0.96 -23.71	101.26 -2.86 -0.16	71.60 -2.12 -13.43	87.77 -4.59 39.58	14.46 -2.23 38.81	93.74 -2.49 -6.59	53.59 -1.12 -11.54	16.96 -1.58 25.65	10.18 -2.67 39.08	132.85 -6.27 0.00	143.94 -2.27 0.00	151.37 -2.39 0.00	174.98 -2.48 0.00	195.47 -2.86 0.00	142.22 -4.72 0.00	139.51 -3.69 0.00	136.43 -2.02 0.00
LOWER___HUDSON 24059	137.88 7.47 0.00	143.77 7.70 0.00	129.42 6.93 0.00	119.58 6.43 0.00	94.35 5.09 0.00	154.59 3.88 -85.18	201.39 5.82 -90.80	144.60 6.58 -15.36	136.24 5.85 -26.42	109.16 3.55 -45.31	139.39 7.46 0.00	136.51 3.18 -77.83	126.54 5.05 -31.84	112.36 2.45 -66.75	122.55 2.56 -75.81	133.51 3.00 -78.58	146.74 7.62 0.00	153.18 6.97 0.00	160.60 6.84 0.00	185.29 7.83 0.00	207.68 9.35 0.00	154.75 7.81 0.00	150.92 7.73 0.00	145.77 7.32 0.00
LOWVILLE_115KV_TB2 356335	129.44 -0.98 0.00	134.67 -1.39 0.00	120.72 -1.78 0.00	107.82 -1.64 3.69	75.01 -1.29 12.97	61.65 -0.78 3.11	110.53 -0.37 -6.13	130.08 0.40 -7.02	104.24 -0.51 -0.78	64.28 -0.64 -4.64	120.69 -1.83 9.41	47.36 -0.78 7.37	91.51 -1.44 -3.30	47.94 -0.56 -5.34	39.53 -0.59 4.06	43.68 -0.75 7.49	138.31 -0.81 0.00	148.26 2.05 0.00	154.63 0.87 0.00	177.51 0.05 0.00	198.13 -0.20 0.00	146.22 -0.72 0.00	146.85 3.66 0.00	144.23 5.78 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	140.01 9.60 0.00	146.02 9.95 0.00	131.43 8.93 0.00	121.39 8.24 0.00	95.78 6.51 0.00	171.42 5.00 -100.88	222.44 7.92 -109.75	150.37 9.14 -18.57	143.77 7.87 -31.93	114.71 4.64 -49.77	141.90 9.97 0.00	138.90 4.16 -79.23	128.76 6.70 -32.41	114.29 3.18 -67.95	124.73 3.38 -77.17	135.93 4.01 -80.00	149.78 10.66 0.00	156.64 10.43 0.00	164.26 10.50 0.00	189.50 12.04 0.00	211.97 13.64 0.00	157.82 10.87 0.00	153.76 10.57 0.00	148.49 10.04 0.00



LUTHERNY_35_KV_BK2 355980	140.06 9.65 0.00	146.23 10.16 0.00	131.54 9.05 0.00	121.49 8.34 0.00	95.87 6.60 0.00	171.47 5.05 -100.88	222.58 8.06 -109.75	150.60 9.37 -18.57	143.87 7.97 -31.93	114.75 4.68 -49.77	141.99 10.06 0.00	138.91 4.17 -79.23	128.85 6.79 -32.41	114.33 3.22 -67.95	124.83 3.47 -77.17	135.99 4.07 -80.00	149.83 10.71 0.00	156.83 10.62 0.00	164.42 10.65 0.00	189.68 12.22 0.00	212.17 13.84 0.00	157.93 10.98 0.00	153.88 10.69 0.00	148.58 10.13 0.00
LWR___OSWEGATCHIE_HYD 23850	128.60 -1.81 0.00	133.75 -2.31 0.00	119.95 -2.54 0.00	100.94 -2.49 9.72	53.02 -1.98 34.27	54.51 -1.58 9.44	117.33 -1.59 -14.15	138.30 -0.57 -16.21	102.40 -1.95 -0.39	68.23 -1.61 -9.55	102.10 -3.65 26.18	29.25 -1.67 24.58	92.58 -2.24 -5.18	51.16 -0.95 -8.95	27.16 -1.21 15.81	25.23 -1.92 24.78	135.03 -4.09 0.00	145.44 -0.77 0.00	152.52 -1.24 0.00	175.79 -1.67 0.00	196.32 -2.01 0.00	144.09 -2.85 0.00	143.10 -0.09 0.00	140.18 1.73 0.00
LYONS_FALL_HYD 23570	131.45 1.04 0.00	136.75 0.69 0.00	122.59 0.09 0.00	111.15 0.13 2.13	81.87 0.09 7.48	64.32 0.25 1.47	109.96 1.04 -4.16	129.18 1.76 -4.76	105.91 0.99 -0.96	63.98 0.37 -3.31	127.45 0.54 5.03	52.42 0.24 3.33	92.61 0.24 -2.73	47.47 0.20 -4.10	42.97 0.20 1.41	48.71 0.23 3.44	140.50 1.38 0.00	149.36 3.14 0.00	156.21 2.45 0.00	179.61 2.15 0.00	200.47 2.14 0.00	148.27 1.33 0.00	147.26 4.07 0.00	143.72 5.27 0.00
MADISON___COUNTY_LFGE 323628	133.47 3.06 0.00	139.32 3.25 0.00	125.64 3.14 0.00	116.20 3.04 0.00	91.69 2.43 0.00	67.93 2.07 -0.34	108.55 3.78 0.00	127.17 4.51 0.00	107.78 3.82 0.00	63.76 2.15 -1.32	136.46 4.53 0.00	61.95 1.96 -4.48	94.55 3.07 -1.83	48.46 1.45 -3.84	50.06 1.50 -4.37	58.35 1.89 -4.53	144.53 5.41 0.00	151.47 5.26 0.00	159.13 5.37 0.00	183.49 6.03 0.00	204.63 6.30 0.00	151.70 4.75 0.00	147.87 4.68 0.00	142.79 4.34 0.00
MALONE___115KV_TB1 356076	129.18 -1.23 0.00	134.31 -1.75 0.00	120.61 -1.89 0.00	94.25 -1.81 17.10	30.05 -1.47 57.75	75.53 -1.34 -11.34	191.29 -1.22 -87.74	222.60 -0.59 -100.52	154.90 -1.37 -52.31	115.64 -1.09 -56.44	126.79 -2.01 3.13	18.34 -1.26 35.91	144.74 -1.52 -56.61	87.40 -0.77 -45.01	24.99 -1.00 18.19	8.28 -1.34 42.31	137.47 -1.65 0.00	147.64 1.43 0.00	155.02 1.26 0.00	178.77 1.31 0.00	200.39 2.06 0.00	146.41 -0.53 0.00	142.24 -0.95 0.00	138.02 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	137.05 6.64 0.00	142.87 6.80 0.00	128.80 6.30 0.00	119.05 5.90 0.00	93.97 4.71 0.00	139.36 3.46 -70.37	182.62 5.02 -72.83	140.74 5.76 -12.32	130.47 5.31 -21.19	104.95 3.31 -41.35	138.74 6.81 0.00	135.81 2.94 -77.37	125.95 4.65 -31.65	111.84 2.33 -66.35	121.87 2.33 -75.36	132.64 2.59 -78.12	145.62 6.50 0.00	151.89 5.68 0.00	159.31 5.54 0.00	183.66 6.20 0.00	205.69 7.36 0.00	153.40 6.45 0.00	149.50 6.31 0.00	144.46 6.00 0.00
MAPLE_RIDGE_WT_1 323574	126.66 -3.75 0.00	132.35 -3.72 0.00	119.32 -3.17 0.00	78.61 -3.18 31.36	-25.62 -2.46 112.43	12.41 -1.97 51.15	101.60 -3.17 0.00	119.40 -3.25 0.00	64.79 -3.04 36.14	58.51 -1.78 0.00	14.63 -3.76 113.54	-39.00 -1.68 92.82	65.65 -2.62 21.37	41.92 -1.24 0.00	-23.63 -1.35 66.47	-39.00 -1.53 89.40	134.97 -4.15 0.00	142.42 -3.79 0.00	149.77 -3.99 0.00	173.03 -4.43 0.00	193.50 -4.83 0.00	142.98 -3.97 0.00	140.38 -2.81 0.00	137.44 -1.01 0.00
MAPLE_RIDGE_WT_2 323611	126.66 -3.75 0.00	132.35 -3.72 0.00	119.32 -3.17 0.00	78.61 -3.18 31.36	-25.62 -2.46 112.43	12.41 -1.97 51.15	101.60 -3.17 0.00	119.40 -3.25 0.00	64.79 -3.04 36.14	58.51 -1.78 0.00	14.63 -3.76 113.54	-39.00 -1.68 92.82	65.65 -2.62 21.37	41.92 -1.24 0.00	-23.63 -1.35 66.47	-39.00 -1.53 89.40	134.97 -4.15 0.00	142.42 -3.79 0.00	149.77 -3.99 0.00	173.03 -4.43 0.00	193.50 -4.83 0.00	142.98 -3.97 0.00	140.38 -2.81 0.00	137.44 -1.01 0.00
MARBLE_RIVER_WT_PWR 323696	125.94 -4.48 0.00	131.10 -4.96 0.00	117.80 -4.70 0.00	90.37 -4.47 18.31	15.12 -3.61 70.54	-21.23 -2.89 83.87	-21.00 -4.07 121.70	-21.00 -4.23 139.43	-21.00 -4.29 120.67	-21.00 -2.66 78.63	-21.00 -5.08 147.85	-21.00 -2.49 74.01	-21.00 -3.68 106.97	-21.00 -1.73 62.43	-21.00 -1.93 63.26	-10.91 -2.38 60.45	134.57 -4.55 0.00	144.03 -2.18 0.00	151.10 -2.66 0.00	173.84 -3.62 0.00	195.08 -3.25 0.00	142.92 -4.02 0.00	138.63 -4.56 0.00	134.25 -4.20 0.00
MARSHVLE_115KV_TB1 80742	137.71 7.29 0.00	143.55 7.48 0.00	129.24 6.74 0.00	119.15 6.00 0.00	93.85 4.58 0.00	164.66 3.60 -95.52	214.14 6.50 -102.87	147.60 7.54 -17.41	139.76 5.86 -29.93	114.25 3.08 -50.88	138.62 6.69 0.00	147.22 2.79 -88.93	130.39 4.36 -36.38	121.43 2.01 -76.26	132.84 2.04 -86.62	144.20 2.48 -89.79	147.08 7.96 0.00	155.56 9.35 0.00	164.00 10.24 0.00	189.41 11.95 0.00	211.04 12.70 0.00	156.78 9.84 0.00	152.58 9.39 0.00	147.38 8.93 0.00
MARSH_HILL_WT_PWR 323713	123.35 -7.06 0.00	129.05 -7.02 0.00	116.24 -6.26 0.00	106.53 -6.62 0.00	83.39 -5.88 0.00	65.44 -4.48 -4.38	100.68 -7.05 -2.96	114.16 -9.00 -0.50	96.51 -8.31 -0.86	59.90 -5.70 -5.31	118.24 -13.50 0.19	63.96 -5.50 -13.96	86.34 -9.02 -5.71	50.64 -4.50 -11.97	53.63 -4.19 -13.64	63.25 -2.90 -14.22	132.52 -6.60 0.00	141.13 -5.08 0.00	149.05 -4.71 0.00	169.37 -8.09 0.00	185.12 -13.21 0.00	137.99 -8.95 0.00	134.96 -8.23 0.00	130.57 -7.88 0.00
MCINTYRE_115KV_TB2 80467	130.75 0.34 0.00	135.95 -0.11 0.00	122.04 -0.46 0.00	97.10 -0.68 15.37	34.26 -0.56 54.44	47.14 -0.60 17.79	121.32 0.03 -16.52	143.31 1.72 -18.93	98.75 -1.01 4.20	69.24 -1.45 -10.40	83.33 -3.20 45.40	10.77 -1.72 43.01	90.49 -1.50 -2.35	51.05 -0.59 -8.48	13.99 -0.92 29.27	7.43 -1.69 42.80	136.09 -3.03 0.00	148.05 1.85 0.00	156.09 2.33 0.00	180.58 3.12 0.00	201.47 3.14 0.00	146.17 -0.77 0.00	142.61 -0.58 0.00	138.92 0.47 0.00
MECO_____69_KV_BK1 80468	140.50 10.08 0.00	146.46 10.40 0.00	131.80 9.30 0.00	121.61 8.46 0.00	95.87 6.60 0.00	172.30 5.13 -101.64	223.98 8.80 -110.41	151.63 10.29 -18.68	144.15 8.06 -32.12	116.13 4.22 -51.61	141.46 9.53 0.00	144.92 3.83 -85.59	130.59 5.93 -35.01	119.28 2.72 -73.40	130.39 2.85 -83.36	141.99 3.65 -86.41	150.63 11.51 0.00	159.05 12.84 0.00	167.58 13.82 0.00	193.35 15.89 0.00	215.51 17.18 0.00	159.89 12.95 0.00	155.42 12.23 0.00	149.94 11.49 0.00
MENANDS___115KV_TB5 355628	136.33 5.92 0.00	142.14 6.08 0.00	128.20 5.70 0.00	118.55 5.40 0.00	93.61 4.34 0.00	136.36 3.13 -67.70	178.74 4.37 -69.60	139.43 5.00 -11.78	128.93 4.71 -20.25	103.90 2.99 -40.61	137.97 6.04 0.00	135.33 2.62 -77.21	125.39 4.16 -31.59	111.50 2.13 -66.21	121.48 2.09 -75.20	132.13 2.25 -77.96	144.60 5.48 0.00	150.72 4.51 0.00	158.06 4.30 0.00	182.17 4.71 0.00	204.09 5.76 0.00	152.26 5.32 0.00	148.44 5.25 0.00	143.51 5.06 0.00
MG INDUSTRY___DRP 24185	135.93 5.52 0.00	141.75 5.68 0.00	127.90 5.41 0.00	118.24 5.09 0.00	93.27 4.01 0.00	112.06 2.88 -43.64	149.36 4.06 -40.54	134.10 4.59 -6.86	119.82 4.06 -11.80	96.70 2.49 -33.91	136.92 4.99 0.00	133.16 2.10 -75.56	123.90 3.35 -30.91	109.63 1.67 -64.79	119.42 1.64 -73.59	130.17 1.95 -76.29	144.08 4.96 0.00	150.41 4.20 0.00	157.83 4.06 0.00	181.94 4.48 0.00	203.81 5.48 0.00	151.94 5.00 0.00	148.17 4.98 0.00	143.34 4.89 0.00



MID___OSWEGATCHIE_HYD 23849	128.60 -1.81 0.00	133.75 -2.31 0.00	119.95 -2.54 0.00	100.94 -2.49 9.72	53.02 -1.98 34.27	54.51 -1.58 9.44	117.33 -1.59 -14.15	138.30 -0.57 -16.21	102.40 -1.95 -0.39	68.23 -1.61 -9.55	102.10 -3.65 26.18	29.25 -1.67 24.58	92.58 -2.24 -5.18	51.16 -0.95 -8.95	27.16 -1.21 15.81	25.23 -1.92 24.78	135.03 -4.09 0.00	145.44 -0.77 0.00	152.52 -1.24 0.00	175.79 -1.67 0.00	196.32 -2.01 0.00	144.09 -2.85 0.00	143.10 -0.09 0.00	140.18 1.73 0.00
MID___RAQUETTE_HYD 23851	128.17 -2.24 0.00	133.23 -2.83 0.00	119.54 -2.95 0.00	95.56 -3.02 14.57	35.49 -2.39 51.39	49.00 -2.01 14.51	123.14 -2.32 -20.69	145.41 -0.95 -23.71	101.28 -2.84 -0.16	71.60 -2.12 -13.43	87.77 -4.58 39.58	14.46 -2.23 38.81	93.75 -2.48 -6.59	53.58 -1.12 -11.54	16.96 -1.58 25.65	10.18 -2.67 39.08	132.85 -6.27 0.00	143.94 -2.27 0.00	151.39 -2.38 0.00	174.98 -2.48 0.00	195.47 -2.86 0.00	142.23 -4.71 0.00	139.51 -3.69 0.00	136.43 -2.02 0.00
MILLIKEN___1 23584	130.98 0.57 0.00	136.58 0.51 0.00	123.13 0.63 0.00	113.67 0.52 0.00	89.68 0.42 0.00	70.68 0.67 -4.48	109.18 1.29 -3.12	124.61 1.42 -0.53	105.94 1.07 -0.91	65.85 0.29 -5.27	131.86 -0.31 -0.24	69.10 -0.10 -13.70	94.95 -0.29 -5.60	54.67 -0.24 -11.75	57.35 -0.19 -13.36	65.80 0.01 -13.87	139.84 0.73 0.00	147.51 1.30 0.00	155.96 2.19 0.00	180.25 2.79 0.00	200.21 1.88 -0.01	148.50 1.56 0.00	144.55 1.36 0.00	139.33 0.88 0.00
MILLIKEN___2 23585	130.98 0.57 0.00	136.58 0.51 0.00	123.13 0.63 0.00	113.67 0.52 0.00	89.68 0.42 0.00	70.68 0.67 -4.48	109.18 1.29 -3.12	124.61 1.42 -0.53	105.94 1.07 -0.91	65.85 0.29 -5.27	131.86 -0.31 -0.24	69.10 -0.10 -13.70	94.95 -0.29 -5.60	54.67 -0.24 -11.75	57.35 -0.19 -13.36	65.80 0.01 -13.87	139.84 0.73 0.00	147.51 1.30 0.00	155.96 2.19 0.00	180.25 2.79 0.00	200.21 1.88 -0.01	148.50 1.56 0.00	144.55 1.36 0.00	139.33 0.88 0.00
MILLIKEN___DIESEL 23629	130.98 0.57 0.00	136.58 0.51 0.00	123.13 0.63 0.00	113.67 0.52 0.00	89.68 0.42 0.00	70.68 0.67 -4.48	109.18 1.29 -3.12	124.61 1.42 -0.53	105.94 1.07 -0.91	65.85 0.29 -5.27	131.86 -0.31 -0.24	69.10 -0.10 -13.70	94.95 -0.29 -5.60	54.67 -0.24 -11.75	57.35 -0.19 -13.36	65.80 0.01 -13.87	139.84 0.73 0.00	147.51 1.30 0.00	155.96 2.19 0.00	180.25 2.79 0.00	200.21 1.88 -0.01	148.50 1.56 0.00	144.55 1.36 0.00	139.33 0.88 0.00
MILLSEAT___LFGE 323607	122.16 -8.25 0.00	126.93 -9.14 0.00	114.94 -7.55 0.00	105.77 -7.38 0.00	83.14 -6.13 0.00	63.15 -4.20 -1.81	98.21 -6.56 0.00	113.52 -9.14 0.00	96.68 -7.28 0.00	59.88 -4.13 -3.72	121.79 -10.08 0.06	61.54 -4.32 -10.36	86.14 -7.74 -4.24	47.84 -4.16 -8.88	50.12 -4.86 -10.10	57.57 -12.21 -10.50	126.90 -12.26 0.00	133.95 -12.60 0.00	141.17 -12.67 0.00	165.32 -12.14 0.00	182.49 -15.84 0.00	135.90 -11.04 0.00	131.71 -11.48 0.00	127.70 -10.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	139.17 8.75 0.00	145.08 9.01 0.00	130.58 8.08 0.00	120.54 7.39 0.00	95.05 5.78 0.00	86.80 4.31 -16.96	121.34 6.40 -10.18	131.97 7.59 -1.72	113.77 6.85 -2.96	87.51 4.10 -23.12	141.28 9.35 0.00	122.22 4.24 -62.48	121.97 6.76 -25.56	100.03 3.28 -53.58	108.39 3.35 -60.86	119.14 4.14 -63.08	149.83 10.71 0.00	155.73 9.52 0.00	163.35 9.59 0.00	187.40 9.93 0.00	209.96 11.63 0.00	156.93 9.99 0.00	153.12 9.93 0.00	147.68 9.23 0.00
MILLWOOD_13_KV_LOAD 356217	139.34 8.93 0.00	145.29 9.23 0.00	130.74 8.24 0.00	120.70 7.55 0.00	95.16 5.89 0.00	86.90 4.40 -16.96	121.48 6.54 -10.18	132.18 7.81 -1.72	113.94 7.01 -2.96	87.61 4.20 -23.12	141.44 9.51 0.00	122.29 4.30 -62.48	122.08 6.87 -25.56	100.08 3.33 -53.58	108.44 3.41 -60.86	119.22 4.21 -63.08	150.06 10.94 0.00	155.98 9.77 0.00	163.64 9.87 0.00	187.72 10.26 0.00	210.34 12.01 0.00	157.19 10.25 0.00	153.33 10.14 0.00	147.86 9.41 0.00
MODEL_CITY_ENERGY 24167	117.46 -12.95 0.00	122.21 -13.86 0.00	110.78 -11.72 0.00	101.88 -11.27 0.00	79.97 -9.30 0.00	60.74 -6.69 -1.90	93.94 -10.82 0.00	107.96 -14.69 0.00	92.08 -11.88 0.00	57.48 -6.71 -3.89	116.22 -15.65 0.07	59.69 -6.63 -10.82	82.72 -11.35 -4.43	46.44 -6.00 -9.28	48.71 -6.02 -10.56	55.86 -7.04 -10.97	120.63 -18.49 0.00	127.01 -19.21 0.00	133.66 -20.10 0.00	156.86 -20.59 0.00	173.22 -25.10 0.00	129.41 -17.53 0.00	125.73 -17.46 0.00	122.30 -16.15 0.00
MODERN_LFGE___ 323580	117.46 -12.95 0.00	122.21 -13.86 0.00	110.78 -11.72 0.00	101.88 -11.27 0.00	79.97 -9.30 0.00	60.74 -6.69 -1.90	93.94 -10.82 0.00	107.96 -14.69 0.00	92.08 -11.88 0.00	57.48 -6.71 -3.89	116.22 -15.65 0.07	59.69 -6.63 -10.82	82.72 -11.35 -4.43	46.44 -6.00 -9.28	48.71 -6.02 -10.56	55.86 -7.04 -10.97	120.63 -18.49 0.00	127.01 -19.21 0.00	133.66 -20.10 0.00	156.86 -20.59 0.00	173.22 -25.10 0.00	129.41 -17.53 0.00	125.73 -17.46 0.00	122.30 -16.15 0.00
MOHAWK_PAPER___DRP 24187	137.05 6.64 0.00	142.87 6.80 0.00	128.80 6.30 0.00	119.05 5.90 0.00	93.97 4.71 0.00	139.36 3.46 -70.37	182.62 5.02 -72.83	140.74 5.76 -12.32	130.47 5.31 -21.19	104.95 3.31 -41.35	138.74 6.81 0.00	135.81 2.94 -77.37	125.95 4.65 -31.65	111.84 2.33 -66.35	121.87 2.33 -75.36	132.64 2.59 -78.12	145.62 6.50 0.00	151.89 5.68 0.00	159.31 5.54 0.00	183.66 6.20 0.00	205.69 7.36 0.00	153.40 6.45 0.00	149.50 6.31 0.00	144.46 6.00 0.00
MOHICAN___35_KV_115KV_LD 80490	142.85 12.43 0.00	148.84 12.78 0.00	133.95 11.45 0.00	123.70 10.55 0.00	97.64 8.38 0.00	173.73 6.54 -101.66	225.98 10.53 -110.68	153.62 12.23 -18.73	146.68 10.51 -32.20	116.42 6.13 -49.99	145.13 13.20 0.00	140.25 5.43 -79.31	130.83 8.74 -32.45	115.30 4.13 -68.01	125.84 4.40 -77.25	137.29 5.28 -80.08	153.37 14.25 0.00	160.46 14.25 0.00	168.23 14.47 0.00	194.19 16.73 0.00	217.00 18.67 0.00	161.48 14.53 0.00	157.43 14.23 0.00	152.10 13.64 0.00
MONGAUP___HYD 23641	139.70 9.29 0.00	145.71 9.65 0.00	131.10 8.61 0.00	121.00 7.84 0.00	95.36 6.10 0.00	85.27 4.19 -15.56	119.34 5.28 -9.30	130.45 6.21 -1.57	111.93 5.26 -2.71	85.24 3.69 -21.26	139.33 7.40 0.00	116.17 3.20 -57.47	118.18 5.02 -23.51	94.89 2.45 -49.28	102.67 2.51 -55.97	113.18 3.23 -58.02	147.87 8.75 0.00	153.87 7.66 0.00	161.88 8.11 0.00	186.08 8.62 0.00	208.31 9.98 0.00	157.22 10.28 0.00	154.03 10.83 0.00	148.39 9.94 0.00
MONTAUK___DIESEL 23721	139.94 9.52 0.00	146.08 10.01 0.00	131.74 9.25 0.00	121.88 8.73 0.00	96.54 7.27 0.00	206.40 7.74 -133.12	173.89 14.31 -54.80	187.72 18.09 -46.97	149.80 15.35 -30.48	97.91 8.36 -29.25	149.22 17.29 0.00	125.61 7.27 -62.84	137.27 11.80 -35.83	114.94 5.55 -66.24	110.88 5.50 -61.20	121.25 4.86 -64.46	151.16 12.04 0.00	157.42 11.21 0.00	165.28 11.52 0.00	188.97 11.51 0.00	210.82 12.49 0.00	157.68 10.74 0.00	154.07 10.88 0.00	149.09 10.64 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	122.03 -8.38 0.00	126.89 -9.17 0.00	114.87 -7.63 0.00	105.79 -7.36 0.00	83.23 -6.03 0.00	65.34 -3.97 -3.78	101.38 -5.92 -2.53	115.16 -7.76 -0.26	97.80 -6.16 0.00	61.02 -3.69 -4.41	122.33 -9.51 0.09	63.62 -4.14 -12.25	87.47 -7.19 -5.01	49.71 -3.96 -10.51	52.24 -3.89 -11.95	59.84 -4.52 -12.43	127.73 -11.39 0.00	135.03 -11.18 0.00	143.03 -10.73 0.00	167.17 -10.29 0.00	184.65 -13.68 0.00	138.26 -8.68 0.00	135.20 -8.00 0.00	129.53 -8.92 0.00



MORRIS_RIDGE___SOLAR 323848	123.09 -7.33 0.00	127.90 -8.16 0.00	115.64 -6.86 0.00	106.35 -6.80 0.00	83.41 -5.86 0.00	65.60 -4.17 -4.24	101.02 -6.59 -2.85	114.55 -8.59 -0.48	96.89 -7.90 -0.82	60.19 -5.26 -5.16	119.72 -12.08 0.13	64.25 -4.82 -13.57	87.39 -7.81 -5.55	50.83 -3.97 -11.64	53.67 -3.78 -13.26	62.00 -3.76 -13.83	129.89 -9.23 0.00	137.42 -8.79 0.00	144.90 -8.86 0.00	167.14 -10.32 0.00	183.74 -14.59 0.00	137.17 -9.77 0.00	133.85 -9.34 0.00	129.22 -9.23 0.00
MORTIMER_115KV_TB3 55949	123.19 -7.22 0.00	128.21 -7.86 0.00	115.87 -6.62 0.00	106.83 -6.32 0.00	84.17 -5.10 0.00	63.74 -3.36 -1.57	99.54 -5.22 0.00	115.87 -6.79 0.00	98.53 -5.44 0.00	60.48 -3.07 -3.25	124.40 -7.49 0.05	61.58 -2.99 -9.07	87.86 -5.49 -3.71	48.05 -2.89 -7.78	50.12 -2.91 -8.84	57.74 -3.38 -9.19	130.28 -8.84 0.00	137.14 -9.07 0.00	144.33 -9.43 0.00	168.08 -9.38 0.00	186.45 -11.88 0.00	138.42 -8.52 0.00	134.41 -8.78 0.00	129.89 -8.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	140.14 9.72 0.00	146.12 10.05 0.00	131.45 8.96 0.00	121.33 8.18 0.00	95.64 6.38 0.00	87.36 4.77 -17.06	122.00 7.00 -10.23	132.68 8.29 -1.73	114.47 7.53 -2.98	88.12 4.57 -23.26	142.48 10.55 0.00	123.16 4.80 -62.86	123.03 7.67 -25.72	100.79 3.72 -53.91	109.18 3.77 -61.23	120.02 4.63 -63.47	151.09 11.97 0.00	156.83 10.62 0.00	164.49 10.73 0.00	188.52 11.06 0.00	211.34 13.01 0.00	158.01 11.07 0.00	154.24 11.05 0.00	148.72 10.27 0.00
MUNSVILLE_WIND_PWR 323609	135.43 5.01 0.00	141.02 4.95 0.00	127.08 4.58 0.00	117.40 4.25 0.00	92.64 3.38 0.00	77.47 3.08 -8.86	117.50 5.57 -7.15	130.70 6.84 -1.21	111.27 5.23 -2.08	70.49 1.77 -8.43	134.89 2.84 -0.12	76.87 1.14 -20.23	99.57 1.65 -8.28	61.18 0.67 -17.35	64.79 0.89 -19.71	74.11 1.73 -20.45	145.12 6.00 0.00	154.32 8.10 0.00	163.21 9.45 0.00	188.24 10.78 0.00	208.79 10.46 0.00	154.49 7.54 0.00	150.03 6.84 0.00	145.60 7.15 0.00
N SALMON___HYD 24042	129.18 -1.23 0.00	134.31 -1.76 0.00	120.61 -1.89 0.00	94.25 -1.81 17.10	30.04 -1.47 57.75	75.52 -1.35 -11.34	191.27 -1.24 -87.74	222.59 -0.59 -100.52	154.89 -1.39 -52.31	115.63 -1.10 -56.44	126.78 -2.03 3.13	18.34 -1.26 35.91	144.71 -1.54 -56.61	87.40 -0.78 -45.01	24.99 -1.00 18.19	8.28 -1.34 42.31	137.47 -1.65 0.00	147.64 1.43 0.00	155.02 1.26 0.00	178.77 1.31 0.00	200.39 2.06 0.00	146.42 -0.53 0.00	142.25 -0.94 0.00	138.02 -0.43 0.00
N.AKRON__115KV_KNAPP 355671	121.14 -9.27 0.00	125.92 -10.15 0.00	114.10 -8.40 0.00	105.01 -8.15 0.00	82.47 -6.80 0.00	62.59 -4.78 -1.83	97.19 -7.58 0.00	112.19 -10.47 0.00	95.63 -8.33 0.00	59.32 -4.74 -3.77	120.46 -11.41 0.07	61.12 -4.86 -10.48	85.39 -8.54 -4.29	47.54 -4.61 -8.99	49.82 -4.58 -10.22	57.24 -5.32 -10.63	125.50 -13.62 0.00	132.34 -13.87 0.00	139.35 -14.42 0.00	163.39 -14.07 0.00	180.29 -18.04 0.00	134.38 -12.56 0.00	130.33 -12.86 0.00	126.40 -12.05 0.00
N.BELMOR_69_KV_BK1 55787	141.49 11.08 0.00	147.62 11.55 0.00	132.94 10.45 0.00	122.86 9.71 0.00	97.02 7.75 0.00	197.40 5.84 -126.03	150.30 8.81 -36.73	151.19 10.49 -18.04	137.74 9.33 -24.45	94.99 5.45 -29.25	144.04 12.10 0.00	123.82 5.48 -62.84	134.34 8.87 -35.83	113.64 4.24 -66.24	109.63 4.24 -61.20	121.71 5.33 -64.46	152.79 13.68 0.00	158.09 11.88 0.00	165.99 12.22 0.00	190.28 12.82 0.00	212.91 14.59 0.00	159.37 12.43 0.00	155.65 12.45 0.00	150.40 11.95 0.00
N.E_GEN_SANDY PD 24062	153.96 7.87 -15.68	144.11 8.05 0.00	129.81 7.32 0.00	119.89 6.74 0.00	108.46 5.32 -13.88	113.21 3.96 -43.72	138.38 5.84 -27.77	135.17 6.59 -5.92	118.61 5.99 -8.66	94.51 3.62 -30.60	139.62 7.69 0.00	129.83 3.37 -70.96	124.04 5.37 -29.03	106.64 2.63 -60.85	116.03 2.73 -69.11	126.85 3.28 -71.64	147.34 8.22 0.00	153.37 7.16 0.00	159.59 6.98 1.15	185.69 7.78 -0.45	207.73 9.41 0.00	154.34 8.31 0.91	151.53 8.34 0.00	145.76 7.80 0.49
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	138.78 8.36 0.00	144.66 8.59 0.00	130.17 7.67 0.00	120.17 7.02 0.00	94.78 5.52 0.00	86.06 4.09 -16.43	120.66 6.05 -9.84	131.46 7.14 -1.67	113.21 6.39 -2.86	86.56 3.84 -22.43	140.68 8.75 0.00	120.14 4.00 -60.63	120.79 6.34 -24.81	98.26 3.10 -52.00	106.41 3.17 -59.06	117.09 3.95 -61.22	149.42 10.30 0.00	155.40 9.19 0.00	162.98 9.22 0.00	187.03 9.57 0.00	209.51 11.18 0.00	156.57 9.62 0.00	152.64 9.45 0.00	147.20 8.75 0.00
N.QUEENS_27_KV_LOAD 356247	140.83 10.41 0.00	146.34 10.27 0.00	131.56 9.06 0.00	121.50 8.35 0.00	95.51 6.25 0.00	87.32 4.72 -17.06	122.13 7.13 -10.23	133.22 8.83 -1.73	115.06 8.12 -2.98	88.42 4.87 -23.26	143.30 11.35 -0.02	123.55 5.16 -62.88	123.64 8.26 -25.74	101.06 3.98 -53.91	109.48 4.07 -61.23	120.34 4.94 -63.47	151.85 12.73 0.00	157.42 11.21 0.00	164.95 11.18 -0.01	188.95 11.49 0.00	212.03 13.70 0.00	158.69 11.75 0.00	154.74 11.54 -0.01	149.05 10.60 0.00
N.TROY___115KV_TB1 355778	137.89 7.48 0.00	143.77 7.71 0.00	129.43 6.93 0.00	119.57 6.42 0.00	94.36 5.09 0.00	154.59 3.88 -85.18	201.40 5.82 -90.80	144.61 6.58 -15.36	136.24 5.86 -26.42	109.16 3.55 -45.31	139.40 7.47 0.00	136.51 3.18 -77.83	126.54 5.06 -31.84	112.36 2.45 -66.75	122.55 2.56 -75.81	133.51 3.00 -78.58	146.75 7.63 0.00	153.18 6.97 0.00	160.60 6.84 0.00	185.30 7.84 0.00	207.68 9.35 0.00	154.75 7.81 0.00	150.92 7.73 0.00	145.77 7.32 0.00
NARROWS_GT1_1 24228	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT1_2 24229	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT1_3 24230	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT1_4 24231	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92



NARROWS_GT1_5 24232	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT1_6 24233	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT1_7 24234	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT1_8 24235	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_1 24236	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_2 24237	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_3 24238	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_4 24239	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_5 24240	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_6 24241	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_7 24242	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NARROWS_GT2_8 24243	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	542.11 11.67 -398.51	450.53 5.22 -389.81	387.42 8.32 -289.45	229.29 4.08 -182.04	293.11 4.19 -244.74	505.31 5.12 -448.27	697.71 13.20 -545.40	728.02 11.80 -570.01	933.43 12.12 -767.55	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	140.30 9.88 0.00	146.10 10.03 0.00	131.87 9.38 0.00	121.95 8.80 0.00	96.31 7.05 0.00	112.77 4.98 -42.26	151.43 7.42 -39.24	138.12 8.82 -6.64	122.91 7.53 -11.42	97.54 4.39 -32.86	140.58 8.64 0.00	132.29 3.54 -73.24	125.33 5.72 -29.96	108.80 2.83 -62.81	118.31 2.79 -71.34	129.12 3.25 -73.95	148.16 9.04 0.00	155.29 9.08 0.00	163.17 9.41 0.00	188.17 10.71 0.00	210.37 12.04 0.00	156.52 9.58 0.00	152.38 9.19 0.00	147.55 9.10 0.00
NCHELSEA_115KV_TR2 355582	140.38 9.97 0.00	146.42 10.35 0.00	131.78 9.28 0.00	121.68 8.53 0.00	95.88 6.62 0.00	87.86 4.95 -17.38	122.98 7.61 -10.60	133.47 9.02 -1.79	115.00 7.95 -3.09	88.33 4.68 -23.36	142.30 10.37 0.00	123.04 4.60 -62.94	122.76 7.37 -25.75	100.69 3.56 -53.97	109.14 3.66 -61.30	119.99 4.52 -63.54	151.05 11.93 0.00	157.30 11.09 0.00	165.14 11.37 0.00	189.64 12.18 0.00	212.34 14.01 0.00	158.57 11.63 0.00	154.59 11.39 0.00	148.99 10.54 0.00
NEG CAPITAL___MECHNVIL 23645	140.17 9.75 0.00	146.13 10.07 0.00	131.54 9.04 0.00	121.50 8.34 0.00	95.87 6.60 0.00	167.21 5.07 -96.61	217.37 8.00 -104.60	149.58 9.22 -17.70	142.40 8.00 -30.43	113.57 4.74 -48.55	142.12 10.19 0.00	138.57 4.27 -78.80	128.71 6.83 -32.24	113.99 3.25 -67.58	124.39 3.46 -76.75	135.58 4.09 -79.56	149.94 10.82 0.00	156.80 10.59 0.00	164.43 10.66 0.00	189.69 12.23 0.00	212.18 13.85 0.00	157.99 11.05 0.00	153.88 10.69 0.00	148.55 10.10 0.00



NEG CENTRAL_HIGH_ACRES 23767	122.29 -8.12 0.00	127.36 -8.71 0.00	115.04 -7.46 0.00	106.11 -7.04 0.00	83.65 -5.62 0.00	63.36 -3.69 -1.53	99.10 -5.66 0.00	115.51 -7.15 0.00	98.12 -5.84 0.00	60.12 -3.33 -3.16	123.89 -8.01 0.03	61.03 -3.28 -8.81	87.42 -5.84 -3.61	47.65 -3.07 -7.56	49.67 -3.11 -8.59	57.25 -3.61 -8.93	129.69 -9.43 0.00	136.44 -9.77 0.00	143.63 -10.13 0.00	166.92 -10.54 0.00	185.13 -13.20 0.00	137.44 -9.50 0.00	133.44 -9.75 0.00	128.94 -9.51 0.00
NEG CENTRAL___DRP 24199	127.04 -3.37 0.00	132.41 -3.65 0.00	119.47 -3.02 0.00	110.29 -2.86 0.00	87.08 -2.18 0.00	66.10 -1.08 -1.66	103.13 -1.63 0.00	120.25 -2.41 0.00	101.98 -1.98 0.00	62.55 -1.15 -3.40	128.01 -3.86 0.05	63.50 -1.48 -9.48	91.02 -2.50 -3.88	49.98 -1.30 -8.13	52.17 -1.25 -9.24	60.20 -1.34 -9.61	135.56 -3.56 0.00	142.98 -3.23 0.00	150.97 -2.79 0.00	174.54 -2.92 0.00	193.66 -4.67 0.00	143.71 -3.23 0.00	139.87 -3.32 0.00	134.80 -3.66 0.00
NEG CENTRAL___INDECK 23768	128.72 -1.69 0.00	133.77 -2.29 0.00	120.86 -1.63 0.00	111.26 -1.89 0.00	87.46 -1.80 0.00	66.07 -1.59 -2.13	101.38 -3.39 0.00	116.77 -5.88 0.00	98.92 -5.04 0.00	61.03 -3.59 -4.33	121.98 -9.83 0.12	63.63 -3.88 -12.00	87.57 -6.99 -4.91	49.88 -3.57 -10.30	52.50 -3.41 -11.73	60.72 -3.43 -12.22	131.35 -7.77 0.00	140.40 -5.81 0.00	147.27 -6.49 0.00	171.69 -5.77 0.00	196.68 -1.65 0.00	145.01 -1.93 0.00	140.61 -2.58 0.00	135.62 -2.83 0.00
NEG CENTRAL___SENECA 23627	126.60 -3.82 0.00	131.90 -4.16 0.00	119.02 -3.47 0.00	109.87 -3.28 0.00	86.79 -2.47 0.00	66.25 -1.10 -1.82	102.98 -1.79 0.00	119.84 -2.82 0.00	101.61 -2.36 0.00	62.71 -1.30 -3.72	127.18 -4.66 0.10	64.07 -1.78 -10.34	91.05 -2.83 -4.23	50.54 -1.50 -8.87	52.89 -1.38 -10.09	61.00 -1.43 -10.50	134.95 -4.17 0.00	142.57 -3.64 0.00	150.56 -3.20 0.00	173.99 -3.47 0.00	192.86 -5.47 0.00	143.17 -3.77 0.00	139.22 -3.98 0.00	134.15 -4.30 0.00
NEG CENTRAL___STATE_STREET 24147	128.59 -1.83 0.00	134.05 -2.02 0.00	120.84 -1.66 0.00	111.55 -1.60 0.00	88.05 -1.21 0.00	66.61 -0.55 -1.62	104.05 -0.72 0.00	121.54 -1.12 0.00	103.10 -0.87 0.00	63.04 -0.59 -3.34	129.89 -2.07 -0.03	63.99 -0.79 -9.28	91.87 -1.58 -3.80	50.29 -0.83 -7.96	52.42 -0.82 -9.05	60.45 -0.87 -9.40	137.50 -1.62 0.00	144.63 -1.58 0.00	153.14 -0.63 0.00	177.10 -0.36 0.00	196.19 -2.13 0.00	145.50 -1.44 0.00	141.95 -1.24 0.00	136.58 -1.88 0.00
NEG MILLWOOD___DRP 24198	141.08 10.67 0.00	147.12 11.05 0.00	132.47 9.98 0.00	122.30 9.15 0.00	96.42 7.15 0.00	88.34 5.39 -17.41	123.62 8.31 -10.55	134.33 9.89 -1.79	115.76 8.73 -3.07	88.97 5.13 -23.54	143.37 11.44 0.00	124.08 5.06 -63.51	123.73 8.10 -25.98	101.53 3.90 -54.47	110.04 4.00 -61.86	120.96 4.91 -64.13	152.09 12.97 0.00	158.36 12.15 0.00	166.29 12.53 0.00	190.91 13.45 0.00	213.65 15.32 0.00	159.59 12.65 0.00	155.59 12.40 0.00	149.87 11.42 0.00
NEG NORTH_FLCN_SEA 23793	127.99 -2.42 0.00	133.21 -2.86 0.00	119.66 -2.84 0.00	91.81 -3.07 18.27	16.08 -2.75 70.43	-21.02 -2.24 84.32	-21.17 -3.09 122.85	-21.15 -3.06 140.75	-20.73 -3.13 121.57	-21.18 -2.10 79.37	-21.06 -4.52 148.47	-20.84 -2.26 74.08	-21.46 -3.27 107.84	-21.41 -1.55 63.02	-20.84 -1.62 63.41	-10.46 -1.97 60.42	135.61 -3.51 0.00	145.25 -0.95 0.00	152.28 -1.48 0.00	174.76 -2.70 0.00	196.01 -2.32 0.00	143.95 -2.99 0.00	139.59 -3.61 0.00	135.19 -3.26 0.00
NEG NORTH_KES_CHATEGAY 23792	126.33 -4.09 0.00	131.44 -4.62 0.00	118.12 -4.38 0.00	91.13 -4.06 17.96	16.35 -3.28 69.64	-24.76 -2.77 87.53	-30.19 -3.81 131.15	-31.54 -3.94 150.26	-28.09 -4.03 128.03	-26.99 -2.55 84.74	-26.25 -5.19 152.99	-21.65 -2.57 74.58	-28.24 -3.80 114.09	-25.95 -1.83 67.29	-22.28 -2.00 64.46	-10.54 -2.32 60.15	134.86 -4.26 0.00	144.66 -1.55 0.00	151.78 -1.98 0.00	174.82 -2.64 0.00	196.27 -2.06 0.00	143.62 -3.32 0.00	139.18 -4.01 0.00	134.77 -3.68 0.00
NEG NORTH___ALICE_FALLS 23915	128.61 -1.80 0.00	133.78 -2.29 0.00	120.18 -2.32 0.00	92.51 -2.42 18.22	16.83 -2.13 70.31	-21.05 -1.76 84.83	-21.59 -2.19 124.17	-21.63 -2.03 142.25	-20.93 -2.30 122.59	-21.54 -1.61 80.22	-20.68 -3.42 149.19	-20.47 -1.81 74.16	-21.76 -2.58 108.83	-21.78 -1.24 63.70	-20.71 -1.32 63.57	-10.02 -1.58 60.37	136.89 -2.23 0.00	146.68 0.47 0.00	153.88 0.11 0.00	176.92 -0.55 0.00	198.39 0.06 0.00	145.52 -1.42 0.00	141.04 -2.15 0.00	136.55 -1.90 0.00
NEG NORTH___LWR_SARANAC 23913	128.61 -1.80 0.00	133.78 -2.29 0.00	120.18 -2.32 0.00	92.51 -2.42 18.22	16.83 -2.13 70.31	-21.05 -1.76 84.83	-21.59 -2.19 124.17	-21.63 -2.03 142.25	-20.93 -2.30 122.59	-21.54 -1.61 80.22	-20.68 -3.42 149.19	-20.47 -1.81 74.16	-21.76 -2.58 108.83	-21.78 -1.24 63.70	-20.71 -1.32 63.57	-10.02 -1.58 60.37	136.89 -2.23 0.00	146.68 0.47 0.00	153.88 0.11 0.00	176.92 -0.55 0.00	198.39 0.06 0.00	145.52 -1.42 0.00	141.04 -2.15 0.00	136.55 -1.90 0.00
NEG NORTH___PLATTSBURG 23628	128.61 -1.80 0.00	133.78 -2.28 0.00	120.18 -2.32 0.00	92.51 -2.42 18.22	16.84 -2.12 70.31	-21.06 -1.77 84.83	-21.62 -2.22 124.17	-21.66 -2.06 142.25	-20.95 -2.32 122.59	-21.54 -1.61 80.22	-20.68 -3.42 149.19	-20.47 -1.81 74.16	-21.76 -2.58 108.83	-21.78 -1.24 63.70	-20.72 -1.33 63.57	-10.02 -1.58 60.37	136.89 -2.22 0.00	146.68 0.47 0.00	153.88 0.12 0.00	176.93 -0.53 0.00	198.39 0.06 0.00	145.52 -1.42 0.00	141.04 -2.15 0.00	136.55 -1.90 0.00
NEG WEST_LEA_LOCKPORT 23791	118.27 -12.15 0.00	122.91 -13.15 0.00	111.42 -11.07 0.00	102.51 -10.64 0.00	80.37 -8.89 0.00	61.00 -6.41 -1.88	94.40 -10.37 0.00	108.77 -13.89 0.00	92.71 -11.26 0.00	57.77 -6.38 -3.86	116.95 -14.92 0.07	59.96 -6.28 -10.73	83.20 -10.83 -4.39	46.68 -5.69 -9.20	48.95 -5.71 -10.47	56.19 -6.62 -10.89	121.75 -17.36 0.00	128.20 -18.01 0.00	134.94 -18.82 0.00	158.39 -19.07 0.00	174.79 -23.53 0.00	130.51 -16.43 0.00	126.76 -16.43 0.00	123.08 -15.37 0.00
NEG WEST___LANCASTER 23811	124.46 -5.95 0.00	129.40 -6.67 0.00	117.20 -5.29 0.00	107.87 -5.28 0.00	84.81 -4.45 0.00	66.28 -3.03 -3.78	102.48 -4.83 -2.53	116.35 -6.57 -0.26	98.54 -5.42 0.00	61.53 -3.17 -4.41	124.29 -7.56 0.09	64.47 -3.28 -12.25	89.05 -5.60 -5.01	50.44 -3.23 -10.50	53.16 -2.98 -11.95	61.02 -3.33 -12.42	130.94 -8.18 0.00	137.78 -8.42 0.00	145.07 -8.69 0.00	169.55 -7.91 0.00	187.32 -11.01 0.00	139.71 -7.23 0.00	135.99 -7.20 0.00	131.60 -6.85 0.00
NEG_PENN_ALLEGHNY 23528	129.74 -0.67 0.00	135.28 -0.79 0.00	122.00 -0.50 0.00	112.63 -0.52 0.00	88.75 -0.51 0.00	72.27 -0.17 -6.91	109.36 -0.21 -4.81	123.32 -0.16 -0.81	105.31 -0.05 -1.40	68.17 -0.24 -8.12	130.91 -0.98 0.04	76.16 -0.37 -21.02	97.59 -0.65 -8.60	60.70 -0.49 -18.03	64.28 -0.38 -20.48	72.79 -0.39 -21.25	138.37 -0.75 0.00	145.17 -1.04 0.00	152.95 -0.81 0.00	176.61 -0.85 0.00	196.68 -1.65 0.00	146.26 -0.68 0.00	142.53 -0.66 0.00	137.50 -0.95 0.00
NEG___GEN_MONROE 24207	124.02 -6.39 0.00	129.02 -7.04 0.00	116.69 -5.81 0.00	107.53 -5.62 0.00	84.71 -4.56 0.00	64.16 -2.96 -1.59	100.23 -4.54 0.00	116.58 -6.07 0.00	99.12 -4.84 0.00	60.80 -2.77 -3.28	124.96 -6.92 0.05	61.80 -2.85 -9.14	88.04 -5.34 -3.74	48.13 -2.88 -7.84	50.24 -2.86 -8.92	57.87 -3.32 -9.27	130.69 -8.43 0.00	137.85 -8.36 0.00	145.25 -8.52 0.00	169.30 -8.16 0.00	187.61 -10.72 0.00	139.30 -7.64 0.00	135.15 -8.04 0.00	130.58 -7.87 0.00



NEPA__ENERGY 23901	121.04 -9.38 0.00	126.00 -10.07 0.00	114.12 -8.38 0.00	105.05 -8.10 0.00	82.69 -6.58 0.00	64.87 -4.47 -3.81	100.14 -7.19 -2.56	114.03 -9.06 -0.43	97.37 -7.33 -0.74	60.60 -4.38 -4.69	121.36 -10.48 0.09	63.33 -4.52 -12.35	87.20 -7.49 -5.05	49.74 -4.02 -10.59	52.41 -3.82 -12.05	59.99 -4.46 -12.52	127.67 -11.45 0.00	134.24 -11.97 0.00	141.71 -12.05 0.00	165.27 -12.19 0.00	182.56 -15.77 0.00	136.23 -10.71 0.00	133.05 -10.15 0.00	128.10 -10.35 0.00
NEVERSINK__HYD 23608	138.66 8.25 0.00	144.56 8.50 0.00	130.13 7.63 0.00	120.16 7.01 0.00	94.76 5.49 0.00	86.53 4.18 -16.81	122.16 6.50 -10.89	132.29 7.79 -1.84	113.89 6.75 -3.17	85.64 3.88 -21.47	140.44 8.51 0.00	116.32 3.72 -57.10	119.01 6.01 -23.36	95.01 2.88 -48.97	102.76 2.96 -55.61	113.26 3.68 -57.65	149.35 10.23 0.00	155.92 9.71 0.00	163.87 10.10 0.00	188.36 10.90 0.00	210.62 12.30 0.00	157.07 10.12 0.00	153.00 9.80 0.00	147.36 8.91 0.00
NEWKRMKL_115KV_TB1 55635	135.91 5.49 0.00	141.66 5.59 0.00	127.84 5.34 0.00	118.29 5.14 0.00	93.44 4.17 0.00	133.67 2.95 -65.19	175.36 4.05 -66.54	138.59 4.67 -11.26	127.81 4.49 -19.36	103.14 2.88 -39.96	137.62 5.69 0.00	135.17 2.45 -77.21	125.17 3.94 -31.59	111.42 2.04 -66.21	121.35 1.97 -75.20	131.87 1.98 -77.96	143.92 4.80 0.00	150.05 3.84 0.00	157.41 3.64 0.00	181.39 3.93 0.00	203.18 4.85 0.00	151.46 4.52 0.00	147.65 4.46 0.00	142.80 4.36 0.00
NEWTON__FALLS_HYD 23847	128.60 -1.81 0.00	133.75 -2.31 0.00	119.95 -2.54 0.00	100.94 -2.49 9.72	53.02 -1.98 34.27	54.51 -1.58 9.44	117.33 -1.59 -14.15	138.30 -0.57 -16.21	102.40 -1.95 -0.39	68.23 -1.61 -9.55	102.10 -3.65 26.18	29.25 -1.67 24.58	92.58 -2.24 -5.18	51.16 -0.95 -8.95	27.16 -1.21 15.81	25.23 -1.92 24.78	135.03 -4.09 0.00	145.44 -0.77 0.00	152.52 -1.24 0.00	175.79 -1.67 0.00	196.32 -2.01 0.00	144.09 -2.85 0.00	143.10 -0.09 0.00	140.18 1.73 0.00
NGRID_A1_DSASP 323792	115.73 -14.68 0.00	120.19 -15.87 0.00	109.00 -13.49 0.00	100.23 -12.92 0.00	78.72 -10.54 0.00	60.12 -7.32 -1.91	92.95 -11.81 0.00	107.29 -15.37 0.00	91.46 -12.50 0.00	57.14 -7.07 -3.91	115.58 -16.29 0.07	59.53 -6.85 -10.88	82.33 -11.77 -4.45	46.32 -6.18 -9.33	48.57 -6.24 -10.62	55.63 -7.34 -11.04	119.80 -19.32 0.00	126.03 -20.18 0.00	132.60 -21.17 0.00	155.81 -21.65 0.00	172.09 -26.24 0.00	128.42 -18.52 0.00	124.80 -18.39 0.00	121.24 -17.21 0.00
NGRID_A2_DSASP 323793	115.73 -14.68 0.00	120.19 -15.87 0.00	109.00 -13.49 0.00	100.23 -12.92 0.00	78.72 -10.54 0.00	60.12 -7.32 -1.91	92.95 -11.81 0.00	107.29 -15.37 0.00	91.46 -12.50 0.00	57.14 -7.07 -3.91	115.58 -16.29 0.07	59.53 -6.85 -10.88	82.33 -11.77 -4.45	46.32 -6.18 -9.33	48.57 -6.24 -10.62	55.63 -7.34 -11.04	119.80 -19.32 0.00	126.03 -20.18 0.00	132.60 -21.17 0.00	155.81 -21.65 0.00	172.09 -26.24 0.00	128.42 -18.52 0.00	124.80 -18.39 0.00	121.24 -17.21 0.00
NGRID_A4_DSASP 323807	115.73 -14.68 0.00	120.19 -15.87 0.00	109.00 -13.49 0.00	100.23 -12.92 0.00	78.72 -10.54 0.00	60.12 -7.32 -1.91	92.95 -11.81 0.00	107.29 -15.37 0.00	91.46 -12.50 0.00	57.14 -7.07 -3.91	115.58 -16.29 0.07	59.53 -6.85 -10.88	82.33 -11.77 -4.45	46.32 -6.18 -9.33	48.57 -6.24 -10.62	55.63 -7.34 -11.04	119.80 -19.32 0.00	126.03 -20.18 0.00	132.60 -21.17 0.00	155.81 -21.65 0.00	172.09 -26.24 0.00	128.42 -18.52 0.00	124.80 -18.39 0.00	121.24 -17.21 0.00
NIAGARA_115E_LBMP 323715	116.86 -13.55 0.00	121.61 -14.45 0.00	110.27 -12.23 0.00	101.40 -11.75 0.00	79.61 -9.66 0.00	60.46 -6.98 -1.91	93.45 -11.32 0.00	107.26 -15.40 0.00	91.49 -12.47 0.00	57.19 -7.02 -3.92	115.53 -16.33 0.07	59.46 -6.94 -10.90	82.30 -11.81 -4.46	46.25 -6.26 -9.34	48.52 -6.29 -10.63	55.61 -7.37 -11.05	119.80 -19.32 0.00	126.06 -20.14 0.00	132.65 -21.12 0.00	155.77 -21.69 0.00	172.01 -26.32 0.00	128.60 -18.34 0.00	124.91 -18.28 0.00	121.60 -16.85 0.00
NIAGARA_115W_LBMP 323714	115.56 -14.85 0.00	120.01 -16.06 0.00	108.84 -13.66 0.00	100.08 -13.07 0.00	78.59 -10.67 0.00	60.03 -7.41 -1.91	92.81 -11.96 0.00	107.13 -15.53 0.00	91.29 -12.67 0.00	57.05 -7.15 -3.91	115.38 -16.48 0.07	59.43 -6.94 -10.87	82.21 -11.88 -4.45	46.23 -6.25 -9.32	48.49 -6.30 -10.60	55.55 -7.40 -11.03	119.57 -19.55 0.00	125.84 -20.37 0.00	132.35 -21.41 0.00	155.52 -21.94 0.00	171.81 -26.51 0.00	128.22 -18.72 0.00	124.59 -18.60 0.00	121.08 -17.37 0.00
NIAGARA_230_LBMP 323716	117.05 -13.37 0.00	121.59 -14.48 0.00	110.20 -12.30 0.00	101.43 -11.72 0.00	79.68 -9.59 0.00	60.75 -6.67 -1.88	94.00 -10.76 0.00	108.59 -14.07 0.00	92.46 -11.50 0.00	57.64 -6.51 -3.86	116.72 -15.15 0.07	59.99 -6.26 -10.75	83.12 -10.92 -4.40	46.69 -5.69 -9.22	48.96 -5.71 -10.48	56.09 -6.74 -10.90	121.30 -17.82 0.00	127.62 -18.59 0.00	134.26 -19.50 0.00	157.63 -19.83 0.00	174.18 -24.14 0.00	129.89 -17.05 0.00	126.29 -16.90 0.00	122.68 -15.77 0.00
NIAGARA__115KV_198_GIBSON 55903	115.54 -14.87 0.00	120.01 -16.06 0.00	108.85 -13.65 0.00	100.11 -13.04 0.00	78.64 -10.63 0.00	60.00 -7.44 -1.91	92.73 -12.04 0.00	107.07 -15.59 0.00	91.27 -12.70 0.00	57.03 -7.17 -3.91	115.29 -16.57 0.07	59.39 -6.99 -10.87	82.14 -11.95 -4.45	46.20 -6.28 -9.32	48.47 -6.31 -10.60	55.54 -7.41 -11.03	119.55 -19.57 0.00	125.84 -20.36 0.00	132.37 -21.40 0.00	155.57 -21.89 0.00	171.79 -26.53 0.00	128.21 -18.73 0.00	124.61 -18.58 0.00	121.05 -17.40 0.00
NIAGARA____ 23760	117.05 -13.37 0.00	121.59 -14.48 0.00	110.20 -12.30 0.00	101.43 -11.72 0.00	79.68 -9.59 0.00	60.77 -6.67 -1.91	94.00 -10.76 0.00	108.59 -14.07 0.00	92.46 -11.50 0.00	57.67 -6.51 -3.89	116.71 -15.15 0.07	60.08 -6.26 -10.84	83.16 -10.92 -4.43	46.77 -5.69 -9.29	49.05 -5.71 -10.57	56.17 -6.74 -10.98	121.30 -17.82 0.00	127.62 -18.59 0.00	134.26 -19.50 0.00	157.63 -19.83 0.00	174.18 -24.14 0.00	129.89 -17.05 0.00	126.29 -16.90 0.00	122.68 -15.77 0.00
NINE_MILE_1 23575	124.72 -5.69 0.00	130.04 -6.03 0.00	117.20 -5.30 0.00	108.19 -4.96 0.00	85.35 -3.91 0.00	63.18 -2.73 -0.38	100.44 -4.33 0.00	117.48 -5.17 0.00	99.66 -4.31 0.00	59.34 -2.44 -1.49	126.20 -5.73 0.00	58.30 -2.28 -5.08	87.81 -3.92 -2.08	45.63 -1.89 -4.35	47.19 -1.94 -4.95	54.80 -2.26 -5.13	133.10 -6.02 0.00	139.82 -6.39 0.00	147.11 -6.66 0.00	169.98 -7.48 0.00	189.62 -8.71 0.00	140.68 -6.27 0.00	137.08 -6.12 0.00	132.42 -6.03 0.00
NINE_MILE_2 23744	124.73 -5.68 0.00	130.07 -5.99 0.00	117.20 -5.30 0.00	108.20 -4.95 0.00	85.35 -3.91 0.00	63.18 -2.73 -0.38	100.44 -4.33 0.00	117.48 -5.17 0.00	99.67 -4.30 0.00	59.34 -2.44 -1.49	126.23 -5.70 0.00	58.29 -2.28 -5.06	87.80 -3.91 -2.07	45.62 -1.89 -4.34	47.19 -1.93 -4.93	54.79 -2.26 -5.12	133.11 -6.01 0.00	139.83 -6.38 0.00	147.11 -6.66 0.00	169.98 -7.48 0.00	189.62 -8.71 0.00	140.68 -6.27 0.00	137.08 -6.12 0.00	132.42 -6.03 0.00
NM_CAPITAL__DRP 24208	136.10 5.69 0.00	141.88 5.82 0.00	127.99 5.49 0.00	118.36 5.21 0.00	93.47 4.20 0.00	132.81 3.02 -64.26	174.37 4.16 -65.44	138.47 4.74 -11.07	127.51 4.51 -19.04	102.85 2.90 -39.66	137.73 5.80 0.00	135.01 2.50 -77.01	125.14 3.99 -31.50	111.25 2.05 -66.04	121.20 2.02 -75.00	131.78 2.11 -77.75	144.23 5.11 0.00	150.32 4.11 0.00	157.63 3.86 0.00	181.66 4.20 0.00	203.59 5.26 0.00	151.85 4.91 0.00	148.06 4.87 0.00	143.15 4.70 0.00



NM_CENTRAL___DRP 24181	127.11 -3.30 0.00	132.54 -3.53 0.00	119.46 -3.03 0.00	110.32 -2.83 0.00	87.01 -2.25 0.00	64.65 -1.40 -0.52	102.66 -2.11 0.00	120.05 -2.61 0.00	101.90 -2.07 0.00	61.13 -1.20 -2.04	128.94 -2.99 0.00	61.29 -1.14 -6.93	90.37 -2.10 -2.83	48.05 -1.05 -5.94	49.87 -1.06 -6.75	57.77 -1.16 -7.00	136.12 -3.00 0.00	142.91 -3.30 0.00	150.44 -3.33 0.00	173.85 -3.61 0.00	193.68 -4.65 0.00	143.75 -3.20 0.00	140.02 -3.18 0.00	135.15 -3.30 0.00
NM_FRONTIER___DRP 24179	115.54 -14.87 0.00	120.01 -16.06 0.00	108.85 -13.65 0.00	100.11 -13.04 0.00	78.64 -10.63 0.00	60.00 -7.44 -1.91	92.73 -12.04 0.00	107.07 -15.59 0.00	91.27 -12.70 0.00	57.03 -7.17 -3.91	115.29 -16.57 0.07	59.39 -6.99 -10.87	82.14 -11.95 -4.45	46.20 -6.28 -9.32	48.47 -6.31 -10.60	55.54 -7.41 -11.03	119.55 -19.57 0.00	125.84 -20.36 0.00	132.37 -21.40 0.00	155.57 -21.89 0.00	171.79 -26.53 0.00	128.21 -18.73 0.00	124.61 -18.58 0.00	121.05 -17.40 0.00
NM_ST_REGIS___HYD 24053	128.44 -1.97 0.00	133.49 -2.57 0.00	119.82 -2.67 0.00	95.35 -2.71 15.09	34.41 -2.16 52.70	54.42 -1.85 9.26	137.21 -2.05 -34.50	161.33 -0.85 -39.52	112.39 -2.46 -10.89	80.45 -1.87 -22.03	95.91 -3.95 32.08	14.43 -2.01 39.07	103.90 -2.28 -16.54	59.80 -1.06 -17.70	17.79 -1.46 24.94	8.98 -2.34 40.61	134.03 -5.09 0.00	144.96 -1.26 0.00	152.38 -1.38 0.00	176.01 -1.45 0.00	196.84 -1.49 0.00	143.35 -3.59 0.00	140.21 -2.98 0.00	136.86 -1.59 0.00
NORTHPORT___1 23551	140.72 10.30 0.00	147.22 11.15 0.00	132.86 10.36 0.00	122.91 9.76 0.00	97.15 7.88 0.00	197.50 5.94 -126.03	149.99 8.50 -36.73	150.49 9.79 -18.04	137.21 9.11 -24.14	94.99 5.45 -29.25	143.58 11.65 0.00	123.57 5.23 -62.84	134.01 8.54 -35.83	113.58 4.19 -66.24	109.49 4.11 -61.20	121.71 5.33 -64.46	152.10 12.98 0.00	156.79 10.58 0.01	164.68 10.92 0.00	188.81 11.35 0.00	210.93 12.60 0.00	158.02 11.08 0.00	154.69 11.50 0.00	149.94 11.49 0.00
NORTHPORT___2 23552	140.72 10.30 0.00	147.22 11.15 0.00	132.86 10.36 0.00	122.91 9.76 0.00	97.15 7.88 0.00	197.50 5.94 -126.03	149.99 8.50 -36.73	150.49 9.79 -18.04	137.21 9.11 -24.14	94.99 5.45 -29.25	143.58 11.65 0.00	123.57 5.23 -62.84	134.01 8.54 -35.83	113.58 4.19 -66.24	109.49 4.11 -61.20	121.71 5.33 -64.46	152.10 12.98 0.00	156.79 10.58 0.01	164.68 10.92 0.00	188.81 11.35 0.00	210.93 12.60 0.00	158.02 11.08 0.00	154.69 11.50 0.00	149.94 11.49 0.00
NORTHPORT___3 23553	139.42 9.00 0.00	145.95 9.88 0.00	131.70 9.20 0.00	121.76 8.61 0.00	96.23 6.96 0.00	196.31 5.22 -125.56	148.19 7.89 -35.53	148.48 9.70 -16.12	136.39 8.39 -24.05	94.42 4.87 -29.25	142.36 10.42 0.00	123.11 4.77 -62.84	133.24 7.77 -35.83	113.18 3.78 -66.24	109.11 3.73 -61.20	121.21 4.82 -64.46	150.86 11.74 0.00	155.37 9.16 0.00	162.52 8.76 0.00	186.35 8.89 0.00	208.31 9.98 0.00	155.88 8.94 0.00	152.59 9.40 0.00	147.78 9.33 0.00
NORTHPORT___4 23650	139.42 9.00 0.00	145.95 9.88 0.00	131.70 9.20 0.00	121.76 8.61 0.00	96.23 6.96 0.00	196.31 5.22 -125.56	148.19 7.89 -35.53	148.48 9.70 -16.12	136.39 8.39 -24.05	94.42 4.87 -29.25	142.36 10.42 0.00	123.11 4.77 -62.84	133.24 7.77 -35.83	113.18 3.78 -66.24	109.11 3.73 -61.20	121.21 4.82 -64.46	150.86 11.74 0.00	155.37 9.16 0.00	162.52 8.76 0.00	186.35 8.89 0.00	208.31 9.98 0.00	155.88 8.94 0.00	152.59 9.40 0.00	147.78 9.33 0.00
NORTHPORT___IC 23718	140.73 10.32 0.00	147.22 11.15 0.00	132.86 10.36 0.00	122.91 9.76 0.00	97.14 7.87 0.00	197.48 5.92 -126.03	149.98 8.49 -36.73	150.54 9.85 -18.04	137.21 9.11 -24.14	94.99 5.45 -29.25	143.59 11.65 0.00	123.56 5.22 -62.84	134.01 8.53 -35.83	113.58 4.19 -66.24	109.49 4.10 -61.20	121.71 5.33 -64.46	152.10 12.98 0.00	156.81 10.60 0.00	164.66 10.89 0.00	188.80 11.33 0.00	210.92 12.59 0.00	158.03 11.09 0.00	154.69 11.50 0.00	150.03 11.58 0.00
NORTH___COUNTRY_ESR 323785	125.77 -4.65 0.00	130.91 -5.16 0.00	117.65 -4.84 0.00	90.68 -4.52 17.95	16.02 -3.62 69.62	-25.08 -3.01 87.60	-30.82 -4.25 131.34	-32.27 -4.46 150.47	-28.65 -4.44 128.17	-27.34 -2.77 84.86	-26.53 -5.38 153.09	-21.70 -2.62 74.59	-28.47 -3.88 114.22	-26.07 -1.85 67.38	-22.31 -2.02 64.48	-10.63 -2.42 60.14	134.53 -4.59 0.00	144.07 -2.14 0.00	151.14 -2.62 0.00	174.05 -3.41 0.00	195.34 -2.99 0.00	143.00 -3.94 0.00	138.60 -4.59 0.00	134.23 -4.22 0.00
NPX_GEN_1385_PROXY 323591	141.71 11.30 0.00	148.13 12.06 0.00	133.07 10.58 0.00	123.72 10.56 0.00	98.15 8.89 0.00	198.46 6.90 -126.03	151.87 10.37 -36.73	153.11 11.59 -18.87	137.44 9.33 -24.14	95.08 5.54 -29.25	142.78 10.84 0.00	123.38 5.04 -62.84	133.40 7.93 -35.83	113.77 4.37 -66.24	109.24 3.85 -61.20	121.98 5.67 -64.38	152.64 13.52 0.00	155.39 9.18 0.01	163.08 9.32 0.00	187.58 10.11 0.00	247.98 11.24 -38.41	157.43 10.49 0.00	155.02 11.83 0.00	151.25 12.80 0.00
NPX_GEN_CSC 323557	142.34 11.92 0.00	148.65 12.58 0.00	134.01 11.51 0.00	123.92 10.77 0.00	98.00 8.74 0.00	205.69 7.01 -133.15	170.55 10.92 -54.86	183.62 13.07 -47.89	145.85 11.39 -30.50	95.82 6.28 -29.25	145.18 13.24 0.00	124.17 5.82 -62.84	134.96 9.49 -35.83	113.91 4.51 -66.24	109.87 4.48 -61.20	121.87 5.56 -64.38	153.49 14.37 0.00	159.29 13.07 0.00	167.41 13.65 0.00	191.66 14.20 0.00	252.26 15.52 -38.41	160.11 13.17 0.00	156.60 13.41 0.00	151.64 13.19 0.00
NSINS_S___GLNS_FALLS 23858	142.70 12.28 0.00	148.71 12.64 0.00	133.83 11.33 0.00	123.58 10.43 0.00	97.54 8.28 0.00	174.23 6.47 -102.23	226.53 10.39 -111.37	153.60 12.10 -18.84	146.76 10.39 -32.41	116.52 6.07 -50.16	145.01 13.07 0.00	140.25 5.37 -79.37	130.77 8.65 -32.47	115.30 4.07 -68.06	125.83 4.34 -77.31	137.28 5.22 -80.14	153.19 14.07 0.00	160.32 14.11 0.00	168.07 14.30 0.00	193.96 16.50 0.00	216.72 18.39 0.00	161.32 14.38 0.00	157.23 14.04 0.00	151.94 13.49 0.00
NUCOR_STEEL___DRP 24197	128.49 -1.93 0.00	133.99 -2.07 0.00	120.81 -1.69 0.00	111.51 -1.64 0.00	88.00 -1.27 0.00	66.48 -0.61 -1.56	103.96 -0.81 0.00	121.42 -1.24 0.00	102.96 -1.00 0.00	62.83 -0.68 -3.22	129.76 -2.20 -0.03	63.61 -0.85 -8.96	91.69 -1.62 -3.67	50.01 -0.84 -7.69	52.09 -0.83 -8.73	60.08 -0.92 -9.07	137.48 -1.64 0.00	144.49 -1.73 0.00	152.88 -0.88 0.00	176.93 -0.53 0.00	195.97 -2.36 0.00	145.35 -1.59 0.00	141.94 -1.26 0.00	136.54 -1.91 0.00
NUMBER_THREE_WT_PWR 323818	129.05 -1.36 0.00	134.30 -1.76 0.00	120.41 -2.09 0.00	107.37 -1.93 3.85	74.18 -1.54 13.54	61.29 -0.96 3.28	110.44 -0.66 -6.33	129.99 0.07 -7.26	103.91 -0.82 -0.77	64.24 -0.83 -4.77	119.77 -2.29 9.87	46.76 -0.95 7.79	91.30 -1.71 -3.36	47.94 -0.69 -5.46	39.12 -0.73 4.34	43.09 -0.92 7.91	137.92 -1.20 0.00	147.88 1.67 0.00	154.22 0.46 0.00	177.04 -0.42 0.00	197.60 -0.73 0.00	145.84 -1.10 0.00	146.64 3.45 0.00	144.12 5.67 0.00
NYISO_LBMP_REFERENCE 24008	130.41 0.00 0.00	136.07 0.00 0.00	122.49 0.00 0.00	113.15 0.00 0.00	89.26 0.00 0.00	65.53 0.00 0.00	104.77 0.00 0.00	122.66 0.00 0.00	103.96 0.00 0.00	60.29 0.00 0.00	131.93 0.00 0.00	55.50 0.00 0.00	89.65 0.00 0.00	43.16 0.00 0.00	44.18 0.00 0.00	51.93 0.00 0.00	139.12 0.00 0.00	146.21 0.00 0.00	153.76 0.00 0.00	177.46 0.00 0.00	198.33 0.00 0.00	146.94 0.00 0.00	143.19 0.00 0.00	138.45 0.00 0.00



NYPA_BRENTWD____GT 24164	142.21 11.80 0.00	148.64 12.57 0.00	134.04 11.54 0.00	123.96 10.81 0.00	97.91 8.64 0.00	198.88 6.61 -126.74	153.01 9.72 -38.52	154.86 11.29 -20.92	139.39 10.38 -25.05	95.58 6.03 -29.25	144.94 13.01 0.00	124.17 5.83 -62.84	134.89 9.41 -35.83	113.98 4.59 -66.24	109.93 4.54 -61.20	122.25 5.86 -64.46	154.01 14.89 0.00	159.29 13.08 0.00	167.33 13.57 0.00	191.80 14.33 0.00	214.03 15.71 0.00	160.24 13.30 0.00	156.70 13.50 0.00	151.69 13.24 0.00
NYPA_GOWANUS____GT5 24156	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NYPA_GOWANUS____GT6 24157	141.24 10.82 0.00	147.26 11.20 0.00	132.34 9.85 0.00	122.24 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.76 7.76 -10.23	646.96 9.07 -515.23	1068.52 8.40 -956.15	375.85 5.13 -310.42	1097.70 11.67 -954.10	532.83 5.22 -472.11	387.43 8.32 -289.47	480.27 4.08 -433.03	583.51 4.19 -535.14	585.35 5.12 -528.31	697.71 13.20 -545.40	791.39 11.80 -633.38	1040.16 12.12 -874.27	433.23 12.58 -243.19	931.21 15.26 -717.62	432.60 12.78 -272.88	509.86 12.56 -354.10	227.97 11.60 -77.92
NYPA_HARLEM__RVR__GT1 24160	140.44 10.02 0.00	146.14 10.08 0.00	131.38 8.88 0.00	121.35 8.20 0.00	95.44 6.18 0.00	87.26 4.66 -17.06	121.95 6.95 -10.23	132.83 8.44 -1.73	114.73 7.78 -2.98	88.24 4.69 -23.26	142.81 10.87 -0.02	123.35 4.96 -62.88	123.32 7.94 -25.74	100.91 3.83 -53.91	109.32 3.90 -61.23	120.16 4.76 -63.47	151.40 0.00 0.00	156.97 0.00 0.00	164.51 10.74 -0.01	188.51 11.05 0.00	211.53 13.20 0.00	158.30 11.36 0.00	154.33 11.12 -0.01	148.74 10.29 0.00
NYPA_HARLEM__RVR__GT2 24161	140.44 10.02 0.00	146.14 10.08 0.00	131.38 8.88 0.00	121.35 8.20 0.00	95.44 6.18 0.00	87.26 4.66 -17.06	121.95 6.95 -10.23	132.83 8.44 -1.73	114.73 7.78 -2.98	88.24 4.69 -23.26	142.81 10.87 -0.02	123.35 4.96 -62.88	123.32 7.94 -25.74	100.91 3.83 -53.91	109.32 3.90 -61.23	120.16 4.76 -63.47	151.40 0.00 0.00	156.97 0.00 0.00	164.51 10.74 -0.01	188.51 11.05 0.00	211.53 13.20 0.00	158.30 11.36 0.00	154.33 11.12 -0.01	148.74 10.29 0.00
NYPA_KENT____GT 24152	141.04 10.62 0.00	147.05 10.99 0.00	132.18 9.69 0.00	122.04 8.88 -0.01	102.68 6.91 -6.51	96.62 5.27 -25.82	122.50 7.51 -10.23	443.18 8.82 -311.70	690.47 8.16 -578.35	261.88 4.98 -196.60	389.93 11.46 -246.53	335.07 5.18 -274.39	295.77 8.23 -197.90	184.88 4.02 -137.71	221.39 4.10 -173.11	352.99 5.01 -296.05	481.27 12.93 -329.22	502.04 11.51 -344.32	631.50 11.78 -465.96	336.35 12.09 -146.80	646.10 14.58 -433.18	324.21 12.23 -165.04	376.32 12.19 -220.94	196.75 11.26 -47.04
NYPA_POUCH1____GT 24155	140.84 10.43 0.00	146.85 10.78 0.00	132.01 9.51 0.00	121.90 8.73 -0.01	106.94 6.89 -10.78	102.44 5.34 -31.57	122.40 7.40 -10.23	646.50 8.61 -515.23	1068.17 8.06 -956.15	375.67 4.95 -310.42	475.43 11.08 -332.42	423.72 4.94 -363.27	372.96 7.86 -275.46	197.16 3.90 -150.09	258.39 4.01 -210.20	495.56 4.89 -438.74	697.15 12.64 -545.40	719.95 11.26 -562.48	920.12 11.51 -754.85	432.62 11.97 -243.19	930.67 14.72 -717.62	432.23 12.41 -272.88	509.39 12.10 -354.10	227.38 11.01 -77.92
NYPA_VERNON____GT2 24162	140.78 10.36 0.00	146.84 10.77 0.00	132.00 9.50 0.00	121.85 8.69 0.00	98.25 6.75 -2.23	90.71 5.10 -20.07	122.37 7.37 -10.23	239.53 8.70 -108.17	312.54 8.02 -200.55	147.95 4.88 -82.78	237.90 11.40 -94.56	219.64 5.16 -158.97	204.25 8.26 -106.34	140.52 3.99 -93.37	149.72 4.07 -101.47	200.73 4.96 -143.84	264.96 12.79 -113.05	276.24 11.51 -118.63	329.75 11.62 -164.37	239.68 11.81 -50.41	361.21 14.13 -148.75	216.04 11.90 -57.20	242.96 11.99 -87.78	165.66 11.05 -16.15
NYPA_VERNON____GT3 24163	140.78 10.36 0.00	146.84 10.77 0.00	132.00 9.50 0.00	121.85 8.69 0.00	98.25 6.75 -2.23	90.71 5.10 -20.07	122.37 7.37 -10.23	239.53 8.70 -108.17	312.54 8.02 -200.55	147.95 4.88 -82.78	237.90 11.40 -94.56	219.64 5.16 -158.97	204.25 8.26 -106.34	140.52 3.99 -93.37	149.72 4.07 -101.47	200.73 4.96 -143.84	264.96 12.79 -113.05	276.24 11.40 -118.63	329.75 11.62 -164.37	239.68 11.81 -50.41	361.21 14.13 -148.75	216.04 11.90 -57.20	242.96 11.99 -87.78	165.66 11.05 -16.15
NYPA__ASTORIA_CC1 323568	140.61 10.20 0.00	146.70 10.63 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.87 6.60 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.86 8.47 -1.73	114.77 7.83 -2.98	88.32 4.77 -23.26	151.02 11.24 -7.85	151.52 5.10 -90.91	149.77 8.13 -51.99	112.14 3.93 -65.04	109.41 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.33 11.12 0.00	169.68 11.39 -4.52	189.04 11.58 0.00	212.13 13.80 0.00	159.24 11.65 -0.64	169.58 11.83 -14.55	149.36 10.90 0.00
NYPA__ASTORIA_CC2 323569	140.61 10.20 0.00	146.70 10.63 0.00	131.83 9.34 0.00	121.69 8.54 0.00	95.87 6.60 0.00	87.60 5.00 -17.06	122.21 7.21 -10.23	132.86 8.47 -1.73	114.77 7.83 -2.98	88.32 4.77 -23.26	151.02 11.24 -7.85	151.52 5.10 -90.91	149.77 8.13 -51.99	112.14 3.93 -65.04	109.41 4.00 -61.23	120.30 4.90 -63.47	151.69 12.57 0.00	157.33 11.12 0.00	169.68 11.39 -4.52	189.04 11.58 0.00	212.13 13.80 0.00	159.24 11.65 -0.64	169.58 11.83 -14.55	149.36 10.90 0.00
NYPA__HOLTSVILL 23794	141.28 10.87 0.00	147.61 11.54 0.00	133.04 10.55 0.00	123.04 9.89 0.00	97.26 7.99 0.00	204.92 6.24 -133.15	169.01 9.37 -54.87	180.83 11.09 -47.09	144.41 9.94 -30.51	95.15 5.61 -29.25	143.90 11.97 0.00	123.69 5.34 -62.84	134.19 8.72 -35.83	113.57 4.17 -66.24	109.50 4.12 -61.20	121.64 5.26 -64.46	152.39 13.27 0.00	157.72 11.51 0.00	165.59 11.83 0.00	189.65 12.19 0.00	211.69 13.37 0.00	158.65 11.71 0.00	155.26 12.07 0.00	150.46 12.01 0.00
NYPA__HELLGATE_GT1 24158	140.59 10.18 0.00	146.14 10.08 0.00	131.38 8.88 0.00	121.35 8.20 0.00	95.44 6.18 0.00	87.26 4.66 -17.06	121.95 6.95 -10.23	132.83 8.44 -1.73	114.73 7.78 -2.98	88.24 4.69 -23.26	142.81 10.87 -0.02	123.35 4.96 -62.88	123.32 7.94 -25.74	100.91 3.83 -53.91	109.32 3.90 -61.23	120.15 4.75 -63.47	151.40 0.00 0.00	156.97 0.00 0.00	164.51 10.74 -0.01	188.51 11.05 0.00	211.53 13.20 0.00	158.30 11.36 0.00	154.33 11.12 -0.01	148.74 10.29 0.00
NYPA__HELLGATE_GT2 24159	140.59 10.18 0.00	146.14 10.08 0.00	131.38 8.88 0.00	121.35 8.20 0.00	95.44 6.18 0.00	87.26 4.66 -17.06	121.95 6.95 -10.23	132.83 8.44 -1.73	114.73 7.78 -2.98	88.24 4.69 -23.26	142.81 10.87 -0.02	123.35 4.96 -62.88	123.32 7.94 -25.74	100.91 3.83 -53.91	109.32 3.90 -61.23	120.15 4.75 -63.47	151.40 0.00 0.00	156.97 0.00 0.00	164.51 10.74 -0.01	188.51 11.05 0.00	211.53 13.20 0.00	158.30 11.36 0.00	154.33 11.12 -0.01	148.74 10.29 0.00
NYS_BARGE__HYD 23848	118.59 -11.82 0.00	123.30 -12.77 0.00	111.75 -10.75 0.00	102.75 -10.40 0.00	80.62 -8.64 0.00	61.23 -6.17 -1.87	94.84 -9.92 0.00	109.20 -13.46 0.00	93.08 -10.88 0.00	57.98 -6.15 -3.83	117.47 -14.40 0.07	60.09 -6.08 -10.66	83.50 -10.51 -4.36	46.75 -5.57 -9.15	49.01 -5.58 -10.40	56.23 -6.51 -10.82	122.09 -17.03 0.00	128.57 -17.64 0.00	135.36 -18.40 0.00	158.84 -18.62 0.00	175.35 -22.98 0.00	130.88 -16.06 0.00	127.11 -16.09 0.00	123.53 -14.93 0.00



OAK ORCHARD___HYD 24046	123.19 -7.23 0.00	128.20 -7.87 0.00	115.86 -6.63 0.00	106.82 -6.33 0.00	84.16 -5.11 0.00	63.76 -3.35 -1.57	99.57 -5.19 0.00	115.91 -6.75 0.00	98.54 -5.42 0.00	60.48 -3.06 -3.25	124.47 -7.42 0.05	61.59 -2.98 -9.07	87.89 -5.46 -3.71	48.06 -2.88 -7.78	50.13 -2.90 -8.84	57.74 -3.38 -9.19	130.26 -8.86 0.00	137.14 -9.07 0.00	144.33 -9.44 0.00	168.06 -9.40 0.00	186.47 -11.86 0.00	138.42 -8.52 0.00	134.42 -8.77 0.00	129.91 -8.54 0.00
OAKDALE___35_KV_LOAD 356122	129.15 -1.27 0.00	134.73 -1.34 0.00	121.50 -1.00 0.00	112.12 -1.03 0.00	88.35 -0.91 0.00	72.11 -0.48 -7.05	109.00 -0.76 -4.99	122.61 -0.89 -0.84	104.79 -0.63 -1.45	67.89 -0.51 -8.11	130.37 -1.52 0.05	75.79 -0.59 -20.88	97.22 -0.97 -8.54	60.47 -0.59 -17.90	64.01 -0.52 -20.35	72.53 -0.51 -21.12	137.95 -1.17 0.00	144.63 -1.58 0.00	152.29 -1.47 0.00	175.87 -1.59 0.00	195.89 -2.44 0.00	145.73 -1.21 0.00	142.06 -1.14 0.00	137.08 -1.37 0.00
OCC_CHEM___DRP 24175	115.72 -14.70 0.00	120.20 -15.86 0.00	109.01 -13.48 0.00	100.31 -12.84 0.00	78.75 -10.51 0.00	60.08 -7.36 -1.91	92.89 -11.88 0.00	107.26 -15.40 0.00	91.41 -12.56 0.00	57.13 -7.08 -3.91	115.51 -16.36 0.07	59.49 -6.90 -10.88	82.27 -11.82 -4.45	46.29 -6.21 -9.33	48.55 -6.25 -10.62	55.66 -7.31 -11.04	119.78 -19.34 0.00	126.05 -20.16 0.00	132.62 -21.14 0.00	155.87 -21.59 0.00	172.08 -26.24 0.00	128.43 -18.51 0.00	124.83 -18.36 0.00	121.22 -17.23 0.00
OH_GEN_PROXY 24063	117.25 -13.16 0.00	121.80 -14.26 0.00	110.40 -12.09 0.00	101.62 -11.53 0.00	79.84 -9.43 0.00	60.88 -6.54 -1.89	94.21 -10.55 0.00	109.80 -13.69 -0.83	92.78 -11.19 0.00	57.82 -6.35 -3.87	117.08 -14.78 0.07	60.17 -6.11 -10.78	83.42 -10.64 -4.41	46.84 -5.57 -9.24	49.11 -5.58 -10.51	56.21 -6.57 -10.85	187.92 -17.30 -66.10	128.14 -18.07 0.00	134.81 -18.95 0.00	158.19 -19.27 0.00	213.32 -23.42 -38.41	130.34 -16.60 0.00	126.70 -16.49 0.00	122.96 -15.49 0.00
OLIN_CORP_DRP 24177	116.97 -13.45 0.00	121.69 -14.38 0.00	110.33 -12.17 0.00	101.53 -11.62 0.00	79.71 -9.56 0.00	60.55 -6.90 -1.92	93.56 -11.21 0.00	107.48 -15.17 0.00	91.66 -12.31 0.00	57.32 -6.92 -3.94	115.72 -16.15 0.07	59.61 -6.86 -10.96	82.44 -11.69 -4.49	46.39 -6.18 -9.40	48.67 -6.21 -10.70	55.82 -7.23 -11.12	120.12 -19.00 0.00	126.47 -19.74 0.00	133.04 -20.72 0.00	156.27 -21.19 0.00	172.45 -25.87 0.00	128.91 -18.03 0.00	125.26 -17.93 0.00	121.84 -16.61 0.00
OLIN_CORP_DSASP 323712	115.73 -14.68 0.00	120.19 -15.87 0.00	109.00 -13.49 0.00	100.23 -12.92 0.00	78.72 -10.54 0.00	60.12 -7.32 -1.91	92.95 -11.81 0.00	107.29 -15.37 0.00	91.46 -12.50 0.00	57.14 -7.07 -3.91	115.58 -16.29 0.07	59.53 -6.85 -10.88	82.33 -11.77 -4.45	46.32 -6.18 -9.33	48.57 -6.24 -10.62	55.63 -7.34 -11.04	119.80 -19.32 0.00	126.03 -20.18 0.00	132.60 -21.17 0.00	155.81 -21.65 0.00	172.09 -26.24 0.00	128.42 -18.52 0.00	124.80 -18.39 0.00	121.24 -17.21 0.00
ONEIDA_HERK_LFGE 323681	132.61 2.19 0.00	137.95 1.88 0.00	123.71 1.21 0.00	113.07 1.16 1.24	85.86 0.92 4.32	65.86 0.86 0.52	109.67 1.86 -3.04	128.74 2.60 -3.48	106.92 1.88 -1.08	63.79 0.96 -2.53	131.36 1.93 2.50	55.24 0.81 1.08	93.22 1.20 -2.38	47.14 0.64 -3.34	44.88 0.65 -0.04	51.51 0.78 1.19	141.77 2.65 0.00	150.00 3.79 0.00	157.16 3.40 0.00	180.88 3.42 0.00	201.94 3.61 0.00	149.46 2.52 0.00	147.54 4.35 0.00	143.53 5.08 0.00
ONEIDA___115KV_TB4 55905	133.47 3.06 0.00	139.32 3.25 0.00	125.64 3.14 0.00	116.20 3.04 0.00	91.69 2.43 0.00	67.93 2.07 -0.34	108.55 3.78 0.00	127.17 4.51 0.00	107.78 3.82 0.00	63.76 2.15 -1.32	136.46 4.53 0.00	61.95 1.96 -4.48	94.55 3.07 -1.83	48.46 1.45 -3.84	50.06 1.50 -4.37	58.35 1.89 -4.53	144.53 5.41 0.00	151.47 5.26 0.00	159.13 5.37 0.00	183.49 6.03 0.00	204.63 6.30 0.00	151.70 4.75 0.00	147.87 4.68 0.00	142.79 4.34 0.00
ONONDAGA_REF_OCCRA 23987	128.33 -2.09 0.00	133.79 -2.28 0.00	120.58 -1.92 0.00	111.34 -1.81 0.00	87.82 -1.44 0.00	66.15 -0.80 -1.41	103.65 -1.12 0.00	121.24 -1.42 0.00	102.86 -1.11 0.00	62.54 -0.69 -2.94	130.05 -1.91 -0.02	63.00 -0.71 -8.21	91.63 -1.38 -3.36	49.49 -0.71 -7.04	51.47 -0.72 -8.00	59.50 -0.73 -8.30	137.41 -1.71 0.00	144.35 -1.86 0.00	152.02 -1.74 0.00	175.63 -1.83 0.00	195.68 -2.65 0.00	145.22 -1.73 0.00	141.52 -1.67 0.00	136.56 -1.89 0.00
ONONDAGA___COGEN 23986	128.41 -2.00 0.00	133.86 -2.21 0.00	120.67 -1.83 0.00	111.41 -1.75 0.00	87.90 -1.36 0.00	66.12 -0.74 -1.33	103.73 -1.04 0.00	121.25 -1.41 0.00	102.87 -1.09 0.00	62.41 -0.66 -2.78	130.04 -1.89 0.00	62.62 -0.67 -7.78	91.50 -1.33 -3.18	49.15 -0.69 -6.67	51.09 -0.68 -7.58	59.10 -0.70 -7.87	137.51 -1.61 0.00	144.50 -1.71 0.00	152.20 -1.56 0.00	175.96 -1.50 0.00	195.83 -2.50 0.00	145.31 -1.63 0.00	141.60 -1.59 0.00	136.61 -1.84 0.00
ONTARIO___LFGE 23819	126.60 -3.82 0.00	131.91 -4.16 0.00	119.04 -3.46 0.00	109.85 -3.30 0.00	86.81 -2.46 0.00	66.25 -1.10 -1.82	102.96 -1.81 0.00	119.87 -2.79 0.00	101.63 -2.34 0.00	62.71 -1.30 -3.72	127.18 -4.65 0.10	64.06 -1.79 -10.34	91.06 -2.82 -4.23	50.54 -1.49 -8.87	52.89 -1.38 -10.09	60.99 -1.45 -10.50	134.95 -4.17 0.00	142.56 -3.65 0.00	150.55 -3.21 0.00	173.99 -3.47 0.00	192.87 -5.45 0.00	143.17 -3.77 0.00	139.21 -3.99 0.00	134.18 -4.27 0.00
ORANGEVILLE_WT_PWR 323706	121.59 -8.83 0.00	126.06 -10.00 0.00	114.12 -8.37 0.00	104.92 -8.23 0.00	82.25 -7.02 0.00	64.51 -4.97 -3.95	99.61 -7.81 -2.65	112.96 -10.14 -0.45	95.86 -8.87 -0.77	59.56 -5.56 -4.82	118.96 -12.86 0.11	62.99 -5.22 -12.71	85.85 -8.99 -5.20	49.45 -4.61 -10.90	52.24 -4.35 -12.41	60.39 -4.47 -12.93	127.83 -11.29 0.00	134.95 -11.26 0.00	142.20 -11.56 0.00	164.93 -12.53 0.00	181.10 -17.23 0.00	135.38 -11.57 0.00	132.01 -11.18 0.00	127.53 -10.92 0.00
ORANGEVILLE___ESR 323794	121.59 -8.83 0.00	126.06 -10.00 0.00	114.12 -8.37 0.00	104.92 -8.23 0.00	82.25 -7.02 0.00	64.51 -4.97 -3.95	99.61 -7.81 -2.65	112.96 -10.14 -0.45	95.86 -8.87 -0.77	59.56 -5.56 -4.82	118.96 -12.86 0.11	62.99 -5.22 -12.71	85.85 -8.99 -5.20	49.45 -4.61 -10.90	52.24 -4.35 -12.41	60.39 -4.47 -12.93	127.83 -11.29 0.00	134.95 -11.26 0.00	142.20 -11.56 0.00	164.93 -12.53 0.00	181.10 -17.23 0.00	135.38 -11.57 0.00	132.01 -11.18 0.00	127.53 -10.92 0.00
OSWEGATCHIE___HYD 24044	128.60 -1.81 0.00	133.75 -2.31 0.00	119.95 -2.54 0.00	100.95 -2.48 9.72	53.01 -1.98 34.27	54.51 -1.58 9.44	117.33 -1.60 -14.15	138.28 -0.60 -16.21	102.40 -1.95 -0.39	68.23 -1.61 -9.55	102.11 -3.65 26.18	29.25 -1.67 24.58	92.58 -2.24 -5.18	51.16 -0.95 -8.95	27.16 -1.21 15.81	25.23 -1.91 24.78	135.02 -4.10 0.00	145.44 -0.77 0.00	152.53 -1.24 0.00	175.79 -1.67 0.00	196.32 -2.01 0.00	144.09 -2.85 0.00	143.10 -0.09 0.00	140.19 1.73 0.00
OSWEGO___5 23606	125.67 -4.75 0.00	131.05 -5.02 0.00	118.10 -4.39 0.00	109.05 -4.10 0.00	86.00 -3.26 0.00	63.73 -2.22 -0.42	101.25 -3.52 0.00	118.42 -4.23 0.00	100.47 -3.49 0.00	59.93 -2.02 -1.66	127.18 -4.75 0.00	59.26 -1.89 -5.64	88.70 -3.25 -2.31	46.41 -1.59 -4.84	48.06 -1.62 -5.50	55.75 -1.89 -5.71	134.18 -4.93 0.00	140.90 -5.31 0.00	148.32 -5.44 0.00	171.35 -6.11 0.00	191.11 -7.22 0.00	141.78 -5.16 0.00	138.13 -5.06 0.00	133.44 -5.01 0.00



OSWEGO___6 23613	125.67 -4.75 0.00	131.05 -5.02 0.00	118.10 -4.39 0.00	109.05 -4.10 0.00	86.00 -3.26 0.00	63.73 -2.22 -0.42	101.25 -3.52 0.00	118.42 -4.23 0.00	100.47 -3.49 0.00	59.93 -2.02 -1.66	127.18 -4.75 0.00	59.26 -1.89 -5.64	88.70 -3.25 -2.31	46.41 -1.59 -4.84	48.06 -1.62 -5.50	55.75 -1.89 -5.71	134.18 -4.93 0.00	140.90 -5.31 0.00	148.32 -5.44 0.00	171.35 -6.11 0.00	191.11 -7.22 0.00	141.78 -5.16 0.00	138.13 -5.06 0.00	133.44 -5.01 0.00
OUTOKUMPU-AB___DRP 24206	119.00 -11.41 0.00	123.56 -12.51 0.00	111.93 -10.56 0.00	102.98 -10.17 0.00	80.84 -8.42 0.00	61.60 -5.87 -1.94	95.34 -9.43 0.00	110.12 -12.54 0.00	93.83 -10.13 0.00	58.54 -5.73 -3.98	118.38 -13.48 0.07	60.86 -5.70 -11.06	84.34 -9.83 -4.53	47.47 -5.18 -9.49	49.79 -5.19 -10.79	57.12 -6.02 -11.22	123.28 -15.83 0.00	129.92 -16.29 0.00	136.73 -17.03 0.00	160.44 -17.02 0.00	177.02 -21.31 0.00	132.08 -14.86 0.00	128.26 -14.93 0.00	124.47 -13.98 0.00
OXBOW___BTM 323836	117.16 -13.25 0.00	121.63 -14.43 0.00	110.22 -12.28 0.00	101.39 -11.76 0.00	79.60 -9.67 0.00	60.75 -6.71 -1.93	94.00 -10.77 0.00	108.58 -14.08 0.00	92.51 -11.45 0.00	57.76 -6.48 -3.95	116.81 -15.05 0.07	60.14 -6.34 -10.97	83.23 -4.84 -4.49	46.84 -5.74 -9.41	49.13 -5.75 -10.71	56.30 -6.76 -11.13	121.36 -17.76 0.00	127.74 -18.47 0.00	134.44 -19.32 0.00	157.80 -19.66 0.00	174.25 -24.08 0.00	130.02 -16.92 0.00	126.28 -16.91 0.00	122.66 -15.79 0.00
OXBOW____ 24026	117.15 -13.27 0.00	121.63 -14.43 0.00	110.22 -12.28 0.00	101.43 -11.72 0.00	79.62 -9.65 0.00	60.73 -6.73 -1.93	93.93 -10.84 0.00	108.49 -14.16 0.00	92.46 -11.51 0.00	57.75 -6.49 -3.95	116.74 -15.12 0.07	60.09 -6.39 -10.97	83.15 -4.82 -4.49	46.82 -5.76 -9.41	49.11 -5.78 -10.71	56.31 -6.75 -11.13	121.33 -17.79 0.00	127.77 -18.44 0.00	134.46 -19.30 0.00	157.87 -19.59 0.00	174.27 -24.06 0.00	130.03 -16.92 0.00	126.32 -16.87 0.00	122.62 -15.83 0.00
OXY_CHEM_DSASP 323612	115.72 -14.70 0.00	120.20 -15.86 0.00	109.01 -13.48 0.00	100.31 -12.84 0.00	78.75 -10.51 0.00	60.08 -7.36 -1.91	92.89 -11.88 0.00	107.26 -15.40 0.00	91.41 -12.56 0.00	57.13 -7.08 -3.91	115.51 -16.36 0.07	59.49 -6.90 -10.88	82.27 -11.82 -4.45	46.29 -6.21 -9.33	48.55 -6.25 -10.62	55.66 -7.31 -11.04	119.78 -19.34 0.00	126.05 -20.16 0.00	132.62 -21.14 0.00	155.87 -21.59 0.00	172.08 -26.24 0.00	128.43 -18.51 0.00	124.83 -18.36 0.00	121.22 -17.23 0.00
OZONE_PARK_ESR 323760	141.57 11.16 0.00	147.53 11.46 0.00	132.71 10.21 0.00	122.44 9.29 0.00	96.50 7.24 0.00	88.04 5.45 -17.06	123.14 8.15 -10.23	134.07 9.69 -1.73	115.71 8.77 -2.98	88.84 5.29 -23.25	144.11 12.18 0.00	123.86 5.50 -62.85	124.14 8.78 -25.71	101.31 4.25 -53.90	109.72 4.31 -61.22	120.66 5.27 -63.46	152.88 13.76 0.00	158.73 12.52 0.00	166.48 12.71 0.00	190.85 13.38 0.00	213.91 15.59 0.00	159.98 13.04 0.00	156.07 12.87 0.00	150.41 11.96 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	115.72 -14.70 0.00	120.20 -15.86 0.00	109.01 -13.48 0.00	100.31 -12.84 0.00	78.75 -10.51 0.00	60.08 -7.36 -1.91	92.89 -11.88 0.00	107.26 -15.40 0.00	91.41 -12.56 0.00	57.13 -7.08 -3.91	115.51 -16.36 0.07	59.49 -6.90 -10.88	82.27 -11.82 -4.45	46.29 -6.21 -9.33	48.55 -6.25 -10.62	55.66 -7.31 -11.04	119.78 -19.34 0.00	126.05 -20.16 0.00	132.62 -21.14 0.00	155.87 -21.59 0.00	172.08 -26.24 0.00	128.43 -18.51 0.00	124.83 -18.36 0.00	121.22 -17.23 0.00
PACKARD__115KV_DUPONT_184 80571	115.72 -14.70 0.00	120.20 -15.86 0.00	109.01 -13.48 0.00	100.31 -12.84 0.00	78.75 -10.51 0.00	60.08 -7.36 -1.91	92.89 -11.88 0.00	107.26 -15.40 0.00	91.41 -12.56 0.00	57.13 -7.08 -3.91	115.51 -16.36 0.07	59.49 -6.90 -10.88	82.27 -11.82 -4.45	46.29 -6.21 -9.33	48.55 -6.25 -10.62	55.66 -7.31 -11.04	119.78 -19.34 0.00	126.05 -20.16 0.00	132.62 -21.14 0.00	155.87 -21.59 0.00	172.08 -26.24 0.00	128.43 -18.51 0.00	124.83 -18.36 0.00	121.22 -17.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	140.16 9.74 0.00	146.24 10.18 0.00	131.47 8.97 0.00	121.42 8.27 0.00	95.52 6.26 0.00	87.39 4.80 -17.06	122.01 7.01 -10.23	132.49 8.10 -1.73	114.43 7.49 -2.98	88.06 4.51 -23.26	142.44 10.49 -0.02	123.15 4.77 -62.88	122.99 7.61 -25.74	100.78 3.70 -53.91	109.19 3.77 -61.23	120.01 4.61 -63.47	150.97 11.85 0.00	156.61 10.40 0.00	164.31 10.54 -0.01	188.32 10.86 0.00	211.39 13.06 0.00	158.14 11.20 0.00	154.21 11.00 -0.01	148.64 10.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	140.90 10.48 0.00	146.87 10.80 0.00	132.18 9.68 0.00	121.99 8.84 0.00	96.07 6.80 0.00	87.86 5.26 -17.06	122.75 7.75 -10.23	133.40 9.01 -1.73	115.23 8.29 -2.98	88.30 4.75 -23.26	142.92 10.97 -0.02	123.35 4.96 -62.88	123.24 7.86 -25.74	100.87 3.80 -53.91	109.28 3.86 -61.23	120.18 4.78 -63.47	151.47 12.35 0.00	157.21 11.00 0.00	165.38 11.61 -0.01	189.39 11.93 0.00	212.56 14.23 0.00	159.01 12.07 0.00	155.06 11.86 -0.01	149.48 11.03 0.00
PATROON__115KV_TB1 80586	136.30 5.88 0.00	142.05 5.99 0.00	128.20 5.70 0.00	118.58 5.43 0.00	93.64 4.37 0.00	138.65 3.13 -69.99	181.50 4.37 -72.36	139.95 5.05 -12.24	129.83 4.81 -21.05	104.63 3.06 -41.28	138.02 6.09 0.00	135.62 2.65 -77.47	125.56 4.22 -31.69	111.77 2.17 -66.44	121.75 2.11 -75.46	132.34 2.19 -78.22	144.46 5.34 0.00	150.63 4.42 0.00	158.02 4.26 0.00	182.08 4.62 0.00	203.94 5.61 0.00	152.02 5.08 0.00	148.18 4.99 0.00	143.27 4.82 0.00
PATTRSNVILLE___SOLAR 323815	136.82 6.40 0.00	142.72 6.65 0.00	128.50 6.00 0.00	118.60 5.45 0.00	93.51 4.24 0.00	177.71 3.26 -108.92	229.41 5.27 -119.37	148.96 6.11 -20.20	143.68 4.99 -34.73	115.56 2.78 -52.48	138.11 6.18 0.00	139.72 2.60 -81.62	127.09 4.06 -33.39	115.07 1.92 -69.99	125.71 2.04 -79.49	136.85 2.52 -82.40	146.28 7.16 0.00	153.33 7.12 0.00	161.12 7.36 0.00	185.84 8.38 0.00	207.74 9.41 0.00	154.54 7.60 0.00	150.56 7.37 0.00	145.37 6.91 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	123.69 -6.72 0.00	128.49 -7.57 0.00	116.41 -6.09 0.00	107.16 -6.00 0.00	84.21 -5.06 0.00	64.20 -3.42 -2.10	99.32 -5.45 0.00	115.23 -7.43 0.00	97.90 -6.06 0.00	61.08 -3.50 -4.29	123.43 -8.42 0.08	63.80 -3.62 -11.91	88.23 -6.28 -4.87	49.86 -3.52 -10.21	52.49 -3.31 -11.62	60.26 -3.74 -12.08	129.78 -9.34 0.00	136.65 -9.56 0.00	143.89 -9.87 0.00	168.27 -9.19 0.00	185.84 -12.49 0.00	138.62 -8.32 0.00	134.81 -8.38 0.00	130.47 -7.98 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	141.08 10.67 0.00	147.12 11.05 0.00	132.47 9.98 0.00	122.30 9.15 0.00	96.42 7.15 0.00	88.34 5.39 -17.41	123.62 8.31 -10.55	134.33 9.89 -1.79	115.76 8.73 -3.07	88.97 5.13 -23.54	143.37 11.44 0.00	124.08 5.06 -63.51	123.73 8.10 -25.98	101.53 3.90 -54.47	110.04 4.00 -61.86	120.96 4.91 -64.13	152.09 12.97 0.00	158.36 12.15 0.00	166.29 12.53 0.00	190.91 13.45 0.00	213.65 15.32 0.00	159.59 12.65 0.00	155.59 12.40 0.00	149.87 11.42 0.00
PEEKSKILL____ 23653	138.99 8.58 0.00	144.92 8.85 0.00	130.39 7.90 0.00	120.40 7.25 0.00	94.93 5.67 0.00	86.63 4.21 -16.88	121.12 6.23 -10.12	131.78 7.41 -1.71	113.56 6.65 -2.95	87.31 3.99 -23.02	141.04 9.11 0.00	121.86 4.14 -62.22	121.70 6.61 -25.45	99.73 3.21 -53.35	108.05 3.27 -60.60	118.80 4.06 -62.81	149.64 10.52 0.00	155.57 9.36 0.00	163.16 9.40 0.00	187.21 9.75 0.00	209.74 11.42 0.00	156.76 9.82 0.00	152.90 9.71 0.00	147.46 9.01 0.00



PGE MADISON___WINDPWR 24146	135.43 5.01 0.00	141.02 4.95 0.00	127.08 4.58 0.00	117.40 4.25 0.00	92.64 3.38 0.00	77.47 3.08 -8.86	117.50 5.57 -7.15	130.70 6.84 -1.21	111.27 5.23 -2.08	70.49 1.77 -8.43	134.89 2.84 -0.12	76.87 1.14 -20.23	99.57 1.65 -8.28	61.18 0.67 -17.35	64.79 0.89 -19.71	74.11 1.73 -20.45	145.12 6.00 0.00	154.32 8.10 0.00	163.21 9.45 0.00	188.24 10.78 0.00	208.79 10.46 0.00	154.49 7.54 0.00	150.03 6.84 0.00	145.60 7.15 0.00
PIERCEFIELD___HYD 23852	128.17 -2.24 0.00	133.23 -2.83 0.00	119.54 -2.95 0.00	95.56 -3.02 14.57	35.49 -2.39 51.39	49.00 -2.01 14.51	123.14 -2.32 -20.69	145.41 -0.95 -23.71	101.28 -2.84 -0.16	71.60 -2.12 -13.43	87.77 -4.58 39.58	14.46 -2.23 38.81	93.75 -2.48 -6.59	53.58 -1.12 -11.54	16.96 -1.58 25.65	10.18 -2.67 39.08	132.85 -6.27 0.00	143.94 -2.27 0.00	151.39 -2.38 0.00	174.98 -2.48 0.00	195.47 -2.86 0.00	142.23 -4.71 0.00	139.51 -3.69 0.00	136.43 -2.02 0.00
PINELAWN_CC_1 323563	141.72 11.31 0.00	147.86 11.79 0.00	133.29 10.79 0.00	123.14 9.99 0.00	97.31 8.05 0.00	197.97 6.10 -126.34	151.47 9.19 -37.51	152.90 10.95 -19.29	138.46 9.79 -24.71	95.15 5.61 -29.25	144.08 12.15 0.00	123.81 5.47 -62.84	134.28 8.81 -35.83	113.66 4.26 -66.24	109.64 4.25 -61.20	121.84 5.45 -64.46	153.11 13.99 0.00	158.57 12.36 0.00	166.59 12.83 0.00	190.81 13.35 0.00	213.19 14.86 0.00	159.45 12.51 0.00	155.82 12.63 0.00	150.64 12.18 0.00
PJM_GEN_HTP_PROXY 323702	139.95 9.54 0.00	145.93 9.86 0.00	131.29 8.80 0.00	121.24 8.09 0.00	95.52 6.25 0.00	87.29 4.70 -17.06	120.19 6.87 -8.56	133.58 8.20 -2.72	114.42 7.48 -2.98	88.09 4.54 -23.25	142.43 10.50 0.00	123.12 4.77 -62.85	122.98 7.63 -25.71	100.75 3.69 -53.90	109.16 3.76 -61.22	119.98 4.60 -63.45	151.03 11.91 0.00	156.74 10.53 0.00	164.30 10.53 0.00	188.24 10.78 0.00	211.07 12.74 0.00	156.91 10.88 0.91	154.04 10.85 0.00	148.53 10.08 0.00
PJM_GEN_KEystone 24065	58.48 -0.47 71.46	75.38 -0.64 60.04	117.41 -0.39 4.70	105.25 -0.57 7.34	88.76 -0.50 0.00	73.11 -0.27 -7.85	108.63 -0.83 -4.70	122.64 -1.13 -1.11	102.41 -0.66 0.89	68.95 -0.36 -9.02	51.69 -0.83 79.42	26.59 -0.17 28.74	94.96 -0.40 -5.71	76.39 -0.35 -33.59	74.47 -0.26 -30.54	68.83 -0.21 -17.12	69.54 -0.56 69.02	60.28 -1.55 84.38	90.03 -1.82 61.92	77.70 -2.07 97.69	135.54 -2.73 60.06	145.17 -0.86 0.91	99.27 -0.73 43.20	127.43 -0.90 10.12
PJM_GEN_NEPTUNE_PROXY 323594	140.20 9.78 0.00	146.37 10.31 0.00	131.83 9.33 0.00	121.84 8.68 0.00	96.19 6.92 0.00	146.26 5.23 -75.49	135.34 7.80 -22.76	143.41 9.29 -11.46	126.79 8.33 -14.49	91.66 4.90 -26.46	142.81 10.88 0.00	123.29 4.95 -62.84	128.81 8.03 -31.13	107.53 3.86 -60.51	109.24 3.85 -61.20	120.78 4.86 -63.99	151.45 12.33 0.00	156.72 10.51 0.00	164.44 10.68 0.00	188.49 11.03 0.00	210.86 12.53 0.00	156.84 10.81 0.91	154.13 10.94 0.00	148.96 10.51 0.00
PJM_GEN_VFT_PROXY 323633	139.22 8.81 0.00	145.17 9.10 0.00	130.55 8.06 0.00	120.49 7.34 0.00	95.01 5.75 0.00	86.89 4.30 -17.06	115.66 6.18 -4.71	118.45 7.35 11.56	105.44 6.73 5.26	87.64 4.10 -23.25	132.40 9.61 9.14	122.81 4.46 -62.85	122.46 7.11 -25.71	100.53 3.46 -53.90	108.91 3.51 -61.22	119.69 4.30 -63.46	150.17 11.05 0.00	155.24 9.65 0.62	156.53 9.72 6.96	184.96 9.80 2.30	209.93 11.60 0.00	156.06 10.03 0.91	153.22 10.02 0.00	147.76 9.31 0.00
PLATSBURG_115KV_PMLD1 355749	127.87 -2.54 0.00	133.08 -2.99 0.00	119.56 -2.94 0.00	91.81 -3.07 18.27	16.15 -2.68 70.43	-20.95 -2.17 84.31	-21.04 -2.99 122.82	-21.00 -2.94 140.72	-20.61 -3.03 121.55	-21.09 -2.03 79.36	-20.77 -4.25 148.46	-20.72 -2.14 74.08	-21.28 -3.11 107.82	-21.33 -1.48 63.01	-20.79 -1.57 63.40	-10.39 -1.90 60.42	135.81 -3.31 0.00	145.46 -0.75 0.00	152.56 -1.21 0.00	175.26 -2.20 0.00	196.54 -1.79 0.00	144.34 -2.60 0.00	139.93 -3.26 0.00	135.51 -2.94 0.00
PLEASANTVLY___LBMP 24000	138.58 8.17 0.00	144.54 8.48 0.00	130.17 7.68 0.00	120.18 7.02 0.00	94.72 5.46 0.00	87.46 4.06 -17.87	121.55 6.00 -10.78	131.56 7.09 -1.82	113.53 6.43 -3.14	88.40 3.86 -24.25	140.59 8.65 0.00	124.89 3.89 -65.49	122.68 6.24 -26.79	102.36 3.03 -56.17	111.08 3.10 -63.79	121.85 3.80 -66.13	148.94 9.82 0.00	154.79 8.58 0.00	162.40 8.63 0.00	186.50 9.04 0.00	208.92 10.59 0.00	156.17 9.23 0.00	152.45 9.26 0.00	147.03 8.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	139.81 9.40 0.00	145.70 9.64 0.00	131.13 8.63 0.00	121.03 7.88 0.00	95.39 6.13 0.00	87.29 4.59 -17.17	121.87 6.81 -10.29	132.49 8.09 -1.74	114.29 7.33 -2.99	88.07 4.36 -23.42	141.85 9.92 0.00	123.30 4.48 -63.31	122.74 7.20 -25.90	100.93 3.47 -54.30	109.39 3.54 -61.67	120.20 4.35 -63.92	150.44 11.32 0.00	156.37 10.16 0.00	163.92 10.15 0.00	188.17 10.71 0.00	210.66 12.33 0.00	157.51 10.57 0.00	153.73 10.53 0.00	148.21 9.76 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	139.81 9.40 0.00	145.70 9.64 0.00	131.13 8.63 0.00	121.03 7.88 0.00	95.39 6.13 0.00	87.29 4.59 -17.17	121.87 6.81 -10.29	132.49 8.09 -1.74	114.29 7.33 -2.99	88.07 4.36 -23.42	141.85 9.92 0.00	123.30 4.48 -63.31	122.74 7.20 -25.90	100.93 3.47 -54.30	109.39 3.54 -61.67	120.20 4.35 -63.92	150.44 11.32 0.00	156.37 10.16 0.00	163.92 10.15 0.00	188.17 10.71 0.00	210.66 12.33 0.00	157.51 10.57 0.00	153.73 10.53 0.00	148.21 9.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	140.06 9.65 0.00	146.05 9.99 0.00	131.53 9.04 0.00	121.48 8.33 0.00	95.75 6.48 0.00	88.66 4.83 -18.29	123.68 7.41 -11.50	133.40 8.79 -1.95	115.11 7.80 -3.35	88.85 4.57 -23.99	142.10 10.17 0.00	124.21 4.48 -64.23	123.12 7.20 -26.28	101.71 3.46 -55.08	110.31 3.57 -62.56	121.15 4.38 -64.85	150.66 11.55 0.00	156.88 10.68 0.00	164.80 11.04 0.00	189.23 11.77 0.00	211.80 13.47 0.00	158.27 11.32 0.00	154.34 11.14 0.00	148.76 10.31 0.00
POLETTI___ 23519	140.04 9.63 0.00	146.00 9.93 0.00	131.32 8.82 0.00	121.18 8.04 0.00	95.51 6.25 0.00	87.26 4.67 -17.06	121.79 6.80 -10.23	132.50 8.11 -1.73	114.34 7.40 -2.98	88.06 4.51 -23.25	142.45 10.52 0.00	123.16 4.80 -62.85	123.02 7.67 -25.71	100.78 3.72 -53.90	109.18 3.78 -61.22	120.01 4.63 -63.46	151.08 11.96 0.00	156.66 10.44 0.00	164.17 10.40 0.00	187.96 10.49 0.00	210.70 12.37 0.00	157.76 10.82 0.00	154.09 10.89 0.00	148.72 10.27 0.00
POMONA___ESR 323819	138.76 8.34 0.00	144.67 8.61 0.00	130.17 7.67 0.00	120.17 7.02 0.00	94.79 5.53 0.00	86.06 4.10 -16.43	120.66 6.05 -9.84	131.46 7.14 -1.67	113.21 6.39 -2.86	86.57 3.85 -22.43	140.72 8.79 0.00	120.13 4.00 -60.63	120.79 6.34 -24.81	98.26 3.10 -52.00	106.42 3.18 -59.06	117.09 3.95 -61.22	149.42 10.30 0.00	155.40 9.19 0.00	162.98 9.22 0.00	187.04 9.57 0.00	209.51 11.18 0.00	156.56 9.62 0.00	152.65 9.46 0.00	147.19 8.74 0.00
PORT_JEFF_3 23555	141.85 11.43 0.00	148.21 12.14 0.00	133.63 11.13 0.00	123.56 10.40 0.00	97.67 8.41 0.00	205.42 6.56 -133.34	170.02 9.91 -55.34	182.28 11.79 -47.83	145.11 10.48 -30.66	95.45 5.90 -29.25	144.45 12.52 0.00	123.90 5.56 -62.84	134.58 9.11 -35.83	113.73 4.33 -66.24	109.60 4.21 -61.20	121.74 5.36 -64.46	152.38 13.26 0.00	157.40 11.19 0.00	165.01 11.25 0.00	189.01 11.55 0.00	210.92 12.60 0.00	158.26 11.31 0.00	155.13 11.94 0.00	150.38 11.93 0.00



PORT_JEFF_4 23616	141.85 11.43 0.00	148.21 12.14 0.00	133.63 11.13 0.00	123.56 10.40 0.00	97.67 8.41 0.00	205.42 6.56 -133.34	170.02 9.91 -55.34	182.28 11.79 -47.83	145.11 10.48 -30.66	95.45 5.90 -29.25	144.45 12.52 0.00	123.90 5.56 -62.84	134.58 9.11 -35.83	113.73 4.33 -66.24	109.60 4.21 -61.20	121.74 5.36 -64.46	152.38 13.26 0.00	157.40 11.19 0.00	165.01 11.25 0.00	189.01 11.55 0.00	210.92 12.60 0.00	158.26 11.31 0.00	155.13 11.94 0.00	150.38 11.93 0.00
PORT_JEFF_IC 23713	141.93 11.51 0.00	148.26 12.20 0.00	133.65 11.15 0.00	123.58 10.42 0.00	97.70 8.44 0.00	205.79 6.59 -133.67	170.96 10.00 -56.19	183.81 11.95 -49.19	145.50 10.59 -30.95	95.46 5.91 -29.25	144.51 12.58 0.00	123.93 5.59 -62.84	134.60 9.13 -35.83	113.75 4.35 -66.24	109.64 4.25 -61.20	121.82 5.43 -64.46	152.67 13.56 0.00	157.84 11.63 0.00	165.55 11.79 0.00	189.60 12.14 0.00	211.56 13.23 0.00	158.68 11.74 0.00	155.41 12.22 0.00	150.65 12.20 0.00
PPL PILGRIM_ST_GT1 24216	142.21 11.80 0.00	148.64 12.57 0.00	134.04 11.54 0.00	123.96 10.81 0.00	97.91 8.64 0.00	198.88 6.61 -126.74	153.01 9.72 -38.52	154.86 11.29 -20.92	139.39 10.38 -25.05	95.58 6.03 -29.25	144.94 13.01 0.00	124.17 5.83 -62.84	134.89 9.41 -35.83	113.98 4.59 -66.24	109.93 4.54 -61.20	122.25 5.86 -64.46	154.01 14.89 0.00	159.29 13.08 0.00	167.33 13.57 0.00	191.80 14.33 0.00	214.03 15.71 0.00	160.24 13.30 0.00	156.70 13.50 0.00	151.69 13.24 0.00
PPL PILGRIM_ST_GT2 24217	142.21 11.80 0.00	148.64 12.57 0.00	134.04 11.54 0.00	123.96 10.81 0.00	97.91 8.64 0.00	198.88 6.61 -126.74	153.01 9.72 -38.52	154.86 11.29 -20.92	139.39 10.38 -25.05	95.58 6.03 -29.25	144.94 13.01 0.00	124.17 5.83 -62.84	134.89 9.41 -35.83	113.98 4.59 -66.24	109.93 4.54 -61.20	122.25 5.86 -64.46	154.01 14.89 0.00	159.29 13.08 0.00	167.33 13.57 0.00	191.80 14.33 0.00	214.03 15.71 0.00	160.24 13.30 0.00	156.70 13.50 0.00	151.69 13.24 0.00
PPL_SHRM_GT3 24213	142.39 11.98 0.00	148.74 12.67 0.00	134.10 11.60 0.00	124.01 10.86 0.00	98.08 8.82 0.00	205.81 7.06 -133.22	170.80 11.00 -55.03	183.15 13.16 -47.34	145.98 11.46 -30.56	95.84 6.30 -29.25	145.18 13.24 0.00	124.15 5.81 -62.84	134.95 9.47 -35.83	113.90 4.50 -66.24	109.86 4.48 -61.20	121.95 5.56 -64.46	153.49 14.37 0.00	159.37 13.16 0.00	167.45 13.68 0.00	191.72 14.25 0.00	213.93 15.60 0.00	160.16 13.22 0.00	156.71 13.52 0.00	151.72 13.27 0.00
PPL_SHRM_GT4 24214	142.39 11.98 0.00	148.74 12.67 0.00	134.10 11.60 0.00	124.01 10.86 0.00	98.08 8.82 0.00	205.81 7.06 -133.22	170.80 11.00 -55.03	183.15 13.16 -47.34	145.98 11.46 -30.56	95.84 6.30 -29.25	145.18 13.24 0.00	124.15 5.81 -62.84	134.95 9.47 -35.83	113.90 4.50 -66.24	109.86 4.48 -61.20	121.95 5.56 -64.46	153.49 14.37 0.00	159.37 13.16 0.00	167.45 13.68 0.00	191.72 14.25 0.00	213.93 15.60 0.00	160.16 13.22 0.00	156.71 13.52 0.00	151.72 13.27 0.00
PROJECT___ORANGE 1 24174	127.15 -3.26 0.00	132.58 -3.48 0.00	119.48 -3.01 0.00	110.34 -2.81 0.00	87.04 -2.23 0.00	64.66 -1.40 -0.52	102.68 -2.09 0.00	120.08 -2.58 0.00	101.90 -2.06 0.00	61.16 -1.19 -2.06	128.95 -2.98 0.00	61.37 -1.14 -7.01	90.43 -2.08 -2.87	48.12 -1.05 -6.01	49.97 -1.05 -6.83	57.86 -1.15 -7.08	136.15 -2.97 0.00	142.94 -3.27 0.00	150.46 -3.30 0.00	173.85 -3.61 0.00	193.72 -4.61 0.00	143.80 -3.15 0.00	140.04 -3.15 0.00	135.18 -3.27 0.00
PROJECT___ORANGE 2 24166	127.15 -3.26 0.00	132.58 -3.48 0.00	119.48 -3.01 0.00	110.34 -2.81 0.00	87.04 -2.23 0.00	64.66 -1.40 -0.52	102.68 -2.09 0.00	120.08 -2.58 0.00	101.90 -2.06 0.00	61.16 -1.19 -2.06	128.95 -2.98 0.00	61.37 -1.14 -7.01	90.43 -2.08 -2.87	48.12 -1.05 -6.01	49.97 -1.05 -6.83	57.86 -1.15 -7.08	136.15 -2.97 0.00	142.94 -3.27 0.00	150.46 -3.30 0.00	173.85 -3.61 0.00	193.72 -4.61 0.00	143.80 -3.15 0.00	140.04 -3.15 0.00	135.18 -3.27 0.00
PUCKETT___SOLAR 323809	130.87 0.46 0.00	136.42 0.35 0.00	122.93 0.43 0.00	113.47 0.31 0.00	89.46 0.19 0.00	74.09 0.49 -8.07	111.84 1.02 -6.05	124.94 1.25 -1.02	106.48 0.75 -1.76	68.74 -0.14 -8.59	131.09 -0.84 0.00	76.69 -0.34 -21.52	97.91 -0.54 -8.80	61.29 -0.33 -18.46	64.87 -0.28 -20.97	73.52 -0.16 -21.75	139.49 0.37 0.00	147.03 0.82 0.00	155.08 1.32 0.00	178.88 1.42 0.00	199.16 0.83 0.00	148.06 1.12 0.00	144.21 1.02 0.00	139.36 0.91 0.00
PYRITES___HYD 24023	130.47 0.06 0.00	135.67 -0.40 0.00	121.79 -0.70 0.00	97.24 -0.95 14.97	35.61 -0.75 52.90	48.62 -0.73 16.18	123.23 -0.16 -18.62	145.56 1.57 -21.33	100.83 -1.13 2.01	70.85 -1.51 -12.06	86.12 -3.35 42.47	13.29 -1.78 40.44	92.72 -1.59 -4.67	52.92 -0.66 -10.41	16.14 -1.04 27.00	9.61 -1.85 40.46	135.46 -3.66 0.00	147.33 1.13 0.00	155.32 1.56 0.00	179.61 2.15 0.00	200.38 2.05 0.00	145.46 -1.48 0.00	142.17 -1.03 0.00	138.75 0.30 0.00
QUAKERRD_115KV_BK1 80622	121.42 -8.99 0.00	126.44 -9.63 0.00	114.19 -8.30 0.00	105.34 -7.81 0.00	83.05 -6.21 0.00	62.84 -4.21 -1.52	98.24 -6.53 0.00	114.47 -8.19 0.00	97.24 -6.72 0.00	59.64 -3.80 -3.15	122.83 -9.06 0.04	60.64 -3.66 -8.80	86.85 -6.40 -3.60	47.42 -3.28 -7.54	49.44 -3.32 -8.58	56.95 -3.89 -8.91	128.84 -10.27 0.00	135.52 -10.69 0.00	142.66 -11.10 0.00	165.85 -11.61 0.00	184.04 -14.29 0.00	136.60 -10.34 0.00	132.72 -10.48 0.00	128.21 -10.24 0.00
QUENSBRY_115KV_TB8 356137	143.19 12.78 0.00	149.20 13.13 0.00	134.25 11.75 0.00	123.98 10.82 0.00	97.84 8.58 0.00	174.99 6.73 -102.73	227.62 10.88 -111.97	154.27 12.67 -18.94	147.41 10.87 -32.58	116.93 6.34 -50.30	145.63 13.70 0.00	140.55 5.63 -79.42	131.19 9.05 -32.49	115.54 4.27 -68.11	126.08 4.54 -77.36	137.57 5.45 -80.19	153.93 14.82 0.00	161.11 14.90 0.00	168.87 15.11 0.00	194.96 17.50 0.00	217.68 19.35 0.00	162.04 15.10 0.00	157.96 14.77 0.00	152.61 14.16 0.00
RAMAPO___LBMP 323565	138.16 7.75 0.00	144.10 8.04 0.00	129.65 7.15 0.00	119.70 6.54 0.00	94.42 5.16 0.00	85.73 3.82 -16.38	120.16 5.59 -9.80	130.91 6.59 -1.66	112.73 5.92 -2.85	86.20 3.55 -22.35	140.04 8.11 0.00	119.66 3.72 -60.44	120.27 5.89 -24.73	97.87 2.88 -51.83	106.00 2.95 -58.87	116.63 3.68 -61.02	148.72 9.60 0.00	154.67 8.45 0.00	162.21 8.45 0.00	186.17 8.71 0.00	208.56 10.23 0.00	155.86 8.91 0.00	151.94 8.75 0.00	146.59 8.14 0.00
RANKINE____ 23646	121.24 -9.17 0.00	125.90 -10.17 0.00	114.08 -8.42 0.00	105.00 -8.16 0.00	82.48 -6.78 0.00	62.93 -4.65 -2.05	97.38 -7.38 0.00	112.77 -9.89 0.00	95.87 -8.09 0.00	59.84 -4.66 -4.20	120.73 -11.12 0.08	62.54 -4.64 -11.67	86.27 -8.15 -4.78	48.85 -4.33 -10.01	51.35 -4.23 -11.39	58.96 -4.81 -11.84	126.71 -12.41 0.00	133.45 -12.76 0.00	140.52 -13.24 0.00	164.50 -12.96 0.00	181.56 -16.76 0.00	135.49 -11.45 0.00	131.79 -11.40 0.00	127.54 -10.91 0.00
RAVENSWOOD_GT2_1 24244	140.15 9.73 0.00	146.22 10.16 0.00	131.51 9.02 0.00	121.38 8.23 0.00	95.65 6.39 0.00	87.37 4.78 -17.06	121.99 6.99 -10.23	132.64 8.25 -1.73	114.46 7.52 -2.98	88.12 4.57 -23.26	142.53 10.60 0.00	123.19 4.82 -62.86	123.08 7.72 -25.71	100.80 3.74 -53.90	109.22 3.81 -61.22	120.05 4.66 -63.46	151.16 12.04 0.00	156.87 10.66 0.00	164.49 10.73 0.00	188.50 11.04 0.00	211.37 13.04 0.00	158.07 11.13 0.00	154.32 11.13 0.00	148.79 10.34 0.00



RAVENSWOOD_GT2_2 24245	140.15 9.73 0.00	146.22 10.16 0.00	131.51 9.02 0.00	121.38 8.23 0.00	95.65 6.39 0.00	87.37 4.78 -17.06	121.99 6.99 -10.23	132.64 8.25 -1.73	114.46 7.52 -2.98	88.12 4.57 -23.26	142.53 10.60 0.00	123.19 4.82 -62.86	123.08 7.72 -25.71	100.80 3.74 -53.90	109.22 3.81 -61.22	120.05 4.66 -63.46	151.16 12.04 0.00	156.87 10.66 0.00	164.49 10.73 0.00	188.50 11.04 0.00	211.37 13.04 0.00	158.07 11.13 0.00	154.32 11.13 0.00	148.79 10.34 0.00
RAVENSWOOD_GT2_3 24246	140.27 9.86 0.00	146.28 10.21 0.00	131.59 9.10 0.00	121.44 8.29 0.00	95.71 6.45 0.00	87.43 4.83 -17.06	122.06 7.06 -10.23	132.72 8.33 -1.73	114.53 7.59 -2.98	88.16 4.61 -23.26	142.63 10.70 0.00	123.23 4.87 -62.86	123.13 7.77 -25.71	100.83 3.76 -53.91	109.24 3.83 -61.22	120.09 4.70 -63.46	151.26 12.14 0.00	156.98 10.77 0.00	164.58 10.82 0.00	188.65 11.19 0.00	211.53 13.21 0.00	158.15 11.21 0.00	154.39 11.20 0.00	148.85 10.40 0.00
RAVENSWOOD_GT2_4 24247	140.27 9.86 0.00	146.28 10.21 0.00	131.59 9.10 0.00	121.44 8.29 0.00	95.71 6.45 0.00	87.43 4.83 -17.06	122.06 7.06 -10.23	132.72 8.33 -1.73	114.53 7.59 -2.98	88.16 4.61 -23.26	142.63 10.70 0.00	123.23 4.87 -62.86	123.13 7.77 -25.71	100.83 3.76 -53.91	109.24 3.83 -61.22	120.09 4.70 -63.46	151.26 12.14 0.00	156.98 10.77 0.00	164.58 10.82 0.00	188.65 11.19 0.00	211.53 13.21 0.00	158.15 11.21 0.00	154.39 11.20 0.00	148.85 10.40 0.00
RAVENSWOOD_GT3_1 24248	140.16 9.75 0.00	146.22 10.16 0.00	131.52 9.03 0.00	121.38 8.23 0.00	95.66 6.40 0.00	87.38 4.79 -17.06	121.99 6.99 -10.23	132.64 8.25 -1.73	114.46 7.52 -2.98	88.12 4.57 -23.26	142.53 10.60 0.00	123.19 4.82 -62.86	123.08 7.72 -25.71	100.80 3.74 -53.90	109.22 3.81 -61.22	120.06 4.67 -63.46	151.16 12.04 0.00	156.88 10.67 0.00	164.51 10.74 0.00	188.50 11.04 0.00	211.40 13.07 0.00	158.07 11.13 0.00	154.32 11.13 0.00	148.79 10.34 0.00
RAVENSWOOD_GT3_2 24249	140.16 9.75 0.00	146.22 10.16 0.00	131.52 9.03 0.00	121.38 8.23 0.00	95.66 6.40 0.00	87.38 4.79 -17.06	121.99 6.99 -10.23	132.64 8.25 -1.73	114.46 7.52 -2.98	88.12 4.57 -23.26	142.53 10.60 0.00	123.19 4.82 -62.86	123.08 7.72 -25.71	100.80 3.74 -53.90	109.22 3.81 -61.22	120.06 4.67 -63.46	151.16 12.04 0.00	156.88 10.67 0.00	164.51 10.74 0.00	188.50 11.04 0.00	211.40 13.07 0.00	158.07 11.13 0.00	154.32 11.13 0.00	148.79 10.34 0.00
RAVENSWOOD_GT3_3 24250	140.40 9.99 0.00	146.39 10.33 0.00	131.70 9.20 0.00	121.53 8.38 0.00	95.80 6.53 0.00	87.49 4.90 -17.06	122.17 7.17 -10.23	132.85 8.47 -1.73	114.64 7.70 -2.98	88.24 4.69 -23.26	142.76 10.83 0.00	123.29 4.93 -62.86	123.23 7.87 -25.71	100.88 3.82 -53.90	109.29 3.89 -61.22	120.15 4.75 -63.46	151.44 12.32 0.00	157.15 10.94 0.00	164.80 11.03 0.00	188.86 11.40 0.00	211.73 13.40 0.00	158.31 11.37 0.00	154.54 11.35 0.00	149.00 10.55 0.00
RAVENSWOOD_GT3_4 24251	140.40 9.99 0.00	146.39 10.33 0.00	131.70 9.20 0.00	121.53 8.38 0.00	95.80 6.53 0.00	87.49 4.90 -17.06	122.17 7.17 -10.23	132.85 8.47 -1.73	114.64 7.70 -2.98	88.24 4.69 -23.26	142.76 10.83 0.00	123.29 4.93 -62.86	123.23 7.87 -25.71	100.88 3.82 -53.90	109.29 3.89 -61.22	120.15 4.75 -63.46	151.44 12.32 0.00	157.15 10.94 0.00	164.80 11.03 0.00	188.86 11.40 0.00	211.73 13.40 0.00	158.31 11.37 0.00	154.54 11.35 0.00	149.00 10.55 0.00
RAVENSWOOD_GT_1 23729	140.78 10.36 0.00	146.84 10.77 0.00	131.99 9.49 0.00	121.85 8.69 0.00	98.23 6.73 -2.23	90.70 5.10 -20.07	122.38 7.38 -10.23	239.53 8.70 -108.17	312.53 8.02 -200.55	147.95 4.88 -82.78	237.87 11.38 -94.56	219.64 5.16 -158.97	204.24 8.26 -106.34	140.52 3.99 -93.37	149.72 4.07 -101.47	200.73 4.96 -143.84	264.97 12.80 -113.05	276.22 11.37 -118.63	329.76 11.62 -164.37	239.67 11.81 -50.41	361.21 14.13 -148.75	216.03 11.89 -57.20	242.96 11.99 -87.78	165.67 11.06 -16.15
RAVENSWOOD_GT_10 24258	140.15 9.74 0.00	146.23 10.17 0.00	131.53 9.04 0.00	121.39 8.24 0.00	95.95 6.41 -0.28	87.76 4.79 -17.43	121.99 6.99 -10.23	145.84 8.25 -14.93	138.96 7.52 -27.48	95.50 4.57 -30.64	150.92 10.58 -8.41	127.89 4.82 -67.57	126.51 7.72 -29.15	102.30 3.73 -55.41	113.49 3.80 -65.51	129.81 4.65 -73.23	165.18 12.04 -14.02	171.42 10.66 -14.56	183.49 10.73 -18.99	194.75 11.04 -6.25	229.80 13.02 -18.45	164.99 11.12 -6.93	161.57 11.13 -7.25	150.77 10.32 -2.00
RAVENSWOOD_GT_11 24259	140.15 9.74 0.00	146.23 10.17 0.00	131.53 9.04 0.00	121.39 8.24 0.00	95.95 6.41 -0.28	87.76 4.79 -17.43	121.99 6.99 -10.23	145.84 8.25 -14.93	138.96 7.52 -27.48	95.50 4.57 -30.64	150.92 10.58 -8.41	127.89 4.82 -67.57	126.51 7.72 -29.15	102.30 3.73 -55.41	113.49 3.80 -65.51	129.81 4.65 -73.23	165.18 12.04 -14.02	171.42 10.66 -14.56	183.49 10.73 -18.99	194.75 11.04 -6.25	229.80 13.02 -18.45	164.99 11.12 -6.93	161.57 11.13 -7.25	150.77 10.32 -2.00
RAVENSWOOD_GT_4 24252	140.13 9.71 0.00	146.14 10.08 0.00	131.45 8.96 0.00	121.33 8.18 0.00	97.30 6.37 -1.67	89.60 4.76 -19.30	121.94 6.94 -10.23	212.02 8.20 -81.16	261.85 7.48 -150.41	132.49 4.53 -67.67	193.11 10.55 -50.63	151.48 4.78 -91.20	143.68 7.66 -46.38	109.80 3.71 -62.93	134.95 3.77 -86.99	178.81 4.63 -122.26	235.45 11.97 -84.36	244.40 10.60 -87.60	278.66 10.60 -114.30	226.02 10.94 -37.62	322.22 12.89 -111.00	199.68 11.02 -41.71	197.80 10.99 -43.62	160.72 10.22 -12.05
RAVENSWOOD_GT_5 24254	140.13 9.71 0.00	146.14 10.08 0.00	131.45 8.96 0.00	121.33 8.18 0.00	97.30 6.37 -1.67	89.60 4.76 -19.30	121.94 6.94 -10.23	212.02 8.20 -81.16	261.85 7.48 -150.41	132.49 4.53 -67.67	193.11 10.55 -50.63	151.48 4.78 -91.20	143.68 7.66 -46.38	109.80 3.71 -62.93	134.95 3.77 -86.99	178.81 4.63 -122.26	235.45 11.97 -84.36	244.40 10.60 -87.60	278.66 10.60 -114.30	226.02 10.94 -37.62	322.22 12.89 -111.00	199.68 11.02 -41.71	197.80 10.99 -43.62	160.72 10.22 -12.05
RAVENSWOOD_GT_6 24253	140.13 9.71 0.00	146.14 10.08 0.00	131.45 8.96 0.00	121.33 8.18 0.00	97.30 6.37 -1.67	89.60 4.76 -19.30	121.94 6.94 -10.23	212.02 8.20 -81.16	261.85 7.48 -150.41	132.49 4.53 -67.67	193.11 10.55 -50.63	151.48 4.78 -91.20	143.68 7.66 -46.38	109.80 3.71 -62.93	134.95 3.77 -86.99	178.81 4.63 -122.26	235.45 11.97 -84.36	244.40 10.60 -87.60	278.66 10.60 -114.30	226.02 10.94 -37.62	322.22 12.89 -111.00	199.68 11.02 -41.71	197.80 10.99 -43.62	160.72 10.22 -12.05
RAVENSWOOD_GT_7 24255	140.13 9.71 0.00	146.14 10.08 0.00	131.45 8.96 0.00	121.33 8.18 0.00	97.30 6.37 -1.67	89.60 4.76 -19.30	121.94 6.94 -10.23	212.02 8.20 -81.16	261.85 7.48 -150.41	132.49 4.53 -67.67	193.11 10.55 -50.63	151.48 4.78 -91.20	143.68 7.66 -46.38	109.80 3.71 -62.93	134.95 3.77 -86.99	178.81 4.63 -122.26	235.45 11.97 -84.36	244.40 10.60 -87.60	278.66 10.60 -114.30	226.02 10.94 -37.62	322.22 12.89 -111.00	199.68 11.02 -41.71	197.80 10.99 -43.62	160.72 10.22 -12.05
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	140.15 9.74 0.00	146.23 10.17 0.00	131.53 9.04 0.00	121.39 8.24 0.00	95.95 6.41 -0.28	87.76 4.79 -17.43	121.99 6.99 -10.23	145.84 8.25 -14.93	138.96 7.52 -27.48	95.50 4.57 -30.64	150.92 10.58 -8.41	127.89 4.82 -67.57	126.51 7.72 -29.15	102.30 3.73 -55.41	113.49 3.80 -65.51	129.81 4.65 -73.23	165.18 12.04 -14.02	171.42 10.66 -14.56	183.49 10.73 -18.99	194.75 11.04 -6.25	229.80 13.02 -18.45	164.99 11.12 -6.93	161.57 11.13 -7.25	150.77 10.32 -2.00



RAVENSWOOD_GT_9 24257	140.15 9.74 0.00	146.23 10.17 0.00	131.53 9.04 0.00	121.39 8.24 0.00	95.95 6.41 -0.28	87.76 4.79 -17.43	121.99 6.99 -10.23	145.84 8.25 -14.93	138.96 7.52 -27.48	95.50 4.57 -30.64	150.92 10.58 -8.41	127.89 4.82 -67.57	126.51 7.72 -29.15	102.30 3.73 -55.41	113.49 3.80 -65.51	129.81 4.65 -73.23	165.18 12.04 -14.02	171.42 10.66 -14.56	183.49 10.73 -18.99	194.75 11.04 -6.25	229.80 13.02 -18.45	164.99 11.12 -6.93	161.57 11.13 -7.25	150.77 10.32 -2.00
RAVENSWOOD___1 23533	140.54 10.12 0.00	146.57 10.50 0.00	131.74 9.25 0.00	121.63 8.48 0.00	93.65 6.58 2.20	84.61 4.97 -14.11	122.21 7.21 -10.23	28.26 8.50 102.89	-79.40 7.86 191.23	29.81 4.77 35.25	76.40 11.15 66.69	86.08 5.05 -25.53	96.21 8.08 1.51	89.08 3.91 -42.01	75.45 3.98 -27.28	42.81 4.86 13.98	40.52 12.52 111.12	41.93 11.11 115.39	14.63 11.42 150.55	139.58 11.66 49.55	66.02 13.90 146.21	103.74 11.74 54.95	97.47 11.74 57.46	133.46 10.88 15.87
RAVENSWOOD___2 23534	140.54 10.12 0.00	146.57 10.50 0.00	131.74 9.25 0.00	121.63 8.48 0.00	93.65 6.58 2.20	84.61 4.97 -14.11	122.21 7.21 -10.23	28.26 8.50 102.89	-79.40 7.86 191.23	29.81 4.77 35.25	76.40 11.15 66.69	86.08 5.05 -25.53	96.21 8.08 1.51	89.08 3.91 -42.01	75.45 3.98 -27.28	42.81 4.86 13.98	40.52 12.52 111.12	41.93 11.11 115.39	14.63 11.42 150.55	139.58 11.66 49.55	66.02 13.90 146.21	103.74 11.74 54.95	97.47 11.74 57.46	133.46 10.88 15.87
RAVENSWOOD___3 23535	140.19 9.77 0.00	146.25 10.18 0.00	131.54 9.05 0.00	121.40 8.25 0.00	95.68 6.41 0.00	87.39 4.80 -17.06	121.99 6.99 -10.23	132.65 8.26 -1.73	114.49 7.55 -2.98	88.12 4.57 -23.26	142.56 10.62 0.00	123.20 4.83 -62.86	123.10 7.74 -25.71	100.80 3.74 -53.91	109.22 3.81 -61.22	120.06 4.67 -63.46	151.16 12.04 0.00	156.87 10.66 0.00	164.53 10.77 0.00	188.56 11.09 0.00	211.42 13.09 0.00	158.11 11.17 0.00	154.32 11.13 0.00	148.80 10.35 0.00
RAVENSWOOD___4 23820	140.54 10.12 0.00	146.57 10.50 0.00	131.74 9.25 0.00	121.63 8.48 0.00	93.65 6.58 2.20	84.61 4.97 -14.11	122.21 7.21 -10.23	28.26 8.50 102.89	-79.40 7.86 191.23	29.81 4.77 35.25	76.40 11.15 66.69	86.08 5.05 -25.53	96.21 8.08 1.51	89.08 3.91 -42.01	75.45 3.98 -27.28	42.81 4.86 13.98	40.52 12.52 111.12	41.93 11.11 115.39	14.63 11.42 150.55	139.58 11.66 49.55	66.02 13.90 146.21	103.74 11.74 54.95	97.47 11.74 57.46	133.46 10.88 15.87
RCPI_TRUST___DRP 24196	140.04 9.63 0.00	146.04 9.97 0.00	131.40 8.91 0.00	121.33 8.18 0.00	95.61 6.34 0.00	87.35 4.76 -17.06	121.98 6.98 -10.23	132.71 8.33 -1.73	114.53 7.59 -2.98	88.17 4.63 -23.25	142.64 10.71 0.00	123.23 4.87 -62.85	123.13 7.77 -25.71	100.83 3.77 -53.90	109.24 3.84 -61.22	120.08 4.70 -63.45	151.29 12.17 0.00	156.99 10.78 0.00	164.47 10.70 0.00	188.41 10.94 0.00	211.24 12.91 0.00	157.97 11.03 0.00	154.19 11.00 0.00	148.67 10.22 0.00
RED___ROCHESTER 323720	124.18 -6.23 0.00	129.15 -6.91 0.00	116.77 -5.73 0.00	107.67 -5.48 0.00	84.83 -4.43 0.00	64.28 -2.82 -1.57	100.46 -4.31 0.00	116.96 -5.70 0.00	99.48 -4.48 0.00	61.02 -2.51 -3.24	125.67 -6.22 0.05	62.05 -2.48 -9.03	88.76 -4.58 -3.69	48.44 -2.47 -7.74	50.51 -2.48 -8.80	58.18 -2.90 -9.15	131.56 -7.56 0.00	138.46 -7.75 0.00	145.74 -8.02 0.00	169.64 -7.82 0.00	188.06 -10.27 0.00	139.66 -7.28 0.00	135.52 -7.67 0.00	130.92 -7.53 0.00
REGAN___SOLAR 323812	140.04 9.63 0.00	145.98 9.92 0.00	131.40 8.90 0.00	121.27 8.12 0.00	95.58 6.31 0.00	173.02 4.90 -102.59	224.66 8.32 -111.57	151.17 9.63 -18.88	143.62 7.19 -32.46	115.56 3.55 -51.72	140.08 8.15 0.00	143.71 3.13 -85.07	129.21 4.76 -34.80	118.21 2.10 -72.95	129.34 2.29 -82.86	140.99 3.17 -85.89	149.78 10.66 0.00	158.22 12.01 0.00	166.66 12.90 0.00	192.27 14.81 0.00	214.44 16.11 0.00	159.14 12.20 0.00	154.76 11.57 0.00	149.32 10.86 0.00
RENSSELAER___COGEN 23796	135.57 5.15 0.00	141.32 5.26 0.00	127.54 5.05 0.00	117.99 4.84 0.00	93.18 3.91 0.00	125.81 2.75 -57.53	165.70 3.64 -57.29	136.52 4.17 -9.69	124.65 4.02 -16.67	100.74 2.62 -37.83	137.00 5.07 0.00	134.38 2.20 -76.68	124.53 3.52 -31.37	110.75 1.84 -65.75	120.65 1.78 -74.68	131.12 1.77 -77.41	143.35 4.23 0.00	149.43 3.22 0.00	156.71 2.95 0.00	180.61 3.15 0.00	202.39 4.06 0.00	150.93 3.99 0.00	147.20 4.01 0.00	142.43 3.98 0.00
REPUBLIC_115KV_BARTNBRK 55605	148.30 17.89 0.00	154.32 18.26 0.00	138.72 16.22 0.00	128.05 14.90 0.00	101.18 11.92 0.00	177.17 9.43 -102.21	231.68 15.56 -111.35	159.64 18.14 -18.84	151.60 15.24 -32.40	119.06 8.61 -50.15	150.30 18.37 0.00	142.55 7.68 -79.37	134.31 12.20 -32.47	116.95 5.72 -68.06	127.68 6.19 -77.31	139.45 7.39 -80.14	160.38 21.26 0.00	168.10 21.89 0.00	176.07 22.31 0.00	203.94 26.48 0.00	227.39 29.06 0.00	168.82 21.88 0.00	165.08 21.89 0.00	159.68 21.23 0.00
REVERE_CPPR_DRP 24186	134.78 4.36 0.00	140.61 4.55 0.00	126.73 4.24 0.00	117.21 4.06 0.00	92.53 3.27 0.00	68.55 2.71 -0.30	109.79 5.01 0.00	128.75 6.09 0.00	109.07 5.11 0.00	64.42 2.95 -1.18	138.31 6.37 0.00	62.20 2.70 -4.00	95.55 4.27 -1.64	48.63 2.04 -3.43	50.20 2.12 -3.90	58.57 2.60 -4.04	146.59 7.47 0.00	153.96 7.75 0.00	161.68 7.92 0.00	186.33 8.87 0.00	207.74 9.41 0.00	153.81 6.87 0.00	150.20 7.00 0.00	145.09 6.64 0.00
REYNOLDS_115KV_TB3 80639	136.33 5.92 0.00	142.14 6.08 0.00	128.16 5.66 0.00	118.47 5.32 0.00	93.53 4.26 0.00	132.22 3.10 -63.59	173.77 4.35 -64.66	138.46 4.87 -10.94	127.33 4.55 -18.81	102.62 2.89 -39.44	137.81 5.88 0.00	134.89 2.55 -76.83	125.14 4.06 -31.43	111.11 2.06 -65.89	121.08 2.06 -74.84	131.75 2.25 -77.57	144.59 5.47 0.00	150.65 4.44 0.00	157.94 4.18 0.00	182.10 4.64 0.00	204.11 5.78 0.00	152.32 5.38 0.00	148.52 5.33 0.00	143.59 5.14 0.00
RIVERBAY____ 323610	140.90 10.48 0.00	146.87 10.80 0.00	132.18 9.68 0.00	121.99 8.84 0.00	96.07 6.80 0.00	87.86 5.26 -17.06	122.75 7.75 -10.23	133.40 9.01 -1.73	115.23 8.29 -2.98	88.30 4.75 -23.26	142.92 10.97 -0.02	123.35 4.96 -62.88	123.24 7.86 -25.74	100.87 3.80 -53.91	109.28 3.86 -61.23	120.18 4.78 -63.47	151.47 12.35 0.00	157.21 11.00 0.00	165.38 11.61 -0.01	189.39 11.93 0.00	212.56 14.23 0.00	159.01 12.07 0.00	155.06 11.86 -0.01	149.48 11.03 0.00
RIVERSDE_115KV_TB3 55908	136.10 5.69 0.00	141.88 5.82 0.00	127.99 5.49 0.00	118.36 5.21 0.00	93.47 4.20 0.00	132.81 3.02 -64.26	174.37 4.16 -65.44	138.47 4.74 -11.07	127.51 4.51 -19.04	102.85 2.90 -39.66	137.73 5.80 0.00	135.01 2.50 -77.01	125.14 3.99 -31.50	111.25 2.05 -66.04	121.20 2.02 -75.00	131.78 2.11 -77.75	144.23 5.11 0.00	150.32 4.11 0.00	157.63 3.86 0.00	181.66 4.20 0.00	203.59 5.26 0.00	151.85 4.91 0.00	148.06 4.87 0.00	143.15 4.70 0.00
ROARING___BROOK_WT_PWR 323790	126.66 -3.75 0.00	132.35 -3.72 0.00	119.32 -3.17 0.00	78.61 -3.18 31.36	-25.62 -2.46 112.43	12.41 -1.97 51.15	101.60 -3.17 0.00	119.40 -3.25 0.00	64.79 -3.04 36.14	58.51 -1.78 0.00	14.63 -3.76 113.54	-39.00 -1.68 92.82	65.65 -2.62 21.37	41.92 -1.24 0.00	-23.63 -1.35 66.47	-39.00 -1.53 89.40	134.97 -4.15 0.00	142.42 -3.79 0.00	149.77 -3.99 0.00	173.03 -4.43 0.00	193.50 -4.83 0.00	142.98 -3.97 0.00	140.38 -2.81 0.00	137.44 -1.01 0.00



ROCHESRG_115KV_T4 355643	122.62 -7.80 0.00	127.56 -8.50 0.00	115.30 -7.19 0.00	106.34 -6.81 0.00	83.75 -5.51 0.00	63.40 -3.69 -1.55	98.99 -5.78 0.00	115.23 -7.43 0.00	97.97 -5.99 0.00	60.11 -3.40 -3.22	123.71 -8.18 0.05	61.18 -3.30 -8.97	87.37 -5.94 -3.67	47.75 -3.11 -7.70	49.80 -3.13 -8.75	57.38 -3.65 -9.10	129.50 -9.61 0.00	136.29 -9.92 0.00	143.44 -10.32 0.00	167.06 -10.40 0.00	185.34 -12.99 0.00	137.64 -9.30 0.00	133.69 -9.50 0.00	129.25 -9.20 0.00
ROCHESTER_9_IC 23652	123.43 -6.99 0.00	128.45 -7.62 0.00	116.08 -6.42 0.00	107.03 -6.13 0.00	84.34 -4.93 0.00	63.85 -3.25 -1.57	99.75 -5.01 0.00	116.12 -6.54 0.00	98.74 -5.23 0.00	60.60 -2.93 -3.24	124.71 -7.18 0.05	61.65 -2.88 -9.03	88.11 -5.23 -3.69	48.13 -2.77 -7.74	50.19 -2.80 -8.80	57.82 -3.26 -9.15	130.56 -8.56 0.00	137.45 -8.76 0.00	144.66 -9.10 0.00	168.45 -9.01 0.00	186.82 -11.51 0.00	138.72 -8.22 0.00	134.67 -8.52 0.00	130.13 -8.32 0.00
ROCKVIEW_13_KV_LD 356306	140.29 9.88 0.00	146.16 10.09 0.00	131.55 9.06 0.00	121.41 8.26 0.00	95.70 6.44 0.00	87.42 4.82 -17.06	122.19 7.19 -10.23	133.08 8.69 -1.73	114.76 7.82 -2.98	88.24 4.69 -23.26	142.63 10.70 0.00	123.19 4.82 -62.86	123.10 7.74 -25.71	100.80 3.74 -53.90	109.22 3.82 -61.22	120.08 4.69 -63.46	151.32 12.20 0.00	157.22 11.01 0.00	164.84 11.08 0.00	189.06 11.60 0.00	211.75 13.42 0.00	158.27 11.32 0.00	154.44 11.25 0.00	148.89 10.43 0.00
ROME____115KV_TB2 80656	134.78 4.36 0.00	140.61 4.55 0.00	126.73 4.24 0.00	117.21 4.06 0.00	92.53 3.27 0.00	68.55 2.71 -0.30	109.79 5.01 0.00	128.75 6.09 0.00	109.07 5.11 0.00	64.42 2.95 -1.18	138.31 6.37 0.00	62.20 2.70 -4.00	95.55 4.27 -1.64	48.63 2.04 -3.43	50.20 2.12 -3.90	58.57 2.60 -4.04	146.59 7.47 0.00	153.96 7.75 0.00	161.68 7.92 0.00	186.33 8.87 0.00	207.74 9.41 0.00	153.81 6.87 0.00	150.20 7.00 0.00	145.09 6.64 0.00
ROSETON___1 23587	138.19 7.77 0.00	144.22 8.15 0.00	129.81 7.31 0.00	119.82 6.67 0.00	94.44 5.17 0.00	86.18 3.84 -16.81	120.37 5.67 -9.93	131.03 6.69 -1.68	112.90 6.05 -2.89	87.11 3.64 -23.18	140.12 8.18 0.00	122.01 3.68 -62.83	121.26 5.91 -25.70	99.91 2.87 -53.88	108.32 2.95 -61.19	118.97 3.61 -63.43	148.42 9.30 0.00	154.31 8.10 0.00	161.83 8.06 0.00	185.85 8.38 0.00	208.10 9.77 0.00	155.60 8.65 0.00	151.84 8.65 0.00	146.50 8.05 0.00
ROSETON___2 23588	138.19 7.77 0.00	144.22 8.15 0.00	129.81 7.31 0.00	119.82 6.67 0.00	94.44 5.17 0.00	86.18 3.84 -16.81	120.37 5.67 -9.93	131.03 6.69 -1.68	112.90 6.05 -2.89	87.11 3.64 -23.18	140.12 8.18 0.00	122.01 3.68 -62.83	121.26 5.91 -25.70	99.91 2.87 -53.88	108.32 2.95 -61.19	118.97 3.61 -63.43	148.42 9.30 0.00	154.31 8.10 0.00	161.83 8.06 0.00	185.85 8.38 0.00	208.10 9.77 0.00	155.60 8.65 0.00	151.84 8.65 0.00	146.50 8.05 0.00
ROTRRDAM_115KV_TB3 80664	136.04 5.62 0.00	142.02 5.95 0.00	127.82 5.33 0.00	118.01 4.86 0.00	93.05 3.79 0.00	179.77 2.89 -111.35	231.65 4.52 -122.36	148.55 5.19 -20.70	144.09 4.53 -35.60	115.74 2.67 -52.78	137.71 5.77 0.00	138.27 2.48 -80.29	126.43 3.94 -32.85	113.91 1.89 -68.85	124.36 1.97 -78.20	135.39 2.40 -81.07	145.45 6.33 0.00	152.05 5.84 0.00	159.66 5.90 0.00	184.09 6.63 0.00	206.02 7.69 0.00	153.36 6.42 0.00	149.48 6.29 0.00	144.38 5.93 0.00
RUSSELL___1 23602	124.17 -6.25 0.00	129.16 -6.90 0.00	116.77 -5.72 0.00	107.70 -5.46 0.00	84.85 -4.42 0.00	64.25 -2.84 -1.57	100.42 -4.35 0.00	116.94 -5.72 0.00	99.46 -4.50 0.00	61.02 -2.51 -3.24	125.61 -6.28 0.05	62.04 -2.49 -9.03	88.73 -4.61 -3.69	48.43 -2.48 -7.74	50.50 -2.49 -8.80	58.18 -2.89 -9.15	131.53 -7.58 0.00	138.47 -7.74 0.00	145.72 -8.04 0.00	169.66 -7.80 0.00	188.04 -10.29 0.00	139.67 -7.27 0.00	135.54 -7.65 0.00	130.90 -7.55 0.00
RUSSELL___2 23532	124.17 -6.25 0.00	129.16 -6.90 0.00	116.77 -5.72 0.00	107.70 -5.46 0.00	84.85 -4.42 0.00	64.25 -2.84 -1.57	100.42 -4.35 0.00	116.94 -5.72 0.00	99.46 -4.50 0.00	61.02 -2.51 -3.24	125.61 -6.28 0.05	62.04 -2.49 -9.03	88.73 -4.61 -3.69	48.43 -2.48 -7.74	50.50 -2.49 -8.80	58.18 -2.89 -9.15	131.53 -7.58 0.00	138.47 -7.74 0.00	145.72 -8.04 0.00	169.66 -7.80 0.00	188.04 -10.29 0.00	139.67 -7.27 0.00	135.54 -7.65 0.00	130.90 -7.55 0.00
RUSSELL___3 23549	124.17 -6.25 0.00	129.16 -6.90 0.00	116.77 -5.72 0.00	107.70 -5.46 0.00	84.85 -4.42 0.00	64.25 -2.84 -1.57	100.42 -4.35 0.00	116.94 -5.72 0.00	99.46 -4.50 0.00	61.02 -2.51 -3.24	125.61 -6.28 0.05	62.04 -2.49 -9.03	88.73 -4.61 -3.69	48.43 -2.48 -7.74	50.50 -2.49 -8.80	58.18 -2.89 -9.15	131.53 -7.58 0.00	138.47 -7.74 0.00	145.72 -8.04 0.00	169.66 -7.80 0.00	188.04 -10.29 0.00	139.67 -7.27 0.00	135.54 -7.65 0.00	130.90 -7.55 0.00
RUSSELL___4 23556	124.17 -6.25 0.00	129.16 -6.90 0.00	116.77 -5.72 0.00	107.70 -5.46 0.00	84.85 -4.42 0.00	64.25 -2.84 -1.57	100.42 -4.35 0.00	116.94 -5.72 0.00	99.46 -4.50 0.00	61.02 -2.51 -3.24	125.61 -6.28 0.05	62.04 -2.49 -9.03	88.73 -4.61 -3.69	48.43 -2.48 -7.74	50.50 -2.49 -8.80	58.18 -2.89 -9.15	131.53 -7.58 0.00	138.47 -7.74 0.00	145.72 -8.04 0.00	169.66 -7.80 0.00	188.04 -10.29 0.00	139.67 -7.27 0.00	135.54 -7.65 0.00	130.90 -7.55 0.00
RUSSELL___STATION 23914	124.17 -6.25 0.00	129.16 -6.90 0.00	116.77 -5.72 0.00	107.70 -5.46 0.00	84.85 -4.42 0.00	64.25 -2.84 -1.57	100.42 -4.35 0.00	116.94 -5.72 0.00	99.46 -4.50 0.00	61.02 -2.51 -3.24	125.61 -6.28 0.05	62.04 -2.49 -9.03	88.73 -4.61 -3.69	48.43 -2.48 -7.74	50.50 -2.49 -8.80	58.18 -2.89 -9.15	131.53 -7.58 0.00	138.47 -7.74 0.00	145.72 -8.04 0.00	169.66 -7.80 0.00	188.04 -10.29 0.00	139.67 -7.27 0.00	135.54 -7.65 0.00	130.90 -7.55 0.00
S SALMON___HYD 24043	129.21 -1.21 0.00	134.61 -1.46 0.00	121.14 -1.36 0.00	110.30 -1.32 1.54	82.85 -1.00 5.41	64.10 -0.50 0.93	106.87 -0.48 -2.58	125.26 -0.35 -2.95	103.90 -0.40 -0.34	63.15 -0.49 -3.35	126.36 -1.64 3.93	56.61 -0.58 -1.68	91.75 -1.23 -3.34	48.95 -0.54 -6.33	46.61 -0.52 -2.95	53.11 -0.50 -1.69	138.11 -1.01 0.00	145.96 -0.25 0.00	153.72 -0.04 0.00	177.46 0.00 0.00	197.62 -0.70 0.00	146.35 -0.59 0.00	144.59 1.40 0.00	140.20 1.75 0.00
S.PERRY__115KV_TB1 80734	128.68 -1.73 0.00	133.79 -2.28 0.00	120.86 -1.63 0.00	111.29 -1.87 0.00	87.48 -1.78 0.00	66.07 -1.59 -2.13	101.32 -3.45 0.00	116.82 -5.84 0.00	98.96 -5.01 0.00	61.02 -3.60 -4.33	121.95 -9.87 0.12	63.61 -3.89 -12.00	87.52 -7.03 -4.91	49.88 -3.58 -10.30	52.49 -3.41 -11.73	60.73 -3.42 -12.22	131.33 -7.79 0.00	140.45 -5.76 0.00	147.26 -6.50 0.00	171.72 -5.74 0.00	196.65 -1.68 0.00	145.01 -1.93 0.00	140.65 -2.54 0.00	135.61 -2.84 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	119.29 -11.12 0.00	123.90 -12.17 0.00	112.29 -10.21 0.00	103.33 -9.82 0.00	81.17 -8.10 0.00	61.90 -5.60 -1.98	95.78 -8.99 0.00	110.80 -11.86 0.00	94.33 -9.63 0.00	58.85 -5.48 -4.04	118.89 -12.96 0.08	61.36 -5.39 -11.25	84.82 -9.42 -4.60	47.85 -4.96 -9.64	50.22 -4.94 -10.97	57.62 -5.72 -11.41	124.19 -14.93 0.00	130.78 -15.43 0.00	137.65 -16.11 0.00	161.41 -16.05 0.00	178.20 -20.12 0.00	132.94 -14.00 0.00	129.23 -13.96 0.00	125.24 -13.21 0.00



SAWYER___23_KV_LOAD 55526	119.29 -11.12 0.00	123.90 -12.17 0.00	112.29 -10.21 0.00	103.33 -9.82 0.00	81.17 -8.10 0.00	61.90 -5.60 -1.98	95.78 -8.99 0.00	110.80 -11.86 0.00	94.33 -9.63 0.00	58.85 -5.48 -4.04	118.89 -12.96 0.08	61.36 -5.39 -11.25	84.82 -9.42 -4.60	47.85 -4.96 -9.64	50.22 -4.94 -10.97	57.62 -5.72 -11.41	124.19 -14.93 0.00	130.78 -15.43 0.00	137.65 -16.11 0.00	161.41 -16.05 0.00	178.20 -20.12 0.00	132.94 -14.00 0.00	129.23 -13.96 0.00	125.24 -13.21 0.00
SELKIRK___I 23801	135.93 5.51 0.00	141.75 5.68 0.00	127.90 5.40 0.00	118.24 5.09 0.00	93.28 4.01 0.00	112.06 2.88 -43.64	149.36 4.06 -40.54	134.11 4.59 -6.86	119.82 4.06 -11.80	96.70 2.49 -33.91	136.92 4.99 0.00	133.17 2.11 -75.56	123.91 3.35 -30.91	109.63 1.67 -64.79	119.42 1.64 -73.59	130.16 1.95 -76.29	144.07 4.96 0.00	150.42 4.20 0.00	157.83 4.06 0.00	181.95 4.49 0.00	203.80 5.48 0.00	151.95 5.01 0.00	148.17 4.97 0.00	143.34 4.88 0.00
SELKIRK___II 23799	135.52 5.10 0.00	141.34 5.27 0.00	127.44 4.95 0.00	117.84 4.69 0.00	92.98 3.72 0.00	114.59 2.65 -46.41	152.23 3.68 -43.78	134.29 4.22 -7.41	120.63 3.93 -12.74	97.61 2.47 -34.84	136.92 4.99 0.00	133.96 2.17 -76.29	124.32 3.47 -31.21	110.35 1.76 -65.42	120.23 1.74 -74.31	130.85 1.90 -77.03	143.80 4.68 0.00	149.94 3.74 0.00	157.34 3.58 0.00	181.30 3.84 0.00	203.12 4.79 0.00	151.45 4.51 0.00	147.70 4.51 0.00	142.85 4.40 0.00
SENECA OSWGO___HYD 24041	129.18 -1.23 0.00	134.58 -1.48 0.00	121.25 -1.25 0.00	111.35 -1.20 0.60	86.18 -0.92 2.17	64.67 -0.37 0.49	104.44 -0.33 0.00	122.17 -0.49 0.00	102.97 -0.29 0.70	62.05 -0.21 -1.96	128.90 -0.83 2.20	60.17 -0.20 -4.87	91.35 -0.61 -2.31	48.55 -0.33 -5.72	49.09 -0.30 -5.21	56.69 -0.25 -5.01	138.69 -0.43 0.00	145.90 -0.31 0.00	153.59 -0.18 0.00	177.46 0.00 0.00	197.55 -0.78 0.00	146.47 -0.47 0.00	142.91 -0.28 0.00	138.03 -0.41 0.00
SENECA___115KV_TB3 355854	121.50 -8.92 0.00	126.16 -9.91 0.00	114.32 -8.17 0.00	105.21 -7.94 0.00	82.64 -6.63 0.00	63.06 -4.52 -2.05	97.58 -7.19 0.00	113.02 -9.64 0.00	96.08 -7.88 0.00	59.97 -4.53 -4.20	121.00 -10.85 0.08	62.65 -4.53 -11.67	86.46 -7.96 -4.78	48.93 -4.24 -10.01	51.44 -4.14 -11.39	59.07 -4.70 -11.84	126.98 -12.14 0.00	133.77 -12.44 0.00	140.87 -12.90 0.00	164.86 -12.60 0.00	181.96 -16.37 0.00	135.78 -11.16 0.00	132.08 -11.11 0.00	127.82 -10.63 0.00
SENECA___ENERGY 23797	126.26 -4.16 0.00	131.59 -4.48 0.00	118.74 -3.76 0.00	109.57 -3.58 0.00	86.53 -2.73 0.00	65.66 -1.51 -1.64	102.47 -2.30 0.00	119.55 -3.10 0.00	101.37 -2.59 0.00	62.19 -1.47 -3.37	127.47 -4.44 0.02	63.15 -1.74 -9.39	90.53 -2.96 -3.84	49.67 -1.55 -8.05	51.81 -1.53 -9.16	59.78 -1.66 -9.51	134.68 -4.44 0.00	141.95 -4.25 0.00	149.97 -3.79 0.00	173.40 -4.06 0.00	192.44 -5.89 0.00	142.75 -4.20 0.00	138.99 -4.20 0.00	133.93 -4.52 0.00
SHOEMAKER___GT 23640	137.30 6.88 0.00	143.24 7.17 0.00	128.92 6.43 0.00	119.01 5.86 0.00	93.84 4.57 0.00	84.49 3.40 -15.56	119.09 5.02 -9.30	130.17 5.94 -1.57	111.90 5.23 -2.71	84.67 3.12 -21.26	138.82 6.89 0.00	116.06 3.09 -57.47	118.09 4.93 -23.51	94.84 2.40 -49.28	102.62 2.46 -55.97	113.03 3.08 -58.02	147.30 8.18 0.00	153.52 7.31 0.00	161.17 7.40 0.00	185.21 7.75 0.00	207.34 9.01 0.00	154.88 7.94 0.00	151.02 7.83 0.00	145.68 7.23 0.00
SHOEMAKR_138KV_BK 111 55601	137.22 6.81 0.00	143.17 7.11 0.00	128.84 6.34 0.00	118.95 5.80 0.00	93.79 4.53 0.00	84.36 3.37 -15.45	118.99 4.98 -9.23	130.09 5.87 -1.56	111.86 5.21 -2.69	84.52 3.12 -21.11	138.85 6.92 0.00	115.71 3.12 -57.09	117.96 4.96 -23.35	94.53 2.41 -48.96	102.26 2.48 -55.60	112.66 3.10 -57.63	147.29 8.17 0.00	153.50 7.29 0.00	161.12 7.35 0.00	185.11 7.65 0.00	207.24 8.91 0.00	154.78 7.84 0.00	150.92 7.73 0.00	145.60 7.15 0.00
SHOREHAM_IC_1 23715	142.39 11.98 0.00	148.74 12.67 0.00	134.10 11.60 0.00	124.01 10.86 0.00	98.08 8.82 0.00	205.81 7.06 -133.22	170.80 11.00 -55.03	183.15 13.16 -47.34	145.98 11.46 -30.56	95.84 6.30 -29.25	145.18 13.24 0.00	124.15 5.81 -62.84	134.95 9.47 -35.83	113.90 4.50 -66.24	109.86 4.48 -61.20	121.95 5.56 -64.46	153.49 14.37 0.00	159.37 13.16 0.00	167.45 13.68 0.00	191.72 14.25 0.00	213.93 15.60 0.00	160.16 13.22 0.00	156.71 13.52 0.00	151.72 13.27 0.00
SHOREHAM_IC_2 23716	142.39 11.98 0.00	148.74 12.67 0.00	134.10 11.60 0.00	124.01 10.86 0.00	98.08 8.82 0.00	205.81 7.06 -133.22	170.80 11.00 -55.03	183.15 13.16 -47.34	145.98 11.46 -30.56	95.84 6.30 -29.25	145.18 13.24 0.00	124.15 5.81 -62.84	134.95 9.47 -35.83	113.90 4.50 -66.24	109.86 4.48 -61.20	121.95 5.56 -64.46	153.49 14.37 0.00	159.37 13.16 0.00	167.45 13.68 0.00	191.72 14.25 0.00	213.93 15.60 0.00	160.16 13.22 0.00	156.71 13.52 0.00	151.72 13.27 0.00
SISSONVILLE___ 23735	128.17 -2.24 0.00	133.23 -2.83 0.00	119.54 -2.95 0.00	95.56 -3.02 14.57	35.49 -2.39 51.39	49.00 -2.01 14.51	123.14 -2.32 -20.69	145.41 -0.95 -23.71	101.28 -2.84 -0.16	71.60 -2.12 -13.43	87.77 -4.58 39.58	14.46 -2.23 38.81	93.75 -2.48 -6.59	53.58 -1.12 -11.54	16.96 -1.58 25.65	10.18 -2.67 39.08	132.85 -6.27 0.00	143.94 -2.27 0.00	151.39 -2.38 0.00	174.98 -2.48 0.00	195.47 -2.86 0.00	142.23 -4.71 0.00	139.51 -3.69 0.00	136.43 -2.02 0.00
SITHE_IND_GS1 24169	124.54 -5.87 0.00	129.90 -6.17 0.00	117.04 -5.46 0.00	108.06 -5.09 0.00	85.21 -4.05 0.00	63.12 -2.79 -0.38	100.33 -4.43 0.00	117.35 -5.31 0.00	99.56 -4.41 0.00	59.29 -2.51 -1.51	126.06 -5.87 0.00	58.31 -2.33 -5.14	87.73 -4.02 -2.10	45.64 -1.93 -4.41	47.21 -1.98 -5.01	54.81 -2.31 -5.19	132.94 -6.18 0.00	139.66 -6.55 0.00	146.95 -6.81 0.00	169.79 -7.68 0.00	189.41 -8.92 0.00	140.53 -6.41 0.00	136.92 -6.27 0.00	132.28 -6.17 0.00
SITHE_IND_GS2 24170	124.54 -5.87 0.00	129.90 -6.17 0.00	117.04 -5.46 0.00	108.06 -5.09 0.00	85.21 -4.05 0.00	63.12 -2.79 -0.38	100.33 -4.43 0.00	117.35 -5.31 0.00	99.56 -4.41 0.00	59.29 -2.51 -1.51	126.06 -5.87 0.00	58.31 -2.33 -5.14	87.73 -4.02 -2.10	45.64 -1.93 -4.41	47.21 -1.98 -5.01	54.81 -2.31 -5.19	132.94 -6.18 0.00	139.66 -6.55 0.00	146.95 -6.81 0.00	169.79 -7.68 0.00	189.41 -8.92 0.00	140.53 -6.41 0.00	136.92 -6.27 0.00	132.28 -6.17 0.00
SITHE_IND_GS3 24171	124.54 -5.87 0.00	129.90 -6.17 0.00	117.04 -5.46 0.00	108.06 -5.09 0.00	85.21 -4.05 0.00	63.12 -2.79 -0.38	100.33 -4.43 0.00	117.35 -5.31 0.00	99.56 -4.41 0.00	59.29 -2.51 -1.51	126.06 -5.87 0.00	58.31 -2.33 -5.14	87.73 -4.02 -2.10	45.64 -1.93 -4.41	47.21 -1.98 -5.01	54.81 -2.31 -5.19	132.94 -6.18 0.00	139.66 -6.55 0.00	146.95 -6.81 0.00	169.79 -7.68 0.00	189.41 -8.92 0.00	140.53 -6.41 0.00	136.92 -6.27 0.00	132.28 -6.17 0.00
SITHE_IND_GS4 24172	124.54 -5.87 0.00	129.90 -6.17 0.00	117.04 -5.46 0.00	108.06 -5.09 0.00	85.21 -4.05 0.00	63.12 -2.79 -0.38	100.33 -4.43 0.00	117.35 -5.31 0.00	99.56 -4.41 0.00	59.29 -2.51 -1.51	126.06 -5.87 0.00	58.31 -2.33 -5.14	87.73 -4.02 -2.10	45.64 -1.93 -4.41	47.21 -1.98 -5.01	54.81 -2.31 -5.19	132.94 -6.18 0.00	139.66 -6.55 0.00	146.95 -6.81 0.00	169.79 -7.68 0.00	189.41 -8.92 0.00	140.53 -6.41 0.00	136.92 -6.27 0.00	132.28 -6.17 0.00



SITHE___BATAVIA 24024	124.04 -6.37 0.00	128.81 -7.26 0.00	116.60 -5.89 0.00	107.36 -5.79 0.00	84.43 -4.84 0.00	64.12 -3.18 -1.77	99.94 -4.83 0.00	115.72 -6.94 0.00	98.52 -5.44 0.00	60.82 -3.11 -3.64	124.04 -7.83 0.06	62.25 -3.38 -10.13	87.52 -6.27 -4.14	48.38 -3.47 -8.68	50.65 -3.42 -9.88	58.22 -3.98 -10.27	129.37 -9.74 0.00	136.72 -9.49 0.00	144.08 -9.68 0.00	168.58 -8.88 0.00	186.16 -12.17 0.00	138.49 -8.46 0.00	134.15 -9.05 0.00	129.90 -8.54 0.00
SITHE___INDEPEND 23800	124.54 -5.87 0.00	129.90 -6.17 0.00	117.03 -5.46 0.00	108.06 -5.09 0.00	85.23 -4.04 0.00	63.12 -2.80 -0.38	100.33 -4.44 0.00	117.34 -5.31 0.00	99.55 -4.41 0.00	59.29 -2.51 -1.51	126.05 -5.88 0.00	58.32 -2.33 -5.14	87.72 -4.03 -2.10	45.64 -1.93 -4.41	47.21 -1.98 -5.01	54.81 -2.31 -5.19	132.95 -6.17 0.00	139.67 -6.54 0.00	146.95 -6.81 0.00	169.78 -7.68 0.00	189.39 -8.94 0.00	140.53 -6.41 0.00	136.91 -6.28 0.00	132.27 -6.18 0.00
SITHE___MASSENA 23902	128.61 -1.81 0.00	133.75 -2.31 0.00	120.09 -2.40 0.00	93.15 -2.41 17.59	24.49 -1.91 62.85	37.32 -1.65 26.57	107.77 -2.04 -5.05	127.38 -1.06 -5.78	85.34 -2.43 16.19	61.58 -1.65 -2.94	67.11 -3.41 61.41	2.22 -1.69 51.59	79.80 -1.75 8.10	45.06 -0.70 -2.59	6.94 -0.88 36.37	0.31 -1.59 50.03	135.62 -3.50 0.00	145.85 -0.36 0.00	153.40 -0.36 0.00	177.50 0.04 0.00	198.26 -0.07 0.00	144.31 -2.64 0.00	140.52 -2.67 0.00	136.41 -2.04 0.00
SITHE___OGDNSBRG 24021	130.49 0.08 0.00	135.68 -0.38 0.00	121.80 -0.69 0.00	96.52 -0.89 15.74	32.72 -0.71 55.84	45.56 -0.73 19.25	119.18 -0.20 -14.62	140.77 1.36 -16.75	96.59 -1.18 6.19	67.99 -1.47 -9.16	80.65 -3.23 48.06	9.35 -1.72 44.43	88.75 -1.51 -0.61	50.05 -0.61 -0.92	12.82 -0.92 -1.67	6.25 -1.67 -3.07	136.05 -3.07 0.00	147.76 1.55 0.00	155.78 2.02 0.00	180.19 2.73 0.00	201.09 2.76 0.00	145.99 -0.96 0.00	142.34 -0.85 0.00	138.62 0.17 0.00
SITHE___STERLING 23777	133.47 3.06 0.00	139.31 3.25 0.00	125.64 3.14 0.00	116.20 3.05 0.00	91.69 2.43 0.00	67.93 2.06 -0.34	108.55 3.78 0.00	127.17 4.51 0.00	107.79 3.83 0.00	63.76 2.15 -1.32	136.45 4.52 0.00	61.95 1.96 -4.48	94.55 3.07 -1.83	48.46 1.45 -3.84	50.06 1.50 -4.37	58.34 1.89 -4.53	144.52 5.40 0.00	151.47 5.26 0.00	159.13 5.37 0.00	183.49 6.03 0.00	204.63 6.30 0.00	151.69 4.75 0.00	147.87 4.67 0.00	142.79 4.34 0.00
SLEIGHT__34_KV_TB1 80719	124.94 -5.48 0.00	130.07 -6.00 0.00	117.43 -5.07 0.00	108.34 -4.82 0.00	85.45 -3.82 0.00	64.67 -2.39 -1.53	101.23 -3.54 0.00	118.05 -4.61 0.00	100.28 -3.68 0.00	61.34 -2.12 -3.16	126.54 -5.37 0.02	62.25 -2.09 -8.83	89.49 -3.77 -3.61	48.73 -2.01 -7.57	50.81 -1.99 -8.61	58.57 -2.31 -8.95	133.35 -5.77 0.00	140.30 -5.91 0.00	147.93 -5.84 0.00	171.71 -5.74 0.00	190.28 -8.05 0.00	141.15 -5.79 0.00	137.17 -6.03 0.00	132.31 -6.14 0.00
SOUTH CAIRO___GT 23612	142.53 12.12 0.00	148.37 12.30 0.00	133.93 11.44 0.00	123.86 10.72 0.00	97.83 8.57 0.00	113.95 6.16 -42.26	153.45 9.44 -39.24	140.56 11.27 -6.64	124.80 9.42 -11.42	98.47 5.31 -32.86	142.30 10.37 0.00	133.00 4.25 -73.24	126.49 6.89 -29.96	109.38 3.41 -62.81	118.91 3.39 -71.34	129.93 4.05 -73.95	150.73 11.61 0.00	158.33 12.12 0.00	166.53 12.77 0.00	191.97 14.51 0.00	214.38 16.05 0.00	159.37 12.43 0.00	155.02 11.83 0.00	150.03 11.58 0.00
SOUTH HAMPTN___IC 23720	142.39 11.98 0.00	148.69 12.63 0.00	134.09 11.59 0.00	124.01 10.86 0.00	98.13 8.86 0.00	206.24 7.59 -133.13	171.98 12.40 -54.80	184.66 15.03 -46.98	147.38 12.94 -30.48	96.64 7.10 -29.25	146.81 14.88 0.00	124.78 6.44 -62.84	135.95 10.47 -35.83	114.34 4.94 -66.24	110.33 4.95 -61.20	122.02 5.63 -64.46	153.62 14.50 0.00	159.66 13.45 0.00	167.77 14.00 0.00	192.04 14.58 0.00	214.29 15.96 0.00	160.34 13.40 0.00	156.82 13.62 0.00	151.78 13.33 0.00
SOUTHDOW_115KV_TB1 355954	124.85 -5.56 0.00	129.81 -6.26 0.00	117.49 -5.00 0.00	108.21 -4.94 0.00	85.14 -4.12 0.00	66.79 -2.59 -3.85	103.57 -3.79 -2.59	118.07 -5.03 -0.44	100.83 -3.88 -0.75	62.68 -2.34 -4.73	125.53 -6.31 0.10	65.24 -2.74 -12.48	89.88 -4.87 -5.10	51.04 -2.83 -10.70	53.68 -2.68 -12.17	61.51 -3.07 -12.65	131.40 -7.72 0.00	138.72 -7.49 0.00	146.63 -7.13 0.00	171.13 -6.33 0.00	188.96 -9.36 0.00	141.21 -5.73 0.00	137.78 -5.41 0.00	132.41 -6.04 0.00
SOUTHOLD_69_KV_BK 2 55809	141.57 11.16 0.00	147.75 11.69 0.00	133.27 10.77 0.00	123.32 10.16 0.00	97.64 8.37 0.00	206.11 7.46 -133.12	173.17 13.60 -54.80	187.35 17.72 -46.97	149.51 15.07 -30.48	97.77 8.23 -29.25	148.98 17.05 0.00	125.56 7.22 -62.84	137.24 11.77 -35.83	114.92 5.52 -66.24	110.90 5.51 -61.20	121.81 5.42 -64.46	152.86 13.74 0.00	159.25 13.04 0.00	166.85 13.08 0.00	190.74 13.28 0.00	212.78 14.45 0.00	159.16 12.22 0.00	155.51 12.32 0.00	150.50 12.05 0.00
SOUTHOLD___IC 23719	141.57 11.16 0.00	147.76 11.70 0.00	133.27 10.77 0.00	123.32 10.17 0.00	97.64 8.38 0.00	206.13 7.47 -133.12	173.16 13.59 -54.80	187.33 17.71 -46.97	149.51 15.07 -30.48	97.77 8.23 -29.25	148.99 17.06 0.00	125.57 7.23 -62.84	137.23 11.76 -35.83	114.92 5.52 -66.24	110.90 5.51 -61.20	121.81 5.42 -64.46	152.87 13.75 0.00	159.24 13.03 0.00	166.83 13.07 0.00	190.76 13.30 0.00	212.76 14.43 0.00	159.16 12.22 0.00	155.50 12.31 0.00	150.44 11.99 0.00
SOUTH_FORK_WT_PWR 323839	139.51 9.09 0.00	145.61 9.54 0.00	131.33 8.83 0.00	121.51 8.35 0.00	96.24 6.97 0.00	206.36 7.71 -133.12	173.92 14.35 -54.80	187.71 18.08 -46.97	149.82 15.38 -30.48	97.92 8.37 -29.25	149.19 17.26 0.00	125.60 7.26 -62.84	137.27 11.80 -35.83	114.94 5.54 -66.24	110.87 5.48 -61.20	121.11 4.72 -64.46	150.71 11.59 0.00	156.94 10.73 0.00	164.82 11.05 0.00	188.40 10.94 0.00	210.20 11.87 0.00	157.15 10.21 0.00	153.61 10.42 0.00	148.59 10.14 0.00
SPIERFLS_115KV_TB 1 80737	142.44 12.02 0.00	148.44 12.37 0.00	133.59 11.10 0.00	123.40 10.25 0.00	97.37 8.10 0.00	175.00 6.32 -103.15	227.43 10.18 -112.48	153.55 11.86 -19.03	146.88 10.19 -32.73	116.67 5.95 -50.42	144.79 12.86 0.00	140.23 5.27 -79.46	130.63 8.47 -32.51	115.29 3.99 -68.14	125.81 4.23 -77.40	137.24 5.08 -80.23	152.86 13.74 0.00	159.96 13.75 0.00	167.68 13.92 0.00	193.55 16.09 0.00	216.23 17.90 0.00	161.01 14.07 0.00	156.91 13.72 0.00	151.61 13.16 0.00
ST LAWRENCE____ 23600	127.74 -2.67 0.00	133.07 -2.99 0.00	119.63 -2.87 0.00	92.25 -2.61 18.29	21.65 -2.01 65.60	33.93 -1.66 29.94	102.52 -2.25 0.00	120.39 -2.27 0.00	80.34 -2.47 21.15	58.70 -1.59 0.00	62.30 -3.17 66.46	-0.38 -1.56 54.32	75.07 -2.07 12.51	42.18 -0.98 0.00	4.16 -1.09 38.94	-1.86 -1.43 52.36	135.91 -3.21 0.00	144.64 -1.57 0.00	152.20 -1.57 0.00	176.09 -1.37 0.00	196.71 -1.63 0.00	144.28 -2.66 0.00	140.41 -2.78 0.00	136.07 -2.38 0.00
STATE_CA_115KV_115_LB 55624	136.30 5.88 0.00	142.06 6.00 0.00	128.20 5.70 0.00	118.59 5.44 0.00	93.65 4.39 0.00	139.59 3.14 -70.92	182.62 4.37 -73.48	140.17 5.07 -12.43	130.16 4.81 -21.38	104.90 3.07 -41.53	138.05 6.12 0.00	135.68 2.65 -77.53	125.58 4.22 -31.71	111.82 2.17 -66.48	121.81 2.11 -75.51	132.39 2.19 -78.28	144.47 5.35 0.00	150.64 4.44 0.00	158.02 4.26 0.00	182.10 4.64 0.00	203.96 5.63 0.00	152.02 5.08 0.00	148.19 5.00 0.00	143.28 4.83 0.00



STATE_ST_34_KV_LOAD 55959	128.59 -1.83 0.00	134.05 -2.02 0.00	120.84 -1.66 0.00	111.55 -1.60 0.00	88.05 -1.21 0.00	66.61 -0.55 -1.62	104.05 -0.72 0.00	121.54 -1.12 0.00	103.10 -0.87 0.00	63.04 -0.59 -3.34	129.89 -2.07 -0.03	63.99 -0.79 -9.28	91.87 -1.58 -3.80	50.29 -0.83 -7.96	52.42 -0.82 -9.05	60.45 -0.87 -9.40	137.50 -1.62 0.00	144.63 -1.58 0.00	153.14 -0.63 0.00	177.10 -0.36 0.00	196.19 -2.13 0.00	145.50 -1.44 0.00	141.95 -1.24 0.00	136.58 -1.88 0.00
STATION_5_MISC_HYD 23604	123.43 -6.98 0.00	128.45 -7.62 0.00	116.08 -6.42 0.00	107.01 -6.14 0.00	84.32 -4.94 0.00	63.88 -3.21 -1.57	99.78 -4.98 0.00	116.16 -6.50 0.00	98.77 -5.20 0.00	60.61 -2.92 -3.24	124.75 -7.14 0.05	61.67 -2.86 -9.03	88.12 -5.21 -3.69	48.13 -2.78 -7.74	50.19 -2.79 -8.80	57.81 -3.26 -9.15	130.58 -8.54 0.00	137.43 -8.78 0.00	144.66 -9.10 0.00	168.40 -9.06 0.00	186.82 -11.51 0.00	138.71 -8.24 0.00	134.66 -8.53 0.00	130.15 -8.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	126.12 -4.29 0.00	131.34 -4.73 0.00	118.59 -3.90 0.00	109.43 -3.72 0.00	86.32 -2.95 0.00	65.43 -1.67 -1.57	102.33 -2.44 0.00	119.32 -3.34 0.00	101.36 -2.60 0.00	62.06 -1.47 -3.23	127.68 -4.20 0.05	62.89 -1.63 -9.02	90.28 -3.05 -3.69	49.22 -1.68 -7.73	51.34 -1.64 -8.79	59.22 -1.85 -9.14	134.33 -4.79 0.00	141.54 -4.67 0.00	149.20 -4.56 0.00	173.08 -4.38 0.00	191.91 -6.42 0.00	142.40 -4.54 0.00	138.27 -4.92 0.00	133.39 -5.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	123.02 -7.39 0.00	128.05 -8.02 0.00	115.67 -6.82 0.00	106.69 -6.47 0.00	84.07 -5.19 0.00	63.66 -3.43 -1.55	99.48 -5.29 0.00	115.84 -6.82 0.00	98.50 -5.46 0.00	60.44 -3.07 -3.21	124.41 -7.48 0.04	61.47 -2.99 -8.97	87.91 -5.41 -3.67	48.01 -2.84 -7.69	50.06 -2.87 -8.74	57.68 -3.34 -9.09	130.36 -8.75 0.00	137.19 -9.02 0.00	144.40 -9.36 0.00	168.07 -9.40 0.00	186.44 -11.89 0.00	138.40 -8.54 0.00	134.36 -8.83 0.00	129.79 -8.66 0.00
STA_56___34_KV_BUS2 355983	123.02 -7.39 0.00	128.05 -8.02 0.00	115.67 -6.82 0.00	106.69 -6.47 0.00	84.07 -5.19 0.00	63.66 -3.43 -1.55	99.48 -5.29 0.00	115.84 -6.82 0.00	98.50 -5.46 0.00	60.44 -3.07 -3.21	124.41 -7.48 0.04	61.47 -2.99 -8.97	87.91 -5.41 -3.67	48.01 -2.84 -7.69	50.06 -2.87 -8.74	57.68 -3.34 -9.09	130.36 -8.75 0.00	137.19 -9.02 0.00	144.40 -9.36 0.00	168.07 -9.40 0.00	186.44 -11.89 0.00	138.40 -8.54 0.00	134.36 -8.83 0.00	129.79 -8.66 0.00
STA_67___115KV_BK2 355882	123.09 -7.32 0.00	128.07 -7.99 0.00	115.76 -6.73 0.00	106.77 -6.38 0.00	84.10 -5.17 0.00	63.68 -3.42 -1.57	99.44 -5.33 0.00	115.77 -6.89 0.00	98.42 -5.54 0.00	60.41 -3.12 -3.23	124.30 -7.59 0.05	61.47 -3.05 -9.02	87.80 -5.54 -3.69	47.99 -2.91 -7.73	50.04 -2.94 -8.80	57.65 -3.42 -9.14	130.14 -8.98 0.00	136.99 -9.22 0.00	144.17 -9.59 0.00	167.90 -9.56 0.00	186.22 -12.11 0.00	138.28 -8.67 0.00	134.30 -8.89 0.00	129.76 -8.69 0.00
STA_7___115KV_9TRANS 80674	124.17 -6.25 0.00	129.16 -6.90 0.00	116.77 -5.72 0.00	107.70 -5.46 0.00	84.85 -4.42 0.00	64.25 -2.84 -1.57	100.42 -4.35 0.00	116.94 -5.72 0.00	99.46 -4.50 0.00	61.02 -2.51 -3.24	125.61 -6.28 0.05	62.04 -2.49 -9.03	88.73 -4.61 -3.69	48.43 -2.48 -7.74	50.50 -2.49 -8.80	58.18 -2.89 -9.15	131.53 -7.58 0.00	138.47 -7.74 0.00	145.72 -8.04 0.00	169.66 -7.80 0.00	188.04 -10.29 0.00	139.67 -7.27 0.00	135.54 -7.65 0.00	130.90 -7.55 0.00
STA_82___115KV_TB1 80780	123.17 -7.24 0.00	128.19 -7.88 0.00	115.84 -6.65 0.00	106.80 -6.35 0.00	84.16 -5.11 0.00	63.72 -3.39 -1.57	99.50 -5.26 0.00	115.85 -6.81 0.00	98.50 -5.46 0.00	60.46 -3.08 -3.25	124.36 -7.52 0.05	61.53 -3.03 -9.06	87.85 -5.50 -3.71	48.03 -2.90 -7.77	50.10 -2.92 -8.84	57.70 -3.41 -9.19	130.21 -8.91 0.00	137.07 -9.14 0.00	144.25 -9.51 0.00	168.02 -9.44 0.00	186.40 -11.92 0.00	138.39 -8.56 0.00	134.37 -8.82 0.00	129.85 -8.60 0.00
STEEL___WIND 323596	121.32 -9.09 0.00	125.90 -10.17 0.00	114.16 -8.34 0.00	104.95 -8.20 0.00	82.45 -6.81 0.00	62.96 -4.62 -2.05	97.41 -7.36 0.00	112.85 -9.80 0.00	95.84 -8.12 0.00	59.87 -4.62 -4.20	120.83 -11.02 0.08	62.58 -4.59 -11.67	86.27 -8.15 -4.78	48.88 -4.29 -10.01	51.36 -4.21 -11.39	58.96 -4.81 -11.84	126.73 -12.39 0.00	133.42 -12.79 0.00	140.50 -13.27 0.00	164.46 -12.99 0.00	181.63 -16.70 0.00	135.59 -11.35 0.00	131.79 -11.40 0.00	127.64 -10.81 0.00
STEPHTWN_115KV_BK_2 55603	137.35 6.94 0.00	143.53 7.46 0.00	129.42 6.92 0.00	119.65 6.50 0.00	94.54 5.28 0.00	126.83 3.77 -57.53	167.61 5.55 -57.29	138.83 6.48 -9.69	126.35 5.72 -16.67	101.75 3.63 -37.83	139.19 7.26 0.00	135.26 3.08 -76.68	126.07 5.05 -31.37	111.42 2.51 -65.75	121.37 2.50 -74.68	132.02 2.68 -77.41	146.16 7.04 0.00	152.38 6.17 0.00	159.82 6.05 0.00	184.10 6.64 0.00	206.18 7.85 0.00	153.42 6.48 0.00	149.55 6.36 0.00	144.48 6.03 0.00
STEUBEN_REC_LFGE 323667	124.74 -5.68 0.00	130.35 -5.72 0.00	117.48 -5.02 0.00	107.70 -5.45 0.00	84.22 -5.04 0.00	66.47 -3.70 -4.63	102.15 -5.76 -3.14	115.67 -7.52 -0.53	97.86 -7.01 -0.91	61.06 -4.83 -5.59	119.96 -11.71 0.27	65.36 -4.80 -14.66	87.66 -7.99 -6.00	51.71 -4.03 -12.57	54.81 -3.70 -14.33	64.39 -2.48 -14.94	133.25 -5.87 0.00	141.94 -4.27 0.00	149.93 -3.84 0.00	171.09 -6.37 0.00	187.46 -10.87 0.01	139.76 -7.18 0.00	136.48 -6.72 0.00	131.98 -6.47 0.00
STILLWATER___SOLAR 323814	139.93 9.52 0.00	145.97 9.91 0.00	131.39 8.89 0.00	121.32 8.17 0.00	95.73 6.47 0.00	169.55 4.97 -99.04	220.16 7.86 -107.53	149.90 9.05 -18.19	143.05 7.80 -31.29	114.13 4.60 -49.24	141.78 9.85 0.00	138.66 4.11 -79.05	128.59 6.61 -32.34	114.09 3.14 -67.79	124.52 3.35 -76.99	135.72 3.98 -79.81	149.65 10.53 0.00	156.51 10.30 0.00	164.11 10.35 0.00	189.34 11.88 0.00	211.83 13.50 0.00	157.70 10.76 0.00	153.69 10.50 0.00	148.41 9.96 0.00
STONY___BROOK 24151	141.85 11.43 0.00	148.21 12.14 0.00	133.63 11.13 0.00	123.56 10.40 0.00	97.67 8.41 0.00	206.13 6.56 -134.04	171.86 9.97 -57.13	185.27 11.92 -50.69	145.79 10.57 -31.26	95.45 5.90 -29.25	144.51 12.58 0.00	123.94 5.60 -62.84	134.60 9.13 -35.83	113.75 4.36 -66.24	109.65 4.27 -61.20	121.86 5.47 -64.46	152.91 13.79 0.00	158.14 11.93 0.00	165.91 12.15 0.00	190.05 12.59 0.00	212.06 13.73 0.00	158.95 12.01 0.00	155.59 12.40 0.00	150.70 12.25 0.00
STURGEON_POOL_HYD 23609	139.35 8.94 0.00	145.42 9.35 0.00	130.86 8.36 0.00	120.79 7.64 0.00	95.17 5.90 0.00	91.74 4.36 -21.85	127.23 6.65 -15.81	133.32 7.98 -2.68	115.57 7.00 -4.60	89.39 4.14 -24.95	141.20 9.27 0.00	124.03 4.12 -64.40	122.67 6.67 -26.35	101.57 3.18 -55.23	110.17 3.26 -62.73	121.02 4.08 -65.02	149.97 10.85 0.00	156.08 9.87 0.00	163.89 10.13 0.00	188.18 10.72 0.00	210.67 12.34 0.00	157.47 10.53 0.00	153.52 10.33 0.00	147.99 9.54 0.00
ST_LAW_115_BK7_LBMP 345037	127.65 -2.76 0.00	132.92 -3.15 0.00	119.47 -3.02 0.00	92.14 -2.80 18.21	21.78 -2.18 65.30	33.94 -1.78 29.81	102.38 -2.39 0.00	120.31 -2.35 0.00	80.23 -2.67 21.06	58.58 -1.71 0.00	62.29 -3.47 66.17	-0.31 -1.72 54.10	75.00 -2.18 12.45	42.14 -1.02 0.00	4.29 -1.16 38.73	-1.74 -1.57 52.10	135.63 -3.49 0.00	144.58 -1.63 0.00	152.15 -1.62 0.00	176.03 -1.43 0.00	196.64 -1.69 0.00	144.07 -2.87 0.00	140.22 -2.97 0.00	135.92 -2.53 0.00



ST_LAW_115_BK8_LBMP 345038	127.65 -2.76 0.00	132.92 -3.15 0.00	119.47 -3.02 0.00	92.14 -2.80 18.21	21.78 -2.18 65.30	33.94 -1.78 29.81	102.38 -2.39 0.00	120.31 -2.35 0.00	80.23 -2.67 21.06	58.58 -1.71 0.00	62.29 -3.47 66.17	-0.31 -1.72 54.10	75.00 -2.18 12.45	42.14 -1.02 0.00	4.29 -1.16 38.73	-1.74 -1.57 52.10	135.63 -3.49 0.00	144.58 -1.63 0.00	152.15 -1.62 0.00	176.03 -1.43 0.00	196.64 -1.69 0.00	144.07 -2.87 0.00	140.22 -2.97 0.00	135.92 -2.53 0.00
ST_LAW_230_BK5_LBMP 345035	127.74 -2.67 0.00	133.07 -2.99 0.00	119.63 -2.87 0.00	91.95 -2.61 18.59	20.61 -2.01 66.65	33.44 -1.66 30.43	102.52 -2.25 0.00	120.39 -2.27 0.00	80.00 -2.47 21.50	58.70 -1.59 0.00	61.22 -3.17 67.55	-1.28 -1.56 55.22	74.86 -2.07 12.71	42.18 -0.98 0.00	3.56 -1.09 39.54	-2.69 -1.43 53.18	135.91 -3.21 0.00	144.64 -1.57 0.00	152.20 -1.57 0.00	176.09 -1.37 0.00	196.71 -1.63 0.00	144.28 -2.66 0.00	140.41 -2.78 0.00	136.07 -2.38 0.00
ST_LAW_230_BK6_LBMP 345036	127.74 -2.67 0.00	133.07 -2.99 0.00	119.63 -2.87 0.00	91.95 -2.61 18.59	20.61 -2.01 66.65	33.44 -1.66 30.43	102.52 -2.25 0.00	120.39 -2.27 0.00	80.00 -2.47 21.50	58.70 -1.59 0.00	61.22 -3.17 67.55	-1.28 -1.56 55.22	74.86 -2.07 12.71	42.18 -0.98 0.00	3.56 -1.09 39.54	-2.69 -1.43 53.18	135.91 -3.21 0.00	144.64 -1.57 0.00	152.20 -1.57 0.00	176.09 -1.37 0.00	196.71 -1.63 0.00	144.28 -2.66 0.00	140.41 -2.78 0.00	136.07 -2.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	137.95 7.54 0.00	143.89 7.82 0.00	129.49 6.99 0.00	119.55 6.40 0.00	94.27 5.01 0.00	85.19 3.74 -15.92	119.81 5.52 -9.52	130.81 6.54 -1.61	112.55 5.82 -2.77	85.50 3.48 -21.73	139.74 7.81 0.00	117.80 3.54 -58.75	119.30 5.63 -24.03	96.29 2.74 -50.38	104.23 2.82 -57.22	114.75 3.51 -59.32	148.33 9.21 0.00	154.44 8.23 0.00	162.02 8.26 0.00	186.05 8.59 0.00	208.37 10.05 0.00	155.60 8.66 0.00	151.72 8.53 0.00	146.35 7.90 0.00
SWANROAD_115KV_TB1 355699	117.23 -13.18 0.00	121.96 -14.11 0.00	110.57 -11.92 0.00	101.72 -11.43 0.00	79.85 -9.41 0.00	60.59 -6.84 -1.90	93.66 -11.10 0.00	107.59 -15.07 0.00	91.76 -12.20 0.00	57.33 -6.86 -3.90	115.83 -16.03 0.07	59.52 -6.83 -10.84	82.45 -11.63 -4.43	46.30 -6.15 -9.30	48.58 -6.18 -10.57	55.74 -7.18 -10.99	120.23 -18.88 0.00	126.60 -19.61 0.00	133.24 -20.53 0.00	156.45 -21.01 0.00	172.65 -25.68 0.00	129.08 -17.86 0.00	125.39 -17.80 0.00	121.99 -16.46 0.00
SYNERGY___BIOGAS 323694	124.04 -6.37 0.00	128.81 -7.26 0.00	116.60 -5.89 0.00	107.36 -5.79 0.00	84.43 -4.84 0.00	64.12 -3.18 -1.77	99.94 -4.83 0.00	115.72 -6.94 0.00	98.52 -5.44 0.00	60.82 -3.11 -3.64	124.04 -7.83 0.06	62.25 -3.38 -10.13	87.52 -6.27 -4.14	48.38 -3.47 -8.68	50.65 -3.42 -9.88	58.22 -3.98 -10.27	129.37 -9.74 0.00	136.72 -9.49 0.00	144.08 -9.68 0.00	168.58 -8.88 0.00	186.16 -12.17 0.00	138.49 -8.46 0.00	134.15 -9.05 0.00	129.90 -8.54 0.00
SYRACUSE___ENERGY_ST1 323597	128.41 -2.00 0.00	133.86 -2.21 0.00	120.67 -1.83 0.00	111.41 -1.75 0.00	87.90 -1.36 0.00	66.12 -0.74 -1.33	103.73 -1.04 0.00	121.25 -1.41 0.00	102.87 -1.09 0.00	62.41 -0.66 -2.78	130.04 -1.89 0.00	62.62 -0.67 -7.78	91.50 -1.33 -3.18	49.15 -0.69 -6.67	51.09 -0.68 -7.58	59.10 -0.70 -7.87	137.51 -1.61 0.00	144.50 -1.71 0.00	152.20 -1.56 0.00	175.96 -1.50 0.00	195.83 -2.50 0.00	145.31 -1.63 0.00	141.60 -1.59 0.00	136.61 -1.84 0.00
SYRACUSE___ENERGY_ST2 323598	128.41 -2.00 0.00	133.86 -2.21 0.00	120.67 -1.83 0.00	111.41 -1.75 0.00	87.90 -1.36 0.00	66.12 -0.74 -1.33	103.73 -1.04 0.00	121.25 -1.41 0.00	102.87 -1.09 0.00	62.41 -0.66 -2.78	130.04 -1.89 0.00	62.62 -0.67 -7.78	91.50 -1.33 -3.18	49.15 -0.69 -6.67	51.09 -0.68 -7.58	59.10 -0.70 -7.87	137.51 -1.61 0.00	144.50 -1.71 0.00	152.20 -1.56 0.00	175.96 -1.50 0.00	195.83 -2.50 0.00	145.31 -1.63 0.00	141.60 -1.59 0.00	136.61 -1.84 0.00
SYRACUSE___POWER 24017	128.10 -2.31 0.00	133.57 -2.49 0.00	120.39 -2.10 0.00	111.17 -1.98 0.00	87.70 -1.57 0.00	66.01 -0.89 -1.37	103.49 -1.28 0.00	121.01 -1.65 0.00	102.67 -1.29 0.00	62.38 -0.78 -2.86	129.86 -2.09 -0.02	62.73 -0.79 -8.01	91.41 -1.51 -3.28	49.25 -0.79 -6.87	51.21 -0.78 -7.81	59.23 -0.80 -8.09	137.18 -1.95 0.00	144.13 -2.08 0.00	151.73 -2.04 0.00	175.34 -2.12 0.00	195.34 -2.99 0.00	144.97 -1.97 0.00	141.27 -1.92 0.00	136.33 -2.12 0.00
TALLMAN___138KV_BK151 55660	138.54 8.13 0.00	144.48 8.41 0.00	129.96 7.47 0.00	119.97 6.82 0.00	94.63 5.36 0.00	85.87 3.99 -16.34	120.43 5.88 -9.78	131.25 6.94 -1.65	113.02 6.22 -2.85	86.33 3.73 -22.30	140.48 8.55 0.00	119.73 3.92 -60.31	120.53 6.21 -24.67	97.92 3.03 -51.72	106.02 3.10 -58.74	116.68 3.86 -60.89	149.16 10.04 0.00	155.15 8.94 0.00	162.73 8.96 0.00	186.71 9.25 0.00	209.22 10.89 0.00	156.30 9.35 0.00	152.38 9.19 0.00	146.98 8.53 0.00
TEALLAVE_115KV_TB7 355573	127.11 -3.30 0.00	132.54 -3.53 0.00	119.46 -3.03 0.00	110.32 -2.83 0.00	87.01 -2.25 0.00	64.65 -1.40 -0.52	102.66 -2.11 0.00	120.05 -2.61 0.00	101.90 -2.07 0.00	61.13 -1.20 -2.04	128.94 -2.99 0.00	61.29 -1.14 -6.93	90.37 -2.10 -2.83	48.05 -1.05 -5.94	49.87 -1.06 -6.75	57.77 -1.16 -7.00	136.12 -3.00 0.00	142.91 -3.30 0.00	150.44 -3.33 0.00	173.85 -3.61 0.00	193.68 -4.65 0.00	143.75 -3.20 0.00	140.02 -3.18 0.00	135.15 -3.30 0.00
TELGRAPH_34_KV_EAST 80808	120.44 -9.97 0.00	125.24 -10.83 0.00	113.47 -9.02 0.00	104.43 -8.72 0.00	82.00 -7.26 0.00	62.21 -5.15 -1.83	96.55 -8.22 0.00	111.45 -11.21 0.00	95.01 -8.95 0.00	58.97 -5.07 -3.75	119.77 -12.10 0.07	60.84 -5.12 -10.45	84.98 -8.94 -4.27	47.34 -4.78 -8.96	49.61 -4.77 -10.19	56.99 -5.53 -10.60	124.78 -14.34 0.00	131.46 -14.75 0.00	138.41 -15.35 0.00	162.24 -15.22 0.00	179.09 -19.24 0.00	133.52 -13.42 0.00	129.55 -13.64 0.00	125.67 -12.78 0.00
TEMPLE___115KV_TB 2 55572	127.15 -3.26 0.00	132.58 -3.48 0.00	119.48 -3.01 0.00	110.34 -2.81 0.00	87.04 -2.23 0.00	64.66 -1.40 -0.52	102.68 -2.09 0.00	120.08 -2.58 0.00	101.90 -2.06 0.00	61.16 -1.19 -2.06	128.95 -2.98 0.00	61.37 -1.14 -7.01	90.43 -2.08 -2.87	48.12 -1.05 -6.01	49.97 -1.05 -6.83	57.86 -1.15 -7.08	136.15 -2.97 0.00	142.94 -3.27 0.00	150.46 -3.30 0.00	173.85 -3.61 0.00	193.72 -4.61 0.00	143.80 -3.15 0.00	140.04 -3.15 0.00	135.18 -3.27 0.00
TIANA____69_KV_BK 1 55817	142.67 12.25 0.00	148.97 12.90 0.00	134.31 11.82 0.00	124.24 11.09 0.00	98.27 9.01 0.00	206.13 7.47 -133.12	171.55 11.98 -54.80	184.13 14.51 -46.97	146.94 12.50 -30.48	96.39 6.84 -29.25	146.28 14.35 0.00	124.58 6.24 -62.84	135.65 10.18 -35.83	114.22 4.82 -66.24	110.20 4.81 -61.20	122.08 5.70 -64.46	153.90 14.78 0.00	159.95 13.73 0.00	168.06 14.30 0.00	192.40 14.94 0.00	214.69 16.36 0.00	160.66 13.71 0.00	157.10 13.91 0.00	152.09 13.64 0.00
TILDEN___115KV_TB1 80814	128.10 -2.31 0.00	133.57 -2.49 0.00	120.39 -2.10 0.00	111.17 -1.98 0.00	87.70 -1.57 0.00	66.01 -0.89 -1.37	103.49 -1.28 0.00	121.01 -1.65 0.00	102.67 -1.29 0.00	62.38 -0.78 -2.86	129.86 -2.09 -0.02	62.73 -0.79 -8.01	91.41 -1.51 -3.28	49.25 -0.79 -6.87	51.21 -0.78 -7.81	59.23 -0.80 -8.09	137.18 -1.95 0.00	144.13 -2.08 0.00	151.73 -2.04 0.00	175.34 -2.12 0.00	195.34 -2.99 0.00	144.97 -1.97 0.00	141.27 -1.92 0.00	136.33 -2.12 0.00



TRIGEN___CC 323695	140.88 10.47 0.00	147.02 10.95 0.00	132.41 9.92 0.00	122.33 9.17 0.00	96.57 7.30 0.00	197.08 5.51 -126.03	149.77 8.28 -36.73	150.55 9.86 -18.04	137.22 8.81 -24.45	94.71 5.16 -29.25	143.50 11.57 0.00	123.61 5.27 -62.84	134.00 8.53 -35.83	113.49 4.09 -66.24	109.47 4.09 -61.20	121.51 5.12 -64.46	152.21 13.09 0.00	157.63 11.41 0.00	165.40 11.64 0.00	189.59 12.13 0.00	212.20 13.87 0.00	158.70 11.75 0.00	154.99 11.80 0.00	149.73 11.28 0.00
TRINITY___115KV___4 BK 55933	135.78 5.36 0.00	141.53 5.47 0.00	127.70 5.21 0.00	118.15 4.99 0.00	93.33 4.06 0.00	127.96 2.88 -59.54	168.41 3.93 -59.72	137.22 4.46 -10.10	125.63 4.30 -17.37	101.47 2.78 -38.40	137.39 5.46 0.00	134.70 2.36 -76.84	124.85 3.77 -31.44	111.02 1.96 -65.90	120.93 1.90 -74.84	131.44 1.93 -77.58	143.73 4.61 0.00	149.83 3.62 0.00	157.15 3.39 0.00	181.08 3.62 0.00	202.90 4.57 0.00	151.34 4.40 0.00	147.53 4.34 0.00	142.71 4.26 0.00
UNION___PROCESSING_DRP 323587	123.19 -7.22 0.00	128.21 -7.86 0.00	115.87 -6.62 0.00	106.83 -6.32 0.00	84.17 -5.10 0.00	63.74 -3.36 -1.57	99.54 -5.22 0.00	115.87 -6.79 0.00	98.53 -5.44 0.00	60.48 -3.07 -3.25	124.40 -7.49 0.05	61.58 -2.99 -9.07	87.86 -5.49 -3.71	48.05 -2.89 -7.78	50.12 -2.91 -8.84	57.74 -3.38 -9.19	130.28 -8.84 0.00	137.14 -9.07 0.00	144.33 -9.43 0.00	168.08 -9.38 0.00	186.45 -11.88 0.00	138.42 -8.52 0.00	134.41 -8.78 0.00	129.89 -8.56 0.00
UPPER HUDSON___HYD 24058	142.43 12.02 0.00	148.44 12.37 0.00	133.59 11.10 0.00	123.40 10.25 0.00	97.37 8.10 0.00	175.01 6.32 -103.15	227.43 10.18 -112.48	153.55 11.86 -19.03	146.88 10.19 -32.73	116.67 5.96 -50.42	144.79 12.86 0.00	140.24 5.27 -79.46	130.63 8.47 -32.51	115.29 3.99 -68.14	125.82 4.24 -77.40	137.24 5.08 -80.23	152.86 13.74 0.00	159.96 13.75 0.00	167.68 13.92 0.00	193.55 16.08 0.00	216.23 17.90 0.00	161.02 14.07 0.00	156.91 13.72 0.00	151.61 13.16 0.00
UPPER RAQUET___HYD 24056	128.17 -2.25 0.00	133.23 -2.84 0.00	119.55 -2.95 0.00	95.58 -3.00 14.57	35.49 -2.39 51.39	49.00 -2.01 14.51	123.13 -2.33 -20.69	145.40 -0.96 -23.71	101.26 -2.86 -0.16	71.60 -2.12 -13.43	87.77 -4.59 39.58	14.46 -2.23 38.81	93.74 -2.49 -6.59	53.59 -1.12 -11.54	16.96 -1.58 25.65	10.18 -2.67 39.08	132.85 -6.27 0.00	143.94 -2.27 0.00	151.37 -2.39 0.00	174.98 -2.48 0.00	195.47 -2.86 0.00	142.22 -4.72 0.00	139.51 -3.69 0.00	136.43 -2.02 0.00
VALLEY44_115KV_TB2 355964	125.19 -5.23 0.00	130.35 -5.72 0.00	117.92 -4.58 0.00	108.53 -4.62 0.00	85.41 -3.85 0.00	66.70 -2.79 -3.96	102.74 -4.69 -2.66	117.39 -5.72 -0.45	99.90 -4.83 -0.77	62.20 -2.96 -4.86	125.01 -6.83 0.10	65.43 -2.89 -12.81	90.15 -4.73 -5.24	51.33 -2.83 -10.99	54.09 -2.59 -12.50	61.94 -2.98 -12.99	131.59 -7.53 0.00	138.27 -7.94 0.00	145.56 -8.21 0.00	169.53 -7.93 0.00	187.61 -10.72 0.00	140.27 -6.67 0.00	136.87 -6.32 0.00	132.53 -5.92 0.00
VALLEY___115KV_TB 1-4 80826	135.67 5.25 0.00	141.57 5.50 0.00	127.47 4.97 0.00	118.84 4.69 -1.00	96.49 3.65 -3.57	70.03 2.89 -1.61	109.05 4.29 0.00	127.65 4.99 0.00	109.38 4.27 -1.14	62.80 2.51 0.00	140.87 5.36 -3.59	60.64 2.20 -2.93	93.76 3.44 -0.67	44.83 1.66 0.00	48.11 1.83 -2.10	56.79 2.03 -2.82	144.66 5.54 0.00	151.25 5.05 0.00	158.93 5.16 0.00	183.07 5.61 0.00	204.68 6.35 0.00	152.60 5.65 0.00	148.86 5.67 0.00	143.61 5.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	141.70 11.29 0.00	147.87 11.80 0.00	133.39 10.89 0.00	123.11 9.96 0.00	96.98 7.71 0.00	88.47 5.94 -17.00	129.72 9.57 -15.38	136.34 11.08 -2.60	118.05 9.62 -4.48	78.63 5.44 -12.89	143.73 11.80 0.00	88.10 5.00 -27.60	109.01 8.08 -11.29	70.60 3.76 -23.67	74.97 3.90 -26.89	84.54 4.74 -27.87	152.33 13.21 0.00	159.48 13.27 0.00	167.40 13.63 0.00	193.01 15.55 0.00	215.44 17.11 0.00	160.17 13.23 0.00	155.92 12.73 0.00	150.44 11.99 0.00
VISCHER___FERRY HYD 24020	137.88 7.47 0.00	143.77 7.70 0.00	129.42 6.93 0.00	119.58 6.43 0.00	94.35 5.09 0.00	154.59 3.88 -85.18	201.39 5.82 -90.80	144.60 6.58 -15.36	136.24 5.85 -26.42	109.16 3.55 -45.31	139.39 7.46 0.00	136.51 3.18 -77.83	126.54 5.05 -31.84	112.36 2.45 -66.75	122.55 2.56 -75.81	133.51 3.00 -78.58	146.74 7.62 0.00	153.18 6.97 0.00	160.60 6.84 0.00	185.29 7.83 0.00	207.68 9.35 0.00	154.75 7.81 0.00	150.92 7.73 0.00	145.77 7.32 0.00
V_A_10_SYNC_DSASP 323832	118.74 -11.68 0.00	123.46 -12.61 0.00	111.75 -10.75 0.00	102.92 -10.23 0.00	80.94 -8.32 0.00	61.51 -5.75 -1.73	95.52 -9.25 0.00	110.77 -11.89 0.00	94.24 -9.72 0.00	58.34 -5.52 -3.56	118.99 -12.88 0.06	60.17 -5.26 -9.93	84.48 -9.22 -4.06	46.88 -4.80 -8.51	49.01 -4.86 -9.68	56.27 -5.72 -10.06	123.87 -15.25 0.00	130.24 -15.97 0.00	137.02 -16.75 0.00	160.31 -17.14 0.00	177.51 -20.82 0.00	132.18 -14.76 0.00	128.48 -14.71 0.00	124.54 -13.91 0.00
V_CMM_10_SYNC_DSASP 323787	127.79 -2.63 0.00	133.06 -3.00 0.00	119.60 -2.90 0.00	92.25 -2.69 18.21	21.89 -2.08 65.30	34.01 -1.71 29.81	102.49 -2.28 0.00	120.46 -2.20 0.00	80.36 -2.55 21.06	58.64 -1.65 0.00	62.45 -3.32 66.17	-0.24 -1.65 54.10	75.11 -2.08 12.45	42.19 -0.97 0.00	4.33 -1.12 38.73	-1.68 -1.51 52.10	135.78 -3.34 0.00	144.76 -1.45 0.00	152.31 -1.45 0.00	176.25 -1.22 0.00	196.88 -1.45 0.00	144.22 -2.72 0.00	140.38 -2.81 0.00	136.08 -2.37 0.00
V_CMP_10_SYNC_DSASP 323788	127.87 -2.54 0.00	133.07 -2.99 0.00	119.56 -2.94 0.00	91.83 -3.06 18.27	16.15 -2.68 70.43	-20.94 -2.17 84.31	-21.07 -3.02 122.82	-21.01 -2.95 140.72	-20.65 -3.07 121.55	-21.09 -2.03 79.36	-20.79 -4.26 148.46	-20.72 -2.14 74.08	-21.28 -3.11 107.82	-21.33 -1.48 63.01	-20.78 -1.57 63.40	-10.39 -1.90 60.42	135.81 -3.31 0.00	145.47 -0.75 0.00	152.56 -1.21 0.00	175.26 -2.20 0.00	196.54 -1.79 0.00	144.34 -2.60 0.00	139.94 -3.26 0.00	135.51 -2.94 0.00
V_D_10_SYNC_DSASP 323841	128.63 -1.79 0.00	133.77 -2.30 0.00	120.12 -2.37 0.00	93.13 -2.39 17.63	24.36 -1.88 63.02	37.16 -1.63 26.74	107.58 -2.01 -4.82	127.12 -1.06 -5.52	85.14 -2.39 16.43	61.45 -1.64 -2.79	66.87 -3.34 61.72	2.07 -1.66 51.77	79.60 -1.74 8.30	44.94 -0.69 -2.47	6.80 -0.88 36.50	0.18 -1.57 50.18	135.69 -3.43 0.00	145.85 -0.36 0.00	153.40 -0.36 0.00	177.50 0.04 0.00	198.26 -0.07 0.00	144.37 -2.58 0.00	140.57 -2.62 0.00	136.43 -2.02 0.00
V_E_10_SYNC_DSASP 323830	135.43 5.01 0.00	141.02 4.95 0.00	127.08 4.58 0.00	117.40 4.25 0.00	92.64 3.38 0.00	77.47 3.08 -8.86	117.50 5.57 -7.15	130.70 6.84 -1.21	111.27 5.23 -2.08	70.49 1.77 -8.43	134.89 2.84 -0.12	76.87 1.14 -20.23	99.57 1.65 -8.28	61.18 0.67 -17.35	64.79 0.89 -19.71	74.11 1.73 -20.45	145.12 6.00 0.00	154.32 8.10 0.00	163.21 9.45 0.00	188.24 10.78 0.00	208.79 10.46 0.00	154.49 7.54 0.00	150.03 6.84 0.00	145.60 7.15 0.00
V_F_30_NSYNC___DSASP 323816	140.01 9.60 0.00	146.02 9.95 0.00	131.43 8.93 0.00	121.39 8.24 0.00	95.77 6.51 0.00	171.43 5.01 -100.88	222.44 7.92 -109.75	150.37 9.14 -18.57	143.77 7.87 -31.93	114.71 4.64 -49.77	141.90 9.96 0.00	138.90 4.16 -79.23	128.76 6.71 -32.41	114.29 3.18 -67.95	124.74 3.38 -77.17	135.93 4.01 -80.00	149.77 10.66 0.00	156.64 10.43 0.00	164.26 10.50 0.00	189.50 12.04 0.00	211.97 13.64 0.00	157.81 10.87 0.00	153.76 10.57 0.00	148.48 10.03 0.00



V_F_30_SYNC_DSASP 323786	136.30 5.88 0.00	142.05 5.99 0.00	128.20 5.70 0.00	118.58 5.43 0.00	93.64 4.37 0.00	138.65 3.13 -69.99	181.50 4.37 -72.36	139.95 5.05 -12.24	129.83 4.81 -21.05	104.63 3.06 -41.28	138.02 6.09 0.00	135.62 2.65 -77.47	125.56 4.22 -31.69	111.77 2.17 -66.44	121.75 2.11 -75.46	132.34 2.19 -78.22	144.46 5.34 0.00	150.63 4.42 0.00	158.02 4.26 0.00	182.08 4.62 0.00	203.94 5.61 0.00	152.02 5.08 0.00	148.18 4.99 0.00	143.27 4.82 0.00
V_XM_10_SYNC_DSASP 323789	127.87 -2.54 0.00	133.07 -2.99 0.00	119.56 -2.94 0.00	91.83 -3.06 18.27	16.15 -2.68 70.43	-20.94 -2.17 84.31	-21.07 -3.02 122.82	-21.01 -2.95 140.72	-20.65 -3.07 121.55	-21.09 -2.03 79.36	-20.79 -4.26 148.46	-20.72 -2.14 74.08	-21.28 -3.11 107.82	-21.33 -1.48 63.01	-20.78 -1.57 63.40	-10.39 -1.90 60.42	135.81 -3.31 0.00	145.47 -0.75 0.00	152.56 -1.21 0.00	175.26 -2.20 0.00	196.54 -1.79 0.00	144.34 -2.60 0.00	139.94 -3.26 0.00	135.51 -2.94 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	139.04 8.62 0.00	144.94 8.88 0.00	130.42 7.92 0.00	120.39 7.24 0.00	94.97 5.70 0.00	86.22 4.25 -16.44	120.91 6.30 -9.84	131.80 7.48 -1.67	113.47 6.65 -2.86	86.71 3.98 -22.44	141.02 9.09 0.00	120.29 4.13 -60.65	121.03 6.57 -24.81	98.38 3.21 -52.01	106.54 3.28 -59.08	117.23 4.07 -61.24	149.77 10.65 0.00	155.78 9.57 0.00	163.38 9.62 0.00	187.51 10.05 0.00	210.05 11.72 0.00	156.92 9.98 0.00	152.96 9.77 0.00	147.53 9.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	140.09 9.68 0.00	146.11 10.04 0.00	131.43 8.94 0.00	121.35 8.20 0.00	95.62 6.35 0.00	87.36 4.77 -17.06	122.01 7.01 -10.23	132.75 8.36 -1.73	114.55 7.61 -2.98	88.18 4.63 -23.25	142.72 10.79 0.00	123.24 4.89 -62.85	123.19 7.83 -25.71	100.85 3.79 -53.90	109.26 3.86 -61.22	120.11 4.73 -63.45	151.31 12.19 0.00	157.04 10.83 0.00	164.49 10.73 0.00	188.43 10.97 0.00	211.28 12.95 0.00	157.97 11.03 0.00	154.20 11.01 0.00	148.68 10.23 0.00
W50THST__13_KV_LOAD 356117	140.66 10.25 0.00	146.81 10.75 0.00	132.06 9.57 0.00	121.91 8.76 0.00	96.10 6.83 0.00	87.74 5.15 -17.06	122.58 7.59 -10.23	133.46 9.07 -1.73	115.25 8.31 -2.98	88.60 5.05 -23.25	143.82 11.89 0.00	123.74 5.39 -62.85	123.99 8.64 -25.71	101.23 4.16 -53.90	109.64 4.24 -61.22	120.55 5.17 -63.45	152.55 13.43 0.00	158.22 12.01 0.00	165.42 11.65 0.00	189.23 11.77 0.00	212.16 13.83 0.00	158.67 11.73 0.00	154.96 11.77 0.00	149.33 10.88 0.00
WADING RIVER_IC_1 23522	142.38 11.97 0.00	148.68 12.61 0.00	134.02 11.52 0.00	123.94 10.79 0.00	98.02 8.75 0.00	205.73 7.06 -133.15	170.62 10.99 -54.86	182.86 13.14 -47.06	145.93 11.47 -30.50	95.85 6.31 -29.25	145.23 13.30 0.00	124.18 5.84 -62.84	134.99 9.52 -35.83	113.93 4.53 -66.24	109.88 4.50 -61.20	121.95 5.57 -64.46	153.55 14.43 0.00	159.39 13.18 0.00	167.45 13.68 0.00	191.78 14.31 0.00	213.97 15.64 0.00	160.16 13.22 0.00	156.71 13.52 0.00	151.71 13.26 0.00
WADING RIVER_IC_2 23547	142.38 11.97 0.00	148.68 12.61 0.00	134.02 11.52 0.00	123.94 10.79 0.00	98.02 8.75 0.00	205.73 7.06 -133.15	170.62 10.99 -54.86	182.86 13.14 -47.06	145.93 11.47 -30.50	95.85 6.31 -29.25	145.23 13.30 0.00	124.18 5.84 -62.84	134.99 9.52 -35.83	113.93 4.53 -66.24	109.88 4.50 -61.20	121.95 5.57 -64.46	153.55 14.43 0.00	159.39 13.18 0.00	167.45 13.68 0.00	191.78 14.31 0.00	213.97 15.64 0.00	160.16 13.22 0.00	156.71 13.52 0.00	151.71 13.26 0.00
WADING RIVER_IC_3 23601	142.38 11.97 0.00	148.68 12.61 0.00	134.02 11.52 0.00	123.94 10.79 0.00	98.02 8.75 0.00	205.73 7.06 -133.15	170.62 10.99 -54.86	182.86 13.14 -47.06	145.93 11.47 -30.50	95.85 6.31 -29.25	145.23 13.30 0.00	124.18 5.84 -62.84	134.99 9.52 -35.83	113.93 4.53 -66.24	109.88 4.50 -61.20	121.95 5.57 -64.46	153.55 14.43 0.00	159.39 13.18 0.00	167.45 13.68 0.00	191.78 14.31 0.00	213.97 15.64 0.00	160.16 13.22 0.00	156.71 13.52 0.00	151.71 13.26 0.00
WALDENNY_12_KV_BK2 80841	121.41 -9.00 0.00	126.09 -9.98 0.00	114.29 -8.20 0.00	105.15 -8.00 0.00	82.59 -6.67 0.00	63.00 -4.57 -2.04	97.47 -7.30 0.00	112.83 -9.83 0.00	95.98 -7.98 0.00	59.90 -4.56 -4.17	120.90 -10.95 0.08	62.52 -4.57 -11.59	86.33 -8.05 -4.74	48.81 -4.29 -9.94	51.28 -4.21 -11.30	58.89 -4.79 -11.75	126.77 -12.35 0.00	133.50 -12.71 0.00	140.56 -13.20 0.00	164.58 -12.88 0.00	181.57 -16.75 0.00	135.52 -11.42 0.00	131.78 -11.41 0.00	127.53 -10.92 0.00
WALDEN__HYDRO 24148	139.02 8.60 0.00	145.01 8.94 0.00	130.51 8.02 0.00	120.49 7.34 0.00	94.96 5.70 0.00	86.64 4.28 -16.83	121.51 6.48 -10.27	132.07 7.67 -1.74	113.71 6.76 -2.99	86.88 3.98 -22.61	140.81 8.88 0.00	120.41 3.99 -60.92	120.93 6.36 -24.92	98.49 3.09 -52.24	106.69 3.18 -59.33	117.36 3.92 -61.50	149.52 10.40 0.00	155.75 9.54 0.00	163.50 9.73 0.00	187.79 10.33 0.00	210.19 11.86 0.00	157.01 10.07 0.00	153.04 9.84 0.00	147.55 9.10 0.00
WARRENSBURG____ 23737	142.43 12.02 0.00	148.44 12.37 0.00	133.59 11.10 0.00	123.40 10.25 0.00	97.37 8.10 0.00	175.01 6.32 -103.15	227.43 10.18 -112.48	153.55 11.86 -19.03	146.88 10.19 -32.73	116.67 5.96 -50.42	144.79 12.86 0.00	140.24 5.27 -79.46	130.63 8.47 -32.51	115.29 3.99 -68.14	125.82 4.24 -77.40	137.24 5.08 -80.23	152.86 13.74 0.00	159.96 13.75 0.00	167.68 13.92 0.00	193.55 16.08 0.00	216.23 17.90 0.00	161.02 14.07 0.00	156.91 13.72 0.00	151.61 13.16 0.00
WATERSIDE____6 8 9 23538	140.53 10.12 0.00	146.55 10.49 0.00	131.75 9.26 0.00	121.63 8.48 0.00	93.62 6.55 2.20	84.61 4.97 -14.11	122.21 7.21 -10.23	28.28 8.52 102.89	-79.40 7.86 191.23	29.81 4.77 35.25	76.37 11.13 66.69	86.08 5.05 -25.53	96.22 8.08 1.51	89.08 3.91 -42.01	75.45 3.99 -27.28	42.81 4.86 13.98	40.53 12.53 111.12	41.92 11.09 115.39	14.63 11.41 150.55	139.56 11.65 49.55	66.02 13.90 146.21	103.73 11.74 54.95	97.46 11.73 57.46	133.44 10.87 15.87
WATKINRD_115KV_LN8_ILLION 55919	134.36 3.95 0.00	140.20 4.14 0.00	126.27 3.77 0.00	117.66 3.51 -1.00	95.58 2.74 -3.57	69.31 2.16 -1.61	107.97 3.20 0.00	126.36 3.70 0.00	108.34 3.23 -1.14	62.20 1.91 0.00	139.55 4.04 -3.59	60.12 1.69 -2.93	92.94 2.62 -0.67	44.43 1.26 0.00	47.66 1.38 -2.10	56.32 1.57 -2.82	143.32 4.20 0.00	149.95 3.74 0.00	157.56 3.79 0.00	181.57 4.11 0.00	203.08 4.75 0.00	151.23 4.29 0.00	147.49 4.29 0.00	142.37 3.92 0.00
WATSON____69_KV_BK 1 55734	143.05 12.64 0.00	149.42 13.35 0.00	134.74 12.25 0.00	124.58 11.43 0.00	98.44 9.18 0.00	201.08 7.04 -128.50	158.25 10.46 -43.02	162.96 12.19 -28.11	141.60 11.09 -26.55	95.93 6.38 -29.25	145.61 13.68 0.00	124.46 6.12 -62.84	135.35 9.88 -35.83	114.19 4.79 -66.24	110.15 4.76 -61.20	122.52 6.13 -64.46	154.91 15.79 0.00	160.44 14.23 0.00	168.67 14.90 0.00	193.19 15.73 0.00	215.61 17.29 0.00	161.34 14.40 0.00	157.65 14.46 0.00	152.62 14.17 0.00
WDELAWARE__HYD 323627	137.87 7.46 0.00	143.76 7.69 0.00	129.40 6.90 0.00	119.49 6.34 0.00	94.22 4.96 0.00	86.24 3.79 -16.92	121.62 5.88 -10.98	131.59 7.08 -1.86	113.29 6.14 -3.19	85.39 3.52 -21.57	139.65 7.71 0.00	116.26 3.39 -57.36	118.59 5.47 -23.46	94.98 2.62 -49.19	102.75 2.70 -55.87	113.24 3.40 -57.91	148.56 9.44 0.00	155.06 8.85 0.00	162.96 9.19 0.00	187.29 9.83 0.00	209.46 11.13 0.00	156.23 9.29 0.00	152.17 8.98 0.00	146.57 8.12 0.00



WEST BABYLON___IC 23714	142.75 12.34 0.00	149.01 12.95 0.00	134.39 11.90 0.00	124.15 11.00 0.00	98.12 8.85 0.00	198.86 6.74 -126.59	153.07 10.14 -38.16	154.97 11.97 -20.34	139.65 10.76 -24.93	95.72 6.17 -29.25	145.26 13.33 0.00	124.30 5.96 -62.84	135.12 9.64 -35.83	114.06 4.66 -66.24	110.03 4.64 -61.20	122.33 5.95 -64.46	154.42 15.30 0.00	160.03 13.82 0.00	168.17 14.40 0.00	192.64 15.18 0.00	215.20 16.88 0.00	160.96 14.02 0.00	157.24 14.05 0.00	152.09 13.64 0.00
WEST CANADA___HYD 24049	131.74 1.33 0.00	137.54 1.48 0.00	123.85 1.35 0.00	115.39 1.24 -1.00	93.79 0.95 -3.57	67.87 0.73 -1.61	105.83 1.06 0.00	123.88 1.22 0.00	106.25 1.15 -1.14	61.01 0.71 0.00	136.99 1.47 -3.59	59.10 0.67 -2.93	91.33 1.01 -0.67	43.68 0.51 0.00	46.82 0.53 -2.10	55.38 0.63 -2.82	140.65 1.53 0.00	147.36 1.15 0.00	154.85 1.08 0.00	178.55 1.09 0.00	199.73 1.40 0.00	148.42 1.48 0.00	144.77 1.58 0.00	139.98 1.53 0.00
WESTERN_NY_WIND 24143	123.78 -6.64 0.00	128.60 -7.47 0.00	116.39 -6.10 0.00	107.18 -5.97 0.00	84.31 -4.96 0.00	63.96 -3.36 -1.79	99.65 -5.12 0.00	115.38 -7.28 0.00	98.29 -5.68 0.00	60.72 -3.25 -3.67	123.69 -8.18 0.06	62.18 -3.55 -10.23	87.31 -6.52 -4.18	48.34 -3.59 -8.77	50.64 -3.52 -9.98	58.21 -4.09 -10.37	129.04 -10.08 0.00	136.40 -9.81 0.00	143.69 -10.07 0.00	168.19 -9.27 0.00	185.69 -12.64 0.00	138.14 -8.80 0.00	133.82 -9.37 0.00	129.56 -8.89 0.00
WESTOVER___LESR 323668	129.36 -1.05 0.00	134.91 -1.16 0.00	121.67 -0.82 0.00	112.28 -0.87 0.00	88.48 -0.79 0.00	72.06 -0.35 -6.88	109.01 -0.54 -4.78	122.83 -0.64 -0.81	104.94 -0.42 -1.39	67.93 -0.44 -8.07	130.54 -1.35 0.04	75.88 -0.55 -20.92	97.33 -0.87 -8.56	60.55 -0.55 -17.94	64.10 -0.46 -20.39	72.62 -0.46 -21.15	138.18 -0.94 0.00	144.87 -1.34 0.00	152.59 -1.18 0.00	176.23 -1.23 0.00	196.23 -2.10 0.00	145.96 -0.98 0.00	142.31 -0.88 0.00	137.31 -1.14 0.00
WETHRSFD_WT_PWR 323626	121.71 -8.70 0.00	126.16 -9.91 0.00	114.20 -8.30 0.00	104.98 -8.17 0.00	82.29 -6.97 0.00	64.59 -4.92 -3.98	99.72 -7.73 -2.67	113.08 -10.03 -0.45	95.92 -8.82 -0.77	59.59 -5.57 -4.86	118.97 -12.85 0.11	63.10 -5.20 -12.80	85.96 -8.92 -5.24	49.57 -4.57 -10.98	52.37 -4.31 -12.50	60.57 -4.38 -13.03	128.00 -11.12 0.00	135.19 -11.02 0.00	142.49 -11.27 0.00	165.14 -12.32 0.00	181.28 -17.05 0.00	135.52 -11.42 0.00	132.14 -11.05 0.00	127.66 -10.79 0.00
WHAVSTOR_138KV_BK127 55557	138.54 8.13 0.00	144.44 8.38 0.00	129.96 7.47 0.00	119.97 6.82 0.00	94.62 5.36 0.00	85.97 3.99 -16.46	120.47 5.85 -9.85	131.24 6.91 -1.67	113.03 6.21 -2.87	86.48 3.73 -22.46	140.47 8.54 0.00	120.12 3.89 -60.72	120.66 6.18 -24.84	98.26 3.02 -52.07	106.42 3.09 -59.14	117.08 3.85 -61.30	149.15 10.03 0.00	155.08 8.87 0.00	162.63 8.86 0.00	186.63 9.17 0.00	209.07 10.75 0.00	156.22 9.28 0.00	152.35 9.16 0.00	146.95 8.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	138.54 8.13 0.00	144.44 8.38 0.00	129.96 7.47 0.00	119.97 6.82 0.00	94.62 5.36 0.00	85.97 3.99 -16.46	120.47 5.85 -9.85	131.24 6.91 -1.67	113.03 6.21 -2.87	86.48 3.73 -22.46	140.47 8.54 0.00	120.12 3.89 -60.72	120.66 6.18 -24.84	98.26 3.02 -52.07	106.42 3.09 -59.14	117.08 3.85 -61.30	149.15 10.03 0.00	155.08 8.87 0.00	162.63 8.86 0.00	186.63 9.17 0.00	209.07 10.75 0.00	156.22 9.28 0.00	152.35 9.16 0.00	146.95 8.50 0.00
WHITEHAL_115KV_TB1 80871	144.61 14.19 0.00	150.42 14.36 0.00	135.17 12.67 0.00	124.81 11.65 0.00	98.53 9.26 0.00	175.24 7.49 -102.21	228.38 12.26 -111.35	155.63 14.13 -18.84	148.42 12.06 -32.40	117.36 6.91 -50.15	146.89 14.96 0.00	141.04 6.17 -79.37	132.15 10.03 -32.47	115.96 4.73 -68.06	126.71 5.22 -77.31	138.30 6.23 -80.14	156.50 17.38 0.00	163.53 17.32 0.00	171.21 17.44 0.00	198.35 20.89 0.00	221.22 22.88 0.00	164.51 17.57 0.00	161.13 17.94 0.00	155.90 17.45 0.00
WHITEPLN_13_KV_LOAD 356215	140.95 10.53 0.00	146.92 10.85 0.00	132.17 9.67 0.00	122.02 8.87 0.00	96.23 6.97 0.00	87.77 5.21 -17.03	122.91 7.93 -10.21	133.92 9.53 -1.73	115.43 8.49 -2.97	88.56 5.06 -23.21	143.37 11.44 0.00	123.35 5.12 -62.72	123.49 8.19 -25.66	100.91 3.96 -53.79	109.32 4.05 -61.09	120.21 4.96 -63.33	152.16 13.04 0.00	158.25 12.04 0.00	165.97 12.21 0.00	190.36 12.89 0.00	213.13 14.80 0.00	159.20 12.26 0.00	155.24 12.05 0.00	149.65 11.20 0.00
WM_FLOYD_69_KV_BK2 356380	142.50 12.09 0.00	148.78 12.71 0.00	134.13 11.63 0.00	124.01 10.86 0.00	98.07 8.81 0.00	205.59 7.00 -133.05	170.20 10.82 -54.61	182.25 12.92 -46.67	145.66 11.28 -30.42	95.72 6.18 -29.25	144.93 13.00 0.00	124.07 5.72 -62.84	134.81 9.34 -35.83	113.86 4.46 -66.24	109.81 4.42 -61.20	121.96 5.58 -64.46	153.55 14.43 0.00	159.41 13.20 0.00	167.45 13.69 0.00	191.73 14.27 0.00	213.94 15.61 0.00	160.23 13.29 0.00	156.74 13.55 0.00	151.81 13.36 0.00
WOODARD___115KV_TB2 355635	127.20 -3.22 0.00	132.62 -3.45 0.00	119.53 -2.96 0.00	110.38 -2.77 0.00	87.07 -2.19 0.00	64.69 -1.38 -0.53	102.69 -2.07 0.00	120.10 -2.56 0.00	101.94 -2.03 0.00	61.21 -1.17 -2.09	128.98 -2.95 0.00	61.48 -1.11 -7.09	90.49 -2.06 -2.90	48.21 -1.03 -6.08	50.06 -1.03 -6.91	57.96 -1.14 -7.17	136.21 -2.91 0.00	143.03 -3.18 0.00	150.59 -3.18 0.00	174.00 -3.46 0.00	193.85 -4.48 0.00	143.86 -3.09 0.00	140.17 -3.02 0.00	135.32 -3.14 0.00
YORK___WARBASSE 23770	141.24 10.83 0.00	147.26 11.19 0.00	132.34 9.85 0.00	122.23 9.07 -0.01	107.15 7.10 -10.78	102.53 5.43 -31.57	122.75 7.76 -10.23	646.97 9.08 -515.23	1068.52 8.41 -956.15	375.85 5.14 -310.42	509.74 11.63 -366.18	445.74 5.22 -385.02	387.42 8.32 -289.45	214.68 4.08 -167.43	276.21 4.18 -227.84	500.66 5.12 -443.61	697.70 13.18 -545.40	724.33 11.79 -566.33	927.21 12.11 -761.34	433.22 12.57 -243.19	931.21 15.26 -717.62	432.59 12.77 -272.88	509.82 12.53 -354.10	227.96 11.59 -77.92