

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								01/16/2025		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
59TH STREET_GT_1	24138	120.23	109.89	108.84	103.45	107.42	110.16	144.62	170.26	150.56	132.83	126.08	123.67	122.96	123.50	130.37	137.27	156.11	193.17	172.22	155.58	141.61	124.53	123.23	112.11			
		7.06	6.71	6.48	7.66	7.96	8.05	11.05	14.54	13.71	12.08	12.08	9.76	9.68	10.42	9.93	10.72	10.17	12.10	10.11	9.44	9.43	8.73	8.86	9.23			
		-31.14	-21.32	-21.39	-0.05	0.00	-18.26	-10.82	-5.80	-3.76	-10.93	0.00	-27.55	-27.56	-21.62	-30.98	-29.93	-50.98	-65.77	-65.81	-57.94	-39.73	-32.67	-32.34	-17.45			
74TH STREET_GT_1	24260	120.15	110.06	108.92	103.55	107.52	110.42	144.25	169.81	150.16	132.61	125.86	123.51	122.80	123.24	130.21	137.19	156.02	193.08	172.15	155.59	141.62	124.62	123.32	112.28			
		6.97	6.88	6.56	7.76	8.06	8.30	10.68	14.09	13.31	11.86	11.86	9.59	9.51	10.15	9.75	10.63	10.07	11.99	10.02	9.44	9.43	8.81	8.94	9.40			
		-31.15	-21.32	-21.40	-0.05	0.00	-18.26	-10.82	-5.80	-3.76	-10.94	0.00	-27.56	-27.57	-21.63	-30.99	-29.94	-51.00	-65.78	-65.83	-57.96	-39.74	-32.68	-32.35	-17.45			
74TH STREET_GT_2	24261	120.15	110.06	108.92	103.55	107.52	110.42	144.25	169.81	150.16	132.61	125.86	123.51	122.80	123.24	130.21	137.19	156.02	193.08	172.15	155.59	141.62	124.62	123.32	112.28			
		6.97	6.88	6.56	7.76	8.06	8.30	10.68	14.09	13.31	11.86	11.86	9.59	9.51	10.15	9.75	10.63	10.07	11.99	10.02	9.44	9.43	8.81	8.94	9.40			
		-31.15	-21.32	-21.40	-0.05	0.00	-18.26	-10.82	-5.80	-3.76	-10.94	0.00	-27.56	-27.57	-21.63	-30.99	-29.94	-51.00	-65.78	-65.83	-57.96	-39.74	-32.68	-32.35	-17.45			
ADK HUDSON___FALLS	24011	128.00	115.20	114.42	102.60	106.62	208.02	202.08	198.87	167.68	156.72	122.67	96.42	95.47	127.93	100.66	134.07	161.36	201.35	197.76	199.29	176.56	154.27	161.85	157.05			
		5.99	5.98	5.99	6.80	7.16	6.46	9.57	11.54	10.38	8.79	8.66	6.82	6.51	7.13	7.34	8.12	7.98	9.80	7.90	7.50	7.49	6.65	6.23	6.24			
		-39.98	-27.37	-27.46	-0.06	0.00	-117.71	-69.75	-37.41	-24.21	-38.12	0.00	-3.24	-3.24	-29.34	-3.86	-29.34	-58.43	-76.24	-93.56	-103.60	-76.63	-64.49	-73.59	-65.38			
ADK RESOURCE___RCVRY	23798	128.35	115.46	114.77	102.99	107.02	208.89	203.05	199.82	168.61	157.45	123.13	96.68	95.73	128.38	101.01	134.61	162.08	202.24	198.54	200.12	177.33	154.86	162.40	157.51			
		6.32	6.22	6.32	7.18	7.56	6.71	10.18	12.30	11.18	9.33	9.12	7.16	6.86	7.50	7.78	8.60	8.55	10.49	8.37	7.94	7.95	6.98	6.48	6.41			
		-40.01	-27.38	-27.48	-0.06	0.00	-118.32	-70.12	-37.60	-24.33	-38.30	0.00	-3.16	-3.16	-29.41	-3.77	-29.40	-58.58	-76.44	-93.86	-103.99	-76.93	-64.74	-73.89	-65.67			
ADK S GLENS___FALLS	24028	128.00	115.20	114.42	102.60	106.62	208.02	202.08	198.87	167.68	156.72	122.67	96.42	95.47	127.93	100.66	134.07	161.36	201.35	197.76	199.29	176.56	154.27	161.85	157.05			
		5.99	5.98	5.99	6.80	7.16	6.46	9.57	11.54	10.38	8.79	8.66	6.82	6.51	7.13	7.34	8.12	7.98	9.80	7.90	7.50	7.49	6.65	6.23	6.24			
		-39.98	-27.37	-27.46	-0.06	0.00	-117.71	-69.75	-37.41	-24.21	-38.12	0.00	-3.24	-3.24	-29.34	-3.86	-29.34	-58.43	-76.24	-93.56	-103.60	-76.63	-64.49	-73.59	-65.38			
ADK_NYS___DAM	23527	126.63	114.29	113.34	102.70	106.72	179.25	184.88	189.54	161.81	148.82	123.46	103.00	102.29	125.87	107.73	133.12	157.00	194.98	187.00	183.57	164.48	144.28	149.32	144.55			
		6.07	6.06	5.91	6.90	7.26	7.55	10.07	11.70	10.65	9.33	9.46	7.60	7.54	8.05	7.96	8.40	8.17	9.56	8.37	7.94	8.14	7.56	7.39	7.85			
		-38.53	-26.37	-26.47	-0.06	0.00	-87.85	-52.06	-27.92	-18.07	-29.68	0.00	-9.03	-9.03	-26.36	-10.31	-28.10	-53.88	-70.11	-82.33	-87.43	-63.89	-53.58	-59.91	-51.26			
AIR_PRODUCTS___DRP	24190	124.07	111.69	110.86	99.63	103.44	149.73	163.90	174.48	150.41	134.99	119.25	94.10	93.42	114.62	97.45	117.78	131.71	162.45	152.04	148.54	137.53	121.69	125.80	129.29			
		3.36	3.36	3.32	3.83	3.98	3.69	4.30	4.80	4.53	4.72	5.24	4.32	4.29	4.57	4.03	4.06	3.23	3.46	3.08	3.00	2.87	3.08	3.61	4.10			
		-38.68	-26.48	-26.57	-0.06	0.00	-62.18	-36.85	-19.76	-12.79	-20.46	0.00	-3.42	-3.42	-18.59	-3.96	-17.10	-33.52	-43.69	-52.66	-57.34	-42.21	-35.48	-40.16	-39.76			
AKWESSNE_115KV_BK	355683	80.47	80.47	79.83	94.69	98.07	82.09	120.79	147.97	131.23	107.51	112.18	84.46	83.83	89.26	87.41	94.11	93.06	113.00	94.47	86.17	91.06	81.64	80.47	83.98			
		-1.56	-1.39	-1.13	-1.05	-1.39	-1.76	-1.96	-1.95	-1.86	-2.31	-1.82	-1.90	-1.89	-2.20	-2.06	-2.51	-1.90	-2.31	-1.83	-2.03	-1.39	-1.50	-1.56	-1.45			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	124.22	112.00	111.15	100.87	104.63	133.68	155.12	170.29	147.55	129.56	118.90	93.45	92.69	110.91	97.07	114.22	124.57	153.40	140.22	135.21	127.98	113.56	116.14	121.82			
		4.26	4.17	4.13	5.07	5.17	4.11	5.27	5.84	5.06	4.61	4.90	4.06	3.94	4.30	4.12	4.54	4.17	4.95	4.23	4.06	3.97	3.91	4.18	4.27			
		-37.93	-25.96	-26.06	-0.06	0.00	-45.72	-27.09	-14.53	-9.40	-15.13	0.00	-3.03	-3.03	-15.15	-3.49	-13.05	-25.43	-33.14	-39.68	-42.95	-31.56	-26.51	-29.93	-32.12			
ALBANY_2_SOLAR	323834	124.15	112.00	111.15	100.78	104.63	133.65	155.10	170.28	147.55	129.55	118.79	93.34	92.67	110.81	97.04	114.19	124.52	153.23	140.06	135.06	127.85	113.52	116.10	121.80			
		4.18	4.17	4.13	4.98	5.17	4.11	5.27	5.84	5.06	4.61	4.79	3.97	3.94	4.21	4.12	4.54	4.17	4.84	4.14	3.97	3.88	3.91	4.18	4.27			
		-37.93	-25.97	-26.06	-0.06	0.00	-45.68	-27.07	-14.52	-9.40	-15.12	0.00	-3.01	-3.01	-15.14	-3.46	-13.03	-25.39	-33.08	-39.62	-42.90	-31.52	-26.48	-29.89	-32.10			
ALBANY___1	23571	124.07	111.69	110.86	99.63	103.44	149.73	163.90	174.48	150.41	134.99	119.25	94.10	93.42	114.62	97.45	117.78	131.71	162.45	152.04	148.54	137.53	121.69	125.80	129.29			
		3.36	3.36	3.32	3.83	3.98	3.69	4.30	4.80	4.53	4.72	5.24	4.32	4.29	4.57	4.03	4.06	3.23	3.46	3.08	3.00	2.87	3.08	3.61	4.10			
		-38.68	-26.48	-26.57	-0.06	0.00	-62.18	-36.85	-19.76	-12.79	-20.46	0.00	-3.42	-3.42	-18.59	-3.96	-17.10	-33.52	-43.69	-52.66	-57.34	-42.21	-35.48	-40.16	-39.76			

ALBANY___2 23572	124.07 3.36 -38.68	111.69 3.36 -26.48	110.86 3.32 -26.57	99.63 3.83 -0.06	103.44 3.98 0.00	149.73 3.69 -62.18	163.90 4.30 -36.85	174.48 4.80 -19.76	150.41 4.53 -12.79	134.99 4.72 -20.46	119.25 5.24 0.00	94.10 4.32 -3.42	93.42 4.29 -3.42	114.62 4.57 -18.59	97.45 4.03 -3.96	117.78 4.06 -17.10	131.71 3.23 -33.52	162.45 3.46 -43.69	152.04 3.08 -52.66	148.54 3.00 -57.34	137.53 2.87 -42.21	121.69 3.08 -35.48	125.80 3.61 -40.16	129.29 4.10 -39.76
ALBANY___3 23573	124.07 3.36 -38.68	111.69 3.36 -26.48	110.86 3.32 -26.57	99.63 3.83 -0.06	103.44 3.98 0.00	149.73 3.69 -62.18	163.90 4.30 -36.85	174.48 4.80 -19.76	150.41 4.53 -12.79	134.99 4.72 -20.46	119.25 5.24 0.00	94.10 4.32 -3.42	93.42 4.29 -3.42	114.62 4.57 -18.59	97.45 4.03 -3.96	117.78 4.06 -17.10	131.71 3.23 -33.52	162.45 3.46 -43.69	152.04 3.08 -52.66	148.54 3.00 -57.34	137.53 2.87 -42.21	121.69 3.08 -35.48	125.80 3.61 -40.16	129.29 4.10 -39.76
ALBANY___4 23574	124.07 3.36 -38.68	111.69 3.36 -26.48	110.86 3.32 -26.57	99.63 3.83 -0.06	103.44 3.98 0.00	149.73 3.69 -62.18	163.90 4.30 -36.85	174.48 4.80 -19.76	150.41 4.53 -12.79	134.99 4.72 -20.46	119.25 5.24 0.00	94.10 4.32 -3.42	93.42 4.29 -3.42	114.62 4.57 -18.59	97.45 4.03 -3.96	117.78 4.06 -17.10	131.71 3.23 -33.52	162.45 3.46 -43.69	152.04 3.08 -52.66	148.54 3.00 -57.34	137.53 2.87 -42.21	121.69 3.08 -35.48	125.80 3.61 -40.16	129.29 4.10 -39.76
ALBANY___LFGE 323615	125.02 3.94 -39.05	112.52 3.93 -26.73	111.68 3.89 -26.82	100.30 4.50 -0.06	104.14 4.68 0.00	167.81 4.36 -79.60	175.45 5.53 -47.17	181.51 6.30 -25.30	155.46 5.99 -16.37	141.77 5.82 -26.14	120.27 6.27 0.00	95.57 5.09 -4.11	94.88 5.06 -4.11	119.18 5.39 -22.33	99.15 4.92 -4.77	123.29 5.02 -21.64	141.73 4.28 -42.49	175.54 4.84 -55.40	167.35 4.14 -66.91	165.18 3.97 -73.01	150.10 3.88 -53.78	132.24 3.91 -45.20	137.60 4.34 -51.22	137.96 4.78 -47.74
ALCOA_PA_115KV_PL-6C 55860	80.55 -1.48 0.00	80.55 -1.31 0.00	80.08 -0.89 0.00	94.78 -0.96 0.00	98.07 -1.39 0.00	82.26 -1.59 0.00	120.54 -2.21 0.00	147.82 -2.10 0.00	130.97 -2.13 0.00	107.29 -2.53 0.00	112.29 -1.71 0.00	84.46 -1.90 0.00	83.83 -1.89 0.00	89.26 -2.20 0.00	87.50 -1.97 0.00	93.92 -2.71 0.00	92.87 -2.09 0.00	112.88 -2.42 0.00	94.37 -1.93 0.00	85.99 -2.20 0.00	90.97 -1.48 0.00	81.64 -1.50 0.00	80.72 -1.31 0.00	84.15 -1.28 0.00
ALCOA_RYNLDS___DRP 24188	80.55 -1.48 0.00	80.55 -1.31 0.00	80.08 -0.89 0.00	94.78 -0.96 0.00	98.07 -1.39 0.00	82.26 -1.59 0.00	120.54 -2.21 0.00	147.82 -2.10 0.00	130.97 -2.13 0.00	107.29 -2.53 0.00	112.29 -1.71 0.00	84.46 -1.90 0.00	83.83 -1.89 0.00	89.26 -2.20 0.00	87.50 -1.97 0.00	93.92 -2.71 0.00	92.87 -2.09 0.00	112.88 -2.42 0.00	94.37 -1.93 0.00	85.99 -2.20 0.00	90.97 -1.48 0.00	81.64 -1.50 0.00	80.72 -1.31 0.00	84.15 -1.28 0.00
ALCOA___DSASP 323711	80.56 -1.47 0.00	80.55 -1.31 0.00	80.08 -0.89 0.00	94.78 -0.96 0.00	98.07 -1.39 0.00	82.09 -1.76 0.00	120.54 -2.21 0.00	147.82 -2.10 0.00	130.96 -2.13 0.00	107.18 -2.64 0.00	112.30 -1.71 0.00	84.46 -1.90 0.00	83.83 -1.89 0.00	89.26 -2.20 0.00	87.49 -1.97 0.00	93.92 -2.70 0.00	92.87 -2.09 0.00	112.88 -2.43 0.00	94.38 -1.93 0.00	85.99 -2.20 0.00	90.96 -1.48 0.00	81.64 -1.49 0.00	80.71 -1.32 0.00	84.15 -1.28 0.00
ALLEGHENY___COGEN 23514	89.09 1.39 -5.67	86.48 0.74 -3.88	85.27 0.41 -3.90	95.09 -0.67 -0.01	99.07 -0.40 0.00	87.99 1.34 -2.80	126.49 2.08 -1.66	142.41 -8.39 -0.89	125.42 -8.25 -0.58	104.58 -6.37 -1.13	105.79 -8.21 0.00	83.08 -4.58 -1.29	82.46 -4.55 -1.29	88.52 -4.85 -1.91	86.26 -4.66 -1.46	93.63 -4.83 -1.84	94.15 -4.08 -3.27	115.39 -4.15 -4.24	97.46 -3.37 -4.53	89.81 -2.73 -4.35	96.63 1.11 -3.07	87.26 1.58 -2.55	85.71 0.99 -2.69	89.23 0.85 -2.95
ALTAMONT_115KV_TB 2 55880	124.05 3.36 -38.65	111.67 3.36 -26.46	110.76 3.24 -26.55	99.63 3.83 -0.06	103.44 3.98 0.00	133.52 3.35 -46.31	154.49 4.30 -27.44	169.58 4.95 -14.72	147.14 4.53 -9.52	128.86 4.28 -14.76	118.45 4.45 0.00	89.99 3.63 0.00	89.31 3.60 0.00	109.12 3.84 -13.82	93.22 3.67 -0.09	110.93 3.96 -10.35	119.42 3.51 -20.95	146.72 4.04 -27.38	134.08 3.47 -34.32	130.27 3.35 -38.72	124.47 3.24 -28.79	110.64 3.24 -24.27	113.32 3.36 -27.93	121.68 3.59 -32.66
ALTONA_WT_PWR 323606	81.21 -0.82 0.00	81.20 -0.66 0.00	80.57 -0.40 0.00	95.55 -0.19 0.00	98.97 -0.49 0.00	83.10 -0.76 0.00	121.28 -1.47 0.00	147.96 -1.95 0.00	130.96 -2.13 0.00	107.51 -2.31 0.00	112.86 -1.14 0.00	85.07 -1.29 0.00	84.34 -1.37 0.00	89.72 -1.74 0.00	87.86 -1.61 0.00	94.78 -1.84 0.00	94.01 -0.95 0.00	114.04 -1.27 0.00	95.53 -0.77 0.00	86.96 -1.23 0.00	91.90 -0.55 0.00	82.30 -0.83 0.00	80.96 -1.07 0.00	85.01 -0.43 0.00
AMERICAN_REF_FUEL 24010	79.24 -7.79 -5.00	77.18 -8.11 -3.42	75.90 -8.50 -3.44	84.16 -11.59 -0.01	87.83 -11.64 0.00	75.55 -8.30 0.00	109.37 -13.38 0.00	129.83 -20.08 0.00	115.12 -17.97 0.00	95.75 -14.27 -0.21	98.50 -15.50 0.00	77.31 -10.19 -1.13	77.08 -9.77 -1.14	81.88 -11.25 -1.67	79.82 -10.92 -1.27	86.48 -11.21 -1.06	84.94 -11.78 -1.76	104.31 -13.26 -2.26	86.31 -12.14 -2.15	79.81 -10.14 -1.75	81.32 -12.30 -1.16	74.27 -9.81 -0.95	73.72 -9.19 -0.87	78.94 -9.06 -2.57
ARKWRIGHT___SUMMIT_WT_PWR 323751	81.85 -5.74 -5.57	79.45 -6.22 -3.81	77.99 -6.80 -3.82	86.94 -8.81 -0.01	90.81 -8.65 0.00	81.06 -5.54 -2.74	115.54 -8.84 -1.63	135.80 -14.99 -0.87	120.48 -13.18 -0.56	100.72 -10.21 -1.11	102.95 -11.06 0.00	81.24 -6.39 -1.27	80.90 -6.08 -1.27	86.48 -6.86 -1.88	84.45 -6.44 -1.43	91.85 -6.57 -1.80	91.24 -6.93 -3.21	112.20 -7.26 -4.16	93.52 -7.22 -4.45	86.81 -5.65 -4.26	87.70 -7.77 -3.02	79.74 -5.90 -2.50	79.01 -5.66 -2.64	83.28 -5.04 -2.89
ARTHUR KILL_GT_1 23520	119.99 6.80 -31.15	116.98 7.28 -27.84	116.02 7.13 -27.92	116.30 8.43 -12.13	116.37 8.75 -8.15	117.03 8.56 -24.62	143.75 10.18 -10.82	169.06 13.34 -5.80	149.56 12.65 -3.81	218.14 11.42 -96.91	219.53 11.40 -94.13	198.80 9.15 -103.28	184.77 9.08 -89.97	165.63 9.69 -64.48	157.84 9.39 -58.99	237.01 10.34 -130.05	166.23 9.88 -61.40	292.84 11.64 -165.89	373.66 9.83 -267.53	318.83 9.17 -221.46	316.71 9.33 -214.93	224.66 8.73 -132.79	127.15 8.78 -36.33	119.12 9.15 -24.54
ARTHUR_KILL_2 23512	119.75 6.56 -31.15	116.74 7.04 -27.84	115.77 6.88 -27.92	116.00 8.13 -12.13	116.06 8.45 -8.15	116.77 8.30 -24.62	143.40 9.82 -10.82	168.62 12.89 -5.80	149.14 12.24 -3.81	217.81 11.09 -96.91	219.19 11.06 -94.13	198.54 8.90 -103.28	184.51 8.83 -89.97	165.37 9.42 -64.48	157.58 9.13 -58.99	236.72 10.05 -130.05	165.85 9.49 -61.40	292.38 11.18 -165.89	373.37 9.54 -267.53	318.56 8.90 -221.46	316.35 8.96 -214.93	224.41 8.48 -132.79	126.89 8.53 -36.33	118.86 8.88 -24.54
ARTHUR_KILL_3 23513	119.08 5.91 -31.14	115.52 5.81 -27.85	114.48 5.58 -27.93	114.48 6.60 -12.14	114.48 6.86 -8.16	115.52 7.04 -24.62	142.77 9.21 -10.81	166.07 12.30 -3.85	146.38 11.72 -1.57	137.76 10.54 -17.40	128.17 10.48 -3.68	128.17 8.47 -33.34	128.17 8.40 -34.05	128.17 8.97 -27.74	128.17 8.68 -30.03	128.92 9.37 -22.93	129.92 8.92 -26.04	163.78 10.49 -37.98	143.15 8.85 -38.00	135.94 8.29 -39.46	129.17 8.32 -28.40	128.17 7.81 -37.22	125.89 7.95 -35.90	117.58 8.38 -23.77

ARTHUR_KILL_COGEN 323718	119.99 6.80 -31.15	116.98 7.28 -27.84	116.02 7.13 -27.92	116.30 8.43 -12.13	116.37 8.75 -8.15	117.03 8.56 -24.62	143.75 10.18 -10.82	169.06 13.34 -5.80	149.56 12.65 -3.81	218.14 11.42 -96.91	219.53 11.40 -94.13	198.80 9.15 -103.28	184.77 9.08 -89.97	165.63 9.69 -64.48	157.84 9.39 -58.99	237.01 10.34 -130.05	166.23 9.88 -61.40	292.84 11.64 -165.89	373.66 9.83 -267.53	318.83 9.17 -221.46	316.71 9.33 -214.93	224.66 8.73 -132.79	127.15 8.78 -36.33	119.12 9.15 -24.54
ASHOKAN____ 23654	121.84 4.84 -34.97	110.38 4.58 -23.94	109.28 4.29 -24.02	104.99 9.19 -0.05	108.81 9.35 0.00	128.75 6.62 -38.27	154.39 8.96 -22.68	173.47 11.39 -12.16	150.42 9.45 -7.87	131.81 7.57 -14.42	123.46 9.46 0.00	107.56 9.25 -11.95	106.93 9.26 -11.96	118.99 9.60 -17.93	112.72 9.75 -13.50	127.21 10.82 -19.77	142.43 11.58 -35.89	176.24 14.41 -46.53	159.23 11.84 -51.09	149.40 10.67 -50.54	139.38 10.81 -36.12	123.28 10.06 -30.09	124.37 10.00 -32.34	119.10 5.89 -27.78
ASTORIA_EAST_ENERGY_CC1 323581	120.32 7.13 -31.15	109.82 6.63 -21.33	108.77 6.39 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.26 8.13 -18.27	143.75 10.18 -10.82	169.06 13.34 -5.80	149.35 12.51 -3.75	132.07 11.31 -10.94	125.41 11.40 -0.01	123.08 9.15 -27.57	122.47 9.18 -27.58	122.88 9.79 -21.63	129.85 9.39 -31.00	136.70 10.14 -29.94	155.53 9.59 -50.99	192.39 11.31 -65.78	171.76 9.63 -65.83	155.15 9.00 -57.96	141.43 9.24 -39.74	124.38 8.56 -32.68	123.08 8.69 -32.36	112.04 9.15 -17.46
ASTORIA_EAST_ENERGY_CC2 323582	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.35 8.22 -18.27	143.75 10.18 -10.82	169.06 13.34 -5.80	149.35 12.51 -3.75	132.07 11.31 -10.94	125.41 11.40 -0.01	123.08 9.15 -27.57	122.47 9.18 -27.58	122.88 9.79 -21.63	129.85 9.39 -31.00	136.70 10.14 -29.94	155.53 9.59 -50.99	192.39 11.31 -65.78	171.76 9.63 -65.83	155.15 9.00 -57.96	141.52 9.33 -39.74	124.38 8.56 -32.68	123.17 8.78 -32.36	112.04 9.15 -17.46
ASTORIA_GT2_1 24094	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT2_2 24095	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT2_3 24096	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT2_4 24097	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT3_1 24098	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT3_2 24099	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT3_3 24100	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT3_4 24101	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT4_1 24102	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT4_2 24103	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT4_3 24104	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46

ASTORIA_GT4_4 24105	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.17 8.05 -18.27	143.76 10.19 -10.82	169.06 13.34 -5.80	149.36 12.51 -3.76	132.07 11.31 -10.94	125.41 11.40 -0.01	123.17 9.24 -27.57	122.46 9.17 -27.58	122.88 9.79 -21.63	129.95 9.48 -31.00	136.70 10.15 -29.94	155.63 9.69 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.83	155.24 9.08 -57.96	141.52 9.34 -39.74	124.55 8.73 -32.68	123.17 8.78 -32.36	112.03 9.14 -17.46
ASTORIA_GT_1 23523	120.57 7.39 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.65 7.85 -0.06	107.52 8.05 -0.01	110.51 8.38 -18.27	144.00 10.43 -10.82	169.36 13.64 -5.80	149.75 12.91 -3.75	132.40 11.64 -10.94	125.65 11.63 -0.01	123.34 9.41 -27.57	122.72 9.43 -27.58	123.06 9.97 -21.63	130.13 9.67 -31.00	137.00 10.44 -29.94	155.82 9.88 -50.99	192.72 11.64 -65.78	171.96 9.83 -65.83	155.41 9.26 -57.96	141.71 9.52 -39.74	124.63 8.81 -32.68	123.33 8.94 -32.36	112.20 9.31 -17.46
ASTORIA_GT_10 24110	120.16 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.76 10.19 -10.82	169.21 13.49 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.57 -34.96	136.99 10.44 -29.94	157.30 9.88 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.63 8.81 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
ASTORIA_GT_11 24225	120.16 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.76 10.19 -10.82	169.21 13.49 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.57 -34.96	136.99 10.44 -29.94	157.30 9.88 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.63 8.81 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
ASTORIA_GT_12 24226	120.16 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.76 10.19 -10.82	169.21 13.49 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.57 -34.96	136.99 10.44 -29.94	157.30 9.88 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.63 8.81 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
ASTORIA_GT_13 24227	120.16 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.76 10.19 -10.82	169.21 13.49 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.57 -34.96	136.99 10.44 -29.94	157.30 9.88 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.63 8.81 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
ASTORIA_GT_5 24106	120.57 7.38 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.65 7.85 -0.06	107.53 8.06 -0.01	110.26 8.13 -18.27	144.01 10.43 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	132.29 11.53 -10.94	125.64 11.63 -0.01	123.34 9.41 -27.57	122.72 9.43 -27.58	123.06 9.97 -21.63	130.12 9.66 -31.00	136.99 10.44 -29.94	155.82 9.88 -50.99	192.73 11.65 -65.78	171.95 9.82 -65.83	155.42 9.26 -57.96	141.71 9.52 -39.74	124.72 8.90 -32.68	123.33 8.94 -32.36	112.20 9.31 -17.46
ASTORIA_GT_7 24107	120.57 7.38 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.65 7.85 -0.06	107.53 8.06 -0.01	110.26 8.13 -18.27	144.01 10.43 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	132.29 11.53 -10.94	125.64 11.63 -0.01	123.34 9.41 -27.57	122.72 9.43 -27.58	123.06 9.97 -21.63	130.12 9.66 -31.00	136.99 10.44 -29.94	155.82 9.88 -50.99	192.73 11.65 -65.78	171.95 9.82 -65.83	155.42 9.26 -57.96	141.71 9.52 -39.74	124.72 8.90 -32.68	123.33 8.94 -32.36	112.20 9.31 -17.46
ASTORIA_GT_8 24108	120.57 7.38 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.65 7.85 -0.06	107.53 8.06 -0.01	110.26 8.13 -18.27	144.01 10.43 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	132.29 11.53 -10.94	125.64 11.63 -0.01	123.34 9.41 -27.57	122.72 9.43 -27.58	123.06 9.97 -21.63	130.12 9.66 -31.00	136.99 10.44 -29.94	155.82 9.88 -50.99	192.73 11.65 -65.78	171.95 9.82 -65.83	155.42 9.26 -57.96	141.71 9.52 -39.74	124.72 8.90 -32.68	123.33 8.94 -32.36	112.20 9.31 -17.46
ASTORIA___2 24149	120.40 7.22 -31.15	109.82 6.63 -21.33	108.85 6.48 -21.40	103.46 7.66 -0.06	107.43 7.96 -0.01	110.35 8.22 -18.27	143.75 10.18 -10.82	169.06 13.34 -5.80	149.35 12.51 -3.75	132.07 11.31 -10.94	125.41 11.40 -0.01	123.18 9.25 -27.57	122.47 9.18 -27.58	122.88 9.79 -21.63	129.94 9.48 -31.00	136.80 10.24 -29.94	155.64 9.69 -50.99	192.50 11.42 -65.78	171.76 9.63 -65.83	155.24 9.09 -57.96	141.52 9.33 -39.74	124.38 8.56 -32.68	123.17 8.78 -32.36	112.04 9.15 -17.46
ASTORIA___3 23516	120.15 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.75 -0.06	107.52 8.05 -0.01	110.18 8.05 -18.27	143.75 10.18 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.59 11.64 -23.14	139.00 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.58 -34.96	137.00 10.44 -29.94	157.30 9.88 -52.47	192.85 11.77 -65.78	171.96 9.83 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.55 8.73 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
ASTORIA___4 23517	120.16 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.76 10.19 -10.82	169.21 13.49 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.57 -34.96	136.99 10.44 -29.94	157.30 9.88 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.63 8.81 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
ASTORIA___5 23518	120.15 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.75 -0.06	107.52 8.05 -0.01	110.18 8.05 -18.27	143.75 10.18 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.59 11.64 -23.14	139.00 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.58 -34.96	137.00 10.44 -29.94	157.30 9.88 -52.47	192.85 11.77 -65.78	171.96 9.83 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.55 8.73 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
AST_ENERGY_2_CC3 323677	119.65 6.48 -31.14	109.57 6.39 -21.32	108.51 6.15 -21.39	102.98 7.18 -0.05	107.02 7.56 0.00	109.66 7.55 -18.26	139.35 9.82 -6.78	168.92 13.20 -5.80	149.23 12.38 -3.76	131.96 11.21 -10.93	125.18 11.18 0.00	122.90 8.98 -27.56	122.19 8.91 -27.57	122.60 9.51 -21.62	129.58 9.13 -30.99	136.51 9.95 -29.93	148.86 9.31 -44.59	182.72 11.07 -56.34	162.09 9.25 -56.54	154.88 8.73 -57.95	140.87 8.69 -39.73	124.12 8.31 -32.67	122.99 8.61 -32.35	111.93 9.05 -17.45
AST_ENERGY_2_CC4 323678	119.65 6.48 -31.14	109.57 6.39 -21.32	108.51 6.15 -21.39	102.98 7.18 -0.05	107.02 7.56 0.00	109.66 7.55 -18.26	139.35 9.82 -6.78	168.92 13.20 -5.80	149.23 12.38 -3.76	131.96 11.21 -10.93	125.18 11.18 0.00	122.90 8.98 -27.56	122.19 8.91 -27.57	122.60 9.51 -21.62	129.58 9.13 -30.99	136.51 9.95 -29.93	148.86 9.31 -44.59	182.72 11.07 -56.34	162.09 9.25 -56.54	154.88 8.73 -57.95	140.87 8.69 -39.73	124.12 8.31 -32.67	122.99 8.61 -32.35	111.93 9.05 -17.45

ATHENS_STG_1 23668	120.99 3.94 -35.02	109.68 3.85 -23.97	108.75 3.73 -24.06	100.20 4.41 -0.05	104.04 4.58 0.00	97.61 4.19 -9.57	133.95 5.53 -5.67	159.40 6.44 -3.04	141.06 5.99 -1.97	126.16 5.60 -10.75	119.59 5.58 0.00	132.41 4.57 -41.47	131.74 4.54 -41.49	124.04 4.84 -27.74	140.80 4.74 -46.60	142.79 5.12 -41.05	168.33 4.75 -68.62	209.11 5.42 -88.39	186.75 4.72 -85.74	164.84 4.50 -72.15	145.47 4.44 -48.59	127.17 4.32 -39.72	124.17 4.34 -37.79	104.86 4.52 -14.91
ATHENS_STG_2 23670	120.99 3.94 -35.02	109.68 3.85 -23.97	108.75 3.73 -24.06	100.20 4.41 -0.05	104.04 4.58 0.00	97.61 4.19 -9.57	133.95 5.53 -5.67	159.40 6.44 -3.04	141.06 5.99 -1.97	126.16 5.60 -10.75	119.59 5.58 0.00	132.41 4.57 -41.47	131.74 4.54 -41.49	124.04 4.84 -27.74	140.80 4.74 -46.60	142.79 5.12 -41.05	168.33 4.75 -68.62	209.11 5.42 -88.39	186.75 4.72 -85.74	164.84 4.50 -72.15	145.47 4.44 -48.59	127.17 4.32 -39.72	124.17 4.34 -37.79	104.86 4.52 -14.91
ATHENS_STG_3 23677	120.99 3.94 -35.02	109.68 3.85 -23.97	108.75 3.73 -24.06	100.20 4.41 -0.05	104.04 4.58 0.00	97.61 4.19 -9.57	133.95 5.53 -5.67	159.40 6.44 -3.04	141.06 5.99 -1.97	126.16 5.60 -10.75	119.59 5.58 0.00	132.41 4.57 -41.47	131.74 4.54 -41.49	124.04 4.84 -27.74	140.80 4.74 -46.60	142.79 5.12 -41.05	168.33 4.75 -68.62	209.11 5.42 -88.39	186.75 4.72 -85.74	164.84 4.50 -72.15	145.47 4.44 -48.59	127.17 4.32 -39.72	124.17 4.34 -37.79	104.86 4.52 -14.91
AUBURN___LFGE 323710	87.10 0.66 -4.42	85.29 0.41 -3.02	84.25 0.24 -3.04	95.65 -0.10 -0.01	99.56 0.10 0.00	84.94 1.09 0.00	124.22 1.47 0.00	151.27 1.35 0.00	134.03 0.93 0.00	110.99 0.99 -0.19	114.46 0.46 0.00	88.31 0.95 -1.00	87.66 0.94 -1.00	93.94 1.01 -1.48	91.57 0.98 -1.12	98.91 1.35 -0.94	97.74 1.23 -1.55	119.14 1.84 -1.99	99.73 1.54 -1.89	91.33 1.59 -1.54	94.40 0.92 -1.02	85.05 1.08 -0.83	83.54 0.74 -0.77	88.39 0.68 -2.27
BABYLON_RES_REC 323704	139.58 8.86 -48.69	129.26 8.84 -38.55	127.66 8.58 -38.11	126.94 10.05 -21.15	127.46 10.54 -17.46	145.35 10.14 -51.36	162.69 14.35 -25.58	188.35 18.28 -20.15	160.23 15.30 -11.84	143.39 13.06 -20.52	136.64 12.65 -9.99	132.64 10.36 -35.91	131.89 10.20 -35.98	132.34 10.88 -30.00	140.71 10.55 -40.70	148.11 11.69 -39.80	170.68 11.29 -64.43	199.30 13.14 -70.86	185.08 11.07 -77.71	171.21 10.67 -72.35	160.02 10.72 -56.85	153.28 9.97 -60.17	137.63 10.74 -44.85	125.70 11.19 -29.08
BABYLON__69_KV_BK2 356345	141.03 10.01 -48.99	130.67 9.91 -38.90	129.05 9.64 -38.45	128.64 11.30 -21.60	129.12 11.84 -17.82	147.44 11.49 -52.10	164.88 16.45 -25.68	190.60 20.54 -20.15	163.04 18.10 -11.84	145.71 15.37 -20.52	138.93 14.93 -9.99	134.37 12.09 -35.91	133.61 11.91 -35.98	134.17 12.71 -30.00	142.60 12.44 -40.70	150.35 13.91 -39.82	172.97 13.58 -64.43	202.65 16.49 -70.86	187.93 13.87 -77.77	173.61 12.96 -72.45	162.57 13.04 -57.09	155.43 11.81 -60.49	138.95 11.89 -45.02	127.04 12.30 -29.31
BALL_HILL_WT_PWR 323825	81.82 -5.58 -5.37	79.56 -5.97 -3.67	78.10 -6.56 -3.69	87.32 -8.43 -0.01	91.21 -8.25 0.00	81.21 -5.28 -2.64	115.60 -8.71 -1.57	135.77 -14.99 -0.84	120.33 -13.31 -0.54	100.45 -10.44 -1.07	102.60 -11.40 0.00	80.67 -6.91 -1.22	80.34 -6.60 -1.22	85.67 -7.59 -1.81	83.60 -7.24 -1.38	90.92 -7.44 -1.74	90.17 -7.88 -3.09	110.89 -8.41 -4.00	92.49 -8.09 -4.28	85.78 -6.53 -4.11	86.76 -8.59 -2.90	78.89 -6.65 -2.41	78.33 -6.24 -2.54	82.65 -5.55 -2.77
BARON_WINDS___WT_PWR 323822	87.09 -2.21 -7.27	84.30 -2.54 -4.98	83.05 -2.91 -4.99	91.92 -3.83 -0.01	95.68 -3.78 0.00	85.88 -1.60 -3.62	121.83 -3.06 -2.14	144.47 -6.59 -1.15	127.59 -6.25 -0.74	106.45 -4.83 -1.46	108.31 -5.70 0.00	85.01 -3.03 -1.67	84.56 -2.83 -1.67	90.84 -3.11 -2.49	88.48 -2.87 -1.88	96.39 -2.60 -2.37	96.43 -2.76 -4.23	117.90 -2.88 -5.48	99.36 -2.80 -5.86	91.70 -2.12 -5.62	93.10 -3.32 -3.98	84.20 -2.24 -3.30	83.30 -2.21 -3.48	87.57 -1.71 -3.85
BARRETT_IC_1 23704	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13
BARRETT_IC_10 23701	153.11 7.95 -63.12	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	193.45 12.53 -58.17	229.80 15.88 -64.00	184.18 14.51 -36.58	172.26 12.62 -49.82	166.87 12.32 -40.55	157.67 9.84 -61.47	157.20 9.77 -61.72	157.50 10.42 -55.62	170.05 10.20 -70.39	175.98 11.20 -68.15	210.90 10.45 -105.49	214.08 12.46 -86.32	214.06 10.69 -107.07	201.73 10.05 -103.49	180.52 10.17 -77.91	194.48 9.56 -101.79	152.61 9.67 -60.90	130.74 10.16 -35.15
BARRETT_IC_11 23702	153.11 7.95 -63.12	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	193.45 12.53 -58.17	229.80 15.88 -64.00	184.18 14.51 -36.58	172.26 12.62 -49.82	166.87 12.32 -40.55	157.67 9.84 -61.47	157.20 9.77 -61.72	157.50 10.42 -55.62	170.05 10.20 -70.39	175.98 11.20 -68.15	210.90 10.45 -105.49	214.08 12.46 -86.32	214.06 10.69 -107.07	201.73 10.05 -103.49	180.52 10.17 -77.91	194.48 9.56 -101.79	152.61 9.67 -60.90	130.74 10.16 -35.15
BARRETT_IC_12 23703	153.11 7.95 -63.12	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	193.45 12.53 -58.17	229.80 15.88 -64.00	184.18 14.51 -36.58	172.26 12.62 -49.82	166.87 12.32 -40.55	157.67 9.84 -61.47	157.20 9.77 -61.72	157.50 10.42 -55.62	170.05 10.20 -70.39	175.98 11.20 -68.15	210.90 10.45 -105.49	214.08 12.46 -86.32	214.06 10.69 -107.07	201.73 10.05 -103.49	180.52 10.17 -77.91	194.48 9.56 -101.79	152.61 9.67 -60.90	130.74 10.16 -35.15
BARRETT_IC_2 23705	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13
BARRETT_IC_3 23706	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13
BARRETT_IC_4 23707	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13

BARRETT_IC_5 23708	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13
BARRETT_IC_6 23709	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13
BARRETT_IC_7 23710	187.00 7.96 -97.01	148.00 7.94 -58.20	148.00 7.69 -59.34	139.54 9.10 -34.70	139.53 9.45 -30.62	148.17 9.39 -54.92	277.23 12.52 -141.96	343.98 15.74 -178.32	248.53 14.37 -101.07	248.79 12.74 -126.23	246.54 12.31 -120.22	224.28 9.85 -128.08	224.28 9.77 -128.80	224.28 10.43 -122.40	247.44 10.20 -147.78	249.75 11.21 -141.92	317.94 10.45 -212.53	254.41 12.45 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.36 9.68 -100.65	143.73 10.17 -48.13
BARRETT_IC_8 23711	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13
BARRETT_IC_9 23700	153.11 7.95 -63.12	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	193.45 12.53 -58.17	229.80 15.88 -64.00	184.18 14.51 -36.58	172.26 12.62 -49.82	166.87 12.32 -40.55	157.67 9.84 -61.47	157.20 9.77 -61.72	157.50 10.42 -55.62	170.05 10.20 -70.39	175.98 11.20 -68.15	210.90 10.45 -105.49	214.08 12.46 -86.32	214.06 10.69 -107.07	201.73 10.05 -103.49	180.52 10.17 -77.91	194.48 9.56 -101.79	152.61 9.67 -60.90	130.74 10.16 -35.15
BARRETT___1 23545	187.00 7.95 -97.01	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	277.24 12.53 -141.96	344.12 15.88 -178.32	248.67 14.51 -101.07	248.67 12.62 -126.23	246.54 12.32 -120.22	224.28 9.84 -128.08	224.28 9.77 -128.80	224.28 10.42 -122.40	247.44 10.20 -147.78	249.74 11.20 -141.92	317.94 10.45 -212.53	254.41 12.46 -126.65	289.95 10.69 -182.96	281.70 10.05 -183.45	232.46 10.17 -129.84	298.97 9.56 -206.28	192.35 9.67 -100.65	143.73 10.16 -48.13
BARRETT___2 23546	153.11 7.95 -63.12	148.00 7.94 -58.20	148.00 7.70 -59.34	139.54 9.10 -34.70	139.54 9.45 -30.62	148.00 9.22 -54.92	193.45 12.53 -58.17	229.80 15.88 -64.00	184.18 14.51 -36.58	172.26 12.62 -49.82	166.87 12.32 -40.55	157.67 9.84 -61.47	157.20 9.77 -61.72	157.50 10.42 -55.62	170.05 10.20 -70.39	175.98 11.20 -68.15	210.90 10.45 -105.49	214.08 12.46 -86.32	214.06 10.69 -107.07	201.73 10.05 -103.49	180.52 10.17 -77.91	194.48 9.56 -101.79	152.61 9.67 -60.90	130.74 10.16 -35.15
BATAVIA__115KV_TB1 55881	82.89 -3.77 -4.64	80.78 -4.26 -3.17	79.54 -4.62 -3.18	88.57 -7.18 -0.01	92.50 -6.96 0.00	79.41 -4.44 0.00	115.63 -7.12 0.00	138.82 -11.09 0.00	123.11 -9.98 0.00	101.77 -8.24 -0.19	104.77 -9.23 0.00	81.80 -5.61 -1.05	81.36 -5.40 -1.05	86.87 -6.13 -1.54	84.56 -6.08 -1.18	91.61 -5.99 -0.98	90.50 -6.08 -1.62	111.16 -6.23 -2.09	92.22 -6.07 -1.98	84.96 -4.85 -1.62	86.68 -6.84 -1.07	79.02 -4.99 -0.87	77.83 -5.00 -0.81	82.75 -5.04 -2.36
BAYONEEC___CTG1 323682	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG10 323750	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG2 323683	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG3 323684	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG4 323685	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG5 323686	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG6 323687	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45

BAYONEEC___CTG7 323688	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG8 323689	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BAYONEEC___CTG9 323749	119.58 6.40 -31.14	109.48 6.30 -21.32	108.35 5.99 -21.39	102.88 7.08 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.15 11.07 -65.78	171.46 9.34 -65.82	154.88 8.73 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.75 8.37 -32.35	111.68 8.80 -17.45
BEACON___LESR 323632	125.35 4.67 -38.64	112.89 4.58 -26.45	112.05 4.53 -26.55	101.07 5.26 -0.06	105.03 5.57 0.00	153.20 5.12 -64.23	167.43 6.62 -38.06	178.12 7.79 -20.41	153.49 7.18 -13.21	137.98 6.92 -21.24	121.31 7.30 0.00	96.39 5.88 -4.15	95.61 5.74 -4.16	116.93 6.13 -19.34	99.98 5.73 -4.79	120.86 5.99 -18.25	135.76 5.22 -35.58	167.78 6.11 -46.37	156.97 5.10 -55.56	153.23 4.85 -60.19	141.49 4.80 -44.24	125.03 4.74 -37.16	129.08 5.09 -41.96	131.55 5.47 -40.65
BEAVER RIVER___HYD 24048	84.72 1.64 -1.05	84.05 1.48 -0.72	83.06 1.38 -0.72	96.99 1.24 0.00	101.05 1.59 0.00	84.78 0.92 0.00	123.49 0.74 0.00	151.57 1.65 0.00	133.76 0.67 0.00	109.60 -0.22 0.00	114.12 0.11 0.00	86.28 -0.09 0.00	85.54 -0.17 0.00	92.01 0.55 0.00	90.45 0.99 0.00	97.87 1.25 0.00	96.76 1.80 0.00	118.65 3.35 0.00	98.99 2.69 0.00	89.79 1.59 0.00	94.02 1.57 0.00	84.46 1.33 0.00	82.77 0.74 0.00	85.86 0.43 0.00
BEEBEE_GT_13 23619	83.56 -2.46 -3.99	81.73 -2.87 -2.73	80.64 -3.08 -2.74	90.58 -5.17 -0.01	94.39 -5.07 0.00	80.67 -3.19 0.00	117.59 -5.16 0.00	142.57 -7.35 0.00	126.44 -6.65 0.00	104.60 -5.38 -0.17	107.96 -6.04 0.00	83.80 -3.45 -0.90	83.18 -3.43 -0.90	88.93 -3.84 -1.31	86.53 -3.94 -1.01	93.60 -3.86 -0.84	92.45 -3.89 -1.39	113.05 -4.04 -1.78	94.14 -3.85 -1.70	86.49 -3.09 -1.38	88.93 -4.44 -0.92	80.48 -3.41 -0.75	79.19 -3.53 -0.69	83.58 -3.84 -2.00
BENSHRST_27_KV_BENSHRST_1 355998	120.73 7.55 -31.15	117.40 7.69 -27.84	116.26 7.37 -27.92	116.58 8.71 -12.13	116.67 9.05 -8.15	117.61 9.14 -24.62	144.86 11.29 -10.82	170.71 14.99 -5.80	219.46 12.74 -3.81	220.90 12.77 -96.91	199.84 10.19 -94.13	185.88 10.20 -103.28	166.83 10.88 -89.97	159.01 10.56 -64.48	238.07 11.40 -58.99	167.28 10.92 -130.05	294.23 13.03 -61.40	374.71 10.88 -165.89	319.89 10.23 -267.53	317.73 10.35 -221.46	225.57 9.64 -214.93	128.04 9.68 -132.79	120.06 10.08 -36.33	-24.54
BETHLEHEM___GRP 23843	124.07 3.36 -38.68	111.69 3.36 -26.48	110.86 3.32 -26.57	99.63 3.83 -0.06	103.44 3.98 0.00	149.73 3.69 -62.18	163.90 4.30 -36.85	174.48 4.80 -19.76	150.41 4.53 -12.79	134.99 4.72 -20.46	119.25 5.24 0.00	94.10 4.32 -3.42	93.42 4.29 -3.42	114.62 4.57 -18.59	97.45 4.03 -3.96	117.78 4.06 -17.10	131.71 3.23 -33.52	162.45 3.46 -43.69	152.04 3.08 -52.66	148.54 3.00 -57.34	137.53 2.87 -42.21	121.69 3.08 -35.48	125.80 3.61 -40.16	129.29 4.10 -39.76
BETHLEHEM___GS1 323560	124.07 3.36 -38.68	111.69 3.36 -26.48	110.86 3.32 -26.57	99.64 3.83 -0.06	103.54 4.08 0.00	149.64 3.60 -62.18	163.89 4.29 -36.85	174.62 4.94 -19.76	150.41 4.53 -12.79	134.99 4.72 -20.46	119.25 5.25 0.00	94.10 4.32 -3.42	93.42 4.28 -3.42	114.62 4.57 -18.59	97.45 4.03 -3.96	117.78 4.06 -17.10	131.71 3.23 -33.52	162.45 3.46 -43.69	152.04 3.08 -52.66	148.54 3.00 -57.34	137.53 2.87 -42.21	121.69 3.08 -35.48	125.80 3.61 -40.16	129.29 4.10 -39.76
BETHLEHEM___GS2 323561	124.07 3.36 -38.68	111.69 3.36 -26.48	110.86 3.32 -26.57	99.64 3.83 -0.06	103.54 4.08 0.00	149.64 3.60 -62.18	163.89 4.29 -36.85	174.62 4.94 -19.76	150.41 4.53 -12.79	134.99 4.72 -20.46	119.25 5.25 0.00	94.10 4.32 -3.42	93.42 4.28 -3.42	114.62 4.57 -18.59	97.45 4.03 -3.96	117.78 4.06 -17.10	131.71 3.23 -33.52	162.45 3.46 -43.69	152.04 3.08 -52.66	148.54 3.00 -57.34	137.53 2.87 -42.21	121.69 3.08 -35.48	125.80 3.61 -40.16	129.29 4.10 -39.76
BETHLEHEM___GS3 323562	124.07 3.36 -38.68	111.69 3.36 -26.48	110.86 3.32 -26.57	99.64 3.83 -0.06	103.54 4.08 0.00	149.64 3.60 -62.18	163.89 4.29 -36.85	174.62 4.94 -19.76	150.41 4.53 -12.79	134.99 4.72 -20.46	119.25 5.25 0.00	94.10 4.32 -3.42	93.42 4.28 -3.42	114.62 4.57 -18.59	97.45 4.03 -3.96	117.78 4.06 -17.10	131.71 3.23 -33.52	162.45 3.46 -43.69	152.04 3.08 -52.66	148.54 3.00 -57.34	137.53 2.87 -42.21	121.69 3.08 -35.48	125.80 3.61 -40.16	129.29 4.10 -39.76
BETHLEHEM___STEEL 23779	81.65 -5.74 -5.36	79.39 -6.14 -3.67	78.01 -6.64 -3.68	87.33 -8.43 -0.01	91.21 -8.26 0.00	81.04 -5.45 -2.64	115.35 -8.96 -1.56	135.31 -15.44 -0.84	119.93 -13.71 -0.54	99.90 -10.98 -1.07	102.15 -11.86 0.00	80.24 -7.34 -1.22	79.90 -7.03 -1.22	85.30 -7.96 -1.80	83.14 -7.69 -1.37	90.43 -7.92 -1.73	89.69 -8.36 -3.09	110.19 -9.11 -3.99	91.90 -8.67 -4.27	85.24 -7.06 -4.10	86.29 -9.06 -2.90	78.48 -7.07 -2.41	77.92 -6.64 -2.54	82.39 -5.81 -2.77
BETHLHEM_115KV_TB1 79974	124.04 3.36 -38.65	111.67 3.36 -26.46	110.84 3.32 -26.55	99.63 3.83 -0.06	103.44 3.98 0.00	146.10 3.61 -58.64	161.79 4.30 -34.75	173.35 4.80 -18.64	149.68 4.53 -12.06	133.65 4.61 -19.22	119.13 5.13 0.00	93.45 4.23 -2.86	92.69 4.11 -2.86	113.47 4.39 -17.62	96.72 3.94 -3.32	116.36 3.96 -15.78	129.22 3.23 -31.04	159.34 3.57 -40.46	148.44 3.18 -48.96	144.79 3.09 -53.50	134.74 2.87 -39.43	119.36 3.08 -33.15	123.15 3.53 -37.59	127.60 4.02 -38.16
BETHPAGE_CC_5 323564	139.40 8.20 -49.17	128.45 8.19 -38.40	126.96 7.94 -38.05	125.71 9.39 -20.58	126.27 9.75 -17.06	143.06 9.39 -49.82	163.85 13.01 -28.09	190.25 16.49 -23.84	162.19 15.17 -13.92	145.97 13.17 -22.98	139.44 12.88 -12.56	134.79 10.36 -38.07	134.06 10.20 -38.15	134.50 10.88 -32.16	143.22 10.55 -43.20	150.37 11.59 -42.16	173.95 11.10 -67.89	200.72 13.25 -72.16	187.43 11.07 -80.06	173.33 10.40 -74.73	161.02 10.54 -58.04	155.82 9.81 -62.87	137.74 9.92 -45.79	124.89 10.42 -29.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	81.72 -5.74 -5.43	79.36 -6.22 -3.72	77.98 -6.72 -3.73	87.61 -8.14 -0.01	91.51 -7.96 0.00	81.41 -5.12 -2.67	115.86 -8.47 -1.58	135.62 -15.14 -0.85	120.20 -13.44 -0.55	100.14 -10.76 -1.08	102.38 -11.63 0.00	80.43 -7.17 -1.24	80.09 -6.86 -1.24	85.51 -7.77 -1.83	83.34 -7.51 -1.39	90.65 -7.73 -1.76	89.92 -8.17 -3.13	110.48 -8.88 -4.05	92.16 -8.47 -4.33	85.47 -6.88 -4.16	86.42 -8.97 -2.94	78.68 -6.90 -2.44	78.04 -6.56 -2.57	82.69 -5.55 -2.81

BINGHAMTON___COGEN 23790	93.04 0.57 -10.43	89.41 0.41 -7.14	88.38 0.24 -7.17	95.95 0.19 -0.02	99.86 0.40 0.00	90.70 1.17 -5.68	127.59 1.47 -3.36	152.47 0.75 -1.80	134.66 0.40 -1.17	112.74 0.66 -2.26	114.23 0.23 0.00	89.57 0.78 -2.43	89.00 0.86 -2.43	96.02 0.82 -3.74	93.10 0.89 -2.74	101.33 1.16 -3.55	102.25 0.95 -6.34	124.90 1.38 -8.21	106.19 1.06 -8.83	97.86 1.15 -8.52	98.95 0.46 -6.04	88.99 0.83 -5.02	88.00 0.66 -5.31	92.33 1.03 -5.87
BIXINCNT_115KV_LOAD 355685	81.97 -5.82 -5.76	78.93 -6.88 -3.94	77.56 -7.37 -3.96	87.80 -7.95 -0.01	92.10 -7.36 0.00	81.92 -4.78 -2.85	116.83 -7.61 -1.69	135.08 -15.74 -0.90	119.97 -13.71 -0.59	99.88 -11.09 -1.15	102.38 -11.63 0.00	80.25 -7.43 -1.31	79.74 -7.29 -1.31	85.63 -7.77 -1.95	83.61 -7.34 -1.48	90.95 -7.54 -1.87	90.12 -8.17 -3.33	110.62 -8.99 -4.31	92.05 -8.86 -4.61	85.56 -7.06 -4.42	86.14 -9.43 -3.13	78.67 -7.07 -2.60	77.80 -6.97 -2.74	82.96 -5.47 -3.00
BLACK RIVER___HYD 24047	86.45 3.04 -1.39	85.59 2.78 -0.95	84.43 2.51 -0.95	98.14 2.39 0.00	102.44 2.98 0.00	86.46 2.60 0.00	126.68 3.93 0.00	155.76 5.84 0.00	137.08 3.99 0.00	112.23 2.41 0.00	116.63 2.62 0.00	88.18 1.82 0.00	87.52 1.80 0.00	94.20 2.74 0.00	92.68 3.22 0.00	100.39 3.76 0.00	99.52 4.56 0.00	121.99 6.69 0.00	101.69 5.39 0.00	92.34 4.15 0.00	96.51 4.06 0.00	86.55 3.41 0.00	84.58 2.55 0.00	87.48 2.05 0.00
BLACKRVR_115KV_TB2 79977	86.45 3.04 -1.39	85.59 2.78 -0.95	84.43 2.51 -0.95	98.14 2.39 0.00	102.55 3.08 0.00	86.54 2.68 0.00	126.68 3.93 0.00	155.76 5.85 0.00	137.09 3.99 0.00	112.23 2.42 0.00	116.63 2.62 0.00	88.18 1.81 0.00	87.51 1.80 0.00	94.20 2.74 0.00	92.68 3.22 0.00	100.39 3.77 0.00	99.52 4.56 0.00	121.99 6.69 0.00	101.69 5.39 0.00	92.34 4.15 0.00	96.52 4.07 0.00	86.54 3.41 0.00	84.57 2.54 0.00	87.48 2.05 0.00
BLISS_WT_PWR 323608	81.81 -5.98 -5.76	78.60 -7.20 -3.94	77.15 -7.77 -3.96	87.33 -8.43 -0.01	91.70 -7.76 0.00	81.58 -5.12 -2.85	116.33 -8.11 -1.69	134.18 -16.65 -0.90	119.44 -14.24 -0.59	99.44 -11.53 -1.15	101.81 -12.20 0.00	79.82 -7.86 -1.31	79.31 -7.71 -1.31	85.27 -8.14 -1.95	83.25 -7.69 -1.48	90.67 -7.82 -1.87	89.74 -8.55 -3.33	110.16 -9.45 -4.31	91.47 -9.43 -4.61	85.21 -7.41 -4.42	85.68 -9.89 -3.13	78.33 -7.40 -2.60	77.47 -7.30 -2.74	82.54 -5.89 -3.00
BLUESTONE___WT_PWR 323821	99.06 5.82 -11.20	95.10 5.57 -7.67	93.92 5.26 -7.70	101.60 5.84 -0.02	106.13 6.66 0.00	100.77 6.96 -9.96	139.33 10.67 -5.90	165.52 12.44 -3.17	145.39 10.25 -2.05	121.84 8.34 -3.68	121.98 7.98 0.00	95.75 6.65 -2.73	95.05 6.60 -2.73	103.80 7.32 -5.02	99.79 7.24 -3.09	109.72 8.31 -4.79	112.27 8.55 -8.76	137.39 10.73 -11.36	117.46 8.57 -12.59	108.63 7.85 -12.58	108.87 7.40 -9.02	97.48 6.82 -7.52	96.32 6.16 -8.14	100.37 6.41 -8.52
BLUE_CIRC_CHEM_DRP 24182	123.68 3.61 -38.04	111.50 3.60 -26.04	110.66 3.56 -26.13	100.01 4.21 -0.06	103.84 4.38 0.00	132.17 3.44 -44.88	153.64 4.30 -26.60	168.98 4.80 -14.26	146.58 4.26 -9.23	128.65 4.06 -14.77	118.34 4.33 0.00	92.47 3.63 -2.48	91.71 3.51 -2.48	110.03 3.84 -14.73	96.01 3.67 -2.87	112.84 3.86 -12.36	122.59 3.42 -24.21	150.79 3.92 -31.56	137.71 3.37 -38.03	132.87 3.26 -41.41	126.08 3.14 -30.49	112.00 3.24 -25.62	114.48 3.45 -29.00	120.88 3.67 -31.78
BOC_GAS_DRP 24189	123.63 3.12 -38.49	111.32 3.11 -26.34	110.40 3.00 -26.44	99.34 3.54 -0.06	103.14 3.68 0.00	125.79 3.02 -38.92	149.62 3.81 -23.06	166.63 4.35 -12.37	145.09 3.99 -8.00	126.18 3.95 -12.41	118.11 4.10 0.00	89.73 3.37 0.00	89.06 3.34 0.00	107.50 3.66 -12.38	92.94 3.40 -0.07	108.89 3.57 -8.70	115.69 3.13 -17.60	141.76 3.46 -23.00	128.12 2.99 -28.83	123.64 2.91 -32.53	119.50 2.87 -24.19	106.43 2.91 -20.39	108.53 3.04 -23.46	118.03 3.33 -29.26
BOONVILLE_115KV_TB1 79983	85.89 2.87 -0.99	85.24 2.70 -0.68	84.24 2.59 -0.68	98.42 2.68 0.00	102.55 3.08 0.00	86.54 2.68 0.00	126.43 3.68 0.00	154.56 4.65 0.00	136.69 3.59 0.00	112.45 2.64 0.00	116.74 2.74 0.00	88.52 2.16 0.00	87.77 2.06 0.00	94.11 2.65 0.00	92.24 2.77 0.00	99.91 3.29 0.00	98.47 3.51 0.00	120.15 4.84 0.00	100.25 3.95 0.00	91.37 3.18 0.00	95.50 3.05 0.00	85.80 2.66 0.00	84.24 2.21 0.00	87.57 2.14 0.00
BORALEX_4TH_BRANCH 23824	126.63 6.07 -38.53	114.29 6.06 -26.37	113.35 5.91 -26.47	102.70 6.89 -0.06	106.72 7.26 0.00	179.33 7.63 -87.85	184.87 10.07 -52.06	189.53 11.69 -27.92	161.81 10.65 -18.07	148.83 9.33 -29.68	123.47 9.46 0.00	102.99 7.60 -9.03	102.29 7.54 -9.03	125.87 8.05 -26.36	107.65 7.87 -10.31	133.13 8.41 -28.10	157.00 8.17 -53.88	194.99 9.57 -70.11	187.01 8.38 -82.33	183.66 8.03 -87.43	164.47 8.14 -63.89	144.28 7.57 -53.58	149.32 7.38 -59.91	144.56 7.86 -51.26
BOWLINE___1 23526	116.87 4.84 -30.01	107.15 4.75 -20.54	106.19 4.61 -20.61	101.24 5.45 -0.05	105.13 5.67 0.00	107.37 6.04 -17.48	140.97 7.86 -10.36	165.67 10.20 -5.55	146.14 9.45 -3.59	128.66 8.46 -10.38	122.44 8.44 0.00	119.12 6.82 -25.93	118.52 6.86 -25.94	119.18 7.22 -20.50	125.61 6.98 -29.16	132.49 7.63 -28.24	150.29 7.21 -48.12	185.91 8.53 -62.07	165.69 7.23 -62.16	149.86 6.88 -54.78	136.87 6.84 -37.58	120.53 6.49 -30.90	119.13 6.48 -30.62	108.95 6.75 -16.77
BOWLINE___2 23595	116.88 4.84 -30.01	107.23 4.83 -20.54	106.19 4.61 -20.61	101.34 5.55 -0.05	105.13 5.67 0.00	107.37 6.04 -17.48	140.97 7.86 -10.36	165.67 10.20 -5.56	146.14 9.45 -3.59	128.66 8.46 -10.38	122.44 8.44 0.00	119.21 6.91 -25.94	118.52 6.86 -25.95	119.28 7.32 -20.50	125.61 6.98 -29.17	132.49 7.63 -28.24	150.30 7.21 -48.13	186.04 8.65 -62.08	165.70 7.23 -62.17	149.87 6.88 -54.79	136.87 6.84 -37.58	120.53 6.49 -30.91	119.13 6.48 -30.62	109.04 6.84 -16.77
BRADY___115KV_TB2 356060	81.29 -0.74 0.00	81.29 -0.57 0.00	80.73 -0.24 0.00	95.55 -0.19 0.00	98.87 -0.60 0.00	82.93 -0.92 0.00	121.40 -1.35 0.00	149.02 -0.90 0.00	131.76 -1.33 0.00	107.62 -2.20 0.00	112.75 -1.25 0.00	84.81 -1.55 0.00	84.17 -1.54 0.00	89.72 -1.74 0.00	87.94 -1.52 0.00	94.50 -2.13 0.00	93.63 -1.33 0.00	113.81 -1.50 0.00	95.14 -1.16 0.00	86.61 -1.59 0.00	91.71 -0.74 0.00	82.30 -0.83 0.00	81.37 -0.66 0.00	84.83 -0.60 0.00
BRANSCOMB___SOLAR 323811	127.10 5.33 -39.74	114.38 5.32 -27.20	113.61 5.34 -27.30	101.94 6.13 -0.06	105.83 6.37 0.00	202.25 5.87 -112.53	197.79 8.35 -66.69	195.73 10.05 -35.76	165.29 9.05 -23.14	154.10 7.68 -36.60	121.53 7.52 0.00	96.25 5.95 -3.93	95.48 5.83 -3.94	126.44 6.31 -28.67	100.54 6.45 -4.63	132.50 7.05 -28.83	159.05 6.93 -57.16	198.28 8.41 -74.56	194.27 6.94 -91.03	195.14 6.62 -100.33	173.12 6.56 -74.11	151.47 5.99 -62.34	158.75 5.74 -70.98	154.28 5.89 -62.96
BRENTWOD_69_KV_W. BRTWOOD 56703	139.19 9.68 -47.48	130.03 9.58 -38.59	128.33 9.31 -38.05	128.45 11.01 -21.70	128.72 11.44 -17.82	148.08 11.15 -53.07	159.82 15.96 -21.11	183.60 19.94 -13.74	159.02 17.70 -8.23	141.10 15.04 -16.24	134.12 14.59 -5.52	130.38 11.83 -32.18	129.60 11.66 -32.23	130.16 12.44 -26.26	137.99 12.17 -36.36	145.95 13.62 -35.70	166.59 13.20 -58.43	200.05 16.14 -68.60	183.46 13.58 -73.58	168.99 12.70 -68.10	159.70 12.76 -54.49	149.67 11.47 -55.06	136.61 11.57 -43.02	126.35 12.05 -28.87

BRISTLHL_115KV_TB1 79998	82.63 -1.89 -2.48	81.60 -1.96 -1.70	80.65 -2.02 -1.71	93.07 -2.68 0.00	96.78 -2.69 0.00	82.01 -1.84 0.00	120.05 -2.70 0.00	146.47 -3.45 0.00	129.77 -3.33 0.00	107.29 -2.53 0.00	111.04 -2.96 0.00	84.46 -1.90 0.00	83.91 -1.80 0.00	89.54 -1.92 0.00	87.58 -1.88 0.00	94.69 -1.93 0.00	92.96 -1.99 0.00	113.11 -2.19 0.00	94.37 -1.93 0.00	86.52 -1.68 0.00	90.23 -2.22 0.00	81.31 -1.83 0.00	80.14 -1.89 0.00	83.30 -2.14 0.00
BROOKHAVEN___DRP 24191	138.91 9.60 -47.28	129.97 9.50 -38.61	128.48 9.47 -38.04	128.67 11.11 -21.82	128.90 11.54 -17.90	148.52 11.24 -53.43	159.38 16.33 -20.31	183.04 20.54 -12.59	157.57 16.90 -7.57	139.45 14.17 -15.46	132.29 13.57 -4.72	128.93 11.05 -31.51	128.15 10.89 -31.55	128.75 11.71 -25.58	136.50 11.45 -35.58	145.01 13.43 -34.96	165.79 13.48 -57.35	200.21 16.72 -68.19	183.10 13.96 -72.84	168.67 13.14 -67.33	159.66 13.13 -54.08	149.02 11.72 -54.16	136.37 11.65 -42.70	126.41 12.13 -28.85
BROOKLYN_NAVY_YARD 23515	119.49 6.32 -31.14	109.40 6.22 -21.32	108.35 5.99 -21.39	102.78 6.99 -0.05	106.82 7.36 0.00	109.58 7.46 -18.26	143.39 9.82 -10.82	168.92 13.20 -5.80	149.50 12.65 -3.76	131.96 11.21 -10.93	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.62	129.58 9.13 -30.99	136.42 9.86 -29.93	155.35 9.40 -50.99	192.26 11.18 -65.78	171.46 9.34 -65.82	154.97 8.82 -57.95	140.97 8.79 -39.73	124.04 8.23 -32.67	122.83 8.45 -32.35	111.76 8.88 -17.45
BROOKLYN___ARMY_DRP 323595	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
BROOKVLE_69_KV_TB1 55790	138.53 8.04 -48.47	124.82 7.94 -35.02	123.68 7.69 -35.02	120.07 9.10 -15.24	121.67 9.35 -12.86	132.66 9.39 -39.41	170.50 12.40 -35.36	201.23 15.74 -35.58	168.28 14.64 -20.54	153.49 12.85 -30.83	147.63 12.88 -20.74	141.55 10.28 -44.91	140.95 10.20 -45.04	141.27 10.79 -39.01	151.17 10.56 -51.15	157.56 11.40 -49.54	184.76 10.92 -78.88	204.63 13.03 -76.30	194.38 10.98 -87.11	180.00 10.23 -81.57	162.75 10.26 -60.04	161.78 9.56 -69.08	139.30 9.76 -47.50	122.91 10.25 -27.22
BROOME_2_LFGE 323671	93.04 0.58 -10.43	89.41 0.41 -7.14	88.38 0.24 -7.17	95.95 0.19 -0.02	99.86 0.40 0.00	90.70 1.17 -5.68	127.59 1.48 -3.36	152.32 0.60 -1.80	134.66 0.40 -1.17	112.74 0.66 -2.26	114.23 0.23 0.00	89.57 0.78 -2.43	89.00 0.86 -2.43	96.02 0.82 -3.74	93.10 0.89 -2.74	101.33 1.16 -3.55	102.25 0.95 -6.34	124.91 1.39 -8.21	106.19 1.06 -8.83	97.86 1.14 -8.52	98.95 0.46 -6.04	88.99 0.83 -5.02	88.00 0.65 -5.31	92.33 1.03 -5.87
BROOME___LFGE 323600	93.04 0.58 -10.43	89.41 0.41 -7.14	88.38 0.24 -7.17	95.95 0.19 -0.02	99.86 0.40 0.00	90.70 1.17 -5.68	127.59 1.48 -3.36	152.32 0.60 -1.80	134.66 0.40 -1.17	112.74 0.66 -2.26	114.23 0.23 0.00	89.57 0.78 -2.43	89.00 0.86 -2.43	96.02 0.82 -3.74	93.10 0.89 -2.74	101.33 1.16 -3.55	102.25 0.95 -6.34	124.91 1.39 -8.21	106.19 1.06 -8.83	97.86 1.14 -8.52	98.95 0.46 -6.04	88.99 0.83 -5.02	88.00 0.65 -5.31	92.33 1.03 -5.87
BROWNFLS_115KV_TB_3_5 80003	82.76 0.00 -0.73	82.28 -0.08 -0.50	81.55 0.08 -0.50	95.55 -0.19 0.00	99.16 -0.30 0.00	83.10 -0.75 0.00	120.66 -2.09 0.00	148.27 -1.65 0.00	130.97 -2.13 0.00	107.18 -2.64 0.00	112.29 -1.71 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	90.09 -1.37 0.00	88.39 -1.07 0.00	95.08 -1.55 0.00	94.01 -0.95 0.00	114.84 -0.46 0.00	95.92 -0.39 0.00	87.05 -1.15 0.00	91.71 -0.74 0.00	82.64 -0.50 0.00	81.46 -0.57 0.00	84.75 -0.68 0.00
BROWNSV1_27_KV_LOAD 356125	120.31 7.14 -31.14	110.22 7.04 -21.32	109.08 6.72 -21.39	103.64 7.85 -0.05	107.72 8.26 0.00	110.58 8.47 -18.26	144.62 11.05 -10.82	170.26 14.54 -5.80	150.56 13.71 -3.76	132.94 12.19 -10.93	126.20 12.20 0.00	123.76 9.85 -27.56	123.05 9.77 -27.57	123.51 10.43 -21.62	130.47 10.02 -30.99	137.47 10.92 -29.93	156.30 10.35 -50.99	193.53 12.45 -65.78	172.52 10.40 -65.82	155.85 9.70 -57.95	141.98 9.80 -39.73	124.95 9.14 -32.67	123.65 9.27 -32.35	112.53 9.65 -17.45
BURROWS___LYONSDAL 23803	85.66 2.62 -1.00	85.00 2.46 -0.69	84.00 2.35 -0.69	98.14 2.39 0.00	102.25 2.78 0.00	86.20 2.35 0.00	125.57 2.82 0.00	153.81 3.90 0.00	135.89 2.79 0.00	111.68 1.87 0.00	116.06 2.05 0.00	87.92 1.55 0.00	87.17 1.46 0.00	93.56 2.10 0.00	91.79 2.33 0.00	99.42 2.80 0.00	98.09 3.13 0.00	119.92 4.61 0.00	100.06 3.76 0.00	91.02 2.82 0.00	95.13 2.68 0.00	85.46 2.33 0.00	83.92 1.89 0.00	87.05 1.62 0.00
CAITHNESS_CC_1 323624	138.65 9.35 -47.28	129.72 9.25 -38.61	128.00 8.99 -38.04	128.38 10.82 -21.82	128.60 11.24 -17.90	147.94 10.65 -53.44	158.75 15.72 -20.29	182.41 19.94 -12.56	157.29 16.63 -7.56	139.32 14.06 -15.44	132.15 13.45 -4.70	128.82 10.97 -31.49	127.96 10.71 -31.53	128.55 11.52 -25.57	136.30 11.27 -35.56	144.60 13.04 -34.94	165.57 13.29 -57.32	199.63 16.14 -68.18	182.60 13.48 -72.82	168.12 12.61 -67.31	159.19 12.67 -54.07	148.66 11.39 -54.13	136.04 11.32 -42.69	126.07 11.79 -28.85
CALPINE BETH_PAGE_GT4 24209	140.18 8.20 -49.94	128.25 8.10 -38.29	126.85 7.85 -38.02	125.03 9.29 -20.00	125.77 9.65 -16.66	141.60 9.56 -48.18	167.18 13.01 -31.42	194.93 16.34 -28.67	164.78 15.04 -16.65	149.21 13.18 -26.21	142.82 12.88 -15.93	137.61 10.36 -40.88	136.90 10.20 -40.99	137.32 10.88 -34.98	146.58 10.65 -46.47	153.46 11.59 -45.24	178.39 11.02 -72.41	202.43 13.26 -73.86	190.52 11.07 -83.15	176.50 10.41 -77.89	162.70 10.54 -59.71	159.53 9.81 -66.58	139.05 9.93 -47.10	124.95 10.42 -29.09
CALPINE_BETH_PAGE_GT_4 323586	140.17 8.20 -49.94	128.25 8.11 -38.29	126.84 7.85 -38.02	125.03 9.28 -20.00	125.77 9.65 -16.66	141.43 9.39 -48.18	167.06 12.89 -31.42	195.08 16.49 -28.67	164.91 15.17 -16.65	149.20 13.17 -26.21	142.81 12.88 -15.93	137.60 10.36 -40.88	136.90 10.20 -40.99	137.32 10.88 -34.98	146.49 10.55 -46.47	153.45 11.59 -45.24	178.48 11.10 -72.41	202.42 13.25 -73.86	190.52 11.07 -83.15	176.49 10.40 -77.89	162.69 10.54 -59.71	159.52 9.81 -66.58	139.05 9.92 -47.10	124.94 10.42 -29.09
CALPINE_BP_GT1 23823	140.17 8.20 -49.94	128.25 8.11 -38.29	126.84 7.85 -38.02	125.03 9.28 -20.00	125.77 9.65 -16.66	141.43 9.39 -48.18	167.06 12.89 -31.42	195.08 16.49 -28.67	164.91 15.17 -16.65	149.20 13.17 -26.21	142.81 12.88 -15.93	137.60 10.36 -40.88	136.90 10.20 -40.99	137.32 10.88 -34.98	146.49 10.55 -46.47	153.45 11.59 -45.24	178.48 11.10 -72.41	202.42 13.25 -73.86	190.52 11.07 -83.15	176.49 10.40 -77.89	162.69 10.54 -59.71	159.52 9.81 -66.58	139.05 9.92 -47.10	124.94 10.42 -29.09
CALSPAN___DRP 24200	81.65 -5.74 -5.36	79.39 -6.14 -3.67	78.01 -6.64 -3.68	87.33 -8.43 -0.01	91.21 -8.26 0.00	81.04 -5.45 -2.64	115.35 -8.96 -1.56	135.31 -15.44 -0.84	119.93 -13.71 -0.54	99.90 -10.98 -1.07	102.15 -11.86 0.00	80.24 -7.34 -1.22	79.90 -7.03 -1.22	85.30 -7.96 -1.80	83.14 -7.69 -1.37	90.43 -7.92 -1.73	89.69 -8.36 -3.09	110.19 -9.11 -3.99	91.90 -8.67 -4.27	85.24 -7.06 -4.10	86.29 -9.06 -2.90	78.48 -7.07 -2.41	77.92 -6.64 -2.54	82.39 -5.81 -2.77

CALVERTON___SOLAR 323806	139.23 9.92 -47.28	130.21 9.74 -38.61	128.56 9.55 -38.04	129.05 11.48 -21.82	129.29 11.93 -17.90	148.60 11.32 -53.43	159.88 16.82 -20.31	183.79 21.28 -12.60	157.97 17.29 -7.58	139.78 14.49 -15.47	132.52 13.79 -4.73	129.10 11.22 -31.51	128.24 10.97 -31.55	128.93 11.88 -25.59	136.68 11.63 -35.59	145.31 13.71 -34.97	166.56 14.24 -57.36	200.91 17.41 -68.19	183.69 14.54 -72.85	169.11 13.58 -67.34	160.13 13.59 -54.09	149.35 12.05 -54.17	136.70 11.98 -42.70	126.75 12.47 -28.85
CANDIGU_WT_PWR 323617	87.09 -2.21 -7.27	84.30 -2.54 -4.98	83.05 -2.91 -4.99	91.92 -3.83 -0.01	95.68 -3.78 0.00	85.88 -1.60 -3.62	121.83 -3.06 -2.14	144.47 -6.59 -1.15	127.59 -6.25 -0.74	106.45 -4.83 -1.46	108.31 -5.70 0.00	85.01 -3.03 -1.67	84.56 -2.83 -1.67	90.84 -3.11 -2.49	88.48 -2.87 -1.88	96.39 -2.60 -2.37	96.43 -2.76 -4.23	117.90 -2.88 -5.48	99.36 -2.80 -5.86	91.70 -2.12 -5.62	93.10 -3.32 -3.98	84.20 -2.24 -3.30	83.30 -2.21 -3.48	87.57 -1.71 -3.85
CARR STREET_E_SYR 24060	84.17 -0.98 -3.12	82.85 -1.15 -2.14	81.90 -1.21 -2.14	93.93 -1.82 0.00	97.67 -1.79 0.00	83.02 -0.84 0.00	121.40 -1.35 0.00	147.96 -1.95 0.00	131.23 -1.86 0.00	108.74 -1.21 -0.13	112.41 -1.60 0.00	86.19 -0.86 -0.69	85.63 -0.77 -0.69	90.99 -0.82 -0.36	89.43 -0.81 -0.77	96.49 -0.78 -0.65	95.08 -0.95 -1.07	115.75 -0.93 -1.37	96.74 -0.87 -1.30	88.65 -0.61 -1.06	91.95 -1.20 -0.71	82.80 -0.91 -0.58	81.58 -0.98 -0.53	84.32 -1.11 0.00
CARTHAGE___PAPER 23857	85.34 2.05 -1.25	84.60 1.88 -0.86	83.53 1.70 -0.86	97.27 1.53 0.00	101.45 1.99 0.00	85.36 1.51 0.00	124.71 1.96 0.00	153.37 3.45 0.00	135.09 2.00 0.00	110.59 0.77 0.00	115.14 1.14 0.00	86.88 0.52 0.00	86.23 0.52 0.00	92.83 1.37 0.00	91.25 1.79 0.00	98.74 2.12 0.00	97.81 2.85 0.00	120.03 4.73 0.00	100.05 3.75 0.00	90.76 2.56 0.00	95.03 2.58 0.00	85.21 2.08 0.00	83.42 1.39 0.00	86.37 0.94 0.00
CASSADAGA_WT_PWR 323784	82.64 -5.01 -5.61	80.22 -5.48 -3.84	78.75 -6.07 -3.86	88.19 -7.57 -0.01	92.10 -7.36 0.00	82.26 -4.36 -2.77	117.40 -6.99 -1.64	137.90 -12.89 -0.88	122.22 -11.45 -0.57	102.15 -8.79 -1.12	104.54 -9.46 0.00	82.29 -5.35 -1.28	81.94 -5.06 -1.28	87.59 -5.76 -1.89	85.63 -5.28 -1.44	93.03 -5.41 -1.82	92.40 -5.80 -3.24	113.62 -5.88 -4.19	94.72 -6.06 -4.48	87.82 -4.68 -4.30	88.75 -6.74 -3.04	80.68 -4.99 -2.53	79.85 -4.84 -2.66	84.42 -3.93 -2.91
CE_DUNWOOD___DRP 24194	119.10 5.99 -31.09	109.03 5.89 -21.28	108.07 5.75 -21.35	102.49 6.70 -0.05	106.42 6.96 0.00	109.37 7.30 -18.22	143.12 9.57 -10.80	168.00 12.29 -5.79	148.42 11.58 -3.75	130.94 10.21 -10.91	124.26 10.26 0.00	122.13 8.29 -27.47	121.43 8.23 -27.48	121.71 8.69 -21.57	128.86 8.50 -30.89	135.65 9.18 -29.85	154.54 8.74 -50.84	191.38 10.49 -65.59	170.70 8.76 -65.64	154.19 8.20 -57.79	140.30 8.23 -39.62	123.45 7.73 -32.58	122.00 7.71 -32.26	110.96 8.12 -17.41
CE_MILLWOOD___DRP 24193	118.85 5.82 -31.00	108.81 5.73 -21.22	107.77 5.51 -21.29	102.30 6.51 -0.05	106.23 6.76 0.00	109.11 7.13 -18.13	142.70 9.21 -10.75	167.52 11.84 -5.76	148.00 11.18 -3.73	130.55 9.88 -10.85	123.81 9.80 0.00	121.61 7.95 -27.30	120.91 7.89 -27.31	121.32 8.41 -21.44	128.30 8.14 -30.70	135.17 8.89 -29.66	153.94 8.45 -50.53	190.52 10.03 -65.19	170.02 8.47 -65.24	153.58 7.94 -57.45	139.79 7.95 -39.39	123.01 7.48 -32.39	121.57 7.46 -32.07	110.55 7.77 -17.34
CE_NYC2_DRP 24202	120.16 6.97 -31.15	110.06 6.88 -21.33	109.01 6.64 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.88 10.31 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.08 9.41 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.08 9.66 -34.96	136.99 10.44 -29.94	157.40 9.97 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.42 9.26 -57.96	141.52 9.34 -39.74	124.63 8.81 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
CE_NYC_DRP 24195	119.74 6.56 -31.14	109.56 6.39 -21.32	108.52 6.15 -21.39	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.64 10.07 -10.82	169.06 13.34 -5.80	149.63 12.78 -3.76	132.06 11.31 -10.93	125.40 11.40 0.00	123.07 9.15 -27.56	122.37 9.09 -27.57	122.78 9.69 -21.62	129.84 9.39 -30.99	136.70 10.15 -29.93	155.54 9.59 -50.99	192.49 11.42 -65.77	171.66 9.53 -65.82	155.05 8.91 -57.95	141.15 8.97 -39.73	124.29 8.48 -32.67	122.91 8.53 -32.35	111.85 8.97 -17.45
CHAFFEE___LFGE 323603	81.93 -5.66 -5.56	79.61 -6.06 -3.81	78.23 -6.56 -3.82	87.61 -8.14 -0.01	91.50 -7.96 0.00	81.48 -5.12 -2.74	115.91 -8.47 -1.62	135.80 -14.99 -0.87	120.35 -13.31 -0.56	100.38 -10.54 -1.11	102.49 -11.51 0.00	80.64 -6.99 -1.27	80.21 -6.77 -1.27	85.65 -7.68 -1.87	83.47 -7.42 -1.43	90.79 -7.64 -1.80	90.09 -8.07 -3.21	110.69 -8.77 -4.15	92.46 -8.28 -4.44	85.75 -6.71 -4.26	86.68 -8.78 -3.01	78.82 -6.82 -2.50	78.19 -6.48 -2.64	82.76 -5.55 -2.88
CHATEAUG_35_KV_LOAD 355732	80.72 -1.31 0.00	80.72 -1.15 0.00	80.08 -0.89 0.00	95.07 -0.67 0.00	98.37 -1.09 0.00	82.51 -1.34 0.00	121.03 -1.72 0.00	147.97 -1.95 0.00	130.97 -2.13 0.00	107.62 -2.20 0.00	112.52 -1.48 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	89.45 -2.01 0.00	87.58 -1.88 0.00	94.50 -2.13 0.00	93.72 -1.23 0.00	113.69 -1.61 0.00	95.24 -1.06 0.00	86.70 -1.50 0.00	91.71 -0.74 0.00	82.05 -1.08 0.00	80.80 -1.23 0.00	84.49 -0.94 0.00
CHATEAUG_WT_PWR 323614	80.71 -1.32 0.00	80.71 -1.15 0.00	80.16 -0.81 0.00	95.08 -0.67 0.00	98.47 -0.99 0.00	82.60 -1.26 0.00	120.91 -1.84 0.00	147.67 -2.24 0.00	130.70 -2.39 0.00	107.30 -2.52 0.00	112.52 -1.49 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	89.45 -2.01 0.00	87.49 -1.97 0.00	94.50 -2.13 0.00	93.63 -1.33 0.00	113.58 -1.73 0.00	95.15 -1.15 0.00	86.61 -1.58 0.00	91.52 -0.92 0.00	81.89 -1.24 0.00	80.64 -1.39 0.00	84.49 -0.94 0.00
CHAT_HIGH_FALL_HYD 323578	80.72 -1.31 0.00	80.72 -1.15 0.00	80.08 -0.89 0.00	95.07 -0.67 0.00	98.37 -1.09 0.00	82.51 -1.34 0.00	121.03 -1.72 0.00	147.97 -1.95 0.00	130.97 -2.13 0.00	107.62 -2.20 0.00	112.52 -1.48 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	89.45 -2.01 0.00	87.58 -1.88 0.00	94.50 -2.13 0.00	93.72 -1.23 0.00	113.69 -1.61 0.00	95.24 -1.06 0.00	86.70 -1.50 0.00	91.71 -0.74 0.00	82.05 -1.08 0.00	80.80 -1.23 0.00	84.49 -0.94 0.00
CHAUTAUQUA___LFGE 323629	82.33 -5.17 -5.46	79.95 -5.65 -3.74	78.49 -6.23 -3.75	87.61 -8.14 -0.01	91.50 -7.96 0.00	81.60 -4.95 -2.69	116.24 -8.11 -1.59	136.67 -14.10 -0.86	121.13 -12.52 -0.55	101.13 -9.77 -1.09	103.40 -10.60 0.00	81.39 -6.22 -1.24	81.04 -5.91 -1.24	86.53 -6.77 -1.84	84.52 -6.35 -1.40	91.82 -6.57 -1.77	91.18 -6.93 -3.15	112.12 -7.26 -4.08	93.53 -7.13 -4.36	86.73 -5.65 -4.18	87.64 -7.77 -2.96	79.69 -5.90 -2.46	79.04 -5.58 -2.59	83.39 -4.87 -2.83
CHERRYST_13_KV_LD 356241	119.90 6.73 -31.14	109.81 6.63 -21.32	108.76 6.40 -21.39	103.26 7.47 -0.05	107.32 7.86 0.00	110.25 8.13 -18.26	144.00 10.43 -10.82	169.66 13.94 -5.80	150.03 13.18 -3.76	132.50 11.75 -10.93	125.86 11.86 0.00	123.42 9.50 -27.56	122.71 9.43 -27.57	123.14 10.06 -21.62	130.20 9.75 -30.99	137.09 10.53 -29.93	155.92 9.97 -50.99	192.96 11.88 -65.77	171.94 9.82 -65.82	155.41 9.26 -57.95	141.43 9.24 -39.73	124.54 8.73 -32.67	123.15 8.78 -32.35	112.11 9.23 -17.45

CHESTROR_138KV_BK263 355645	115.46 4.68 -28.76	106.21 4.67 -19.69	105.18 4.45 -19.76	101.15 5.36 -0.04	104.93 5.47 0.00	106.37 5.87 -16.64	140.22 7.61 -9.86	164.80 9.59 -5.29	145.43 8.92 -3.42	127.51 7.91 -9.78	121.76 7.75 0.00	116.79 6.30 -24.12	116.10 6.26 -24.13	117.39 6.68 -19.25	123.12 6.53 -27.13	130.12 7.15 -26.35	146.73 6.84 -44.94	181.47 8.19 -57.97	161.25 6.84 -58.11	145.92 6.44 -51.29	134.02 6.38 -35.20	118.15 6.07 -28.95	116.82 6.07 -28.72	107.79 6.32 -16.04
CH_MIDHUDSON___DRP 24192	119.87 6.32 -31.53	109.66 6.22 -21.58	108.62 5.99 -21.66	102.78 6.99 -0.05	106.72 7.26 0.00	111.03 7.71 -19.46	144.59 10.31 -11.53	169.00 12.89 -6.19	148.81 11.71 -4.00	131.16 10.10 -11.24	124.04 10.03 0.00	121.46 7.95 -27.16	120.77 7.89 -27.17	121.57 8.41 -21.69	128.23 8.23 -30.54	135.43 8.99 -29.83	154.61 8.74 -50.92	191.49 10.49 -65.69	171.02 8.76 -65.95	154.72 8.20 -58.33	140.74 8.23 -40.06	123.83 7.73 -32.96	122.49 7.71 -32.75	111.57 8.03 -18.11
CH_MISC_IPPS 23765	119.55 6.56 -30.95	109.51 6.47 -21.19	108.46 6.24 -21.26	103.16 7.37 -0.05	107.02 7.56 0.00	110.64 7.88 -18.90	144.76 10.80 -11.20	169.42 13.50 -6.01	149.09 12.11 -3.89	131.19 10.44 -10.94	124.27 10.26 0.00	120.93 8.12 -26.46	120.23 8.05 -26.47	121.12 8.51 -21.16	127.62 8.41 -29.75	134.85 9.18 -29.05	153.66 9.12 -49.58	190.23 10.96 -63.97	169.67 9.15 -64.21	153.53 8.55 -56.78	140.04 8.60 -39.00	123.20 7.98 -32.08	121.86 7.95 -31.88	111.32 8.20 -17.69
CH_RES_BVR_FALLS 23983	80.71 -1.32 0.00	80.55 -1.31 0.00	79.76 -1.21 0.00	94.40 -1.34 0.00	97.87 -1.60 0.00	82.09 -1.76 0.00	120.41 -2.34 0.00	147.22 -2.69 0.00	130.56 -2.53 0.00	107.40 -2.42 0.00	111.96 -2.05 0.00	84.55 -1.82 0.00	84.00 -1.71 0.00	89.63 -1.83 0.00	87.76 -1.70 0.00	94.69 -1.93 0.00	93.34 -1.61 0.00	113.34 -1.96 0.00	94.66 -1.64 0.00	86.43 -1.76 0.00	91.06 -1.38 0.00	81.64 -1.49 0.00	80.47 -1.56 0.00	83.90 -1.54 0.00
CH_RES_NIAGARA 23895	79.52 -7.46 -4.95	77.48 -7.78 -3.39	76.19 -8.18 -3.40	84.36 -11.39 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.49 -13.26 0.00	130.13 -19.79 0.00	115.39 -17.70 0.00	95.75 -14.28 -0.21	98.73 -15.28 0.00	77.55 -9.93 -1.12	77.32 -9.51 -1.12	82.14 -10.98 -1.66	80.08 -10.65 -1.26	86.66 -11.01 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
CH_RES_SYRACUSE 23985	85.53 -0.08 -3.58	84.15 -0.16 -2.45	83.11 -0.32 -2.46	95.08 -0.67 -0.01	98.87 -0.59 0.00	84.02 0.17 0.00	122.87 0.12 0.00	149.77 -0.15 0.00	132.83 -0.27 0.00	109.96 0.00 -0.15	113.66 -0.34 0.00	87.33 0.17 -0.80	86.68 0.17 -0.80	92.15 0.28 -0.41	90.63 0.27 -0.90	97.76 0.39 -0.75	96.48 0.29 -1.24	117.48 0.58 -1.59	98.20 0.39 -1.51	89.96 0.53 -1.23	93.17 -0.09 -0.82	83.97 0.17 -0.67	82.65 0.00 -0.62	85.35 -0.09 0.00
CLINTON_WT_PWR 323605	80.71 -1.32 0.00	80.71 -1.15 0.00	80.16 -0.81 0.00	95.08 -0.67 0.00	98.47 -0.99 0.00	82.60 -1.26 0.00	120.91 -1.84 0.00	147.67 -2.24 0.00	130.70 -2.39 0.00	107.30 -2.52 0.00	112.52 -1.49 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	89.45 -2.01 0.00	87.49 -1.97 0.00	94.50 -2.13 0.00	93.63 -1.33 0.00	113.58 -1.73 0.00	95.15 -1.15 0.00	86.61 -1.58 0.00	91.52 -0.92 0.00	81.89 -1.24 0.00	80.64 -1.39 0.00	84.49 -0.94 0.00
CLINTON___LFGE 323618	82.03 0.00 0.00	81.94 0.08 0.00	81.37 0.41 0.00	96.42 0.67 0.00	99.86 0.40 0.00	83.94 0.08 0.00	122.38 -0.37 0.00	149.17 -0.75 0.00	131.89 -1.20 0.00	108.17 -1.64 0.00	113.78 -0.23 0.00	85.76 -0.60 0.00	85.02 -0.69 0.00	90.37 -1.09 0.00	88.57 -0.89 0.00	95.66 -0.97 0.00	94.96 0.00 0.00	115.19 -0.12 0.00	96.49 0.19 0.00	87.84 -0.35 0.00	92.82 0.37 0.00	83.22 0.08 0.00	81.78 -0.25 0.00	85.86 0.43 0.00
COBBLENY_34_KV_TB1 80064	81.93 -5.66 -5.56	79.61 -6.06 -3.81	78.23 -6.56 -3.82	87.61 -8.14 -0.01	91.51 -7.96 0.00	81.48 -5.12 -2.74	115.90 -8.47 -1.62	135.95 -14.84 -0.87	120.35 -13.31 -0.56	100.27 -10.65 -1.11	102.49 -11.51 0.00	80.63 -7.00 -1.27	80.21 -6.77 -1.27	85.65 -7.68 -1.87	83.47 -7.43 -1.43	90.79 -7.63 -1.80	90.19 -7.98 -3.21	110.69 -8.76 -4.15	92.46 -8.28 -4.44	85.66 -6.79 -4.26	86.68 -8.78 -3.01	78.82 -6.82 -2.50	78.19 -6.48 -2.64	82.76 -5.55 -2.88
COFFEEN___115KV_TB3 355620	88.09 4.68 -1.39	87.15 4.34 -0.95	85.97 4.05 -0.95	99.77 4.02 0.00	104.44 4.97 0.00	88.38 4.53 0.00	129.50 6.75 0.00	159.36 9.44 0.00	139.88 6.79 0.00	114.21 4.39 0.00	118.68 4.67 0.00	89.64 3.28 0.00	88.88 3.17 0.00	95.94 4.48 0.00	94.38 4.92 0.00	102.42 5.80 0.00	101.89 6.93 0.00	125.11 9.80 0.00	104.20 7.90 0.00	94.55 6.35 0.00	98.73 6.29 0.00	88.46 5.32 0.00	86.21 4.18 0.00	89.10 3.67 0.00
COLDSPRG_115KV_BK1 355956	83.69 -4.18 -5.85	81.20 -4.67 -4.00	79.72 -5.26 -4.02	90.29 -5.46 -0.01	94.39 -5.07 0.00	84.23 -2.52 -2.89	120.17 -4.30 -1.71	140.49 -10.34 -0.92	124.51 -9.18 -0.59	103.85 -7.14 -1.17	106.25 -7.75 0.00	83.55 -4.15 -1.33	83.11 -3.94 -1.33	88.77 -4.66 -1.98	86.67 -4.29 -1.50	94.07 -4.44 -1.90	93.59 -4.75 -3.38	114.95 -4.73 -4.38	95.97 -5.01 -4.68	88.81 -3.88 -4.49	89.80 -5.82 -3.18	81.53 -4.24 -2.64	80.71 -4.10 -2.78	85.91 -2.56 -3.05
COLONIE_LFGE___ 323577	126.01 4.76 -39.22	113.37 4.66 -26.85	112.52 4.61 -26.94	101.16 5.36 -0.06	105.03 5.57 0.00	188.51 5.53 -99.13	188.98 7.49 -58.74	190.11 8.69 -31.50	161.33 7.85 -20.39	149.55 7.13 -32.60	121.19 7.19 0.00	97.54 5.79 -5.39	96.85 5.74 -5.39	124.36 6.13 -26.77	101.79 6.09 -6.24	130.20 6.38 -27.20	154.37 6.08 -53.33	191.97 7.15 -69.52	186.29 6.17 -83.82	185.33 5.82 -91.32	165.60 5.92 -67.23	145.12 5.49 -56.50	151.51 5.50 -63.98	147.85 5.72 -56.70
COOPERNY_115KV_TB1 80082	109.07 3.53 -23.51	101.39 3.44 -16.09	100.44 3.32 -16.15	99.61 3.83 -0.04	103.44 3.98 0.00	101.20 4.36 -12.98	136.09 5.65 -7.69	161.09 7.05 -4.13	142.29 6.52 -2.67	122.87 5.82 -7.23	119.70 5.70 0.00	107.68 4.66 -16.66	107.01 4.63 -16.67	110.46 4.94 -14.06	113.03 4.83 -18.74	120.47 5.31 -18.53	131.70 5.03 -31.71	162.22 6.00 -40.92	142.64 5.10 -41.24	129.62 4.76 -36.66	122.40 4.71 -25.23	108.40 4.49 -20.77	107.19 4.43 -20.73	103.02 4.70 -12.89
COPENHAGEN_WT_PWR 323753	86.00 2.46 -1.52	85.11 2.21 -1.04	84.03 2.03 -1.04	97.56 1.81 0.00	101.85 2.38 0.00	85.95 2.10 0.00	125.82 3.07 0.00	154.71 4.80 0.00	136.16 3.06 0.00	111.57 1.75 0.00	115.94 1.94 0.00	87.74 1.38 0.00	87.00 1.29 0.00	93.65 2.19 0.00	92.06 2.60 0.00	99.62 3.00 0.00	98.66 3.70 0.00	120.84 5.53 0.00	100.83 4.53 0.00	91.63 3.44 0.00	95.68 3.23 0.00	85.88 2.74 0.00	84.00 1.97 0.00	86.97 1.54 0.00
CORNELL_____ 23752	91.44 2.13 -7.28	88.81 1.96 -4.98	87.75 1.78 -5.00	97.57 1.82 -0.01	101.65 2.19 0.00	90.80 2.85 -4.09	129.35 4.17 -2.43	155.86 4.65 -1.30	137.53 3.59 -0.84	114.40 2.97 -1.62	116.40 2.39 0.00	90.47 2.42 -1.69	89.89 2.49 -1.69	96.73 2.65 -2.61	94.05 2.68 -1.90	102.40 3.29 -2.50	102.76 3.32 -4.47	125.48 4.38 -5.79	106.11 3.56 -6.24	97.59 3.35 -6.04	99.51 2.77 -4.29	89.44 2.74 -3.56	88.19 2.38 -3.78	92.11 2.56 -4.12

CORONA V_69_KV_TB1 355595	164.82 8.45 -74.34	136.61 8.35 -46.40	136.14 8.10 -47.07	129.45 9.48 -24.23	130.53 9.85 -21.22	138.87 9.81 -45.21	230.44 13.38 -94.32	281.72 16.79 -115.01	213.89 15.44 -65.35	207.24 13.51 -83.92	203.44 13.34 -76.10	188.17 10.62 -91.19	187.99 10.63 -91.65	188.22 11.34 -85.41	205.39 11.00 -104.92	209.49 11.98 -100.89	259.61 11.40 -153.25	233.34 13.72 -104.32	248.00 11.46 -140.24	236.94 10.85 -137.89	201.42 11.00 -97.97	237.55 10.23 -144.19	168.63 10.17 -76.43	134.11 10.68 -38.00
CORTLAND_115KV_TB3 80093	89.41 1.39 -5.99	87.19 1.23 -4.10	86.13 1.05 -4.11	96.80 1.05 -0.01	100.76 1.29 0.00	88.83 1.93 -3.04	127.25 2.70 -1.80	153.58 2.70 -0.97	135.85 2.13 -0.63	112.91 1.87 -1.22	115.49 1.48 0.00	89.37 1.64 -1.37	88.71 1.63 -1.37	95.34 1.83 -2.05	92.80 1.79 -1.54	100.81 2.22 -1.96	100.55 2.09 -3.50	122.61 2.77 -4.54	103.47 2.31 -4.86	95.07 2.20 -4.67	97.42 1.66 -3.31	87.63 1.75 -2.75	86.41 1.48 -2.90	90.23 1.62 -3.17
COXSACKIE__GT 23611	125.35 6.64 -36.68	113.35 6.39 -25.10	112.40 6.24 -25.19	104.51 8.71 -0.06	108.31 8.85 0.00	136.46 7.38 -45.23	159.62 10.07 -26.80	176.13 11.84 -14.37	151.98 9.59 -9.30	133.17 7.57 -15.78	122.10 8.10 0.00	100.35 6.65 -7.34	99.74 6.69 -7.34	115.51 6.95 -17.11	104.77 6.98 -8.33	121.53 7.92 -16.99	135.11 8.26 -31.89	167.01 10.26 -41.44	152.17 8.37 -47.49	144.90 7.49 -49.21	135.72 7.58 -35.69	120.15 7.15 -29.87	122.38 7.39 -32.96	123.39 6.49 -31.47
CPV_VALLEY__CC1 323721	112.83 3.94 -26.86	104.18 3.93 -18.39	103.23 3.81 -18.45	100.29 4.50 -0.04	104.04 4.58 0.00	104.04 4.95 -15.24	138.16 6.38 -9.03	163.00 8.24 -4.84	143.81 7.58 -3.13	125.48 6.81 -8.85	120.73 6.72 0.00	113.42 5.53 -21.52	112.73 5.49 -21.53	114.73 5.86 -17.41	119.31 5.64 -24.20	126.41 6.19 -23.60	141.12 5.89 -40.27	174.29 7.03 -51.95	154.31 5.88 -52.14	139.84 5.56 -46.08	129.64 5.55 -31.64	114.41 5.24 -26.03	113.14 5.25 -25.86	105.77 5.47 -14.86
CPV_VALLEY__CC2 323722	112.83 3.94 -26.86	104.18 3.93 -18.39	103.23 3.81 -18.45	100.29 4.50 -0.04	104.04 4.58 0.00	104.04 4.95 -15.24	138.16 6.38 -9.03	163.00 8.24 -4.84	143.81 7.58 -3.13	125.48 6.81 -8.85	120.73 6.72 0.00	113.42 5.53 -21.52	112.73 5.49 -21.53	114.73 5.86 -17.41	119.31 5.64 -24.20	126.41 6.19 -23.60	141.12 5.89 -40.27	174.29 7.03 -51.95	154.31 5.88 -52.14	139.84 5.56 -46.08	129.64 5.55 -31.64	114.41 5.24 -26.03	113.14 5.25 -25.86	105.77 5.47 -14.86
CRESCENT__HYD 24018	126.01 4.76 -39.22	113.37 4.66 -26.85	112.52 4.61 -26.94	101.16 5.36 -0.06	105.03 5.57 0.00	188.51 5.53 -99.13	188.98 7.49 -58.74	190.11 8.69 -31.50	161.33 7.85 -20.39	149.55 7.13 -32.60	121.19 7.19 0.00	97.54 5.79 -5.39	96.85 5.74 -5.39	124.36 6.13 -26.77	101.79 6.09 -6.24	130.20 6.38 -27.20	154.37 6.08 -53.33	191.97 7.15 -69.52	186.29 6.17 -83.82	185.33 5.82 -91.32	165.60 5.92 -67.23	145.12 5.49 -56.50	151.51 5.50 -63.98	147.85 5.72 -56.70
CRICKET__VALLEY_CC1 323756	120.49 5.58 -32.88	109.94 5.57 -22.51	108.90 5.34 -22.59	102.11 6.32 -0.05	106.03 6.56 0.00	112.07 6.79 -21.42	144.29 8.84 -12.70	167.66 10.94 -6.81	147.75 10.25 -4.41	131.13 9.11 -12.20	123.13 9.12 0.00	122.64 7.34 -28.94	122.04 7.37 -28.96	122.48 7.87 -23.15	129.71 7.69 -32.55	136.77 8.21 -31.94	157.31 7.79 -54.57	194.82 9.11 -70.41	174.92 7.80 -70.82	158.41 7.41 -62.80	143.11 7.48 -43.18	125.73 7.06 -35.53	124.47 7.06 -35.39	112.22 7.43 -19.36
CRICKET__VALLEY_CC2 323757	120.49 5.58 -32.88	109.94 5.57 -22.51	108.90 5.34 -22.59	102.11 6.32 -0.05	106.03 6.56 0.00	112.07 6.79 -21.42	144.29 8.84 -12.70	167.66 10.94 -6.81	147.75 10.25 -4.41	131.13 9.11 -12.20	123.13 9.12 0.00	122.64 7.34 -28.94	122.04 7.37 -28.96	122.48 7.87 -23.15	129.71 7.69 -32.55	136.77 8.21 -31.94	157.31 7.79 -54.57	194.82 9.11 -70.41	174.92 7.80 -70.82	158.41 7.41 -62.80	143.11 7.48 -43.18	125.73 7.06 -35.53	124.47 7.06 -35.39	112.22 7.43 -19.36
CRICKET__VALLEY_CC3 323758	120.49 5.58 -32.88	109.94 5.57 -22.51	108.90 5.34 -22.59	102.11 6.32 -0.05	106.03 6.56 0.00	112.07 6.79 -21.42	144.29 8.84 -12.70	167.66 10.94 -6.81	147.75 10.25 -4.41	131.13 9.11 -12.20	123.13 9.12 0.00	122.64 7.34 -28.94	122.04 7.37 -28.96	122.48 7.87 -23.15	129.71 7.69 -32.55	136.77 8.21 -31.94	157.31 7.79 -54.57	194.82 9.11 -70.41	174.92 7.80 -70.82	158.41 7.41 -62.80	143.11 7.48 -43.18	125.73 7.06 -35.53	124.47 7.06 -35.39	112.22 7.43 -19.36
CRUCIBLE_METL_DRP 24180	85.53 -0.08 -3.58	84.15 -0.16 -2.45	83.10 -0.32 -2.46	95.08 -0.67 -0.01	98.87 -0.60 0.00	84.02 0.17 0.00	122.87 0.12 0.00	149.92 0.00 0.00	132.83 -0.27 0.00	109.96 0.00 -0.15	113.66 -0.34 0.00	87.33 0.17 -0.80	86.68 0.17 -0.80	92.15 0.27 -0.41	90.63 0.27 -0.90	97.76 0.39 -0.75	96.48 0.28 -1.24	117.47 0.58 -1.59	98.20 0.39 -1.51	89.96 0.53 -1.23	93.17 -0.09 -0.82	83.97 0.17 -0.67	82.65 0.00 -0.62	85.35 -0.09 0.00
DAHOWA__HYDRO 323763	127.52 5.66 -39.83	114.69 5.57 -27.26	113.91 5.58 -27.36	102.22 6.42 -0.06	106.13 6.66 0.00	204.48 6.12 -114.50	199.45 8.84 -67.86	196.95 10.65 -36.39	166.23 9.59 -23.55	155.01 8.01 -37.18	121.98 7.98 0.00	96.33 6.30 -3.67	95.47 6.09 -3.67	126.97 6.59 -28.92	100.60 6.80 -4.34	133.09 7.44 -29.02	159.91 7.31 -57.64	199.39 8.88 -75.20	195.61 7.32 -92.00	196.74 6.97 -101.57	174.45 6.94 -75.07	152.61 6.32 -63.16	159.99 5.99 -71.98	155.38 6.07 -63.88
DANC__LFGE 323619	84.33 0.33 -1.97	83.37 0.16 -1.35	82.32 0.00 -1.35	95.36 -0.38 0.00	99.36 -0.10 0.00	83.94 0.08 0.00	122.75 0.00 0.00	150.52 0.60 0.00	132.96 -0.13 0.00	109.38 -0.44 0.00	113.55 -0.45 0.00	86.10 -0.26 0.00	85.46 -0.26 0.00	91.64 0.18 0.00	89.91 0.45 0.00	97.11 0.49 0.00	95.81 0.85 0.00	117.04 1.73 0.00	97.65 1.35 0.00	89.08 0.88 0.00	93.01 0.56 0.00	83.64 0.50 0.00	82.11 0.08 0.00	85.18 -0.26 0.00
DANSKAMMER__1 23586	119.55 6.56 -30.95	109.51 6.47 -21.19	108.46 6.24 -21.26	103.16 7.37 -0.05	107.02 7.56 0.00	110.64 7.88 -18.90	144.76 10.80 -11.20	169.42 13.50 -6.01	149.09 12.11 -3.89	131.19 10.44 -10.94	124.27 10.26 0.00	120.93 8.12 -26.46	120.23 8.05 -26.47	121.12 8.51 -21.16	127.62 8.41 -29.75	134.85 9.18 -29.05	153.66 9.12 -49.58	190.23 10.96 -63.97	169.67 9.15 -64.21	153.53 8.55 -56.78	140.04 8.60 -39.00	123.20 7.98 -32.08	121.86 7.95 -31.88	111.32 8.20 -17.69
DANSKAMMER__2 23589	119.55 6.56 -30.95	109.51 6.47 -21.19	108.46 6.24 -21.26	103.16 7.37 -0.05	107.02 7.56 0.00	110.64 7.88 -18.90	144.76 10.80 -11.20	169.42 13.50 -6.01	149.09 12.11 -3.89	131.19 10.44 -10.94	124.27 10.26 0.00	120.93 8.12 -26.46	120.23 8.05 -26.47	121.12 8.51 -21.16	127.62 8.41 -29.75	134.85 9.18 -29.05	153.66 9.12 -49.58	190.23 10.96 -63.97	169.67 9.15 -64.21	153.53 8.55 -56.78	140.04 8.60 -39.00	123.20 7.98 -32.08	121.86 7.95 -31.88	111.32 8.20 -17.69
DANSKAMMER__3 23590	119.55 6.56 -30.95	109.51 6.47 -21.19	108.46 6.24 -21.26	103.16 7.37 -0.05	107.02 7.56 0.00	110.64 7.88 -18.90	144.76 10.80 -11.20	169.42 13.50 -6.01	149.09 12.11 -3.89	131.19 10.44 -10.94	124.27 10.26 0.00	120.93 8.12 -26.46	120.23 8.05 -26.47	121.12 8.51 -21.16	127.62 8.41 -29.75	134.85 9.18 -29.05	153.66 9.12 -49.58	190.23 10.96 -63.97	169.67 9.15 -64.21	153.53 8.55 -56.78	140.04 8.60 -39.00	123.20 7.98 -32.08	121.86 7.95 -31.88	111.32 8.20 -17.69

DANSKAMMER___4 23591	119.55 6.56 -30.95	109.51 6.47 -21.19	108.46 6.24 -21.26	103.16 7.37 -0.05	107.02 7.56 0.00	110.64 7.88 -18.90	144.76 10.80 -11.20	169.42 13.50 -6.01	149.09 12.11 -3.89	131.19 10.44 -10.94	124.27 10.26 0.00	120.93 8.12 -26.46	120.23 8.05 -26.47	121.12 8.51 -21.16	127.62 8.41 -29.75	134.85 9.18 -29.05	153.66 9.12 -49.58	190.23 10.96 -63.97	169.67 9.15 -64.21	153.53 8.55 -56.78	140.04 8.60 -39.00	123.20 7.98 -32.08	121.86 7.95 -31.88	111.32 8.20 -17.69
DANSKAMMER___DIESEL 23592	119.54 6.56 -30.95	109.51 6.47 -21.19	108.46 6.23 -21.26	103.16 7.37 -0.05	107.02 7.56 0.00	110.81 8.05 -18.90	144.75 10.80 -11.20	169.42 13.49 -6.01	149.09 12.11 -3.89	131.07 10.32 -10.94	124.26 10.26 0.00	120.94 8.12 -26.46	120.24 8.06 -26.47	121.12 8.51 -21.16	127.63 8.41 -29.75	134.85 9.18 -29.05	153.65 9.12 -49.58	190.22 10.95 -63.97	169.66 9.15 -64.21	153.44 8.47 -56.78	140.04 8.60 -39.00	123.20 7.98 -32.08	121.86 7.96 -31.88	111.32 8.20 -17.69
DARBY___SOLAR 323810	127.19 5.41 -39.74	114.38 5.32 -27.20	113.61 5.34 -27.30	101.94 6.13 -0.06	105.83 6.37 0.00	202.35 5.87 -112.63	197.96 8.46 -66.74	195.76 10.05 -35.79	165.31 9.05 -23.16	154.13 7.68 -36.63	121.53 7.52 0.00	96.24 5.95 -3.92	95.47 5.83 -3.92	126.45 6.31 -28.68	100.53 6.45 -4.62	132.61 7.15 -28.84	159.17 7.03 -57.18	198.31 8.41 -74.59	194.32 6.94 -91.08	195.20 6.62 -100.39	173.26 6.66 -74.16	151.59 6.07 -62.38	158.80 5.74 -71.03	154.33 5.89 -63.00
DASHVILLE___HYD 23610	120.50 6.81 -31.67	110.17 6.63 -21.68	109.04 6.32 -21.75	104.12 8.33 -0.05	107.92 8.45 0.00	117.27 8.64 -24.78	148.97 11.54 -14.68	172.33 14.54 -7.88	151.10 12.91 -5.10	132.36 10.76 -11.78	124.95 10.94 0.00	116.17 8.90 -20.91	115.55 8.91 -20.92	120.32 9.33 -19.53	122.31 9.30 -23.54	132.12 10.34 -25.16	149.06 10.45 -43.66	184.50 12.80 -56.40	164.96 10.59 -58.06	151.02 9.70 -53.12	139.29 9.89 -36.95	122.80 9.14 -30.52	122.19 9.02 -31.13	114.50 8.46 -20.61
DEERFIELD_69_KV_DEERFIELD LD 355887	139.82 10.50 -47.29	130.87 10.40 -38.61	129.46 10.44 -38.04	129.91 12.35 -21.82	130.19 12.83 -17.90	149.77 12.49 -53.42	161.73 18.66 -20.33	185.92 23.39 -12.62	159.85 19.17 -7.59	141.33 16.03 -15.48	133.91 15.16 -4.74	130.24 12.35 -31.53	129.45 12.17 -31.57	130.14 13.08 -25.60	137.86 12.79 -35.60	146.68 15.07 -34.98	167.72 15.38 -57.38	202.76 19.26 -68.20	185.15 15.99 -72.86	170.45 14.91 -67.35	161.33 14.79 -54.09	150.37 13.05 -54.18	137.61 12.88 -42.70	127.86 13.58 -28.85
DELAWARE___LFGE 323621	99.18 3.36 -13.79	94.57 3.27 -9.44	93.51 3.08 -9.47	99.31 3.54 -0.02	103.24 3.78 0.00	104.81 3.86 -17.10	138.29 5.40 -10.14	161.50 6.15 -5.44	142.07 5.46 -3.52	120.75 4.83 -6.11	118.68 4.67 0.00	93.77 3.89 -3.52	93.09 3.86 -3.52	103.11 4.21 -7.44	97.57 4.12 -3.99	108.38 4.64 -7.13	112.64 4.46 -13.22	137.77 5.30 -17.17	120.12 4.43 -19.39	112.22 4.23 -19.79	110.71 3.98 -14.28	98.89 3.82 -11.93	98.78 3.69 -13.06	102.57 3.84 -13.29
DERFIELD_115KV_TB7 355931	82.93 0.90 0.00	82.76 0.90 0.00	81.78 0.81 0.00	96.60 0.86 0.00	100.36 0.90 0.00	84.78 0.92 0.00	123.85 1.10 0.00	151.12 1.20 0.00	134.16 1.06 0.00	110.80 0.99 0.00	115.03 1.03 0.00	87.31 0.95 0.00	86.66 0.94 0.00	92.47 1.01 0.00	90.45 0.98 0.00	97.68 1.06 0.00	95.91 0.95 0.00	116.46 1.15 0.00	97.26 0.96 0.00	89.08 0.88 0.00	93.28 0.83 0.00	83.97 0.83 0.00	82.85 0.82 0.00	86.29 0.85 0.00
DOGLEVILLE___HYD 23807	87.03 5.00 0.00	86.77 4.91 0.00	85.66 4.69 0.00	101.20 5.45 0.00	105.33 5.87 0.00	89.05 5.20 0.00	130.24 7.49 0.00	158.46 8.54 0.00	140.54 7.45 0.00	116.18 6.37 0.00	120.50 6.49 0.00	91.63 5.27 0.00	90.94 5.23 0.00	97.04 5.58 0.00	95.01 5.55 0.00	102.42 5.80 0.00	100.56 5.60 0.00	122.11 6.80 0.00	101.88 5.58 0.00	93.31 5.11 0.00	97.53 5.08 0.00	88.12 4.99 0.00	86.95 4.92 0.00	90.64 5.21 0.00
DUNKIRK___115KV_TB_200 55889	82.31 -5.17 -5.45	79.94 -5.65 -3.73	78.48 -6.23 -3.74	87.61 -8.14 -0.01	91.51 -7.96 0.00	81.51 -5.03 -2.68	116.24 -8.10 -1.59	136.68 -14.09 -0.85	121.00 -12.64 -0.55	100.91 -9.99 -1.09	103.29 -10.72 0.00	81.30 -6.30 -1.24	80.95 -6.00 -1.24	86.43 -6.86 -1.83	84.33 -6.53 -1.40	91.72 -6.67 -1.76	91.07 -7.03 -3.14	111.87 -7.49 -4.06	93.33 -7.32 -4.35	86.55 -5.82 -4.17	87.54 -7.86 -2.95	79.60 -5.99 -2.45	78.95 -5.66 -2.58	83.30 -4.96 -2.82
DUNKIRK___1 23563	82.31 -5.17 -5.45	79.94 -5.65 -3.73	78.48 -6.23 -3.74	87.61 -8.14 -0.01	91.51 -7.96 0.00	81.51 -5.03 -2.68	116.24 -8.10 -1.59	136.68 -14.09 -0.85	121.00 -12.64 -0.55	100.91 -9.99 -1.09	103.29 -10.72 0.00	81.30 -6.30 -1.24	80.95 -6.00 -1.24	86.43 -6.86 -1.83	84.33 -6.53 -1.40	91.72 -6.67 -1.76	91.07 -7.03 -3.14	111.87 -7.49 -4.06	93.33 -7.32 -4.35	86.55 -5.82 -4.17	87.54 -7.86 -2.95	79.60 -5.99 -2.45	78.95 -5.66 -2.58	83.30 -4.96 -2.82
DUNKIRK___2 23564	82.31 -5.17 -5.45	79.94 -5.65 -3.73	78.48 -6.23 -3.74	87.61 -8.14 -0.01	91.51 -7.96 0.00	81.51 -5.03 -2.68	116.24 -8.10 -1.59	136.68 -14.09 -0.85	121.00 -12.64 -0.55	100.91 -9.99 -1.09	103.29 -10.72 0.00	81.30 -6.30 -1.24	80.95 -6.00 -1.24	86.43 -6.86 -1.83	84.33 -6.53 -1.40	91.72 -6.67 -1.76	91.07 -7.03 -3.14	111.87 -7.49 -4.06	93.33 -7.32 -4.35	86.55 -5.82 -4.17	87.54 -7.86 -2.95	79.60 -5.99 -2.45	78.95 -5.66 -2.58	83.30 -4.96 -2.82
DUNKIRK___3 23565	82.00 -5.41 -5.39	79.65 -5.89 -3.69	78.27 -6.40 -3.70	87.52 -8.23 -0.01	91.41 -8.06 0.00	81.30 -5.20 -2.65	115.85 -8.47 -1.57	136.22 -14.54 -0.84	120.60 -13.04 -0.55	100.57 -10.32 -1.07	102.83 -11.17 0.00	80.85 -6.74 -1.23	80.51 -6.43 -1.23	85.95 -7.32 -1.81	83.87 -6.98 -1.38	91.21 -7.15 -1.74	90.56 -7.50 -3.10	111.25 -8.07 -4.02	92.79 -7.80 -4.29	86.05 -6.26 -4.12	87.04 -8.32 -2.91	79.15 -6.40 -2.42	78.51 -6.07 -2.55	82.92 -5.30 -2.78
DUNKIRK___4 23566	82.00 -5.41 -5.39	79.65 -5.89 -3.69	78.27 -6.40 -3.70	87.52 -8.23 -0.01	91.41 -8.06 0.00	81.30 -5.20 -2.65	115.85 -8.47 -1.57	136.22 -14.54 -0.84	120.60 -13.04 -0.55	100.57 -10.32 -1.07	102.83 -11.17 0.00	80.85 -6.74 -1.23	80.51 -6.43 -1.23	85.95 -7.32 -1.81	83.87 -6.98 -1.38	91.21 -7.15 -1.74	90.56 -7.50 -3.10	111.25 -8.07 -4.02	92.79 -7.80 -4.29	86.05 -6.26 -4.12	87.04 -8.32 -2.91	79.15 -6.40 -2.42	78.51 -6.07 -2.55	82.92 -5.30 -2.78
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	119.41 6.23 -31.14	109.40 6.22 -21.32	108.35 5.99 -21.39	102.78 6.99 -0.05	106.72 7.26 0.00	109.75 7.63 -18.26	143.51 9.94 -10.82	168.61 12.89 -5.80	148.83 11.98 -3.76	131.40 10.65 -10.93	124.72 10.72 0.00	122.56 8.64 -27.56	121.85 8.57 -27.57	122.14 9.05 -21.62	129.31 8.86 -30.99	136.12 9.57 -29.93	155.07 9.12 -50.99	192.04 10.95 -65.78	171.27 9.15 -65.82	154.70 8.56 -57.95	140.78 8.60 -39.74	123.87 8.06 -32.67	122.42 8.04 -32.35	111.25 8.37 -17.45
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	117.63 5.66 -29.94	107.92 5.57 -20.50	106.96 5.42 -20.57	102.20 6.41 -0.05	106.03 6.56 0.00	109.05 7.04 -18.15	142.84 9.33 -10.76	167.38 11.69 -5.77	147.48 10.65 -3.73	129.47 9.22 -10.43	123.12 9.12 0.00	118.66 7.25 -25.04	117.97 7.20 -25.05	119.21 7.59 -20.16	125.14 7.51 -28.16	132.39 8.21 -27.55	150.08 8.07 -47.05	185.69 9.69 -60.70	165.36 8.09 -60.97	149.66 7.50 -53.97	137.10 7.58 -37.08	120.79 7.15 -30.51	119.42 7.05 -30.33	109.84 7.35 -17.06

E179THST_138_KV_TB4_REV_LBMP_J 345001	120.07 6.89 -31.15	109.74 6.55 -21.33	108.69 6.32 -21.40	103.27 7.47 -0.06	107.13 7.66 -0.01	110.01 7.88 -18.27	143.51 9.94 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.85 11.09 -10.94	125.18 11.17 -0.01	122.91 8.98 -27.57	122.29 9.00 -27.58	122.70 9.60 -21.63	129.68 9.21 -31.00	136.51 9.95 -29.94	155.44 9.50 -50.99	192.27 11.18 -65.78	171.57 9.44 -65.83	155.06 8.91 -57.96	141.25 9.06 -39.74	124.38 8.56 -32.68	123.00 8.61 -32.36	111.86 8.97 -17.46
E179THST_13_KV_LOAD 356214	120.49 7.30 -31.15	110.06 6.88 -21.33	109.01 6.64 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.34 8.22 -18.27	144.01 10.43 -10.82	169.51 13.79 -5.80	149.76 12.91 -3.76	132.40 11.64 -10.94	125.75 11.74 -0.01	123.34 9.41 -27.57	122.72 9.43 -27.58	123.15 10.06 -21.63	130.21 9.75 -31.00	137.09 10.53 -29.94	155.92 9.97 -50.99	192.96 11.88 -65.78	172.15 10.02 -65.83	155.50 9.35 -57.96	141.80 9.61 -39.74	124.80 8.98 -32.68	123.33 8.94 -32.36	112.29 9.40 -17.46
EAST HAMPTON___GT 23717	139.32 10.00 -47.29	130.45 9.98 -38.61	129.05 10.04 -38.04	129.72 12.16 -21.82	130.09 12.73 -17.90	149.52 12.24 -53.42	161.97 18.90 -20.33	186.37 23.84 -12.62	160.38 19.69 -7.59	141.88 16.58 -15.48	134.25 15.50 -4.74	130.59 12.70 -31.53	129.70 12.42 -31.57	130.42 13.35 -25.60	138.03 12.97 -35.60	146.86 15.26 -34.98	168.39 16.05 -57.38	203.34 19.84 -68.20	185.44 16.28 -72.86	170.72 15.17 -67.35	161.52 14.97 -54.09	150.37 13.05 -54.18	137.61 12.88 -42.70	128.12 13.84 -28.85
EAST RIVER___6 23660	119.65 6.48 -31.14	109.48 6.30 -21.32	108.44 6.08 -21.39	102.88 7.08 -0.05	106.93 7.46 0.00	109.66 7.55 -18.26	143.51 9.94 -10.82	168.92 13.20 -5.80	149.76 12.91 -3.76	132.28 11.53 -10.93	125.51 11.51 0.00	123.25 9.33 -27.56	122.54 9.26 -27.57	122.96 9.88 -21.62	130.03 9.58 -30.99	136.90 10.34 -29.93	155.73 9.78 -50.99	192.39 11.31 -65.77	171.66 9.54 -65.82	155.15 9.00 -57.95	141.25 9.07 -39.73	124.29 8.48 -32.67	122.91 8.53 -32.35	111.85 8.97 -17.45
EAST RIVER___7 23524	119.65 6.48 -31.14	109.48 6.30 -21.32	108.44 6.08 -21.39	102.88 7.08 -0.05	106.93 7.46 0.00	109.66 7.55 -18.26	143.51 9.94 -10.82	168.92 13.20 -5.80	149.76 12.91 -3.76	132.28 11.53 -10.93	125.51 11.51 0.00	123.25 9.33 -27.56	122.54 9.26 -27.57	122.96 9.88 -21.62	130.03 9.58 -30.99	136.90 10.34 -29.93	155.73 9.78 -50.99	192.39 11.31 -65.77	171.66 9.54 -65.82	155.15 9.00 -57.95	141.25 9.07 -39.73	124.29 8.48 -32.67	122.91 8.53 -32.35	111.85 8.97 -17.45
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	119.10 5.99 -31.09	109.03 5.89 -21.28	108.07 5.75 -21.35	102.49 6.70 -0.05	106.42 6.96 0.00	109.37 7.30 -18.22	143.12 9.57 -10.80	168.00 12.29 -5.79	148.42 11.58 -3.75	130.94 10.21 -10.91	124.26 10.26 0.00	122.13 8.29 -27.47	121.43 8.23 -27.48	121.71 8.69 -21.57	128.86 8.50 -30.89	135.65 9.18 -29.85	154.54 8.74 -50.84	191.38 10.49 -65.59	170.70 8.76 -65.64	154.19 8.20 -57.79	140.30 8.23 -39.62	123.45 7.73 -32.58	122.00 7.71 -32.26	110.96 8.12 -17.41
EAST_HAMPTON___DIESEL 23722	139.16 9.84 -47.29	130.29 9.82 -38.61	128.89 9.87 -38.04	129.53 11.97 -21.82	129.89 12.53 -17.90	149.35 12.08 -53.42	161.73 18.65 -20.33	186.21 23.68 -12.62	160.26 19.57 -7.59	141.77 16.47 -15.48	134.13 15.38 -4.74	130.59 12.70 -31.53	129.63 12.35 -31.57	130.42 13.35 -25.60	137.95 12.89 -35.60	146.77 15.17 -34.98	168.29 15.95 -57.38	203.22 19.71 -68.20	185.33 16.17 -72.86	170.63 15.08 -67.35	161.43 14.89 -54.09	150.20 12.89 -54.18	137.45 12.71 -42.70	128.04 13.76 -28.85
EAST_POINT___SOLAR 323840	131.40 5.74 -43.63	117.37 5.64 -29.86	116.69 5.75 -29.97	102.23 6.42 -0.07	106.32 6.86 0.00	203.64 6.04 -113.74	200.09 9.94 -67.40	197.61 11.54 -36.15	165.80 9.31 -23.39	152.48 6.04 -36.63	117.65 3.65 0.00	90.28 1.90 -2.02	89.79 2.05 -2.02	122.21 3.11 -27.64	95.44 3.49 -2.49	130.40 6.47 -27.31	157.20 7.50 -54.74	196.33 9.56 -71.46	192.33 7.71 -88.32	193.93 7.32 -98.42	172.59 7.22 -98.42	151.11 6.57 -72.93	158.13 5.82 -61.41	153.77 5.47 -70.28
EAST_PULASKI___ESR 323781	82.80 -1.56 -2.33	81.73 -1.72 -1.59	80.78 -1.78 -1.60	93.26 -2.49 0.00	97.07 -2.39 0.00	82.18 -1.68 0.00	120.05 -2.70 0.00	146.76 -3.16 0.00	130.04 -3.06 0.00	107.40 -2.42 0.00	111.39 -2.62 0.00	84.64 -1.73 0.00	84.00 -1.71 0.00	89.82 -1.64 0.00	87.94 -1.52 0.00	94.89 -1.74 0.00	93.25 -1.71 0.00	113.58 -1.73 0.00	94.86 -1.44 0.00	86.78 -1.41 0.00	90.60 -1.85 0.00	81.64 -1.49 0.00	80.39 -1.64 0.00	83.55 -1.88 0.00
EAST_RIVER___1 323558	119.74 6.56 -31.14	109.57 6.39 -21.32	108.51 6.15 -21.39	103.06 7.27 -0.05	107.02 7.56 0.00	109.74 7.63 -18.26	143.64 10.07 -10.82	169.22 13.50 -5.80	149.63 12.78 -3.76	132.17 11.42 -10.93	125.40 11.40 0.00	123.07 9.15 -27.56	122.36 9.08 -27.57	122.77 9.69 -21.62	129.84 9.39 -30.99	136.70 10.14 -29.93	155.54 9.59 -50.99	192.50 11.42 -65.77	171.66 9.54 -65.82	155.15 9.00 -57.95	141.15 8.96 -39.73	124.20 8.39 -32.67	122.91 8.53 -32.35	111.85 8.97 -17.45
EAST_RIVER___2 323559	119.65 6.48 -31.14	109.48 6.30 -21.32	108.44 6.08 -21.39	102.88 7.08 -0.05	106.93 7.46 0.00	109.66 7.55 -18.26	143.51 9.94 -10.82	168.92 13.20 -5.80	149.76 12.91 -3.76	132.28 11.53 -10.93	125.51 11.51 0.00	123.25 9.33 -27.56	122.54 9.26 -27.57	122.96 9.88 -21.62	130.03 9.58 -30.99	136.90 10.34 -29.93	155.73 9.78 -50.99	192.39 11.31 -65.77	171.66 9.54 -65.82	155.15 9.00 -57.95	141.25 9.07 -39.73	124.29 8.48 -32.67	122.91 8.53 -32.35	111.85 8.97 -17.45
EAST___DELAWARE_HYD 23607	116.22 5.99 -28.20	106.98 5.81 -19.30	105.92 5.58 -19.37	102.39 6.60 -0.04	106.23 6.77 0.00	109.37 7.38 -18.14	143.68 10.18 -10.75	168.42 12.74 -5.77	147.87 11.04 -3.73	128.74 9.23 -9.70	122.78 8.78 0.00	114.27 6.82 -21.09	113.67 6.86 -21.10	116.60 7.22 -17.91	120.35 7.16 -23.72	128.48 8.02 -23.84	144.13 8.26 -40.92	178.14 10.03 -52.81	158.14 8.37 -53.47	143.70 7.67 -47.84	133.21 7.77 -33.00	117.55 7.23 -27.19	116.43 7.13 -27.27	109.26 7.26 -16.57
EIGHT_POINT___WT_PWR 323820	87.17 -1.64 -6.77	84.53 -1.97 -4.64	83.36 -2.27 -4.65	92.69 -3.07 -0.01	96.48 -2.98 0.00	86.64 -0.58 -3.37	123.28 -1.47 -2.00	146.04 -4.94 -1.07	128.87 -4.92 -0.69	107.66 -3.52 -1.36	109.32 -4.68 0.00	85.84 -2.07 -1.55	85.21 -2.06 -1.55	91.67 -2.10 -2.31	89.33 -1.88 -1.75	97.39 -1.45 -2.21	97.37 -1.52 -3.94	119.36 -1.04 -5.10	100.50 -1.25 -5.45	92.63 -0.80 -5.23	94.11 -2.03 -3.70	85.22 -0.99 -3.07	84.12 -1.15 -3.24	88.23 -0.77 -3.57
ELBRIDGE_115KV_TB2 80188	85.75 -0.16 -3.88	84.19 -0.33 -2.66	83.23 -0.40 -2.67	94.89 -0.86 -0.01	98.67 -0.80 0.00	83.94 0.08 0.00	122.63 -0.12 0.00	149.47 -0.45 0.00	132.43 -0.67 0.00	109.65 -0.33 -0.16	113.32 -0.68 0.00	87.15 -0.09 -0.87	86.58 0.00 -0.87	92.73 0.00 -1.27	90.44 0.00 -0.98	97.63 0.19 -0.82	96.31 0.00 -1.35	117.38 0.35 -1.73	98.14 0.19 -1.65	89.89 0.35 -1.34	93.06 -0.28 -0.89	83.86 0.00 -0.73	82.54 -0.16 -0.67	87.20 -0.17 -1.94
ELEC_TRO_TEK 24086	143.35 7.79 -53.53	125.73 7.78 -36.09	124.82 7.53 -36.32	119.79 8.81 -15.24	121.72 9.15 -13.10	130.28 9.22 -37.21	184.93 12.40 -49.79	221.31 15.74 -55.65	179.47 14.51 -31.87	166.80 12.74 -44.25	161.39 12.65 -34.73	153.07 10.10 -56.60	152.56 10.03 -56.82	152.90 10.70 -50.74	164.58 10.38 -64.74	170.28 11.21 -62.45	203.37 10.73 -97.68	211.48 12.80 -83.38	207.27 10.69 -100.28	193.58 10.05 -95.33	171.07 10.17 -68.45	179.08 9.48 -86.47	145.61 9.60 -53.98	124.27 10.00 -28.84

ELLENBURG_WT_PWR 323604	80.71 -1.32 0.00	80.71 -1.15 0.00	80.16 -0.81 0.00	95.08 -0.67 0.00	98.47 -0.99 0.00	82.60 -1.26 0.00	120.91 -1.84 0.00	147.67 -2.24 0.00	130.70 -2.39 0.00	107.30 -2.52 0.00	112.52 -1.49 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	89.45 -2.01 0.00	87.49 -1.97 0.00	94.50 -2.13 0.00	93.63 -1.33 0.00	113.58 -1.73 0.00	95.15 -1.15 0.00	86.61 -1.58 0.00	91.52 -0.92 0.00	81.89 -1.24 0.00	80.64 -1.39 0.00	84.49 -0.94 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	81.36 -5.91 -5.23	79.14 -6.30 -3.58	77.76 -6.80 -3.59	86.75 -9.00 -0.01	90.61 -8.85 0.00	80.47 -5.95 -2.57	114.58 -9.70 -1.52	134.69 -16.04 -0.82	119.25 -14.37 -0.53	99.44 -11.42 -1.04	101.69 -12.31 0.00	79.87 -7.69 -1.19	79.53 -7.37 -1.19	84.80 -8.41 -1.76	82.66 -8.14 -1.34	89.33 -8.41 -1.12	89.14 -8.83 -3.01	109.52 -9.69 -3.90	91.32 -9.15 -4.17	84.70 -7.50 -4.00	85.75 -9.52 -2.83	78.00 -7.48 -2.35	77.45 -7.05 -2.47	81.72 -6.41 -2.70
EMPIRE_CC_1 323656	123.27 3.94 -37.30	111.32 3.93 -25.53	110.48 3.89 -25.62	100.30 4.50 -0.06	104.14 4.68 0.00	138.12 5.78 -48.49	158.85 7.36 -28.74	173.57 8.24 -15.41	150.65 7.58 -9.97	135.99 7.36 -18.81	121.64 7.64 0.00	110.66 6.22 -18.07	109.88 6.09 -18.08	121.06 6.49 -23.10	116.11 6.26 -20.39	130.69 6.28 -27.79	150.79 5.79 -50.04	186.69 6.57 -64.82	172.30 5.78 -70.22	162.26 5.65 -68.41	146.73 5.64 -48.64	129.08 5.49 -40.46	130.69 5.58 -43.08	123.85 5.89 -32.53
EMPIRE_CC_2 323658	123.27 3.94 -37.30	111.32 3.93 -25.53	110.48 3.89 -25.62	100.30 4.50 -0.06	104.14 4.68 0.00	138.12 5.78 -48.49	158.85 7.36 -28.74	173.57 8.24 -15.41	150.65 7.58 -9.97	135.99 7.36 -18.81	121.64 7.64 0.00	110.66 6.22 -18.07	109.88 6.09 -18.08	121.06 6.49 -23.10	116.11 6.26 -20.39	130.69 6.28 -27.79	150.79 5.79 -50.04	186.69 6.57 -64.82	172.30 5.78 -70.22	162.26 5.65 -68.41	146.73 5.64 -48.64	129.08 5.49 -40.46	130.69 5.58 -43.08	123.85 5.89 -32.53
ENORWICH_115KV_TB1 80156	99.98 7.96 -9.99	96.31 7.61 -6.84	95.04 7.21 -6.86	103.70 7.95 -0.02	108.61 9.15 0.00	101.40 9.39 -8.15	141.94 14.36 -4.83	169.60 17.09 -2.59	148.61 13.84 -1.68	123.84 10.98 -3.05	124.38 10.37 0.00	97.32 8.55 -2.41	96.70 8.57 -2.41	105.25 9.51 -4.28	101.67 9.48 -2.72	111.62 10.92 -4.08	113.79 11.40 -7.43	139.36 14.41 -9.64	118.58 11.65 -10.63	109.34 10.58 -10.56	110.18 10.17 -7.56	98.58 9.14 -6.30	97.11 8.29 -6.79	101.05 8.46 -7.16
ERIE_ST__34_KV_TB1-2 80199	81.32 -6.15 -5.44	78.95 -6.63 -3.72	77.58 -7.13 -3.74	88.28 -7.47 -0.01	92.20 -7.26 0.00	82.00 -4.53 -2.68	116.73 -7.61 -1.59	136.08 -14.69 -0.85	120.60 -13.04 -0.55	100.47 -10.43 -1.08	102.72 -11.29 0.00	80.69 -6.91 -1.24	80.35 -6.60 -1.24	85.79 -7.50 -1.83	83.61 -7.25 -1.39	90.84 -7.54 -1.76	90.21 -8.83 -3.13	110.83 -8.53 -4.06	92.55 -8.09 -4.34	85.74 -6.61 -4.16	86.70 -8.69 -2.94	78.85 -6.73 -2.44	78.21 -6.40 -2.58	83.29 -4.96 -2.81
ERIE_WT_PWR 323693	81.64 -5.74 -5.36	79.39 -6.14 -3.67	78.01 -6.64 -3.68	87.23 -8.52 -0.01	91.11 -8.35 0.00	81.04 -5.45 -2.64	115.36 -8.96 -1.56	135.32 -15.44 -0.84	119.93 -13.71 -0.54	100.01 -10.87 -1.07	102.14 -11.86 0.00	80.33 -7.25 -1.22	79.91 -7.03 -1.22	85.30 -7.96 -1.80	83.14 -7.69 -1.37	90.43 -7.92 -1.73	89.69 -8.36 -3.09	110.19 -9.11 -3.99	92.00 -8.57 -4.27	85.32 -6.97 -4.10	86.29 -9.06 -2.90	78.48 -7.07 -2.41	77.93 -6.64 -2.54	82.39 -5.81 -2.77
ESPRGFLD_115KV_TB1 80157	85.39 3.36 0.00	85.14 3.27 0.00	84.13 3.16 0.00	99.19 3.45 0.00	103.34 3.88 0.00	169.62 3.94 -81.83	177.50 6.26 -48.49	183.12 7.20 -26.01	155.78 5.86 -16.83	140.87 4.50 -26.55	117.65 3.65 0.00	91.75 2.85 -2.53	91.08 2.83 -2.53	115.83 3.38 -20.99	96.04 3.58 -3.00	121.92 4.64 -20.66	141.04 5.03 -41.05	175.20 6.34 -53.56	166.99 5.10 -65.58	165.43 4.76 -72.47	150.46 4.44 -53.58	132.37 4.16 -45.08	137.03 3.61 -51.39	135.36 3.42 -46.51
ETNA_115_KV_TB1_REV_LBMP_C 345029	91.36 2.05 -7.28	88.65 1.80 -4.98	87.59 1.62 -5.00	97.48 1.72 -0.01	101.45 1.99 0.00	90.63 2.68 -4.09	129.10 3.93 -2.43	155.42 4.20 -1.30	137.26 3.33 -0.84	114.18 2.75 -1.62	116.17 2.17 0.00	90.30 2.25 -1.69	89.72 2.31 -1.69	96.54 2.47 -2.61	93.87 2.50 -1.90	102.21 3.09 -2.50	102.47 3.04 -4.47	125.25 4.15 -5.79	105.91 3.37 -6.24	97.42 3.18 -6.04	99.33 2.59 -4.29	89.28 2.58 -3.56	88.03 2.21 -3.78	91.94 2.39 -4.12
ETNA____115KV_TB2 80207	91.36 2.05 -7.28	88.65 1.80 -4.98	87.59 1.62 -5.00	97.48 1.72 -0.01	101.45 1.99 0.00	90.63 2.68 -4.09	129.10 3.93 -2.43	155.42 4.20 -1.30	137.26 3.33 -0.84	114.18 2.75 -1.62	116.17 2.17 0.00	90.30 2.25 -1.69	89.72 2.31 -1.69	96.54 2.47 -2.61	93.87 2.50 -1.90	102.21 3.09 -2.50	102.47 3.04 -4.47	125.25 4.15 -5.79	105.91 3.37 -6.24	97.42 3.18 -6.04	99.33 2.59 -4.29	89.28 2.58 -3.56	88.03 2.21 -3.78	91.94 2.39 -4.12
EUCLID____115KV_TB2 356179	83.58 -1.31 -2.86	82.35 -1.47 -1.96	81.40 -1.54 -1.97	93.54 -2.20 0.00	97.27 -2.19 0.00	82.51 -1.34 0.00	120.66 -2.09 0.00	147.22 -2.70 0.00	130.57 -2.53 0.00	107.95 -1.87 0.00	111.72 -2.28 0.00	85.07 -1.30 0.00	84.43 -1.29 0.00	90.09 -1.37 0.00	88.12 -1.34 0.00	95.27 -1.35 0.00	93.53 -1.42 0.00	113.69 -1.61 0.00	94.95 -1.35 0.00	87.05 -1.15 0.00	90.78 -1.66 0.00	81.81 -1.33 0.00	80.64 -1.39 0.00	83.89 -1.54 0.00
E_CANADA_CAP_HY 24051	131.20 3.86 -45.32	116.65 3.77 -31.02	115.91 3.81 -31.13	100.02 4.21 -0.07	104.04 4.58 0.00	193.84 4.19 -105.80	192.32 6.87 -62.70	191.18 7.64 -33.62	161.11 6.26 -21.76	148.22 4.28 -34.12	117.08 3.08 0.00	90.58 2.07 -2.15	90.09 2.22 -2.15	120.28 2.84 -25.99	95.21 3.13 -2.61	126.91 4.64 -25.65	151.51 5.22 -51.33	189.11 6.80 -67.00	184.25 5.29 -82.66	185.18 5.02 -91.96	165.46 4.90 -68.11	145.13 4.65 -57.34	151.63 4.02 -65.58	147.98 3.75 -58.80
E_CANADA_MHWK_HY 24050	87.03 5.00 0.00	86.77 4.91 0.00	85.66 4.69 0.00	101.20 5.45 0.00	105.33 5.87 0.00	89.05 5.20 0.00	130.24 7.49 0.00	158.46 8.54 0.00	140.54 7.45 0.00	116.18 6.37 0.00	120.50 6.49 0.00	91.63 5.27 0.00	90.94 5.23 0.00	97.04 5.58 0.00	95.01 5.55 0.00	102.42 5.80 0.00	100.56 5.60 0.00	122.11 6.80 0.00	101.88 5.58 0.00	93.31 5.11 0.00	97.53 5.08 0.00	88.12 4.99 0.00	86.95 4.92 0.00	90.64 5.21 0.00
E_FISHKILL____LBMP 23776	119.33 5.58 -31.72	109.06 5.48 -21.71	108.02 5.26 -21.79	102.02 6.22 -0.05	105.93 6.47 0.00	109.31 6.79 -18.67	142.65 8.84 -11.06	167.09 11.24 -5.93	147.45 10.51 -3.84	130.26 9.22 -11.21	123.35 9.35 0.00	122.25 7.51 -28.37	121.55 7.46 -28.38	121.61 7.96 -22.19	129.06 7.69 -31.90	135.82 8.41 -30.79	155.37 7.98 -52.44	192.40 9.45 -67.64	171.96 7.99 -67.67	155.24 7.50 -59.55	140.76 7.49 -40.82	123.77 7.07 -33.57	122.31 7.05 -33.22	110.66 7.43 -17.80
FALCON____SEABRD_CC1 323796	81.78 -0.25 0.00	81.78 -0.08 0.00	81.13 0.16 0.00	96.22 0.48 0.00	99.56 0.10 0.00	83.69 -0.17 0.00	121.52 -1.23 0.00	147.82 -2.10 0.00	130.83 -2.26 0.00	107.40 -2.42 0.00	113.21 -0.79 0.00	85.33 -1.03 0.00	84.51 -1.20 0.00	89.90 -1.56 0.00	88.12 -1.34 0.00	95.07 -1.55 0.00	94.30 -0.66 0.00	114.38 -0.93 0.00	95.82 -0.48 0.00	87.23 -0.97 0.00	92.17 -0.28 0.00	82.56 -0.58 0.00	81.21 -0.82 0.00	85.60 0.17 0.00

FALCON___SEABRD_CC2 323797	81.78 -0.25 0.00	81.78 -0.08 0.00	81.13 0.16 0.00	96.22 0.48 0.00	99.56 0.10 0.00	83.69 -0.17 0.00	121.52 -1.23 0.00	147.82 -2.10 0.00	130.83 -2.26 0.00	107.40 -2.42 0.00	113.21 -0.79 0.00	85.33 -1.03 0.00	84.51 -1.20 0.00	89.90 -1.56 0.00	88.12 -1.34 0.00	95.07 -1.55 0.00	94.30 -0.66 0.00	114.38 -0.93 0.00	95.82 -0.48 0.00	87.23 -0.97 0.00	92.17 -0.28 0.00	82.56 -0.58 0.00	81.21 -0.82 0.00	85.60 0.17 0.00
FAR ROCKAWAY___4 23548	168.08 9.60 -76.45	138.65 9.50 -47.29	138.22 9.23 -48.03	131.45 10.82 -24.89	132.55 11.24 -21.85	140.34 10.98 -45.51	237.38 15.34 -99.28	290.99 19.34 -121.74	219.94 17.70 -69.15	213.60 15.37 -88.41	209.95 15.16 -80.79	193.56 12.09 -95.11	193.31 12.00 -95.60	193.61 12.80 -89.34	211.28 12.35 -109.48	215.48 13.62 -105.24	267.52 13.01 -159.55	237.79 15.80 -106.69	254.32 13.29 -144.73	243.27 12.44 -142.64	206.05 12.48 -101.13	245.08 11.47 -150.47	172.27 11.40 -78.84	136.16 11.87 -38.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	119.74 6.56 -31.14	109.65 6.47 -21.32	108.60 6.23 -21.39	103.07 7.28 -0.05	107.12 7.66 0.00	110.08 7.97 -18.26	143.76 10.19 -10.82	169.21 13.49 -5.80	149.63 12.78 -3.76	132.17 11.42 -10.93	125.40 11.40 0.00	123.07 9.15 -27.56	122.37 9.09 -27.57	122.78 9.69 -21.62	129.84 9.39 -30.99	136.70 10.15 -29.93	155.54 9.59 -50.99	192.50 11.42 -65.78	171.75 9.63 -65.82	155.14 9.00 -57.95	141.24 9.06 -39.73	124.29 8.48 -32.67	122.99 8.61 -32.35	111.94 9.06 -17.45
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	119.74 6.56 -31.14	109.65 6.47 -21.32	108.60 6.23 -21.39	103.16 7.37 -0.05	107.12 7.66 0.00	110.08 7.97 -18.26	143.76 10.19 -10.82	169.21 13.49 -5.80	149.63 12.78 -3.76	132.17 11.42 -10.93	125.40 11.40 0.00	123.07 9.15 -27.56	122.37 9.09 -27.57	122.78 9.69 -21.62	129.84 9.39 -30.99	136.70 10.15 -29.93	155.64 9.69 -50.99	192.61 11.53 -65.78	171.75 9.63 -65.82	155.14 9.00 -57.95	141.24 9.06 -39.73	124.29 8.48 -32.67	122.99 8.61 -32.35	111.94 9.06 -17.45
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	119.74 6.56 -31.14	109.65 6.47 -21.32	108.52 6.15 -21.39	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.64 10.07 -10.82	169.06 13.34 -5.80	149.49 12.64 -3.76	132.06 11.31 -10.93	125.29 11.29 0.00	122.99 9.07 -27.56	122.37 9.09 -27.57	122.69 9.60 -21.62	129.75 9.30 -30.99	136.60 10.05 -29.93	155.54 9.59 -50.99	192.50 11.42 -65.78	171.66 9.53 -65.82	155.06 8.91 -57.95	141.15 8.97 -39.73	124.29 8.48 -32.67	122.91 8.53 -32.35	111.85 8.97 -17.45
FARRAGUT___LBMP 323566	119.65 6.48 -31.14	109.56 6.39 -21.32	108.52 6.15 -21.39	102.97 7.18 -0.05	106.92 7.46 0.00	109.91 7.80 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	131.95 11.20 -10.93	125.18 11.17 0.00	122.90 8.98 -27.56	122.28 9.00 -27.57	122.69 9.60 -21.62	129.67 9.21 -30.99	136.51 9.95 -29.93	155.45 9.50 -50.99	192.38 11.30 -65.78	171.56 9.44 -65.82	154.97 8.82 -57.95	141.06 8.87 -39.73	124.20 8.40 -32.67	122.91 8.53 -32.35	111.77 8.88 -17.45
FENNER___WINDPWR 24204	88.30 2.29 -3.98	86.80 2.21 -2.72	85.73 2.03 -2.73	97.85 2.10 -0.01	101.95 2.49 0.00	86.54 2.68 0.00	126.68 3.93 0.00	154.57 4.65 0.00	136.82 3.72 0.00	113.05 3.07 -0.17	116.86 2.85 0.00	89.67 2.41 -0.89	89.00 2.40 -0.89	95.51 2.74 -1.31	93.24 2.78 -1.00	100.64 3.18 -0.84	99.47 3.13 -1.38	121.12 4.03 -1.78	101.27 3.28 -1.69	92.48 2.91 -1.38	95.95 2.58 -0.92	86.29 2.41 -0.75	84.85 2.13 -0.69	89.66 2.22 -2.01
FIBERTEK___ENERGY 23856	85.53 -0.08 -3.58	84.15 -0.16 -2.45	83.10 -0.32 -2.46	95.08 -0.67 -0.01	98.87 -0.60 0.00	84.02 0.17 0.00	122.87 0.12 0.00	149.92 0.00 0.00	132.83 -0.27 0.00	109.96 0.00 -0.15	113.66 -0.34 0.00	87.33 0.17 -0.80	86.68 0.17 -0.80	92.15 0.27 -0.41	90.63 0.27 -0.90	97.76 0.39 -0.75	96.48 0.28 -1.24	117.47 0.58 -1.59	98.20 0.39 -1.51	89.96 0.53 -1.23	93.17 -0.09 -0.82	83.97 0.17 -0.67	82.65 0.00 -0.62	85.35 -0.09 0.00
FITZPATRICK___ 23598	80.88 -2.87 -1.72	80.10 -2.94 -1.18	79.16 -2.99 -1.18	91.91 -3.83 0.00	95.58 -3.88 0.00	80.92 -2.94 0.00	118.34 -4.41 0.00	144.22 -5.70 0.00	128.04 -5.06 0.00	105.76 -4.06 0.00	109.67 -4.33 0.00	83.34 -3.03 0.00	82.71 -3.00 0.00	88.26 -3.20 0.00	86.33 -3.13 0.00	93.34 -3.29 0.00	91.63 -3.33 0.00	111.38 -3.92 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	89.03 -3.42 0.00	80.22 -2.91 0.00	79.08 -2.95 0.00	82.27 -3.16 0.00
FLOWRFLD_69_KV_BK1 356044	139.20 9.84 -47.32	130.11 9.66 -38.59	128.56 9.55 -38.03	128.72 11.20 -21.78	128.97 11.64 -17.87	148.49 11.32 -53.31	159.46 16.20 -20.51	183.19 20.39 -12.89	158.41 17.57 -7.74	140.30 14.83 -15.66	133.30 14.36 -4.93	129.88 11.83 -31.68	129.09 11.66 -31.72	129.66 12.44 -25.76	137.41 12.17 -35.78	145.59 13.82 -35.15	166.17 13.58 -57.63	199.97 16.37 -68.30	183.10 13.77 -73.03	168.78 13.05 -67.53	159.76 13.13 -54.18	149.32 11.81 -54.38	136.53 11.73 -42.77	126.50 12.22 -28.85
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	119.85 6.73 -31.10	109.70 6.55 -21.29	108.65 6.32 -21.36	103.35 7.56 -0.05	107.22 7.76 0.00	111.00 8.22 -18.93	145.01 11.05 -11.22	169.72 13.79 -6.02	149.37 12.38 -3.89	131.36 10.54 -11.00	124.49 10.49 0.00	121.41 8.29 -26.75	120.71 8.23 -26.77	121.48 8.69 -21.33	128.14 8.59 -30.09	135.32 9.37 -29.33	154.32 9.31 -50.05	191.06 11.18 -64.58	170.44 9.34 -64.80	154.10 8.64 -57.26	140.55 8.78 -39.32	123.63 8.15 -32.35	122.27 8.12 -32.12	111.55 8.37 -17.74
FORT ORANGE___ 23900	124.51 4.02 -38.46	112.20 4.01 -26.33	111.35 3.97 -26.42	100.59 4.79 -0.06	104.43 4.97 0.00	150.16 4.44 -61.87	164.20 4.78 -36.66	174.82 5.24 -19.66	150.60 4.78 -12.72	135.29 4.95 -20.53	119.36 5.36 0.00	95.10 4.40 -4.34	94.42 4.37 -4.34	115.09 4.66 -18.97	98.75 4.29 -4.99	118.96 4.45 -17.89	133.46 3.70 -34.80	164.78 4.14 -45.33	154.12 3.66 -54.16	150.23 3.53 -58.50	138.73 3.32 -42.96	122.70 3.49 -36.08	126.65 3.94 -40.68	129.74 4.78 -39.53
FORT_DRUM_COGEN 23780	86.26 2.87 -1.36	85.41 2.62 -0.93	84.25 2.35 -0.94	97.95 2.20 0.00	102.35 2.88 0.00	86.37 2.52 0.00	126.31 3.56 0.00	155.46 5.55 0.00	136.82 3.73 0.00	112.01 2.20 0.00	116.40 2.39 0.00	88.00 1.64 0.00	87.34 1.63 0.00	94.02 2.56 0.00	92.51 3.04 0.00	100.10 3.48 0.00	99.23 4.27 0.00	121.65 6.34 0.00	101.40 5.10 0.00	92.08 3.88 0.00	96.24 3.79 0.00	86.29 3.16 0.00	84.33 2.30 0.00	87.31 1.88 0.00
FOX_HILLS___ESR 323835	120.16 6.97 -31.15	116.99 7.29 -27.84	115.94 7.04 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.19 8.72 -24.62	144.01 10.43 -10.82	169.36 13.64 -5.80	149.95 13.04 -3.81	218.47 11.75 -96.91	219.87 11.74 -94.13	199.06 9.41 -103.28	185.11 9.43 -89.97	165.91 9.97 -64.48	158.20 9.75 -58.99	237.20 10.53 -130.05	166.42 10.07 -61.40	293.07 11.88 -165.89	373.85 10.02 -267.53	319.01 9.35 -221.46	316.81 9.43 -214.93	224.91 8.98 -132.79	127.31 8.94 -36.33	119.29 9.31 -24.54
FPL FAR_ROCK_GT1 24212	168.08 9.59 -76.45	138.65 9.49 -47.29	138.22 9.23 -48.03	131.45 10.82 -24.89	132.54 11.24 -21.85	140.18 10.82 -45.51	237.38 15.34 -99.28	291.00 19.35 -121.74	219.95 17.70 -69.15	213.49 15.26 -88.41	209.95 15.16 -80.79	193.56 12.09 -95.11	193.31 12.00 -95.60	193.61 12.80 -89.34	211.29 12.35 -109.48	215.38 13.53 -105.24	267.52 13.01 -159.55	237.79 15.80 -106.69	254.33 13.29 -144.73	243.18 12.35 -142.64	206.05 12.48 -101.13	245.08 11.48 -150.47	172.27 11.40 -78.84	136.16 11.87 -38.86

FPL_FAR_ROCK_GT2 23815	168.08 9.59 -76.45	138.65 9.49 -47.29	138.22 9.23 -48.03	131.45 10.82 -24.89	132.54 11.24 -21.85	140.18 10.82 -45.51	237.38 15.34 -99.28	291.00 19.35 -121.74	219.95 17.70 -69.15	213.49 15.26 -88.41	209.95 15.16 -80.79	193.56 12.09 -95.11	193.31 12.00 -95.60	193.61 12.80 -89.34	211.29 12.35 -109.48	215.38 13.53 -105.24	267.52 13.01 -159.55	237.79 15.80 -106.69	254.33 13.29 -144.73	243.18 12.35 -142.64	206.05 12.48 -101.13	245.08 11.48 -150.47	172.27 11.40 -78.84	136.16 11.87 -38.86
FRANKLIN_FALL_HYD 24054	81.70 -0.33 0.00	81.70 -0.16 0.00	81.13 0.16 0.00	96.03 0.29 0.00	99.36 -0.10 0.00	83.27 -0.59 0.00	122.01 -0.74 0.00	149.47 -0.45 0.00	132.30 -0.80 0.00	108.39 -1.43 0.00	113.43 -0.57 0.00	85.50 -0.86 0.00	84.68 -1.03 0.00	90.18 -1.28 0.00	88.30 -1.16 0.00	95.08 -1.55 0.00	94.39 -0.57 0.00	114.61 -0.69 0.00	96.01 -0.29 0.00	87.31 -0.88 0.00	92.36 -0.09 0.00	83.05 -0.08 0.00	81.70 -0.33 0.00	85.35 -0.09 0.00
FREEPORT_EQUS_GT1 23764	145.33 8.45 -54.85	129.92 8.35 -39.71	128.76 8.10 -39.70	125.62 9.57 -20.30	126.59 9.95 -17.18	139.81 9.72 -46.23	181.50 13.50 -45.25	214.88 17.08 -47.88	176.27 15.70 -27.48	162.48 13.61 -39.05	156.65 13.33 -29.31	149.14 10.71 -52.07	148.25 10.28 -52.26	148.63 10.97 -46.20	159.85 10.91 -59.47	166.30 12.08 -57.60	196.65 11.29 -90.39	209.08 13.14 -80.64	203.13 11.07 -95.76	189.93 10.67 -91.07	170.97 10.72 -67.81	176.64 10.22 -83.28	145.61 10.25 -53.33	126.88 10.76 -30.68
FREEPORT___CT2 23818	145.33 8.45 -54.85	129.92 8.35 -39.71	128.76 8.10 -39.70	125.62 9.57 -20.30	126.59 9.95 -17.18	139.81 9.72 -46.23	181.50 13.50 -45.25	214.88 17.08 -47.88	176.27 15.70 -27.48	162.48 13.61 -39.05	156.65 13.33 -29.31	149.14 10.71 -52.07	148.25 10.28 -52.26	148.63 10.97 -46.20	159.85 10.91 -59.47	166.30 12.08 -57.60	196.65 11.29 -90.39	209.08 13.14 -80.64	203.13 11.07 -95.76	189.93 10.67 -91.07	170.97 10.72 -67.81	176.64 10.22 -83.28	145.61 10.25 -53.33	126.88 10.76 -30.68
FRESHKLS_33_KV_LOAD 356253	119.99 6.81 -31.15	116.99 7.29 -27.84	116.02 7.13 -27.92	116.30 8.43 -12.13	116.37 8.75 -8.15	117.19 8.72 -24.62	143.76 10.19 -10.82	169.06 13.34 -5.80	149.55 12.64 -3.81	218.14 11.42 -96.91	219.53 11.40 -94.13	198.80 9.15 -103.28	184.77 9.09 -89.97	165.64 9.69 -64.48	157.93 9.48 -58.99	237.01 10.34 -130.05	166.14 9.78 -61.40	292.84 11.65 -165.89	373.65 9.82 -267.53	318.83 9.17 -221.46	316.72 9.34 -214.93	224.74 8.81 -132.79	127.14 8.78 -36.33	119.12 9.14 -24.54
FULTON COGEN____ 23766	82.63 -1.89 -2.48	81.60 -1.96 -1.70	80.65 -2.02 -1.71	93.07 -2.68 0.00	96.78 -2.69 0.00	82.01 -1.84 0.00	120.05 -2.70 0.00	146.47 -3.45 0.00	129.77 -3.33 0.00	107.29 -2.53 0.00	111.04 -2.96 0.00	84.46 -1.90 0.00	83.91 -1.80 0.00	89.54 -1.92 0.00	87.58 -1.88 0.00	94.69 -1.93 0.00	92.96 -1.99 0.00	113.11 -2.19 0.00	94.37 -1.93 0.00	86.52 -1.68 0.00	90.23 -2.22 0.00	81.31 -1.83 0.00	80.14 -1.89 0.00	83.30 -2.14 0.00
FULTON___LFGE 323630	130.48 5.25 -43.20	116.59 5.16 -29.57	115.90 5.26 -29.68	101.75 5.94 -0.07	105.73 6.27 0.00	205.13 5.53 -115.74	200.18 8.84 -68.59	196.90 10.20 -36.78	165.55 8.65 -23.80	153.56 6.48 -37.26	119.48 5.47 0.00	92.33 3.97 -1.99	91.65 3.94 -1.99	124.09 4.57 -28.06	96.75 4.83 -2.45	130.62 6.28 -27.73	157.39 6.84 -55.59	196.54 8.65 -72.58	192.98 6.94 -89.75	194.86 6.62 -100.05	173.06 6.47 -74.14	151.47 5.90 -62.43	158.82 5.33 -71.46	154.36 5.04 -63.89
G.F.CEMENT___DRP 24184	128.00 5.99 -39.98	115.20 5.98 -27.37	114.42 5.99 -27.46	102.60 6.80 -0.06	106.62 7.16 0.00	208.02 6.46 -117.71	202.08 9.57 -69.75	198.87 11.54 -37.41	167.68 10.38 -24.21	156.72 8.79 -38.12	122.67 8.66 0.00	96.42 6.82 -3.24	95.47 6.51 -3.24	127.93 7.13 -29.34	100.66 7.34 -3.86	134.07 8.12 -29.34	161.36 7.98 -58.43	201.35 9.80 -76.24	197.76 7.90 -93.56	199.29 7.50 -103.60	176.56 7.49 -76.63	154.27 6.65 -64.49	161.85 6.23 -73.59	157.05 6.24 -65.38
GARDENVILLE___LBMP 24039	81.54 -5.82 -5.33	79.29 -6.22 -3.65	77.91 -6.72 -3.66	87.04 -8.71 -0.01	90.91 -8.55 0.00	80.86 -5.62 -2.62	114.97 -9.33 -1.55	135.16 -15.59 -0.83	119.66 -13.97 -0.54	99.68 -11.20 -1.06	101.92 -12.08 0.00	80.15 -7.43 -1.21	79.81 -7.11 -1.21	85.11 -8.14 -1.79	82.96 -7.87 -1.37	90.23 -8.12 -1.72	89.58 -8.45 -3.07	109.94 -9.34 -3.97	91.79 -8.76 -4.25	85.13 -7.14 -4.08	86.09 -9.24 -2.88	78.38 -7.15 -2.39	77.83 -6.73 -2.52	82.12 -6.07 -2.75
GARDNVLA_35_KV_LD 355827	81.82 -5.58 -5.37	79.48 -6.06 -3.67	78.10 -6.56 -3.69	87.42 -8.33 -0.01	91.31 -8.16 0.00	81.13 -5.37 -2.64	115.48 -8.84 -1.57	135.61 -15.14 -0.84	120.06 -13.58 -0.54	100.12 -10.76 -1.07	102.38 -11.63 0.00	80.42 -7.17 -1.22	80.08 -6.86 -1.22	85.49 -7.77 -1.81	83.32 -7.51 -1.38	90.63 -7.73 -1.74	89.88 -8.17 -3.09	110.43 -8.88 -4.00	92.11 -8.47 -4.28	85.42 -6.88 -4.11	86.38 -8.97 -2.90	78.56 -6.98 -2.41	78.01 -6.56 -2.54	82.48 -5.72 -2.78
GELCKHM___115KV_LOAD 80723	84.25 -0.90 -3.12	83.02 -0.98 -2.14	82.06 -1.05 -2.15	94.12 -1.63 0.00	97.87 -1.59 0.00	83.10 -0.75 0.00	121.52 -1.23 0.00	148.12 -1.80 0.00	131.36 -1.73 0.00	108.74 -1.21 -0.13	112.52 -1.48 0.00	86.28 -0.78 -0.69	85.72 -0.69 -0.69	91.09 -0.73 -0.36	89.52 -0.72 -0.78	96.59 -0.68 -0.65	95.27 -0.76 -1.07	115.87 -0.81 -1.38	96.93 -0.67 -1.31	88.73 -0.53 -1.07	92.05 -1.11 -0.71	82.96 -0.75 -0.58	81.66 -0.90 -0.53	84.41 -1.03 0.00
GENERAL___MILLS 23808	81.65 -5.74 -5.36	79.39 -6.14 -3.67	78.01 -6.64 -3.68	87.33 -8.43 -0.01	91.21 -8.26 0.00	81.04 -5.45 -2.64	115.35 -8.96 -1.56	135.31 -15.44 -0.84	119.93 -13.71 -0.54	99.90 -10.98 -1.07	102.15 -11.86 0.00	80.24 -7.34 -1.22	79.90 -7.03 -1.22	85.30 -7.96 -1.80	83.14 -7.69 -1.37	90.43 -7.92 -1.73	89.69 -8.36 -3.09	110.19 -9.11 -3.99	91.90 -8.67 -4.27	85.24 -7.06 -4.10	86.29 -9.06 -2.90	78.48 -7.07 -2.41	77.92 -6.64 -2.54	82.39 -5.81 -2.77
GE_PLASTICS___DRP 24183	123.93 3.45 -38.46	111.54 3.36 -26.32	110.71 3.32 -26.42	99.73 3.93 -0.06	103.54 4.08 0.00	135.58 3.52 -48.20	155.61 4.30 -28.57	170.18 4.95 -15.32	147.53 4.53 -9.91	129.99 4.50 -15.67	118.79 4.79 0.00	91.99 3.97 -1.65	91.23 3.86 -1.66	110.66 4.21 -14.99	95.26 3.85 -1.95	113.00 4.06 -12.32	122.91 3.51 -24.44	151.10 3.92 -31.88	138.60 3.37 -38.93	134.37 3.26 -42.91	127.29 3.14 -31.70	113.05 3.24 -26.67	115.92 3.53 -30.37	122.69 3.84 -33.41
GILBOA___1 23756	115.88 3.20 -30.65	105.95 3.11 -20.98	105.02 3.00 -21.06	99.33 3.54 -0.05	103.14 3.68 0.00	94.02 3.27 -6.90	131.13 4.29 -4.09	156.60 4.49 -2.19	138.77 4.26 -1.42	116.29 4.28 -2.20	118.33 4.33 0.00	89.91 3.54 0.00	89.23 3.52 0.00	100.49 3.75 -5.27	93.15 3.67 -0.01	102.13 3.96 -1.54	101.71 3.61 -3.14	123.21 3.80 -4.11	104.91 3.46 -5.15	97.44 3.44 -5.81	100.00 3.23 -4.32	90.10 3.33 -3.64	89.58 3.36 -4.19	101.40 3.50 -12.47
GILBOA___2 23757	115.88 3.20 -30.65	105.95 3.11 -20.98	105.02 3.00 -21.06	99.33 3.54 -0.05	103.14 3.68 0.00	94.02 3.27 -6.90	131.13 4.29 -4.09	156.60 4.49 -2.19	138.77 4.26 -1.42	116.29 4.28 -2.20	118.33 4.33 0.00	89.91 3.54 0.00	89.23 3.52 0.00	100.49 3.75 -5.27	93.15 3.67 -0.01	102.13 3.96 -1.54	101.71 3.61 -3.14	123.21 3.80 -4.11	104.91 3.46 -5.15	97.44 3.44 -5.81	100.00 3.23 -4.32	90.10 3.33 -3.64	89.58 3.36 -4.19	101.40 3.50 -12.47

GILBOA___3 23758	115.88 3.20 -30.65	105.95 3.11 -20.98	105.02 3.00 -21.06	99.33 3.54 -0.05	103.14 3.68 0.00	94.02 3.27 -6.90	131.13 4.29 -4.09	156.60 4.49 -2.19	138.77 4.26 -1.42	116.29 4.28 -2.20	118.33 4.33 0.00	89.91 3.54 0.00	89.23 3.52 0.00	100.49 3.75 -5.27	93.15 3.67 -0.01	102.13 3.96 -1.54	101.71 3.61 -3.14	123.21 3.80 -4.11	104.91 3.46 -5.15	97.44 3.44 -5.81	100.00 3.23 -4.32	90.10 3.33 -3.64	89.58 3.36 -4.19	101.40 3.50 -12.47
GILBOA___4 23759	115.88 3.20 -30.65	105.95 3.11 -20.98	105.02 3.00 -21.06	99.33 3.54 -0.05	103.14 3.68 0.00	94.02 3.27 -6.90	131.13 4.29 -4.09	156.60 4.49 -2.19	138.77 4.26 -1.42	116.29 4.28 -2.20	118.33 4.33 0.00	89.91 3.54 0.00	89.23 3.52 0.00	100.49 3.75 -5.27	93.15 3.67 -0.01	102.13 3.96 -1.54	101.71 3.61 -3.14	123.21 3.80 -4.11	104.91 3.46 -5.15	97.44 3.44 -5.81	100.00 3.23 -4.32	90.10 3.33 -3.64	89.58 3.36 -4.19	101.40 3.50 -12.47
GILBOA___ 23599	115.88 3.20 -30.65	105.95 3.11 -20.98	105.02 3.00 -21.06	99.33 3.54 -0.05	103.14 3.68 0.00	94.11 3.35 -6.90	131.14 4.30 -4.09	156.61 4.50 -2.19	138.77 4.26 -1.42	116.30 4.28 -2.20	118.34 4.33 0.00	89.90 3.54 0.00	89.23 3.51 0.00	100.48 3.75 -5.27	93.14 3.67 -0.01	102.13 3.96 -1.54	101.71 3.61 -3.14	123.22 3.81 -4.11	104.91 3.47 -5.15	97.44 3.44 -5.81	100.00 3.24 -4.32	90.10 3.33 -3.64	89.58 3.36 -4.19	101.40 3.50 -12.47
GINNA___ 23603	80.42 -5.50 -3.88	78.71 -5.81 -2.66	77.65 -5.99 -2.67	87.42 -8.33 -0.01	91.01 -8.45 0.00	77.65 -6.20 0.00	113.42 -9.33 0.00	138.07 -11.85 0.00	122.44 -10.65 0.00	101.41 -8.57 -0.16	104.43 -9.58 0.00	80.93 -6.30 -0.87	80.24 -6.34 -0.87	85.96 -6.77 -1.27	83.64 -6.80 -0.98	90.39 -7.05 -0.82	89.28 -7.03 -1.35	109.19 -7.84 -1.73	91.01 -6.93 -1.65	83.54 -6.00 -1.34	85.94 -7.40 -0.89	77.63 -6.24 -0.73	76.39 -6.31 -0.67	80.45 -6.92 -1.94
GLEN PARK___ 23778	87.60 4.18 -1.39	86.74 3.93 -0.95	85.48 3.56 -0.95	99.29 3.54 0.00	103.83 4.37 0.00	87.71 3.86 0.00	128.64 5.89 0.00	158.31 8.39 0.00	139.09 5.99 0.00	113.66 3.84 0.00	118.10 4.10 0.00	89.21 2.85 0.00	88.46 2.74 0.00	95.39 3.93 0.00	93.93 4.47 0.00	101.84 5.21 0.00	101.13 6.17 0.00	124.18 8.88 0.00	103.43 7.13 0.00	93.93 5.73 0.00	98.09 5.64 0.00	87.87 4.74 0.00	85.72 3.69 0.00	88.68 3.25 0.00
GLENDALE_27_KV_LOAD 356172	120.49 7.30 -31.15	110.31 7.12 -21.33	109.25 6.88 -21.40	103.94 8.14 -0.06	107.92 8.45 -0.01	110.76 8.64 -18.27	144.37 10.80 -10.82	170.11 14.39 -5.80	150.43 13.58 -3.76	145.15 12.19 -23.15	139.69 12.31 -13.37	134.52 9.85 -38.32	131.92 9.77 -36.43	129.61 10.43 -27.73	134.54 10.11 -34.96	137.48 10.92 -29.94	157.87 10.45 -52.47	193.54 12.45 -65.78	172.53 10.40 -65.83	155.86 9.70 -57.96	141.99 9.80 -39.74	125.05 9.23 -32.68	124.21 9.27 -32.91	113.62 9.74 -18.45
GLENWOOD_IC_1_G5 23712	136.81 7.55 -47.23	123.12 7.45 -33.81	122.00 7.21 -33.82	118.08 8.52 -13.82	119.99 8.85 -11.68	130.05 8.89 -37.31	168.04 11.17 -34.12	198.41 14.24 -34.26	166.20 13.31 -19.80	151.51 11.75 -29.95	145.57 11.74 -19.82	139.91 9.41 -44.14	139.32 9.34 -44.27	139.67 9.97 -38.24	149.38 9.66 -50.25	155.80 10.53 -48.65	182.57 9.97 -77.64	203.13 11.99 -75.83	192.40 10.02 -86.08	177.92 9.35 -80.37	160.64 9.43 -58.77	158.91 8.81 -66.96	137.87 9.27 -46.57	121.61 9.74 -26.44
GLENWOOD_IC_2_G1 23688	127.26 6.97 -38.26	115.13 6.88 -26.39	114.09 6.64 -26.48	109.04 7.85 -5.45	112.24 8.16 -4.62	117.37 8.13 -25.38	155.91 10.92 -22.24	184.15 14.09 -20.14	157.99 13.05 -11.84	141.86 11.53 -20.52	135.50 11.51 -9.99	131.52 9.25 -35.91	130.87 9.18 -35.98	131.25 9.79 -30.00	139.64 9.48 -40.70	146.29 10.34 -39.32	169.26 9.88 -64.43	197.92 11.77 -70.85	181.99 9.83 -75.87	166.39 9.26 -68.93	150.32 9.33 -48.54	140.74 8.73 -48.88	129.68 8.69 -38.95	115.81 9.15 -21.23
GLENWOOD_IC_3_G1 23689	127.26 6.97 -38.26	115.13 6.88 -26.39	114.09 6.64 -26.48	109.04 7.85 -5.45	112.24 8.16 -4.62	117.37 8.13 -25.38	155.91 10.92 -22.24	184.15 14.09 -20.14	157.99 13.05 -11.84	141.86 11.53 -20.52	135.50 11.51 -9.99	131.52 9.25 -35.91	130.87 9.18 -35.98	131.25 9.79 -30.00	139.64 9.48 -40.70	146.29 10.34 -39.32	169.26 9.88 -64.43	197.92 11.77 -70.85	181.99 9.83 -75.87	166.39 9.26 -68.93	150.32 9.33 -48.54	140.74 8.73 -48.88	129.68 8.69 -38.95	115.81 9.15 -21.23
GLENWOOD___4 23550	136.81 7.55 -47.23	123.12 7.45 -33.81	122.00 7.21 -33.82	118.08 8.52 -13.82	119.99 8.85 -11.68	130.05 8.89 -37.31	168.28 11.42 -34.12	198.86 14.69 -34.26	166.60 13.71 -19.80	151.73 11.97 -29.95	145.91 12.08 -19.82	140.17 9.67 -44.14	139.58 9.60 -44.27	139.95 10.24 -38.24	149.65 9.93 -50.25	155.99 10.72 -48.65	182.86 10.26 -77.64	203.36 12.22 -75.83	192.68 10.30 -86.08	178.18 9.61 -80.37	160.83 9.61 -58.77	159.07 8.98 -66.96	137.87 9.27 -46.57	121.61 9.74 -26.44
GLENWOOD___5 23614	136.81 7.55 -47.23	123.12 7.45 -33.81	122.00 7.21 -33.82	118.08 8.52 -13.82	119.99 8.85 -11.68	130.05 8.89 -37.31	168.28 11.42 -34.12	198.86 14.69 -34.26	166.60 13.71 -19.80	151.73 11.97 -29.95	145.91 12.08 -19.82	140.17 9.67 -44.14	139.58 9.60 -44.27	139.95 10.24 -38.24	149.65 9.93 -50.25	155.99 10.72 -48.65	182.86 10.26 -77.64	203.36 12.22 -75.83	192.68 10.30 -86.08	178.18 9.61 -80.37	160.83 9.61 -58.77	159.07 8.98 -66.96	137.87 9.27 -46.57	121.61 9.74 -26.44
GLOBAL GREEN_PORT_GT1 23814	139.90 10.59 -47.29	131.03 10.56 -38.61	129.53 10.52 -38.04	130.20 12.64 -21.82	130.59 13.23 -17.90	149.85 12.57 -53.42	162.47 19.39 -20.33	186.98 24.45 -12.62	160.79 20.10 -7.59	142.21 16.90 -15.48	134.36 15.62 -4.74	130.59 12.70 -31.53	129.71 12.42 -31.57	130.78 13.71 -25.60	138.40 13.33 -35.60	147.26 15.65 -34.98	168.68 16.34 -57.38	203.81 20.30 -68.20	185.82 16.66 -72.86	171.08 15.53 -67.35	161.89 15.35 -54.09	150.79 13.47 -54.18	137.94 13.21 -42.70	128.37 14.09 -28.85
GLOBE___DSASP 323697	79.35 -7.63 -4.95	77.31 -7.94 -3.39	76.03 -8.34 -3.40	84.26 -11.49 -0.01	87.92 -11.54 0.00	75.55 -8.30 0.00	109.37 -13.38 0.00	129.83 -20.09 0.00	115.13 -17.97 0.00	95.64 -14.39 -0.21	98.50 -15.50 0.00	77.47 -10.02 -1.12	77.15 -9.69 -1.12	81.95 -11.16 -1.65	79.99 -10.74 -1.26	86.47 -11.21 -1.05	84.92 -11.77 -1.74	104.28 -13.26 -2.23	86.29 -12.13 -2.12	79.78 -10.14 -1.73	81.49 -12.11 -1.15	74.18 -9.89 -0.94	73.62 -9.27 -0.86	78.83 -9.14 -2.54
GOETHSLN___LBMP 323567	119.08 5.91 -31.14	108.76 5.81 -21.09	107.72 5.59 -21.17	101.96 6.61 0.39	106.04 6.86 0.29	109.19 7.30 -18.04	142.78 9.21 -10.82	166.06 12.29 -3.85	146.32 11.71 -1.51	104.13 10.54 16.23	118.93 10.49 5.57	118.90 8.46 -24.07	118.81 8.40 -24.69	118.90 8.96 -18.48	118.90 8.68 -20.76	119.66 9.37 -13.66	120.56 8.83 -16.77	154.42 10.49 -28.62	133.79 8.76 -28.73	126.67 8.29 -30.18	119.91 8.32 -19.14	118.89 7.81 -27.94	122.33 7.96 -32.35	111.25 8.37 -17.45
GOLAH___69_KV_TB 1_2 80279	83.71 -2.38 -4.06	81.94 -2.70 -2.78	80.76 -3.00 -2.79	90.58 -5.17 -0.01	94.49 -4.97 0.00	80.75 -3.10 0.00	117.47 -5.28 0.00	141.82 -8.10 0.00	125.77 -7.32 0.00	104.06 -5.93 -0.17	107.16 -6.84 0.00	83.04 -4.23 -0.91	82.51 -4.11 -0.91	88.13 -4.66 -1.33	85.83 -4.65 -1.02	92.84 -4.64 -0.85	91.62 -4.75 -1.41	112.16 -4.96 -1.81	93.40 -4.62 -1.72	85.90 -3.70 -1.41	88.21 -5.18 -0.93	79.74 -4.16 -0.76	78.55 -4.18 -0.70	83.36 -4.10 -2.03

GOODYEAR_LAKE_HYD 323669	95.60 3.69 -9.88	92.23 3.60 -6.76	91.16 3.40 -6.79	99.59 3.83 -0.02	103.74 4.28 0.00	124.64 4.36 -36.43	150.72 6.38 -21.59	168.84 7.35 -11.58	146.98 6.39 -7.49	127.41 5.38 -12.22	119.02 5.02 0.00	93.68 4.06 -3.26	93.09 4.11 -3.26	107.55 4.57 -11.52	97.67 4.47 -3.73	113.04 5.22 -11.20	121.86 5.32 -21.58	149.86 6.46 -28.10	134.74 5.20 -33.24	128.62 4.85 -35.57	123.12 4.62 -26.05	109.32 4.32 -21.86	110.58 4.02 -24.53	112.78 4.10 -23.25
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	92.88 0.49 -10.36	89.20 0.25 -7.09	88.16 0.08 -7.12	95.85 0.10 -0.02	99.76 0.30 0.00	90.57 1.09 -5.63	127.43 1.35 -3.33	152.00 0.30 -1.79	134.38 0.13 -1.16	112.39 0.33 -2.24	114.00 0.00 0.00	89.38 0.60 -2.41	88.81 0.69 -2.41	95.81 0.64 -3.71	92.90 0.72 -2.72	101.11 0.97 -3.52	102.11 0.85 -6.29	124.61 1.15 -8.15	105.92 0.87 -8.76	97.62 0.97 -8.45	98.72 0.28 -5.99	88.78 0.67 -4.98	87.87 0.57 -5.27	92.20 0.94 -5.82
GOUDEY___7 23579	92.88 0.49 -10.36	89.20 0.25 -7.09	88.16 0.08 -7.12	95.85 0.10 -0.02	99.76 0.30 0.00	90.57 1.09 -5.63	127.43 1.35 -3.33	152.00 0.30 -1.79	134.38 0.13 -1.16	112.39 0.33 -2.24	114.00 0.00 0.00	89.38 0.60 -2.41	88.81 0.69 -2.41	95.81 0.64 -3.71	92.90 0.72 -2.72	101.11 0.97 -3.52	102.11 0.85 -6.29	124.61 1.15 -8.15	105.92 0.87 -8.76	97.62 0.97 -8.45	98.72 0.28 -5.99	88.78 0.67 -4.98	87.87 0.57 -5.27	92.20 0.94 -5.82
GOUDEY___8 23580	92.88 0.49 -10.36	89.20 0.25 -7.09	88.16 0.08 -7.12	95.85 0.10 -0.02	99.76 0.30 0.00	90.57 1.09 -5.63	127.43 1.35 -3.33	152.00 0.30 -1.79	134.38 0.13 -1.16	112.39 0.33 -2.24	114.00 0.00 0.00	89.38 0.60 -2.41	88.81 0.69 -2.41	95.81 0.64 -3.71	92.90 0.72 -2.72	101.11 0.97 -3.52	102.11 0.85 -6.29	124.61 1.15 -8.15	105.92 0.87 -8.76	97.62 0.97 -8.45	98.72 0.28 -5.99	88.78 0.67 -4.98	87.87 0.57 -5.27	92.20 0.94 -5.82
GOWANUS_GT1_1 24077	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT1_2 24078	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT1_3 24079	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT1_4 24080	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT1_5 24084	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT1_6 24111	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT1_7 24112	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT1_8 24113	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT2_1 24114	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT2_2 24115	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT2_3 24116	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54

GOWANUS_GT2_4 24117	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT2_5 24118	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT2_6 24119	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT2_7 24120	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT2_8 24121	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_1 24122	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_2 24123	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_3 24124	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_4 24125	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_5 24126	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_6 24127	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_7 24128	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT3_8 24129	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT4_1 24130	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT4_2 24131	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54

GOWANUS_GT4_3 24132	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT4_4 24133	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT4_5 24134	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT4_6 24135	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT4_7 24136	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GOWANUS_GT4_8 24137	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GREENBSH_115KV_TB3 55895	124.28 3.61 -38.64	111.91 3.60 -26.45	111.08 3.56 -26.55	100.02 4.21 -0.06	103.74 4.28 0.00	152.19 4.11 -64.23	165.72 4.91 -38.06	175.88 5.55 -20.41	151.49 5.19 -13.21	136.22 5.16 -21.24	119.70 5.70 0.00	95.18 4.66 -4.15	94.41 4.54 -4.16	115.65 4.85 -19.34	98.63 4.38 -4.79	119.31 4.44 -18.25	134.25 3.70 -35.58	165.82 4.15 -46.37	155.52 3.66 -55.56	151.91 3.53 -60.19	140.10 3.42 -44.24	123.79 3.49 -37.16	128.01 4.02 -41.96	130.52 4.44 -40.65
GREENIDGE_115KV_TB5 80291	87.75 -0.82 -6.54	85.44 -0.90 -4.48	84.33 -1.13 -4.49	93.17 -2.59 -0.01	97.17 -2.29 0.00	87.19 0.08 -3.25	122.96 -1.72 -1.93	147.65 -3.30 -1.03	130.17 -3.59 -0.67	109.04 -2.09 -1.32	110.36 -3.65 0.00	87.17 -0.69 -1.50	86.61 -0.60 -1.50	92.68 -1.01 -2.23	90.35 -0.81 -1.69	98.17 -0.58 -2.13	97.81 -0.95 -3.80	118.95 -1.27 -4.92	101.37 -0.19 -5.26	93.33 0.09 -5.05	94.63 -1.39 -3.57	85.93 -0.17 -2.97	84.66 -0.49 -3.13	88.19 -0.68 -3.44
GREENIDGE___3 23582	87.75 -0.82 -6.54	85.44 -0.90 -4.48	84.33 -1.13 -4.49	93.17 -2.59 -0.01	97.17 -2.29 0.00	87.19 0.08 -3.25	122.96 -1.72 -1.93	147.65 -3.30 -1.03	130.17 -3.59 -0.67	109.04 -2.09 -1.32	110.36 -3.65 0.00	87.17 -0.69 -1.50	86.61 -0.60 -1.50	92.68 -1.01 -2.23	90.35 -0.81 -1.69	98.17 -0.58 -2.13	97.81 -0.95 -3.80	118.95 -1.27 -4.92	101.37 -0.19 -5.26	93.33 0.09 -5.05	94.63 -1.39 -3.57	85.93 -0.17 -2.97	84.66 -0.49 -3.13	88.19 -0.68 -3.44
GREENIDGE___4 23583	87.75 -0.82 -6.54	85.44 -0.90 -4.48	84.33 -1.13 -4.49	93.17 -2.58 -0.01	96.38 -3.08 0.00	87.19 0.08 -3.25	122.96 -1.72 -1.93	147.51 -3.44 -1.03	130.18 -3.59 -0.67	109.49 -1.64 -1.32	110.35 -3.65 0.00	87.17 -0.69 -1.50	86.62 -0.60 -1.50	92.69 -1.00 -2.23	90.34 -0.81 -1.69	98.18 -0.58 -2.13	97.81 -0.95 -3.80	118.96 -1.27 -4.92	101.37 -0.19 -5.26	93.33 0.09 -5.05	94.63 -1.38 -3.57	85.93 -0.17 -2.97	84.67 -0.49 -3.13	88.19 -0.69 -3.44
GREENLWN_69_KV_BK 3 55738	137.72 8.29 -47.41	128.56 8.19 -38.52	126.88 7.93 -37.98	126.73 9.38 -21.60	126.95 9.75 -17.74	146.41 9.64 -52.92	156.22 12.40 -21.07	179.07 15.44 -13.72	156.08 14.77 -8.21	139.32 13.29 -16.22	132.51 13.00 -5.51	129.07 10.54 -32.17	128.30 10.37 -32.21	128.77 11.07 -26.24	136.54 10.74 -36.35	143.99 11.69 -35.68	163.81 10.45 -58.41	196.46 12.57 -68.59	180.45 10.59 -73.55	166.13 9.88 -68.06	156.96 10.08 -54.43	148.08 9.98 -54.97	135.01 10.01 -42.97	124.76 10.51 -28.82
GREENWD_138_KV_38B11_REV_LBMP_J 345004	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
GRISSOM___SOLAR 323813	130.10 5.25 -42.81	116.32 5.16 -29.30	115.56 5.19 -29.41	101.65 5.84 -0.07	105.73 6.27 0.00	206.87 5.45 -117.57	201.01 8.59 -69.67	197.33 10.05 -37.37	165.80 8.53 -24.18	154.13 6.48 -37.84	119.70 5.70 0.00	92.55 4.23 -1.96	91.87 4.20 -1.96	124.65 4.75 -28.44	96.90 5.01 -2.43	131.00 6.28 -28.11	157.98 6.64 -56.38	197.32 8.41 -73.61	194.09 6.74 -91.05	196.16 6.43 -101.53	174.07 6.37 -75.25	152.32 5.82 -63.37	159.83 5.25 -72.54	155.30 5.04 -64.83
GROVEVILLE___HYD 323602	119.85 6.73 -31.10	109.70 6.55 -21.29	108.65 6.32 -21.36	103.35 7.56 -0.05	107.22 7.76 0.00	111.00 8.22 -18.93	145.01 11.05 -11.22	169.72 13.79 -6.02	149.37 12.38 -3.89	131.36 10.54 -11.00	124.49 10.49 0.00	121.41 8.29 -26.75	120.71 8.23 -26.77	121.48 8.69 -21.33	128.14 8.59 -30.09	135.32 9.37 -29.33	154.32 9.31 -50.05	191.06 11.18 -64.58	170.44 9.34 -64.80	154.10 8.64 -57.26	140.55 8.78 -39.32	123.63 8.15 -32.35	122.27 8.12 -32.12	111.55 8.37 -17.74
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	85.53 -0.08 -3.58	84.15 -0.16 -2.45	83.10 -0.32 -2.46	95.08 -0.67 -0.01	98.87 -0.60 0.00	84.02 0.17 0.00	122.87 0.12 0.00	149.92 0.00 0.00	132.83 -0.27 0.00	109.96 0.00 -0.15	113.66 -0.34 0.00	87.33 0.17 -0.80	86.68 0.17 -0.80	92.15 0.27 -0.41	90.63 0.27 -0.90	97.76 0.39 -0.75	96.48 0.28 -1.24	117.47 0.58 -1.59	98.20 0.39 -1.51	89.96 0.53 -1.23	93.17 -0.09 -0.82	83.97 0.17 -0.67	82.65 0.00 -0.62	85.35 -0.09 0.00

HAMLTNNY_34_KV_TB 80303	86.25 0.33 -3.89	84.69 0.16 -2.66	83.64 0.00 -2.67	95.37 -0.38 -0.01	99.26 -0.20 0.00	84.44 0.59 0.00	123.49 0.74 0.00	150.52 0.60 0.00	133.36 0.27 0.00	110.42 0.44 -0.16	114.00 0.00 0.00	87.75 0.52 -0.87	87.19 0.60 -0.87	93.37 0.64 -1.27	91.07 0.63 -0.98	98.31 0.87 -0.82	96.97 0.66 -1.35	118.19 1.15 -1.74	98.91 0.96 -1.65	90.51 0.97 -1.35	93.71 0.37 -0.89	84.45 0.58 -0.73	83.11 0.41 -0.67	87.72 0.34 -1.94
HAMPSHIRE___PAPER_HYD 323593	82.76 0.00 -0.73	82.28 -0.08 -0.50	81.55 0.08 -0.50	95.55 -0.19 0.00	99.16 -0.30 0.00	82.93 -0.92 0.00	120.66 -2.09 0.00	148.27 -1.65 0.00	130.96 -2.13 0.00	107.18 -2.64 0.00	112.30 -1.71 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	90.09 -1.37 0.00	88.39 -1.07 0.00	95.07 -1.55 0.00	94.01 -0.95 0.00	114.85 -0.46 0.00	95.92 -0.38 0.00	87.05 -1.15 0.00	91.70 -0.74 0.00	82.64 -0.50 0.00	81.46 -0.57 0.00	84.74 -0.69 0.00
HARDSCRABBLE_WT_PWR 323673	86.13 4.10 0.00	85.87 4.01 0.00	84.85 3.89 0.00	100.15 4.41 0.00	104.24 4.77 0.00	88.13 4.27 0.00	129.01 6.26 0.00	156.96 7.05 0.00	139.35 6.26 0.00	115.20 5.38 0.00	119.59 5.58 0.00	90.85 4.49 0.00	90.17 4.45 0.00	96.21 4.75 0.00	94.11 4.65 0.00	101.55 4.93 0.00	99.80 4.84 0.00	121.07 5.76 0.00	100.92 4.62 0.00	92.52 4.32 0.00	96.70 4.25 0.00	87.29 4.16 0.00	86.13 4.10 0.00	89.79 4.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	116.44 5.33 -29.08	107.01 5.24 -19.91	106.05 5.10 -19.98	101.82 6.03 -0.05	105.63 6.17 0.00	107.34 6.62 -16.86	141.46 8.72 -9.99	166.37 11.09 -5.36	146.68 10.12 -3.47	128.65 8.90 -9.94	122.78 8.78 0.00	118.04 7.08 -24.59	117.34 7.03 -24.60	118.54 7.50 -19.58	124.37 7.25 -27.66	131.38 7.92 -26.84	148.51 7.79 -45.76	183.68 9.34 -59.04	163.26 7.80 -59.16	147.62 7.23 -52.19	135.56 7.30 -35.81	119.41 6.82 -29.45	118.05 6.81 -29.21	108.67 7.01 -16.23
HARSNRAD_115KV_TB1 81005	79.93 -6.97 -4.87	77.83 -7.37 -3.33	76.54 -7.77 -3.35	84.74 -11.01 -0.01	88.52 -10.94 0.00	76.06 -7.80 0.00	110.23 -12.52 0.00	131.03 -18.89 0.00	116.06 -17.04 0.00	96.40 -13.62 -0.20	99.30 -14.71 0.00	77.97 -9.50 -1.10	77.65 -9.17 -1.10	82.75 -10.33 -1.63	80.59 -10.11 -1.24	87.22 -10.44 -1.04	85.84 -10.83 -1.71	105.28 -12.22 -2.20	87.31 -11.07 -2.09	80.64 -9.26 -1.70	82.21 -11.37 -1.13	75.24 -8.81 -0.92	74.51 -8.37 -0.85	79.81 -8.12 -2.49
HARZA MOOSE___RIVER 24016	85.66 2.62 -1.00	85.00 2.46 -0.69	84.00 2.35 -0.69	98.14 2.39 0.00	102.25 2.78 0.00	86.20 2.35 0.00	125.57 2.82 0.00	153.81 3.90 0.00	135.89 2.79 0.00	111.68 1.87 0.00	116.06 2.05 0.00	87.92 1.55 0.00	87.17 1.46 0.00	93.56 2.10 0.00	91.79 2.33 0.00	99.42 2.80 0.00	98.09 3.13 0.00	119.92 4.61 0.00	100.06 3.76 0.00	91.02 2.82 0.00	95.13 2.68 0.00	85.46 2.33 0.00	83.92 1.89 0.00	87.05 1.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	84.28 -0.90 -3.16	83.04 -0.98 -2.16	82.00 -1.13 -2.17	94.02 -1.72 0.00	97.87 -1.59 0.00	83.10 -0.75 0.00	121.52 -1.23 0.00	148.12 -1.80 0.00	131.36 -1.73 0.00	108.74 -1.21 -0.13	112.52 -1.48 0.00	86.28 -0.78 -0.70	85.73 -0.69 -0.70	91.09 -0.73 -0.36	89.53 -0.72 -0.78	96.60 -0.68 -0.65	95.28 -0.76 -1.08	115.89 -0.81 -1.39	96.95 -0.67 -1.32	88.74 -0.53 -1.08	92.05 -1.11 -0.72	82.97 -0.75 -0.58	81.67 -0.90 -0.54	84.41 -1.03 0.00
HELLGATE_13_KV_LD 55870	120.16 6.97 -31.15	110.06 6.88 -21.33	108.93 6.56 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.76 10.19 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.08 9.66 -34.96	136.99 10.44 -29.94	157.30 9.88 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.33 9.17 -57.96	141.52 9.34 -39.74	124.63 8.81 -32.68	123.88 8.94 -32.91	113.19 9.31 -18.45
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	120.16 6.97 -31.15	110.06 6.88 -21.33	108.93 6.56 -21.40	103.55 7.76 -0.06	107.53 8.06 -0.01	110.43 8.30 -18.27	143.76 10.19 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.60 11.64 -23.14	138.99 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.08 9.66 -34.96	136.99 10.44 -29.94	157.30 9.88 -52.47	192.85 11.76 -65.78	171.95 9.82 -65.83	155.33 9.17 -57.96	141.52 9.34 -39.74	124.63 8.81 -32.68	123.88 8.94 -32.91	113.19 9.31 -18.45
HEMPSTEAD____ 23647	140.26 7.80 -50.43	126.60 7.78 -36.96	125.41 7.53 -36.91	122.04 8.80 -17.49	123.35 9.14 -14.75	135.67 9.06 -42.76	172.35 12.27 -37.33	203.19 15.59 -37.68	169.34 14.51 -21.73	154.68 12.62 -32.23	148.75 12.54 -22.21	142.51 10.01 -46.13	141.84 9.85 -46.27	142.22 10.51 -40.24	152.32 10.28 -52.57	158.78 11.20 -50.96	186.44 10.63 -80.85	205.03 12.68 -77.04	195.73 10.69 -88.74	181.73 10.05 -83.48	164.59 10.08 -62.07	164.98 9.39 -72.46	140.62 9.59 -49.00	123.90 9.99 -28.48
HEWLETT_69_KV_BK3 55828	167.02 8.53 -76.45	137.59 8.43 -47.29	137.17 8.18 -48.03	130.30 9.67 -24.89	131.35 10.05 -21.85	139.25 9.89 -45.51	235.54 13.50 -99.28	288.59 16.94 -121.74	217.95 15.71 -69.15	211.96 13.73 -88.41	208.36 13.57 -80.79	192.26 10.80 -95.11	192.02 10.71 -95.60	192.24 11.43 -89.34	210.03 11.09 -109.48	214.03 12.17 -105.24	266.10 11.58 -159.55	235.94 13.95 -106.69	252.68 11.65 -144.73	241.86 11.02 -142.64	204.67 11.09 -101.13	243.92 10.31 -150.47	171.12 10.25 -78.84	135.05 10.76 -38.86
HICKLING___1 23621	90.16 -0.16 -8.29	87.13 -0.41 -5.68	85.94 -0.73 -5.70	94.80 -0.96 -0.01	98.77 -0.70 0.00	88.86 0.84 -4.16	125.83 0.61 -2.47	149.89 -1.35 -1.32	132.35 -1.60 -0.86	110.40 -1.10 -1.68	112.29 -1.71 0.00	88.10 -0.17 -1.91	87.54 -0.09 -1.91	94.14 -0.18 -2.86	91.62 0.00 -2.16	99.64 0.29 -2.72	99.81 0.00 -4.85	122.05 0.46 -6.28	103.22 0.19 -6.72	95.09 0.44 -6.45	96.37 -0.65 -4.56	87.01 0.08 -3.79	85.95 -0.08 -4.00	90.29 0.43 -4.43
HICKLING___2 23622	90.16 -0.16 -8.29	87.13 -0.41 -5.68	85.94 -0.73 -5.70	94.80 -0.96 -0.01	98.77 -0.70 0.00	88.86 0.84 -4.16	125.83 0.61 -2.47	149.89 -1.35 -1.32	132.35 -1.60 -0.86	110.40 -1.10 -1.68	112.29 -1.71 0.00	88.10 -0.17 -1.91	87.54 -0.09 -1.91	94.14 -0.18 -2.86	91.62 0.00 -2.16	99.64 0.29 -2.72	99.81 0.00 -4.85	122.05 0.46 -6.28	103.22 0.19 -6.72	95.09 0.44 -6.45	96.37 -0.65 -4.56	87.01 0.08 -3.79	85.95 -0.08 -4.00	90.29 0.43 -4.43
HIGH FALLS___HY 23754	120.44 7.63 -30.78	110.38 7.45 -21.07	109.24 7.13 -21.15	104.02 8.23 -0.05	107.92 8.45 0.00	116.01 9.48 -22.68	149.20 13.01 -13.44	173.32 16.19 -7.21	152.00 14.24 -4.66	132.67 11.64 -11.21	125.18 11.17 0.00	116.28 8.46 -21.45	115.66 8.49 -21.46	119.72 8.96 -19.29	122.55 8.95 -24.14	131.77 9.95 -25.20	148.75 10.26 -43.54	184.10 12.57 -56.23	164.33 10.50 -57.53	150.01 9.61 -52.20	138.35 9.71 -36.20	121.99 8.98 -29.87	121.17 8.86 -30.28	114.14 9.31 -19.39
HIGH_RIVER___SOLAR 323847	127.46 4.02 -41.41	114.14 3.93 -28.35	113.30 3.89 -28.45	100.21 4.41 -0.06	104.14 4.68 0.00	212.10 4.11 -124.14	202.45 6.13 -73.57	196.57 7.20 -39.45	164.75 6.13 -25.53	154.34 4.61 -39.91	117.99 3.99 0.00	91.32 3.10 -1.86	90.57 3.00 -1.86	124.66 3.39 -29.81	95.37 3.58 -2.32	130.74 4.64 -29.48	159.09 4.93 -59.20	198.70 6.11 -77.29	197.03 5.00 -95.73	199.83 4.76 -106.87	176.39 4.71 -79.23	154.18 4.32 -66.73	162.48 4.02 -76.43	157.64 4.02 -68.19

HILLBURN___GT 23639	116.68 5.17 -29.48	107.12 5.08 -20.18	106.16 4.94 -20.25	101.63 5.84 -0.05	105.53 6.07 0.00	107.27 6.29 -17.13	141.25 8.35 -10.15	166.16 10.80 -5.44	146.73 10.11 -3.52	128.84 8.89 -10.13	122.90 8.90 0.00	118.70 7.16 -25.18	118.10 7.20 -25.19	119.02 7.59 -19.98	125.11 7.34 -28.31	132.08 8.02 -27.45	149.43 7.69 -46.79	184.77 9.11 -60.36	164.48 7.71 -60.47	148.75 7.23 -53.32	136.24 7.22 -36.58	120.04 6.82 -30.08	118.66 6.80 -29.82	108.98 7.09 -16.46
HILLSIDE_115KV_TB1 80332	89.62 -0.98 -8.57	86.50 -1.23 -5.87	85.40 -1.46 -5.89	94.03 -1.72 -0.01	97.97 -1.49 0.00	88.08 -0.08 -4.31	124.69 -0.61 -2.56	148.44 -2.85 -1.37	131.05 -2.93 -0.89	109.47 -2.09 -1.74	111.27 -2.74 0.00	87.30 -1.04 -1.98	86.75 -0.94 -1.98	93.33 -1.10 -2.97	90.71 -0.98 -2.23	98.57 -0.87 -2.82	98.94 -1.04 -5.02	120.89 -0.92 -6.50	102.30 -0.96 -6.96	94.35 -0.53 -6.68	95.51 -1.66 -4.73	86.23 -0.83 -3.93	85.19 -0.98 -4.14	89.68 -0.34 -4.59
HISHELDN_WT_PWR 323625	82.66 -5.17 -5.80	80.18 -5.65 -3.97	78.72 -6.23 -3.98	87.52 -8.23 -0.01	91.31 -8.15 0.00	81.43 -5.28 -2.86	115.73 -8.71 -1.70	136.29 -14.54 -0.91	120.50 -13.18 -0.59	100.54 -10.44 -1.16	102.60 -11.40 0.00	80.61 -7.08 -1.32	80.35 -6.69 -1.32	85.92 -7.50 -1.96	83.79 -7.16 -1.49	91.35 -7.15 -1.88	90.80 -7.50 -3.35	111.45 -8.18 -4.33	93.23 -7.71 -4.64	86.29 -6.35 -4.45	87.46 -8.14 -3.15	79.51 -6.24 -2.61	78.96 -5.82 -2.75	83.07 -5.38 -3.02
HOLTSVILLE_IC_1 23690	138.56 9.27 -47.27	129.64 9.17 -38.61	127.92 8.91 -38.04	128.20 10.63 -21.83	128.41 11.04 -17.91	147.88 10.57 -53.46	158.34 15.34 -20.25	181.90 19.48 -12.50	157.39 16.77 -7.53	139.39 14.17 -15.41	132.34 13.67 -4.66	128.97 11.15 -31.46	128.10 10.89 -31.50	128.70 11.71 -25.53	136.44 11.45 -35.52	144.57 13.04 -34.91	165.24 13.01 -57.27	199.14 15.68 -68.16	182.18 13.09 -72.79	167.82 12.35 -67.28	158.89 12.39 -54.05	148.37 11.14 -54.09	135.86 11.15 -42.67	125.90 11.62 -28.85
HOLTSVILLE_IC_10 23699	139.22 9.84 -47.35	130.12 9.65 -38.60	128.48 9.47 -38.04	128.71 11.20 -21.78	129.06 11.73 -17.87	148.31 11.15 -53.30	159.66 16.33 -20.59	183.60 20.70 -12.99	158.19 17.29 -7.80	140.16 14.61 -15.73	133.14 14.13 -5.00	129.85 11.74 -31.74	128.99 11.49 -31.78	129.62 12.34 -25.82	137.31 11.99 -35.85	145.56 13.71 -35.22	166.55 13.86 -57.73	200.35 16.71 -68.33	183.36 13.96 -73.10	168.94 13.14 -67.60	159.89 13.22 -54.22	149.41 11.80 -54.47	136.57 11.73 -42.81	126.50 12.22 -28.86
HOLTSVILLE_IC_2 23691	138.56 9.27 -47.27	129.64 9.17 -38.61	127.92 8.91 -38.04	128.20 10.63 -21.83	128.41 11.04 -17.91	147.88 10.57 -53.46	158.34 15.34 -20.25	181.90 19.48 -12.50	157.39 16.77 -7.53	139.39 14.17 -15.41	132.34 13.67 -4.66	128.97 11.15 -31.46	128.10 10.89 -31.50	128.70 11.71 -25.53	136.44 11.45 -35.52	144.57 13.04 -34.91	165.24 13.01 -57.27	199.14 15.68 -68.16	182.18 13.09 -72.79	167.82 12.35 -67.28	158.89 12.39 -54.05	148.37 11.14 -54.09	135.86 11.15 -42.67	125.90 11.62 -28.85
HOLTSVILLE_IC_3 23692	138.56 9.27 -47.27	129.64 9.17 -38.61	127.92 8.91 -38.04	128.20 10.63 -21.83	128.41 11.04 -17.91	147.88 10.57 -53.46	158.34 15.34 -20.25	181.90 19.48 -12.50	157.39 16.77 -7.53	139.39 14.17 -15.41	132.34 13.67 -4.66	128.97 11.15 -31.46	128.10 10.89 -31.50	128.70 11.71 -25.53	136.44 11.45 -35.52	144.57 13.04 -34.91	165.24 13.01 -57.27	199.14 15.68 -68.16	182.18 13.09 -72.79	167.82 12.35 -67.28	158.89 12.39 -54.05	148.37 11.14 -54.09	135.86 11.15 -42.67	125.90 11.62 -28.85
HOLTSVILLE_IC_4 23693	138.56 9.27 -47.27	129.64 9.17 -38.61	127.92 8.91 -38.04	128.20 10.63 -21.83	128.41 11.04 -17.91	147.88 10.57 -53.46	158.34 15.34 -20.25	181.90 19.48 -12.50	157.39 16.77 -7.53	139.39 14.17 -15.41	132.34 13.67 -4.66	128.97 11.15 -31.46	128.10 10.89 -31.50	128.70 11.71 -25.53	136.44 11.45 -35.52	144.57 13.04 -34.91	165.24 13.01 -57.27	199.14 15.68 -68.16	182.18 13.09 -72.79	167.82 12.35 -67.28	158.89 12.39 -54.05	148.37 11.14 -54.09	135.86 11.15 -42.67	125.90 11.62 -28.85
HOLTSVILLE_IC_5 23694	138.56 9.27 -47.27	129.64 9.17 -38.61	127.92 8.91 -38.04	128.20 10.63 -21.83	128.41 11.04 -17.91	147.88 10.57 -53.46	158.34 15.34 -20.25	181.90 19.48 -12.50	157.39 16.77 -7.53	139.39 14.17 -15.41	132.34 13.67 -4.66	128.97 11.15 -31.46	128.10 10.89 -31.50	128.70 11.71 -25.53	136.44 11.45 -35.52	144.57 13.04 -34.91	165.24 13.01 -57.27	199.14 15.68 -68.16	182.18 13.09 -72.79	167.82 12.35 -67.28	158.89 12.39 -54.05	148.37 11.14 -54.09	135.86 11.15 -42.67	125.90 11.62 -28.85
HOLTSVILLE_IC_6 23695	139.22 9.84 -47.35	130.12 9.65 -38.60	128.48 9.47 -38.04	128.71 11.20 -21.78	129.06 11.73 -17.87	148.31 11.15 -53.30	159.66 16.33 -20.59	183.60 20.70 -12.99	158.19 17.29 -7.80	140.16 14.61 -15.73	133.14 14.13 -5.00	129.85 11.74 -31.74	128.99 11.49 -31.78	129.62 12.34 -25.82	137.31 11.99 -35.85	145.56 13.71 -35.22	166.55 13.86 -57.73	200.35 16.71 -68.33	183.36 13.96 -73.10	168.94 13.14 -67.60	159.89 13.22 -54.22	149.41 11.80 -54.47	136.57 11.73 -42.81	126.50 12.22 -28.86
HOLTSVILLE_IC_7 23696	139.22 9.84 -47.35	130.12 9.65 -38.60	128.48 9.47 -38.04	128.71 11.20 -21.78	129.06 11.73 -17.87	148.31 11.15 -53.30	159.66 16.33 -20.59	183.60 20.70 -12.99	158.19 17.29 -7.80	140.16 14.61 -15.73	133.14 14.13 -5.00	129.85 11.74 -31.74	128.99 11.49 -31.78	129.62 12.34 -25.82	137.31 11.99 -35.85	145.56 13.71 -35.22	166.55 13.86 -57.73	200.35 16.71 -68.33	183.36 13.96 -73.10	168.94 13.14 -67.60	159.89 13.22 -54.22	149.41 11.80 -54.47	136.57 11.73 -42.81	126.50 12.22 -28.86
HOLTSVILLE_IC_8 23697	139.22 9.84 -47.35	130.12 9.65 -38.60	128.48 9.47 -38.04	128.71 11.20 -21.78	129.06 11.73 -17.87	148.31 11.15 -53.30	159.66 16.33 -20.59	183.60 20.70 -12.99	158.19 17.29 -7.80	140.16 14.61 -15.73	133.14 14.13 -5.00	129.85 11.74 -31.74	128.99 11.49 -31.78	129.62 12.34 -25.82	137.31 11.99 -35.85	145.56 13.71 -35.22	166.55 13.86 -57.73	200.35 16.71 -68.33	183.36 13.96 -73.10	168.94 13.14 -67.60	159.89 13.22 -54.22	149.41 11.80 -54.47	136.57 11.73 -42.81	126.50 12.22 -28.86
HOLTSVILLE_IC_9 23698	139.22 9.84 -47.35	130.12 9.65 -38.60	128.48 9.47 -38.04	128.71 11.20 -21.78	129.06 11.73 -17.87	148.31 11.15 -53.30	159.66 16.33 -20.59	183.60 20.70 -12.99	158.19 17.29 -7.80	140.16 14.61 -15.73	133.14 14.13 -5.00	129.85 11.74 -31.74	128.99 11.49 -31.78	129.62 12.34 -25.82	137.31 11.99 -35.85	145.56 13.71 -35.22	166.55 13.86 -57.73	200.35 16.71 -68.33	183.36 13.96 -73.10	168.94 13.14 -67.60	159.89 13.22 -54.22	149.41 11.80 -54.47	136.57 11.73 -42.81	126.50 12.22 -28.86
HOMER_HL_115KV_TB2 355744	81.93 -6.15 -6.05	79.45 -6.55 -4.14	78.16 -6.96 -4.16	89.91 -5.84 -0.01	93.79 -5.67 0.00	83.58 -3.27 -3.00	119.00 -5.52 -1.78	137.83 -13.04 -0.95	122.00 -11.71 -0.62	101.69 -9.33 -1.21	103.97 -10.03 0.00	81.53 -6.22 -1.38	81.18 -5.91 -1.38	86.84 -6.68 -2.05	84.67 -6.35 -1.56	91.92 -6.67 -1.97	91.53 -6.93 -3.50	112.34 -7.49 -4.53	93.93 -7.22 -4.85	86.94 -5.91 -4.65	87.88 -7.86 -3.29	79.80 -6.07 -2.73	79.01 -5.91 -2.88	84.92 -3.67 -3.16
HOWARD_WT_PWR 323690	87.27 -1.64 -6.88	84.61 -1.97 -4.71	83.43 -2.27 -4.73	92.60 -3.16 -0.01	96.38 -3.08 0.00	86.78 -0.50 -3.43	123.31 -1.47 -2.03	146.20 -4.80 -1.09	129.01 -4.79 -0.70	107.68 -3.52 -1.39	109.44 -4.56 0.00	85.96 -1.98 -1.58	85.32 -1.97 -1.58	91.80 -2.01 -2.35	89.45 -1.79 -1.78	97.52 -1.35 -2.25	97.54 -1.42 -4.00	119.56 -0.93 -5.18	100.69 -1.15 -5.54	92.81 -0.71 -5.32	94.18 -2.03 -3.76	85.27 -0.99 -3.12	84.18 -1.15 -3.29	88.29 -0.77 -3.63

HQ_GEN_CEDARS 23644	80.39 -1.64 0.00	80.39 -1.47 0.00	80.00 -0.97 0.00	94.59 -1.15 0.00	97.87 -1.59 0.00	82.09 -1.76 0.00	120.05 -2.70 0.00	147.37 -2.55 0.00	130.57 -2.53 0.00	106.85 -2.97 0.00	112.07 -1.94 0.00	84.29 -2.07 0.00	83.66 -2.06 0.00	89.08 -2.38 0.00	87.32 -2.15 0.00	93.63 -3.00 0.00	92.59 -2.37 0.00	112.54 -2.77 0.00	94.09 -2.21 0.00	85.64 -2.56 0.00	90.69 -1.76 0.00	81.39 -1.75 0.00	80.64 -1.39 0.00	84.06 -1.37 0.00
HQ_GEN_CEDARS_PROXY 323590	80.39 -1.64 0.00	80.39 -1.47 0.00	80.00 -0.97 0.00	94.60 -1.14 0.00	99.73 -1.60 -1.87	79.97 -2.01 1.87	120.05 -2.70 0.00	147.37 -2.55 0.00	130.56 -2.53 0.00	106.74 -3.07 0.00	112.07 -1.94 0.00	84.29 -2.07 0.00	83.66 -2.06 0.00	89.08 -2.38 0.00	87.32 -2.15 0.00	93.63 -3.00 0.00	92.59 -2.37 0.00	112.54 -2.77 0.00	94.09 -2.21 0.00	85.64 -2.56 0.00	90.69 -1.76 0.00	81.39 -1.75 0.00	80.64 -1.39 0.00	84.06 -1.37 0.00
HQ_GEN_IMPORT 323601	80.39 -1.64 0.00	80.39 -1.47 0.00	79.67 -1.30 0.00	94.60 -1.14 0.00	99.94 -1.39 -1.87	80.39 -1.60 1.87	120.91 -1.84 0.00	148.27 -1.65 0.00	131.50 -1.59 0.00	107.84 -1.97 0.00	112.30 -1.71 0.00	83.00 -1.82 1.55	83.00 -1.80 0.91	83.00 -2.01 6.45	83.00 -1.97 4.49	80.39 -2.22 14.01	93.06 -1.90 0.00	113.11 -2.19 0.00	94.47 -1.83 0.00	80.39 -1.94 5.87	91.06 -1.38 0.00	80.39 -1.66 1.08	80.39 -1.64 0.00	80.39 -1.63 3.42
HQ_GEN_WHEEL 23651	80.39 -1.64 0.00	80.39 -1.47 0.00	79.67 -1.30 0.00	94.60 -1.14 0.00	99.94 -1.39 -1.87	80.39 -1.60 1.87	120.91 -1.84 0.00	148.27 -1.65 0.00	131.50 -1.59 0.00	107.84 -1.97 0.00	112.30 -1.71 0.00	83.00 -1.82 1.55	83.00 -1.80 0.91	83.00 -2.01 6.45	83.00 -1.97 4.49	80.39 -2.22 14.01	93.06 -1.90 0.00	113.11 -2.19 0.00	94.47 -1.83 0.00	80.39 -1.94 5.87	91.06 -1.38 0.00	80.39 -1.66 1.08	80.39 -1.64 0.00	80.39 -1.63 3.42
HUDSON AVE_GT_3 23810	119.82 6.64 -31.14	109.65 6.47 -21.32	108.60 6.23 -21.39	103.16 7.37 -0.05	107.12 7.66 0.00	110.08 7.97 -18.26	143.76 10.19 -10.82	169.21 13.49 -5.80	149.63 12.78 -3.76	132.17 11.42 -10.93	125.40 11.40 0.00	123.16 9.24 -27.56	122.45 9.17 -27.57	122.87 9.79 -21.62	129.84 9.39 -30.99	136.70 10.15 -29.93	155.64 9.69 -50.99	192.61 11.53 -65.78	171.75 9.63 -65.82	155.23 9.08 -57.95	141.24 9.06 -39.73	124.37 8.56 -32.67	123.07 8.70 -32.35	111.94 9.06 -17.45
HUDSON AVE_GT_4 23540	119.82 6.64 -31.14	109.65 6.47 -21.32	108.60 6.23 -21.39	103.16 7.37 -0.05	107.12 7.66 0.00	110.08 7.97 -18.26	143.76 10.19 -10.82	169.21 13.49 -5.80	149.63 12.78 -3.76	132.17 11.42 -10.93	125.40 11.40 0.00	123.16 9.24 -27.56	122.45 9.17 -27.57	122.87 9.79 -21.62	129.84 9.39 -30.99	136.70 10.15 -29.93	155.64 9.69 -50.99	192.61 11.53 -65.78	171.75 9.63 -65.82	155.23 9.08 -57.95	141.24 9.06 -39.73	124.37 8.56 -32.67	123.07 8.70 -32.35	111.94 9.06 -17.45
HUDSON AVE_GT_5 23657	119.82 6.64 -31.14	109.65 6.47 -21.32	108.60 6.23 -21.39	103.16 7.37 -0.05	107.12 7.66 0.00	110.08 7.97 -18.26	143.76 10.19 -10.82	169.21 13.49 -5.80	149.63 12.78 -3.76	132.17 11.42 -10.93	125.40 11.40 0.00	123.16 9.24 -27.56	122.45 9.17 -27.57	122.87 9.79 -21.62	129.84 9.39 -30.99	136.70 10.15 -29.93	155.64 9.69 -50.99	192.61 11.53 -65.78	171.75 9.63 -65.82	155.23 9.08 -57.95	141.24 9.06 -39.73	124.37 8.56 -32.67	123.07 8.70 -32.35	111.94 9.06 -17.45
HUDSON_AVE_10 24168	119.49 6.32 -31.14	109.40 6.22 -21.32	108.35 5.99 -21.39	102.78 6.99 -0.05	106.72 7.26 0.00	109.83 7.71 -18.26	143.39 9.82 -10.82	168.91 13.19 -5.80	149.49 12.64 -3.76	131.95 11.20 -10.93	125.06 11.06 0.00	122.81 8.90 -27.56	122.19 8.91 -27.57	122.50 9.42 -21.62	129.58 9.13 -30.99	136.41 9.86 -29.93	155.35 9.40 -50.99	192.26 11.18 -65.78	171.46 9.34 -65.82	154.97 8.82 -57.95	140.97 8.78 -39.73	124.04 8.23 -32.67	122.83 8.45 -32.35	111.77 8.88 -17.45
HUDSON___115KV_TB 4 355613	124.73 5.00 -37.70	112.58 4.91 -25.80	111.64 4.78 -25.89	102.02 6.22 -0.06	105.93 6.47 0.00	141.39 5.45 -52.09	160.37 6.75 -30.87	174.27 7.80 -16.56	150.60 6.79 -10.71	133.41 6.04 -17.55	120.50 6.50 0.00	96.90 5.44 -5.10	96.22 5.40 -5.10	114.62 5.76 -17.40	100.84 5.55 -5.83	119.04 5.99 -16.42	132.20 5.70 -31.54	163.17 6.80 -41.06	150.33 5.68 -48.35	144.99 5.29 -51.50	135.29 5.18 -37.66	119.80 5.07 -31.59	122.74 5.33 -35.38	125.70 5.38 -34.89
HUNTER MOUNT___DRP 323613	123.79 5.09 -36.68	111.88 4.91 -25.10	110.94 4.78 -25.19	102.60 6.80 -0.06	106.52 7.06 0.00	134.61 5.53 -45.23	156.79 7.24 -26.80	172.69 8.40 -14.37	149.32 6.92 -9.30	131.52 5.93 -15.78	120.62 6.61 0.00	99.40 5.70 -7.34	98.71 5.66 -7.34	114.60 6.04 -17.11	103.69 5.90 -8.33	120.08 6.47 -16.99	133.21 6.36 -31.89	164.47 7.73 -41.44	150.25 6.45 -47.49	143.32 5.91 -49.21	134.06 5.92 -35.69	118.65 5.65 -29.87	120.90 5.91 -32.96	122.11 5.21 -31.47
HUNTINGTON_RES_REC 323705	138.45 9.10 -47.31	129.42 9.00 -38.56	127.72 8.75 -38.00	127.81 10.34 -21.72	128.03 10.31 -17.82	147.37 14.35 -53.21	157.68 17.98 -20.57	180.89 17.98 -12.99	157.13 16.23 -7.80	139.61 14.06 -15.73	132.56 13.56 -5.00	129.16 11.06 -31.74	128.38 10.89 -31.78	128.90 11.62 -25.82	136.68 11.36 -35.85	144.49 12.65 -35.22	164.65 11.96 -57.73	198.05 14.41 -68.33	181.53 12.13 -73.09	167.16 11.38 -67.59	158.10 11.46 -54.20	148.37 10.80 -54.43	135.64 10.83 -42.79	125.54 11.28 -28.83
HUNTLEY___63 23557	81.08 -5.99 -5.04	78.93 -6.39 -3.45	77.63 -6.80 -3.46	86.27 -9.48 -0.01	90.11 -9.35 0.00	77.48 -6.37 0.00	111.82 -10.92 0.00	132.68 -17.24 0.00	117.66 -15.44 0.00	97.73 -12.30 -0.21	100.67 -13.34 0.00	79.22 -8.29 -1.14	79.14 -7.71 -1.14	84.28 -8.87 -1.69	82.16 -8.59 -1.28	88.81 -8.89 -1.07	87.42 -9.31 -1.77	107.32 -10.26 -2.28	88.84 -9.63 -2.17	82.02 -7.94 -1.77	83.64 -9.98 -1.17	76.28 -7.81 -0.96	75.61 -7.30 -0.88	81.02 -7.01 -2.59
HUNTLEY___64 23558	81.08 -5.99 -5.04	78.93 -6.39 -3.45	77.63 -6.80 -3.46	86.27 -9.48 -0.01	90.11 -9.35 0.00	77.48 -6.37 0.00	111.82 -10.92 0.00	132.68 -17.24 0.00	117.66 -15.44 0.00	97.73 -12.30 -0.21	100.67 -13.34 0.00	79.22 -8.29 -1.14	79.14 -7.71 -1.14	84.28 -8.87 -1.69	82.16 -8.59 -1.28	88.81 -8.89 -1.07	87.42 -9.31 -1.77	107.32 -10.26 -2.28	88.84 -9.63 -2.17	82.02 -7.94 -1.77	83.64 -9.98 -1.17	76.28 -7.81 -0.96	75.61 -7.30 -0.88	81.02 -7.01 -2.59
HUNTLEY___65 23559	81.08 -5.99 -5.04	78.93 -6.39 -3.45	77.63 -6.80 -3.46	86.27 -9.48 -0.01	90.11 -9.35 0.00	77.48 -6.37 0.00	111.82 -10.92 0.00	132.68 -17.24 0.00	117.66 -15.44 0.00	97.73 -12.30 -0.21	100.67 -13.34 0.00	79.22 -8.29 -1.14	79.14 -7.71 -1.14	84.28 -8.87 -1.69	82.16 -8.59 -1.28	88.81 -8.89 -1.07	87.42 -9.31 -1.77	107.32 -10.26 -2.28	88.84 -9.63 -2.17	82.02 -7.94 -1.77	83.64 -9.98 -1.17	76.28 -7.81 -0.96	75.61 -7.30 -0.88	81.02 -7.01 -2.59
HUNTLEY___66 23560	81.08 -5.99 -5.04	78.93 -6.39 -3.45	77.63 -6.80 -3.46	86.27 -9.48 -0.01	90.11 -9.35 0.00	77.48 -6.37 0.00	111.82 -10.92 0.00	132.68 -17.24 0.00	117.66 -15.44 0.00	97.73 -12.30 -0.21	100.67 -13.34 0.00	79.22 -8.29 -1.14	79.14 -7.71 -1.14	84.28 -8.87 -1.69	82.16 -8.59 -1.28	88.81 -8.89 -1.07	87.42 -9.31 -1.77	107.32 -10.26 -2.28	88.84 -9.63 -2.17	82.02 -7.94 -1.77	83.64 -9.98 -1.17	76.28 -7.81 -0.96	75.61 -7.30 -0.88	81.02 -7.01 -2.59

HUNTLEY___67 23561	80.85 -6.32 -5.14	78.67 -6.71 -3.52	77.37 -7.13 -3.53	86.18 -9.57 -0.01	90.01 -9.45 0.00	77.31 -6.54 0.00	112.07 -10.68 0.00	132.98 -16.94 0.00	117.92 -15.17 0.00	97.84 -12.19 -0.22	100.89 -13.11 0.00	79.24 -8.29 -1.17	78.91 -7.97 -1.17	84.13 -9.05 -1.72	81.92 -8.86 -1.31	88.63 -9.08 -1.09	87.27 -9.50 -1.81	107.02 -10.61 -2.32	88.69 -9.82 -2.21	81.88 -8.11 -1.80	83.48 -10.17 -1.20	76.05 -8.06 -0.97	75.38 -7.55 -0.90	80.99 -7.09 -2.65
HUNTLEY___68 23562	80.85 -6.32 -5.14	78.67 -6.71 -3.52	77.37 -7.13 -3.53	86.18 -9.57 -0.01	90.01 -9.45 0.00	77.31 -6.54 0.00	112.07 -10.68 0.00	132.98 -16.94 0.00	117.92 -15.17 0.00	97.84 -12.19 -0.22	100.89 -13.11 0.00	79.24 -8.29 -1.17	78.91 -7.97 -1.17	84.13 -9.05 -1.72	81.92 -8.86 -1.31	88.63 -9.08 -1.09	87.27 -9.50 -1.81	107.02 -10.61 -2.32	88.69 -9.82 -2.21	81.88 -8.11 -1.80	83.48 -10.17 -1.20	76.05 -8.06 -0.97	75.38 -7.55 -0.90	80.99 -7.09 -2.65
HYLAND___LFGE 323620	89.50 1.80 -5.67	86.89 1.15 -3.88	85.67 0.81 -3.90	95.46 -0.29 -0.01	99.46 0.00 0.00	88.41 1.76 -2.80	127.23 2.83 -1.66	143.61 -7.19 -0.89	126.35 -7.32 -0.58	105.12 -5.82 -1.13	106.25 -7.76 0.00	83.34 -4.32 -1.29	82.72 -4.28 -1.29	88.80 -4.57 -1.91	86.54 -4.38 -1.46	94.11 -4.35 -1.84	94.72 -3.51 -3.27	116.31 -3.23 -4.24	98.23 -2.60 -4.53	90.52 -2.03 -4.35	97.19 1.67 -3.07	87.77 2.08 -2.55	86.20 1.48 -2.69	89.57 1.20 -2.95
INDECK___CORINTH 23802	127.67 5.58 -40.06	114.76 5.49 -27.42	114.07 5.58 -27.52	102.12 6.32 -0.06	106.13 6.66 0.00	209.09 5.87 -119.37	202.33 8.84 -70.74	198.65 10.80 -37.94	167.36 9.71 -24.55	156.67 8.24 -38.61	122.10 8.10 0.00	95.68 6.30 -3.01	94.82 6.09 -3.02	127.68 6.67 -29.55	99.87 6.80 -3.61	133.66 7.54 -29.50	161.29 7.50 -58.83	201.31 9.23 -76.78	198.09 7.42 -94.38	199.81 6.97 -104.65	176.82 6.94 -77.44	154.55 6.24 -65.18	162.28 5.82 -74.42	157.31 5.72 -66.16
INDECK___ILION 23567	84.74 2.71 0.00	84.48 2.62 0.00	83.48 2.51 0.00	98.61 2.87 0.00	102.55 3.08 0.00	86.62 2.77 0.00	126.68 3.93 0.00	154.41 4.50 0.00	137.09 3.99 0.00	113.22 3.40 0.00	117.42 3.42 0.00	89.21 2.85 0.00	88.54 2.83 0.00	94.57 3.11 0.00	92.51 3.04 0.00	99.81 3.19 0.00	98.09 3.13 0.00	119.11 3.81 0.00	99.38 3.08 0.00	91.02 2.82 0.00	95.22 2.77 0.00	85.88 2.74 0.00	84.65 2.62 0.00	88.17 2.73 0.00
INDECK___OLEAN 23982	81.93 -6.15 -6.05	79.45 -6.55 -4.14	78.16 -6.96 -4.16	89.91 -5.84 -0.01	93.69 -5.77 0.00	83.49 -3.36 -3.00	119.00 -5.52 -1.78	137.82 -13.04 -0.95	122.00 -11.71 -0.62	101.80 -9.22 -1.21	103.86 -10.15 0.00	81.53 -6.22 -1.38	81.09 -6.00 -1.38	86.84 -6.67 -2.05	84.67 -6.35 -1.56	91.92 -6.67 -1.97	91.53 -6.93 -3.50	112.35 -7.49 -4.53	93.93 -7.22 -4.85	87.03 -5.82 -4.65	87.88 -7.86 -3.29	79.80 -6.07 -2.73	79.01 -5.91 -2.88	84.92 -3.67 -3.16
INDECK___OSWEGO 23783	81.25 -3.12 -2.33	80.26 -3.19 -1.60	79.33 -3.24 -1.60	91.54 -4.21 0.00	95.19 -4.27 0.00	80.58 -3.27 0.00	117.84 -4.91 0.00	143.92 -6.00 0.00	127.63 -5.46 0.00	105.53 -4.28 0.00	109.32 -4.68 0.00	83.08 -3.28 0.00	82.46 -3.26 0.00	88.08 -3.38 0.00	86.15 -3.31 0.00	93.05 -3.57 0.00	91.35 -3.61 0.00	111.16 -4.15 0.00	92.84 -3.46 0.00	85.02 -3.17 0.00	88.75 -3.70 0.00	79.98 -3.16 0.00	78.83 -3.20 0.00	82.01 -3.42 0.00
INDECK___YERKES 23781	81.17 -5.91 -5.04	79.01 -6.30 -3.45	77.71 -6.72 -3.46	86.27 -9.48 -0.01	90.11 -9.35 0.00	77.56 -6.29 0.00	111.82 -10.93 0.00	132.53 -17.39 0.00	117.66 -15.44 0.00	97.84 -12.19 -0.21	100.67 -13.34 0.00	79.22 -8.29 -1.14	79.23 -7.63 -1.14	84.37 -8.78 -1.69	82.25 -8.50 -1.28	88.90 -8.79 -1.07	87.43 -9.30 -1.77	107.32 -10.26 -2.28	88.93 -9.54 -2.17	82.11 -7.85 -1.77	83.73 -9.89 -1.17	76.36 -7.73 -0.96	75.69 -7.22 -0.88	81.11 -6.92 -2.59
INDIAN POINT_GT_1 24139	118.33 5.58 -30.72	108.37 5.48 -21.03	107.42 5.34 -21.10	102.11 6.32 -0.05	106.03 6.56 0.00	108.84 6.96 -18.02	142.39 8.96 -10.68	167.19 11.54 -5.73	147.72 10.91 -3.71	130.14 9.55 -10.77	123.58 9.58 0.00	121.20 7.77 -27.07	120.51 7.71 -27.08	120.98 8.23 -21.28	127.86 7.96 -30.44	134.74 8.70 -29.42	153.35 8.26 -50.13	189.77 9.80 -64.66	169.30 8.28 -64.72	152.95 7.76 -57.00	139.30 7.77 -39.08	122.59 7.32 -32.14	121.16 7.30 -31.83	110.28 7.60 -17.24
INDIAN POINT_GT_2 23659	118.33 5.58 -30.72	108.37 5.48 -21.03	107.42 5.34 -21.10	102.11 6.32 -0.05	106.03 6.56 0.00	108.84 6.96 -18.02	142.39 8.96 -10.68	167.19 11.54 -5.73	147.72 10.91 -3.71	130.14 9.55 -10.77	123.58 9.58 0.00	121.20 7.77 -27.07	120.51 7.71 -27.08	120.98 8.23 -21.28	127.86 7.96 -30.44	134.74 8.70 -29.42	153.35 8.26 -50.13	189.77 9.80 -64.66	169.30 8.28 -64.72	152.95 7.76 -57.00	139.30 7.77 -39.08	122.59 7.32 -32.14	121.16 7.30 -31.83	110.28 7.60 -17.24
INDIAN POINT_GT_3 24019	118.33 5.58 -30.72	108.37 5.48 -21.03	107.42 5.34 -21.10	102.11 6.32 -0.05	106.03 6.56 0.00	108.84 6.96 -18.02	142.39 8.96 -10.68	167.19 11.54 -5.73	147.72 10.91 -3.71	130.14 9.55 -10.77	123.58 9.58 0.00	121.20 7.77 -27.07	120.51 7.71 -27.08	120.98 8.23 -21.28	127.86 7.96 -30.44	134.74 8.70 -29.42	153.35 8.26 -50.13	189.77 9.80 -64.66	169.30 8.28 -64.72	152.95 7.76 -57.00	139.30 7.77 -39.08	122.59 7.32 -32.14	121.16 7.30 -31.83	110.28 7.60 -17.24
INDIAN POINT___2 23530	117.74 5.41 -30.29	107.91 5.32 -20.74	106.96 5.19 -20.81	101.83 6.04 -0.05	105.73 6.27 0.00	108.08 6.54 -17.68	141.82 8.59 -10.48	166.63 11.09 -5.62	147.12 10.39 -3.64	129.57 9.23 -10.53	123.23 9.23 0.00	120.22 7.51 -26.35	119.53 7.45 -26.36	120.20 7.95 -20.79	126.79 7.69 -29.63	133.60 8.31 -28.67	151.80 7.98 -48.86	187.79 9.46 -63.03	167.30 7.90 -63.11	151.29 7.49 -55.60	138.06 7.48 -38.13	121.56 7.06 -31.36	120.15 7.06 -31.06	109.72 7.35 -16.95
INDIAN POINT___3 23531	117.90 5.25 -30.62	108.06 5.24 -20.96	107.02 5.02 -21.03	101.73 5.94 -0.05	105.63 6.17 0.00	108.38 6.62 -17.90	141.83 8.47 -10.61	166.55 10.94 -5.69	147.02 10.25 -3.68	129.61 9.11 -10.68	123.12 9.12 0.00	120.51 7.34 -26.81	119.90 7.37 -26.82	120.34 7.77 -21.10	127.13 7.51 -30.15	133.99 8.21 -29.15	152.41 7.79 -49.67	188.60 9.22 -64.07	168.24 7.80 -64.14	152.01 7.32 -56.49	138.49 7.30 -38.74	121.89 6.90 -31.86	120.55 6.97 -31.55	109.83 7.26 -17.14
INGHAM_C_115KV_TB7 356103	87.03 5.00 0.00	86.77 4.91 0.00	85.66 4.70 0.00	101.20 5.46 0.00	105.33 5.87 0.00	89.05 5.20 0.00	130.24 7.49 0.00	158.46 8.55 0.00	140.55 7.45 0.00	116.19 6.37 0.00	120.50 6.50 0.00	91.63 5.27 0.00	90.94 5.23 0.00	97.04 5.58 0.00	94.92 5.46 0.00	102.42 5.80 0.00	100.56 5.60 0.00	122.11 6.80 0.00	101.89 5.59 0.00	93.31 5.12 0.00	97.53 5.08 0.00	88.12 4.99 0.00	86.95 4.92 0.00	90.64 5.21 0.00
IP CORINTH___1 23988	127.66 5.58 -40.06	114.76 5.48 -27.42	114.07 5.59 -27.52	102.12 6.32 -0.06	106.13 6.66 0.00	209.18 5.95 -119.37	202.33 8.84 -70.74	198.65 10.79 -37.94	167.36 9.72 -24.55	156.55 8.13 -38.61	122.10 8.09 0.00	95.68 6.30 -3.01	94.81 6.09 -3.02	127.69 6.68 -29.55	99.96 6.89 -3.61	133.66 7.54 -29.50	161.29 7.50 -58.83	201.31 9.22 -76.78	198.09 7.42 -94.38	199.81 6.97 -104.65	176.82 6.93 -77.44	154.55 6.24 -65.18	162.28 5.82 -74.42	157.31 5.72 -66.16

IP___TICONDEROGA 23804	130.08 8.04 -40.01	117.19 7.94 -27.38	116.63 8.18 -27.48	105.09 9.29 -0.06	109.21 9.75 0.00	210.64 8.47 -118.32	206.00 13.13 -70.12	203.71 16.19 -37.60	171.80 14.37 -24.33	159.98 11.86 -38.30	125.63 11.63 0.00	98.67 9.15 -3.16	97.53 8.66 -3.16	130.39 9.51 -29.41	103.16 9.93 -3.77	137.03 11.01 -29.40	164.46 10.92 -58.58	205.47 13.72 -76.44	200.95 10.79 -93.86	202.33 10.14 -103.99	179.54 10.17 -76.93	156.77 8.90 -64.74	164.05 8.12 -73.89	159.04 7.95 -65.67
ISLIP_RES_REC 323679	139.61 10.17 -47.41	130.52 10.07 -38.60	128.89 9.87 -38.04	129.16 11.68 -21.74	129.44 12.13 -17.85	148.63 11.58 -53.20	160.62 17.06 -20.82	184.84 21.59 -13.33	159.32 18.24 -7.99	141.15 15.37 -15.96	134.05 14.81 -5.23	130.56 12.26 -31.94	129.69 12.00 -31.98	130.37 12.90 -26.02	138.16 12.62 -36.08	146.46 14.40 -35.43	167.43 14.43 -58.04	201.27 17.52 -68.45	184.25 14.63 -73.32	169.77 13.75 -67.82	160.57 13.78 -54.35	150.17 12.30 -54.73	137.07 12.14 -42.90	126.94 12.64 -28.86
JAMAICA__27_KV_LOAD 355505	119.74 6.56 -31.14	109.73 6.55 -21.32	108.60 6.23 -21.39	103.07 7.28 -0.05	107.12 7.66 0.00	110.25 8.13 -18.26	144.13 10.56 -10.82	170.11 14.39 -5.80	150.69 13.84 -3.76	133.05 12.30 -10.93	125.63 11.63 0.00	123.25 9.33 -27.56	122.62 9.34 -27.57	123.05 9.97 -21.62	130.02 9.57 -30.99	136.99 10.44 -29.93	155.92 9.97 -50.99	193.07 11.99 -65.78	172.14 10.02 -65.82	155.59 9.44 -57.95	141.61 9.43 -39.73	124.45 8.65 -32.67	123.56 9.19 -32.35	112.36 9.48 -17.45
JANIS___SOLAR 323808	95.89 5.09 -8.77	92.61 4.75 -6.00	91.44 4.45 -6.03	100.64 4.88 -0.01	105.03 5.57 0.00	96.30 6.12 -6.32	135.95 9.45 -3.75	163.02 11.09 -2.01	143.18 8.78 -1.30	119.03 6.81 -2.40	119.93 5.92 0.00	93.63 5.18 -2.08	93.03 5.23 -2.09	100.75 5.77 -3.53	97.63 5.81 -2.35	106.95 6.96 -3.37	108.47 7.41 -6.10	132.78 9.56 -7.91	112.75 7.80 -8.65	103.87 7.14 -8.53	105.10 6.56 -6.09	94.19 5.99 -5.07	92.80 5.33 -5.44	96.77 5.55 -5.79
JARVIS____ 23743	82.93 0.90 0.00	82.76 0.90 0.00	81.78 0.81 0.00	96.60 0.86 0.00	100.46 0.99 0.00	84.69 0.84 0.00	123.85 1.10 0.00	151.11 1.19 0.00	134.15 1.06 0.00	110.91 1.10 0.00	115.03 1.02 0.00	87.31 0.95 0.00	86.66 0.94 0.00	92.47 1.01 0.00	90.45 0.99 0.00	97.69 1.06 0.00	95.91 0.95 0.00	116.46 1.15 0.00	97.26 0.96 0.00	89.08 0.88 0.00	93.28 0.83 0.00	83.97 0.83 0.00	82.85 0.82 0.00	86.29 0.85 0.00
JENNISON___1 23625	98.73 5.50 -11.20	94.69 5.16 -7.67	93.52 4.86 -7.70	101.12 5.36 -0.02	105.63 6.17 0.00	100.36 6.54 -9.96	138.47 9.82 -5.90	164.63 11.54 -3.17	144.59 9.45 -2.05	121.19 7.69 -3.68	121.30 7.30 0.00	95.23 6.13 -2.73	94.53 6.09 -2.73	103.25 6.77 -5.02	99.26 6.71 -3.09	109.04 7.63 -4.79	111.60 7.88 -8.76	136.58 9.92 -11.36	116.78 7.90 -12.59	108.10 7.32 -12.58	108.31 6.84 -9.02	96.98 6.32 -7.52	95.91 5.74 -8.14	99.94 5.98 -8.52
JENNISON___2 23626	98.73 5.50 -11.20	94.69 5.16 -7.67	93.52 4.86 -7.70	101.12 5.36 -0.02	105.63 6.17 0.00	100.36 6.54 -9.96	138.47 9.82 -5.90	164.63 11.54 -3.17	144.59 9.45 -2.05	121.19 7.69 -3.68	121.30 7.30 0.00	95.23 6.13 -2.73	94.53 6.09 -2.73	103.25 6.77 -5.02	99.26 6.71 -3.09	109.04 7.63 -4.79	111.60 7.88 -8.76	136.58 9.92 -11.36	116.78 7.90 -12.59	108.10 7.32 -12.58	108.31 6.84 -9.02	96.98 6.32 -7.52	95.91 5.74 -8.14	99.94 5.98 -8.52
JERICHO_RISE_WT_PWR 323719	80.47 -1.56 0.00	80.47 -1.39 0.00	79.83 -1.13 0.00	94.78 -0.96 0.00	98.17 -1.30 0.00	82.35 -1.51 0.00	120.66 -2.09 0.00	147.51 -2.40 0.00	130.70 -2.39 0.00	107.18 -2.64 0.00	112.30 -1.71 0.00	84.55 -1.82 0.00	83.83 -1.89 0.00	89.26 -2.20 0.00	87.41 -2.05 0.00	94.30 -2.32 0.00	93.34 -1.61 0.00	113.34 -1.96 0.00	94.86 -1.44 0.00	86.43 -1.76 0.00	91.34 -1.11 0.00	81.72 -1.41 0.00	80.47 -1.56 0.00	84.24 -1.20 0.00
KATONAH___115KV_46KV_TB4 355592	120.03 6.48 -31.52	109.82 6.39 -21.58	108.78 6.15 -21.65	103.07 7.28 -0.05	107.02 7.56 0.00	110.37 7.88 -18.63	144.47 10.68 -11.04	169.48 13.64 -5.92	149.70 12.78 -3.83	131.93 10.98 -11.13	125.06 11.06 0.00	123.15 8.81 -27.98	122.36 8.66 -27.99	122.66 9.24 -21.96	129.97 9.04 -31.47	136.99 9.95 -30.42	156.18 9.40 -51.82	193.34 11.18 -66.85	172.65 9.44 -66.91	156.03 8.91 -58.92	141.82 8.97 -40.40	124.67 8.31 -33.22	123.13 8.20 -32.90	111.53 8.37 -17.73
KCE_NY_1 323755	127.38 5.41 -39.94	114.52 5.32 -27.34	113.75 5.34 -27.44	101.94 6.13 -0.06	105.83 6.37 0.00	206.48 5.78 -116.84	200.34 8.35 -69.24	196.94 9.89 -37.13	166.04 8.92 -24.03	155.25 7.57 -37.87	121.53 7.52 0.00	95.67 5.95 -3.35	94.90 5.83 -3.36	126.99 6.31 -29.22	99.90 6.45 -3.99	132.92 7.05 -29.25	160.01 6.84 -58.21	199.57 8.31 -75.96	196.28 6.84 -93.14	197.68 6.43 -103.05	175.12 6.47 -76.21	153.17 5.90 -64.13	160.84 5.66 -73.15	156.13 5.72 -64.98
KCE_NY_6_ESR 323823	81.64 -5.74 -5.36	79.39 -6.14 -3.67	78.01 -6.64 -3.68	87.23 -8.52 -0.01	91.11 -8.35 0.00	81.04 -5.45 -2.64	115.36 -8.96 -1.56	135.32 -15.44 -0.84	119.93 -13.71 -0.54	100.01 -10.87 -1.07	102.14 -11.86 0.00	80.33 -7.25 -1.22	79.91 -7.03 -1.22	85.30 -7.96 -1.80	83.14 -7.69 -1.37	90.43 -7.92 -1.73	89.69 -8.36 -3.09	110.19 -9.11 -3.99	92.00 -8.57 -4.27	85.32 -6.97 -4.10	86.29 -9.06 -2.90	78.48 -7.07 -2.41	77.93 -6.64 -2.54	82.39 -5.81 -2.77
KEDC_PORT_JEFF_GT2 24210	139.10 9.76 -47.32	130.12 9.65 -38.60	128.39 9.39 -38.04	128.63 11.10 -21.79	128.97 11.63 -17.88	148.27 11.07 -53.35	159.41 16.20 -20.46	183.12 20.39 -12.82	158.23 17.43 -7.70	140.15 14.72 -15.62	133.13 14.25 -4.88	129.66 11.65 -31.64	128.80 11.40 -31.68	129.44 12.26 -25.72	137.19 11.99 -35.74	145.36 13.63 -35.11	166.20 13.68 -57.56	199.72 16.14 -68.27	182.87 13.58 -72.99	168.65 12.97 -67.48	159.65 13.04 -54.16	149.19 11.72 -54.33	136.43 11.64 -42.76	126.41 12.13 -28.85
KEDC_PORT_JEFF_GT3 24211	139.10 9.76 -47.32	130.12 9.65 -38.60	128.39 9.39 -38.04	128.63 11.10 -21.79	128.97 11.63 -17.88	148.27 11.07 -53.35	159.41 16.20 -20.46	183.12 20.39 -12.82	158.23 17.43 -7.70	140.15 14.72 -15.62	133.13 14.25 -4.88	129.66 11.65 -31.64	128.80 11.40 -31.68	129.44 12.26 -25.72	137.19 11.99 -35.74	145.36 13.63 -35.11	166.20 13.68 -57.56	199.72 16.14 -68.27	182.87 13.58 -72.99	168.65 12.97 -67.48	159.65 13.04 -54.16	149.19 11.72 -54.33	136.43 11.64 -42.76	126.41 12.13 -28.85
KEDC_GLWD_GT4 24219	136.80 7.54 -47.23	123.12 7.45 -33.81	122.00 7.20 -33.82	118.08 8.52 -13.82	119.99 8.85 -11.68	129.88 8.72 -37.31	168.04 11.17 -34.12	198.42 14.25 -34.26	166.20 13.31 -19.80	151.52 11.76 -29.95	145.57 11.74 -19.82	139.91 9.41 -44.14	139.32 9.34 -44.27	139.67 9.97 -38.24	149.38 9.67 -50.25	155.80 10.53 -48.65	182.57 9.97 -77.64	203.13 11.99 -75.83	192.40 10.01 -86.08	178.01 9.44 -80.37	160.65 9.43 -58.77	158.90 8.81 -66.96	137.95 9.35 -46.57	121.61 9.74 -26.44
KEDC_GLWD_GT5 24220	136.80 7.54 -47.23	123.12 7.45 -33.81	122.00 7.20 -33.82	118.08 8.52 -13.82	119.99 8.85 -11.68	129.88 8.72 -37.31	168.04 11.17 -34.12	198.42 14.25 -34.26	166.20 13.31 -19.80	151.52 11.76 -29.95	145.57 11.74 -19.82	139.91 9.41 -44.14	139.32 9.34 -44.27	139.67 9.97 -38.24	149.38 9.67 -50.25	155.80 10.53 -48.65	182.57 9.97 -77.64	203.13 11.99 -75.83	192.40 10.01 -86.08	178.01 9.44 -80.37	160.65 9.43 -58.77	158.90 8.81 -66.96	137.95 9.35 -46.57	121.61 9.74 -26.44

KENSICO____ 23655	119.10 5.99 -31.09	109.03 5.89 -21.28	108.07 5.75 -21.35	102.49 6.70 -0.05	106.42 6.96 0.00	109.37 7.30 -18.22	143.12 9.57 -10.80	168.00 12.29 -5.79	148.42 11.58 -3.75	130.94 10.21 -10.91	124.26 10.26 0.00	122.13 8.29 -27.47	121.43 8.23 -27.48	121.71 8.69 -21.57	128.86 8.50 -30.89	135.65 9.18 -29.85	154.54 8.74 -50.84	191.38 10.49 -65.59	170.70 8.76 -65.64	154.19 8.20 -57.79	140.30 8.23 -39.62	123.45 7.73 -32.58	122.00 7.71 -32.26	110.96 8.12 -17.41
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	118.83 7.22 -29.58	109.15 7.04 -20.25	108.01 6.72 -20.32	103.74 7.95 -0.05	107.62 8.16 0.00	112.95 8.89 -20.21	146.88 12.15 -11.98	171.48 15.14 -6.42	150.56 13.31 -4.16	131.16 10.87 -10.47	124.49 10.49 0.00	116.20 8.12 -21.72	115.50 8.06 -21.73	118.77 8.51 -18.81	122.40 8.50 -24.43	130.98 9.47 -24.89	147.57 9.78 -42.83	182.59 11.99 -55.30	162.42 9.92 -56.20	147.82 9.08 -50.54	136.63 9.24 -34.94	120.50 8.56 -28.80	119.48 8.45 -29.00	112.06 8.71 -17.92
KIAC_JFK_GT1 23816	118.92 5.74 -31.14	108.91 5.73 -21.32	107.79 5.42 -21.39	102.11 6.32 -0.05	106.13 6.66 0.00	109.41 7.30 -18.26	142.78 9.21 -10.82	168.61 12.89 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	124.49 10.49 0.00	122.38 8.46 -27.56	121.68 8.40 -27.57	122.05 8.96 -21.62	129.13 8.68 -30.99	135.93 9.37 -29.93	154.88 8.93 -50.99	191.80 10.72 -65.78	171.08 8.96 -65.82	154.61 8.47 -57.95	140.60 8.41 -39.73	123.54 7.73 -32.67	122.66 8.29 -32.35	111.51 8.63 -17.45
KIAC_JFK_GT2 23817	118.92 5.74 -31.14	108.91 5.73 -21.32	107.79 5.42 -21.39	102.11 6.32 -0.05	106.13 6.66 0.00	109.41 7.30 -18.26	142.78 9.21 -10.82	168.61 12.89 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	124.49 10.49 0.00	122.38 8.46 -27.56	121.68 8.40 -27.57	122.05 8.96 -21.62	129.13 8.68 -30.99	135.93 9.37 -29.93	154.88 8.93 -50.99	191.80 10.72 -65.78	171.08 8.96 -65.82	154.61 8.47 -57.95	140.60 8.41 -39.73	123.54 7.73 -32.67	122.66 8.29 -32.35	111.51 8.63 -17.45
KIAC_JFK____ 323774	118.91 5.74 -31.14	108.91 5.73 -21.32	107.79 5.43 -21.39	102.11 6.32 -0.05	106.13 6.66 0.00	109.07 6.96 -18.26	142.78 9.21 -10.82	168.61 12.89 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	124.49 10.48 0.00	122.39 8.47 -27.56	121.69 8.40 -27.57	122.05 8.97 -21.62	129.13 8.68 -30.99	135.92 9.37 -29.93	154.87 8.92 -50.99	191.81 10.73 -65.78	171.08 8.96 -65.82	154.62 8.47 -57.95	140.59 8.41 -39.73	123.54 7.73 -32.67	122.66 8.28 -32.35	111.51 8.62 -17.45
KINTIGH____ 23543	81.39 -5.09 -4.45	79.50 -5.40 -3.04	78.28 -5.75 -3.06	87.04 -8.71 -0.01	90.81 -8.65 0.00	77.73 -6.12 0.00	112.93 -9.82 0.00	135.67 -14.24 0.00	120.18 -12.91 0.00	99.68 -10.32 -0.19	102.83 -11.17 0.00	80.28 -7.08 -1.00	79.86 -6.86 -1.00	85.07 -7.87 -1.47	82.90 -7.69 -1.13	89.64 -7.92 -0.94	88.35 -8.17 -1.55	108.19 -9.11 -2.00	89.73 -8.47 -1.90	82.78 -6.97 -1.55	84.79 -8.69 -1.03	76.99 -6.98 -0.84	76.16 -6.64 -0.77	80.85 -6.83 -2.25
KNTFSRNC_46_KV_46KV_LOAD 80397	82.03 0.00 0.00	81.94 0.08 0.00	81.37 0.40 0.00	96.41 0.67 0.00	99.86 0.40 0.00	83.85 0.00 0.00	122.38 -0.37 0.00	149.17 -0.75 0.00	131.90 -1.20 0.00	108.72 -1.10 0.00	113.78 -0.23 0.00	85.76 -0.60 0.00	85.03 -0.69 0.00	90.36 -1.10 0.00	88.57 -0.89 0.00	95.66 -0.97 0.00	94.96 0.00 0.00	115.19 -0.12 0.00	96.49 0.19 0.00	87.84 -0.35 0.00	92.82 0.37 0.00	83.22 0.08 0.00	81.78 -0.25 0.00	85.86 0.43 0.00
LACHUTE__HYDRO 323717	130.08 8.04 -40.01	117.18 7.94 -27.38	116.63 8.17 -27.48	105.09 9.28 -0.06	109.22 9.75 0.00	210.56 8.38 -118.32	206.01 13.14 -70.12	203.72 16.20 -37.60	171.94 14.51 -24.33	160.09 11.97 -38.30	125.64 11.63 0.00	98.67 9.15 -3.16	97.52 8.65 -3.16	130.39 9.51 -29.41	103.07 9.84 -3.77	137.03 11.01 -29.40	164.55 11.01 -58.58	205.46 13.71 -76.44	200.95 10.78 -93.86	202.32 10.14 -103.99	179.54 10.17 -76.93	156.78 8.90 -64.74	164.05 8.12 -73.89	159.05 7.95 -65.67
LAWRNCV_115KV_TB1 80681	80.39 -1.64 0.00	80.31 -1.56 0.00	79.83 -1.13 0.00	94.40 -1.34 0.00	97.57 -1.89 0.00	81.51 -2.35 0.00	118.58 -4.17 0.00	145.72 -4.20 0.00	128.97 -4.13 0.00	105.42 -4.39 0.00	110.93 -3.08 0.00	83.43 -2.94 0.00	82.80 -2.91 0.00	88.26 -3.20 0.00	86.51 -2.95 0.00	92.47 -4.15 0.00	91.64 -3.32 0.00	111.38 -3.92 0.00	93.22 -3.08 0.00	84.76 -3.44 0.00	89.77 -2.68 0.00	80.97 -2.16 0.00	80.31 -1.72 0.00	83.89 -1.54 0.00
LEDERLE____ 23769	117.15 5.33 -29.79	107.49 5.24 -20.39	106.53 5.10 -20.46	101.82 6.03 -0.05	105.63 6.17 0.00	107.89 6.71 -17.33	141.74 8.72 -10.27	166.52 11.09 -5.51	147.04 10.38 -3.56	129.21 9.11 -10.28	123.12 9.12 0.00	119.41 7.43 -25.62	118.71 7.37 -25.63	119.52 7.77 -20.28	125.79 7.51 -28.81	132.74 8.21 -27.91	150.41 7.88 -47.57	186.01 9.34 -61.36	165.66 7.90 -61.46	149.78 7.41 -54.18	137.01 7.40 -37.16	120.68 6.98 -30.56	119.29 6.97 -30.29	109.34 7.26 -16.64
LIGHTHSE_115KV_TB6 355974	83.21 -1.15 -2.32	82.14 -1.31 -1.59	81.19 -1.38 -1.60	93.74 -2.01 0.00	97.57 -1.89 0.00	82.51 -1.34 0.00	120.54 -2.21 0.00	147.37 -2.55 0.00	130.43 -2.66 0.00	107.84 -1.98 0.00	111.84 -2.17 0.00	84.98 -1.38 0.00	84.34 -1.37 0.00	90.18 -1.28 0.00	88.30 -1.16 0.00	95.17 -1.45 0.00	93.63 -1.33 0.00	114.15 -1.15 0.00	95.24 -1.06 0.00	87.14 -1.06 0.00	90.97 -1.48 0.00	81.97 -1.16 0.00	80.72 -1.31 0.00	83.89 -1.54 0.00
LINDEN COGEN____ 23786	115.91 5.91 -27.97	108.76 5.81 -21.09	107.72 5.58 -21.17	101.87 6.51 0.39	106.03 6.86 0.29	108.85 6.96 -18.04	142.65 9.08 -10.81	132.33 12.30 29.89	111.89 11.57 32.78	104.02 10.44 16.23	118.81 10.37 5.57	118.81 8.37 -24.07	118.81 8.40 -24.69	118.81 8.87 -18.48	118.81 8.59 -20.76	119.56 9.28 -13.66	120.56 8.83 -16.77	154.42 10.49 -28.62	133.79 8.76 -28.73	126.58 8.20 -30.18	119.81 8.22 -19.14	118.81 7.73 -27.94	122.33 7.95 -32.35	111.26 8.38 -17.45
LINDHRST_69_KV_BK1 356055	139.82 9.43 -48.36	129.66 9.33 -38.47	128.11 9.07 -38.07	127.21 10.63 -20.84	127.74 11.04 -17.24	145.19 10.82 -50.52	163.57 15.34 -25.48	189.25 19.19 -20.15	162.10 17.17 -11.84	144.94 14.61 -20.52	138.36 14.36 -9.99	133.85 11.57 -35.91	133.10 11.40 -35.98	133.62 12.16 -30.00	142.06 11.90 -40.70	149.55 13.14 -39.79	172.11 12.72 -64.43	201.50 15.34 -70.86	186.86 12.90 -77.65	172.52 12.08 -72.24	161.24 12.20 -56.59	154.08 11.14 -59.81	137.93 11.24 -44.66	125.97 11.70 -28.83
LIPA_MISC_IPP 23656	138.91 9.60 -47.28	129.97 9.50 -38.61	128.48 9.47 -38.04	128.67 11.11 -21.82	128.90 11.54 -17.90	148.52 11.24 -53.43	159.38 16.33 -20.31	183.04 20.54 -12.59	157.57 16.90 -7.57	139.45 14.17 -15.46	132.29 13.57 -4.72	128.93 11.05 -31.51	128.15 10.89 -31.55	128.75 11.71 -25.58	136.50 11.45 -35.58	145.01 13.43 -34.96	165.79 13.48 -57.35	200.21 16.72 -68.19	183.10 13.96 -72.84	168.67 13.14 -67.33	159.66 13.13 -54.08	149.02 11.72 -54.16	136.37 11.65 -42.70	126.41 12.13 -28.85
LISF__SOLAR 323691	139.08 9.76 -47.30	130.12 9.65 -38.61	128.48 9.47 -38.04	128.85 11.29 -21.81	129.19 11.83 -17.89	148.41 11.15 -53.40	159.68 16.56 -20.37	183.58 20.99 -12.67	158.01 17.29 -7.62	139.72 14.38 -15.52	132.57 13.79 -4.78	129.14 11.22 -31.56	128.29 10.97 -31.60	128.90 11.80 -25.64	136.65 11.55 -35.64	145.27 13.63 -35.02	166.44 14.05 -57.43	200.59 17.06 -68.22	183.55 14.35 -72.90	168.99 13.40 -67.39	159.96 13.40 -54.11	149.25 11.89 -54.23	136.56 11.82 -42.72	126.59 12.31 -28.85

LITTLE FALLS___HYD 24013	87.03 5.00 0.00	86.77 4.91 0.00	85.66 4.70 0.00	101.20 5.46 0.00	105.33 5.87 0.00	89.05 5.20 0.00	130.24 7.49 0.00	158.46 8.55 0.00	140.55 7.45 0.00	116.19 6.37 0.00	120.50 6.50 0.00	91.63 5.27 0.00	90.94 5.23 0.00	97.04 5.58 0.00	94.92 5.46 0.00	102.42 5.80 0.00	100.56 5.60 0.00	122.11 6.80 0.00	101.89 5.59 0.00	93.31 5.12 0.00	97.53 5.08 0.00	88.12 4.99 0.00	86.95 4.92 0.00	90.64 5.21 0.00
LITTLRIV_115KV_TB1 356100	81.37 -0.66 0.00	81.29 -0.57 0.00	80.73 -0.24 0.00	95.46 -0.29 0.00	98.77 -0.70 0.00	82.51 -1.34 0.00	120.29 -2.45 0.00	147.97 -1.95 0.00	130.83 -2.26 0.00	106.74 -3.07 0.00	112.29 -1.71 0.00	84.38 -1.99 0.00	83.74 -1.97 0.00	89.36 -2.10 0.00	87.67 -1.79 0.00	93.82 -2.80 0.00	92.96 -1.99 0.00	113.23 -2.08 0.00	94.57 -1.73 0.00	85.99 -2.20 0.00	91.06 -1.39 0.00	82.05 -1.08 0.00	81.29 -0.74 0.00	84.83 -0.60 0.00
LI_NEWBRDGE___DRP 323616	136.22 7.71 -46.47	128.24 7.69 -38.69	126.45 7.45 -38.03	126.88 8.81 -22.33	126.85 9.15 -18.24	147.91 9.14 -54.91	152.05 12.27 -17.03	173.36 15.59 -7.85	152.37 14.37 -4.90	134.74 12.63 -12.30	127.74 12.31 -1.42	125.05 9.93 -28.75	124.34 9.86 -28.77	124.80 10.52 -22.82	132.04 10.20 -32.38	139.57 11.01 -31.94	158.42 10.54 -52.92	194.51 12.68 -66.52	176.70 10.59 -69.80	162.29 9.88 -64.22	154.84 9.98 -52.41	143.01 9.39 -50.48	132.93 9.52 -41.39	124.19 10.00 -28.76
LOCKPORT_115KV_TB60_63_64 80432	80.14 -6.73 -4.83	77.97 -7.20 -3.31	76.68 -7.61 -3.32	85.12 -10.63 -0.01	88.92 -10.54 0.00	76.39 -7.46 0.00	110.72 -12.03 0.00	131.63 -18.29 0.00	116.72 -16.37 0.00	96.84 -13.18 -0.20	99.75 -14.25 0.00	78.30 -9.15 -1.09	77.89 -8.91 -1.10	83.01 -10.06 -1.61	80.85 -9.84 -1.23	87.60 -10.05 -1.03	86.21 -10.45 -1.69	105.84 -11.65 -2.18	87.68 -10.69 -2.07	80.98 -8.91 -1.69	82.48 -11.09 -1.12	75.49 -8.56 -0.91	74.75 -8.12 -0.84	79.96 -7.95 -2.47
LOCKPORT___CC1 323769	79.93 -6.97 -4.87	77.83 -7.37 -3.33	76.54 -7.77 -3.35	84.74 -11.01 -0.01	88.52 -10.94 0.00	76.14 -7.71 0.00	110.23 -12.52 0.00	130.87 -19.04 0.00	116.19 -16.91 0.00	96.51 -13.51 -0.20	99.30 -14.71 0.00	77.97 -9.50 -1.10	77.73 -9.09 -1.10	82.75 -10.34 -1.63	80.59 -10.11 -1.24	87.22 -10.44 -1.04	85.84 -10.83 -1.71	105.28 -12.23 -2.20	87.22 -11.17 -2.09	80.64 -9.26 -1.70	82.21 -11.37 -1.13	75.24 -8.81 -0.92	74.51 -8.37 -0.85	79.81 -8.12 -2.49
LOCKPORT___CC2 323770	79.93 -6.97 -4.87	77.83 -7.37 -3.33	76.54 -7.77 -3.35	84.74 -11.01 -0.01	88.52 -10.94 0.00	76.14 -7.71 0.00	110.23 -12.52 0.00	130.87 -19.04 0.00	116.19 -16.91 0.00	96.51 -13.51 -0.20	99.30 -14.71 0.00	77.97 -9.50 -1.10	77.73 -9.09 -1.10	82.75 -10.34 -1.63	80.59 -10.11 -1.24	87.22 -10.44 -1.04	85.84 -10.83 -1.71	105.28 -12.23 -2.20	87.22 -11.17 -2.09	80.64 -9.26 -1.70	82.21 -11.37 -1.13	75.24 -8.81 -0.92	74.51 -8.37 -0.85	79.81 -8.12 -2.49
LOCKPORT___CC3 323771	79.93 -6.97 -4.87	77.83 -7.37 -3.33	76.54 -7.77 -3.35	84.74 -11.01 -0.01	88.52 -10.94 0.00	76.14 -7.71 0.00	110.23 -12.52 0.00	130.87 -19.04 0.00	116.19 -16.91 0.00	96.51 -13.51 -0.20	99.30 -14.71 0.00	77.97 -9.50 -1.10	77.73 -9.09 -1.10	82.75 -10.34 -1.63	80.59 -10.11 -1.24	87.22 -10.44 -1.04	85.84 -10.83 -1.71	105.28 -12.23 -2.20	87.22 -11.17 -2.09	80.64 -9.26 -1.70	82.21 -11.37 -1.13	75.24 -8.81 -0.92	74.51 -8.37 -0.85	79.81 -8.12 -2.49
LONG_LAKE_PHOENIX 24014	82.63 -1.89 -2.48	81.60 -1.96 -1.70	80.65 -2.02 -1.71	93.07 -2.68 0.00	96.78 -2.69 0.00	82.01 -1.84 0.00	120.05 -2.70 0.00	146.47 -3.45 0.00	129.77 -3.33 0.00	107.29 -2.53 0.00	111.04 -2.96 0.00	84.46 -1.90 0.00	83.91 -1.80 0.00	89.54 -1.92 0.00	87.58 -1.88 0.00	94.69 -1.93 0.00	92.96 -1.99 0.00	113.11 -2.19 0.00	94.37 -1.93 0.00	86.52 -1.68 0.00	90.23 -2.22 0.00	81.31 -1.83 0.00	80.14 -1.89 0.00	83.30 -2.14 0.00
LOVETT___3 23632	116.85 4.92 -29.90	107.15 4.83 -20.46	106.20 4.70 -20.54	101.34 5.55 -0.05	105.13 5.67 0.00	107.46 6.21 -17.40	141.04 7.98 -10.31	165.64 10.19 -5.53	146.26 9.58 -3.58	128.71 8.57 -10.33	122.55 8.55 0.00	119.13 7.00 -25.78	118.44 6.94 -25.79	119.17 7.32 -20.39	125.52 7.07 -28.99	132.42 7.73 -28.07	150.11 7.31 -47.84	185.67 8.65 -61.72	165.43 7.32 -61.81	149.55 6.88 -54.48	136.75 6.93 -37.37	120.43 6.57 -30.73	119.05 6.56 -30.45	108.97 6.83 -16.71
LOVETT___4 23642	116.85 4.92 -29.90	107.15 4.83 -20.46	106.20 4.70 -20.54	101.34 5.55 -0.05	105.13 5.67 0.00	107.46 6.21 -17.40	141.04 7.98 -10.31	165.64 10.19 -5.53	146.26 9.58 -3.58	128.71 8.57 -10.33	122.55 8.55 0.00	119.13 7.00 -25.78	118.44 6.94 -25.79	119.17 7.32 -20.39	125.52 7.07 -28.99	132.42 7.73 -28.07	150.11 7.31 -47.84	185.67 8.65 -61.72	165.43 7.32 -61.81	149.55 6.88 -54.48	136.75 6.93 -37.37	120.43 6.57 -30.73	119.05 6.56 -30.45	108.97 6.83 -16.71
LOVETT___5 23593	116.85 4.92 -29.90	107.15 4.83 -20.46	106.20 4.70 -20.54	101.34 5.55 -0.05	105.13 5.67 0.00	107.46 6.21 -17.40	141.04 7.98 -10.31	165.64 10.19 -5.53	146.26 9.58 -3.58	128.71 8.57 -10.33	122.55 8.55 0.00	119.13 7.00 -25.78	118.44 6.94 -25.79	119.17 7.32 -20.39	125.52 7.07 -28.99	132.42 7.73 -28.07	150.11 7.31 -47.84	185.67 8.65 -61.72	165.43 7.32 -61.81	149.55 6.88 -54.48	136.75 6.93 -37.37	120.43 6.57 -30.73	119.05 6.56 -30.45	108.97 6.83 -16.71
LOWER RAQUET___HYD 24057	80.39 -1.64 0.00	80.39 -1.47 0.00	79.83 -1.13 0.00	94.40 -1.34 0.00	97.57 -1.89 0.00	81.17 -2.69 0.00	118.08 -4.66 0.00	145.11 -4.80 0.00	128.43 -4.66 0.00	104.88 -4.94 0.00	110.59 -3.42 0.00	83.17 -3.19 0.00	82.54 -3.17 0.00	88.08 -3.38 0.00	86.33 -3.13 0.00	92.18 -4.44 0.00	91.35 -3.61 0.00	111.16 -4.15 0.00	92.93 -3.37 0.00	84.50 -3.70 0.00	89.49 -2.96 0.00	80.89 -2.24 0.00	80.22 -1.81 0.00	83.90 -1.54 0.00
LOWER___HUDSON 24059	126.01 4.76 -39.22	113.37 4.66 -26.85	112.52 4.61 -26.94	101.16 5.36 -0.06	105.03 5.57 0.00	188.51 5.53 -99.13	188.98 7.49 -58.74	190.11 8.69 -31.50	161.33 7.85 -20.39	149.55 7.13 -32.60	121.19 7.19 0.00	97.54 5.79 -5.39	96.85 5.74 -5.39	124.36 6.13 -26.77	101.79 6.09 -6.24	130.20 6.38 -27.20	154.37 6.08 -53.33	191.97 7.15 -69.52	186.29 6.17 -83.82	185.33 5.82 -91.32	165.60 5.92 -67.23	145.12 5.49 -56.50	151.51 5.50 -63.98	147.85 5.72 -56.70
LOWVILLE_115KV_TB2 356335	85.43 2.38 -1.02	84.77 2.21 -0.70	83.78 2.11 -0.70	97.85 2.11 0.00	101.95 2.49 0.00	85.53 1.68 0.00	124.34 1.60 0.00	152.47 2.55 0.00	134.56 1.46 0.00	110.37 0.55 0.00	114.80 0.80 0.00	86.79 0.43 0.00	86.14 0.43 0.00	92.65 1.19 0.00	91.07 1.61 0.00	98.65 2.03 0.00	97.52 2.56 0.00	119.80 4.50 0.00	99.86 3.56 0.00	90.49 2.29 0.00	94.67 2.22 0.00	84.96 1.83 0.00	83.26 1.23 0.00	86.37 0.94 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	127.30 5.33 -39.94	114.44 5.24 -27.34	113.67 5.26 -27.44	101.84 6.03 -0.06	105.83 6.37 0.00	206.40 5.70 -116.84	200.22 8.22 -69.24	196.80 9.74 -37.13	165.91 8.78 -24.03	155.26 7.58 -37.87	121.53 7.52 0.00	95.68 5.96 -3.35	94.81 5.74 -3.36	126.99 6.31 -29.22	99.81 6.35 -3.99	132.83 6.96 -29.25	160.01 6.84 -58.21	199.45 8.19 -75.96	196.18 6.74 -93.14	197.69 6.44 -103.05	175.03 6.38 -76.21	153.08 5.82 -64.13	160.76 5.58 -73.15	156.13 5.72 -64.98

LUTHERNY_35_KV_BK2 355980	127.38 5.41 -39.94	114.52 5.32 -27.34	113.75 5.34 -27.44	101.93 6.13 -0.06	105.83 6.37 0.00	206.48 5.79 -116.84	200.34 8.35 -69.24	196.95 9.89 -37.13	166.04 8.92 -24.03	155.26 7.58 -37.87	121.53 7.52 0.00	95.68 5.96 -3.35	94.90 5.83 -3.36	126.99 6.31 -29.22	99.89 6.44 -3.99	132.93 7.05 -29.25	160.01 6.84 -58.21	199.57 8.30 -75.96	196.28 6.84 -93.14	197.69 6.44 -103.05	175.12 6.47 -76.21	153.17 5.90 -64.13	160.84 5.66 -73.15	156.13 5.72 -64.98
LWR___OSWEGATCHIE_HYD 23850	82.76 0.00 -0.73	82.28 -0.08 -0.50	81.55 0.08 -0.50	95.55 -0.19 0.00	99.16 -0.30 0.00	83.10 -0.75 0.00	120.66 -2.09 0.00	148.27 -1.65 0.00	130.97 -2.13 0.00	107.18 -2.64 0.00	112.29 -1.71 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	90.09 -1.37 0.00	88.39 -1.07 0.00	95.08 -1.55 0.00	94.01 -0.95 0.00	114.84 -0.46 0.00	95.92 -0.39 0.00	87.05 -1.15 0.00	91.71 -0.74 0.00	82.64 -0.50 0.00	81.46 -0.57 0.00	84.75 -0.68 0.00
LYONS_FALL_HYD 23570	85.66 2.62 -1.00	85.00 2.45 -0.69	84.01 2.35 -0.69	98.14 2.39 0.00	102.24 2.78 0.00	86.12 2.26 0.00	125.57 2.83 0.00	153.81 3.89 0.00	135.89 2.80 0.00	111.68 1.87 0.00	116.06 2.05 0.00	87.92 1.56 0.00	87.17 1.46 0.00	93.57 2.11 0.00	91.88 2.42 0.00	99.43 2.80 0.00	98.09 3.13 0.00	119.92 4.62 0.00	100.05 3.75 0.00	91.02 2.82 0.00	95.13 2.68 0.00	85.46 2.32 0.00	83.92 1.89 0.00	87.05 1.62 0.00
MADISON___COUNTY_LFGE 323628	87.14 3.20 -1.92	86.20 3.03 -1.31	85.12 2.83 -1.32	98.81 3.06 0.00	102.94 3.48 0.00	87.46 3.61 0.00	128.03 5.28 0.00	156.21 6.30 0.00	138.15 5.06 0.00	113.88 4.06 0.00	117.99 3.99 0.00	89.64 3.28 0.00	88.88 3.17 0.00	95.12 3.66 0.00	93.13 3.67 0.00	100.87 4.25 0.00	99.14 4.18 0.00	120.61 5.30 0.00	100.54 4.24 0.00	91.99 3.79 0.00	95.96 3.51 0.00	86.38 3.24 0.00	84.90 2.87 0.00	88.34 2.90 0.00
MALONE___115KV_TB1 356076	81.70 -0.33 0.00	81.70 -0.16 0.00	81.13 0.16 0.00	96.03 0.29 0.00	99.36 -0.10 0.00	83.27 -0.59 0.00	122.01 -0.74 0.00	149.47 -0.45 0.00	132.30 -0.80 0.00	108.39 -1.43 0.00	113.43 -0.57 0.00	85.50 -0.86 0.00	84.68 -1.03 0.00	90.18 -1.28 0.00	88.30 -1.16 0.00	95.08 -1.55 0.00	94.39 -0.57 0.00	114.61 -0.69 0.00	96.01 -0.29 0.00	87.31 -0.88 0.00	92.36 -0.09 0.00	83.05 -0.08 0.00	81.70 -0.33 0.00	85.35 -0.09 0.00
MAPLEWOD_115KV_TB3 80458	125.29 4.27 -38.99	112.81 4.26 -26.69	111.97 4.21 -26.79	100.69 4.88 -0.06	104.53 5.07 0.00	169.91 5.12 -80.94	177.34 6.63 -47.96	183.29 7.65 -25.72	156.79 7.05 -16.65	143.15 6.59 -26.74	120.96 6.95 0.00	97.05 5.61 -5.07	96.27 5.49 -5.08	120.46 5.94 -23.06	100.95 5.64 -5.85	125.36 5.89 -22.84	144.87 5.32 -44.59	179.52 6.11 -58.11	171.22 5.20 -69.72	168.83 5.03 -75.61	153.03 4.99 -55.59	134.66 4.82 -46.70	139.80 5.00 -52.76	139.03 5.30 -48.30
MAPLE_RIDGE_WT_1 323574	81.05 -0.98 0.00	80.88 -0.98 0.00	80.00 -0.97 0.00	94.60 -1.14 0.00	98.07 -1.39 0.00	82.35 -1.51 0.00	120.54 -2.21 0.00	147.22 -2.69 0.00	130.56 -2.53 0.00	107.62 -2.20 0.00	112.18 -1.83 0.00	84.89 -1.47 0.00	84.34 -1.37 0.00	90.09 -1.37 0.00	88.21 -1.25 0.00	95.27 -1.35 0.00	93.82 -1.14 0.00	113.93 -1.38 0.00	95.05 -1.25 0.00	86.88 -1.32 0.00	91.24 -1.20 0.00	81.89 -1.24 0.00	80.80 -1.23 0.00	84.15 -1.28 0.00
MAPLE_RIDGE_WT_2 323611	81.05 -0.98 0.00	80.88 -0.98 0.00	80.00 -0.97 0.00	94.60 -1.14 0.00	98.07 -1.39 0.00	82.35 -1.51 0.00	120.54 -2.21 0.00	147.22 -2.69 0.00	130.56 -2.53 0.00	107.62 -2.20 0.00	112.18 -1.83 0.00	84.89 -1.47 0.00	84.34 -1.37 0.00	90.09 -1.37 0.00	88.21 -1.25 0.00	95.27 -1.35 0.00	93.82 -1.14 0.00	113.93 -1.38 0.00	95.05 -1.25 0.00	86.88 -1.32 0.00	91.24 -1.20 0.00	81.89 -1.24 0.00	80.80 -1.23 0.00	84.15 -1.28 0.00
MARBLE_RIVER_WT_PWR 323696	80.71 -1.32 0.00	80.71 -1.15 0.00	80.08 -0.89 0.00	95.08 -0.67 0.00	98.47 -0.99 0.00	82.60 -1.26 0.00	120.91 -1.84 0.00	147.67 -2.24 0.00	130.83 -2.26 0.00	107.30 -2.52 0.00	112.52 -1.49 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	89.45 -2.01 0.00	87.58 -1.88 0.00	94.50 -2.13 0.00	93.63 -1.33 0.00	113.58 -1.73 0.00	95.05 -1.25 0.00	86.61 -1.58 0.00	91.52 -0.92 0.00	81.97 -1.16 0.00	80.71 -1.32 0.00	84.49 -0.94 0.00
MARSHVLE_115KV_TB1 80742	131.18 4.35 -44.80	116.79 4.26 -30.67	116.04 4.29 -30.78	100.60 4.79 -0.07	104.63 5.17 0.00	196.76 4.70 -108.21	194.61 7.73 -64.13	193.00 8.70 -34.39	162.40 7.05 -22.26	149.64 4.94 -34.88	117.65 3.65 0.00	90.98 2.50 -2.11	90.40 2.57 -2.11	121.24 3.29 -26.49	95.62 3.58 -2.58	128.00 5.22 -26.16	153.12 5.79 -52.37	191.27 7.61 -68.36	186.65 5.97 -84.38	187.77 5.64 -93.93	167.57 5.55 -69.58	146.87 5.15 -58.58	153.55 4.51 -67.01	149.65 4.19 -60.03
MARSH_HILL_WT_PWR 323713	87.17 -1.64 -6.78	84.53 -1.97 -4.64	83.36 -2.27 -4.65	92.69 -3.07 -0.01	96.38 -3.08 0.00	86.64 -0.58 -3.37	123.28 -1.47 -2.00	146.04 -4.94 -1.07	128.87 -4.92 -0.69	107.66 -3.52 -1.36	109.32 -4.68 0.00	85.84 -2.07 -1.55	85.21 -2.06 -1.55	91.67 -2.10 -2.31	89.33 -1.88 -1.75	97.39 -1.45 -2.21	97.37 -1.52 -3.94	119.36 -1.04 -5.10	100.50 -1.25 -5.45	92.63 -0.80 -5.23	94.11 -2.03 -3.70	85.22 -0.99 -3.07	84.12 -1.15 -3.24	88.23 -0.77 -3.57
MCINTYRE_115KV_TB2 80467	81.78 -0.25 0.00	81.78 -0.08 0.00	81.21 0.24 0.00	96.03 0.29 0.00	99.46 0.00 0.00	83.27 -0.59 0.00	121.89 -0.86 0.00	149.77 -0.15 0.00	132.43 -0.67 0.00	107.95 -1.87 0.00	113.21 -0.80 0.00	84.98 -1.38 0.00	84.34 -1.37 0.00	90.00 -1.46 0.00	88.30 -1.16 0.00	94.69 -1.93 0.00	94.01 -0.95 0.00	114.38 -0.92 0.00	95.63 -0.67 0.00	86.96 -1.23 0.00	92.08 -0.37 0.00	82.72 -0.42 0.00	81.78 -0.25 0.00	85.35 -0.09 0.00
MECO_____69_KV_BK1 80468	131.64 6.48 -43.13	117.77 6.39 -29.52	117.07 6.48 -29.63	103.09 7.28 -0.07	107.22 7.76 0.00	206.62 6.71 -116.06	202.21 10.68 -68.78	199.25 12.44 -36.89	167.48 10.51 -23.87	155.09 7.91 -37.36	121.07 7.07 0.00	93.62 5.27 -1.98	92.93 5.23 -1.99	125.44 5.85 -28.13	98.18 6.26 -2.45	132.14 7.73 -27.79	158.95 8.26 -55.73	198.56 10.49 -72.76	194.65 8.38 -89.97	196.44 7.94 -100.30	174.73 7.95 -74.33	152.88 7.15 -62.59	160.16 6.48 -71.65	155.72 6.24 -64.05
MENANDS___115KV_TB5 355628	124.96 4.02 -38.91	112.51 4.01 -26.63	111.67 3.97 -26.73	100.40 4.60 -0.06	104.24 4.77 0.00	166.36 4.86 -77.64	174.90 6.14 -46.01	181.64 7.05 -24.68	155.58 6.52 -15.97	141.77 6.26 -25.69	120.73 6.73 0.00	96.88 5.44 -5.07	96.10 5.31 -5.08	119.64 5.76 -22.42	100.68 5.37 -5.85	124.24 5.51 -22.11	142.90 4.84 -43.10	176.88 5.42 -56.16	168.29 4.72 -67.27	165.63 4.59 -72.85	150.51 4.53 -53.54	132.60 4.49 -44.97	137.56 4.76 -50.77	137.34 5.13 -46.78
MG INDUSTRY___DRP 24185	123.68 3.61 -38.04	111.50 3.60 -26.04	110.66 3.56 -26.13	100.01 4.21 -0.06	103.84 4.38 0.00	132.17 3.44 -44.88	153.64 4.30 -26.60	168.98 4.80 -14.26	146.58 4.26 -9.23	128.65 4.06 -14.77	118.34 4.33 0.00	92.47 3.63 -2.48	91.71 3.51 -2.48	110.03 3.84 -14.73	96.01 3.67 -2.87	112.84 3.86 -12.36	122.59 3.42 -24.21	150.79 3.92 -31.56	137.71 3.37 -38.03	132.87 3.26 -41.41	126.08 3.14 -30.49	112.00 3.24 -25.62	114.48 3.45 -29.00	120.88 3.67 -31.78

MID___OSWEGATCHIE_HYD 23849	82.76 0.00 -0.73	82.28 -0.08 -0.50	81.55 0.08 -0.50	95.55 -0.19 0.00	99.16 -0.30 0.00	83.10 -0.75 0.00	120.66 -2.09 0.00	148.27 -1.65 0.00	130.97 -2.13 0.00	107.18 -2.64 0.00	112.29 -1.71 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	90.09 -1.37 0.00	88.39 -1.07 0.00	95.08 -1.55 0.00	94.01 -0.95 0.00	114.84 -0.46 0.00	95.92 -0.39 0.00	87.05 -1.15 0.00	91.71 -0.74 0.00	82.64 -0.50 0.00	81.46 -0.57 0.00	84.75 -0.68 0.00
MID___RAQUETTE_HYD 23851	80.39 -1.64 0.00	80.39 -1.47 0.00	79.83 -1.13 0.00	94.40 -1.34 0.00	97.57 -1.89 0.00	81.34 -2.52 0.00	118.08 -4.66 0.00	145.12 -4.80 0.00	128.44 -4.66 0.00	104.98 -4.83 0.00	110.58 -3.42 0.00	83.17 -3.20 0.00	82.54 -3.17 0.00	88.08 -3.38 0.00	86.33 -3.13 0.00	92.18 -4.44 0.00	91.35 -3.61 0.00	111.15 -4.15 0.00	92.93 -3.37 0.00	84.49 -3.70 0.00	89.49 -2.96 0.00	80.89 -2.24 0.00	80.23 -1.80 0.00	83.89 -1.54 0.00
MILLIKEN___1 23584	90.71 2.05 -6.63	88.28 1.88 -4.54	87.23 1.70 -4.56	97.48 1.72 -0.01	101.45 1.99 0.00	90.21 2.68 -3.67	128.85 3.93 -2.17	155.43 4.35 -1.17	137.18 3.33 -0.75	114.13 2.86 -1.45	116.28 2.28 0.00	90.23 2.33 -1.53	89.65 2.40 -1.53	96.38 2.56 -2.36	93.78 2.59 -1.73	101.97 3.09 -2.26	102.13 3.13 -4.04	124.69 4.15 -5.23	105.40 3.47 -5.63	96.91 3.26 -5.45	98.90 2.59 -3.86	88.92 2.58 -3.21	87.73 2.30 -3.40	91.53 2.39 -3.70
MILLIKEN___2 23585	90.71 2.05 -6.63	88.28 1.88 -4.54	87.23 1.70 -4.56	97.48 1.72 -0.01	101.45 1.99 0.00	90.21 2.68 -3.67	128.85 3.93 -2.17	155.43 4.35 -1.17	137.18 3.33 -0.75	114.13 2.86 -1.45	116.28 2.28 0.00	90.23 2.33 -1.53	89.65 2.40 -1.53	96.38 2.56 -2.36	93.78 2.59 -1.73	101.97 3.09 -2.26	102.13 3.13 -4.04	124.69 4.15 -5.23	105.40 3.47 -5.63	96.91 3.26 -5.45	98.90 2.59 -3.86	88.92 2.58 -3.21	87.73 2.30 -3.40	91.53 2.39 -3.70
MILLIKEN___DIESEL 23629	90.71 2.05 -6.63	88.28 1.88 -4.54	87.23 1.70 -4.56	97.48 1.72 -0.01	101.45 1.99 0.00	90.21 2.68 -3.67	128.85 3.93 -2.17	155.43 4.35 -1.17	137.18 3.33 -0.75	114.13 2.86 -1.45	116.28 2.28 0.00	90.23 2.33 -1.53	89.65 2.40 -1.53	96.38 2.56 -2.36	93.78 2.59 -1.73	101.97 3.09 -2.26	102.13 3.13 -4.04	124.69 4.15 -5.23	105.40 3.47 -5.63	96.91 3.26 -5.45	98.90 2.59 -3.86	88.92 2.58 -3.21	87.73 2.30 -3.40	91.53 2.39 -3.70
MILLSEAT___LFGE 323607	82.13 -4.59 -4.69	79.92 -5.15 -3.21	78.68 -5.51 -3.22	87.61 -8.14 -0.01	91.41 -8.05 0.00	78.57 -5.28 0.00	114.28 -8.47 0.00	136.72 -13.19 0.00	121.25 -11.85 0.00	100.46 -9.55 -0.20	103.28 -10.72 0.00	80.78 -6.65 -1.06	80.43 -6.34 -1.06	85.79 -7.23 -1.56	83.50 -7.16 -1.19	90.47 -7.15 -1.00	89.19 -7.41 -1.64	109.69 -7.72 -2.11	90.90 -7.41 -2.01	83.83 -6.00 -1.64	85.49 -8.04 -1.09	77.96 -6.07 -0.89	76.94 -5.91 -0.82	81.93 -5.89 -2.39
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	118.85 5.82 -31.00	108.81 5.73 -21.22	107.77 5.51 -21.29	102.30 6.51 -0.05	106.23 6.76 0.00	109.11 7.13 -18.13	142.70 9.21 -10.75	167.52 11.84 -5.76	148.00 11.18 -3.73	130.55 9.88 -10.85	123.81 9.80 0.00	121.61 7.95 -27.30	120.91 7.89 -27.31	121.32 8.41 -21.44	128.30 8.14 -30.70	135.17 8.89 -29.66	153.94 8.45 -50.53	190.52 10.03 -65.19	170.02 8.47 -65.24	153.58 7.94 -57.45	139.79 7.95 -39.39	123.01 7.48 -32.39	121.57 7.46 -32.07	110.55 7.77 -17.34
MILLWOOD_13_KV_LOAD 356217	119.01 5.99 -31.00	108.97 5.89 -21.22	107.93 5.67 -21.29	102.49 6.70 -0.05	106.42 6.96 0.00	109.28 7.30 -18.13	143.07 9.57 -10.75	167.97 12.29 -5.76	148.40 11.58 -3.73	130.77 10.10 -10.85	124.15 10.15 0.00	121.87 8.20 -27.30	121.17 8.14 -27.31	121.59 8.69 -21.44	128.57 8.41 -30.70	135.46 9.18 -29.66	154.23 8.74 -50.53	190.87 10.38 -65.19	170.30 8.76 -65.24	153.85 8.20 -57.45	140.07 8.23 -39.39	123.26 7.73 -32.39	121.81 7.71 -32.07	110.72 7.95 -17.34
MODEL_CITY_ENERGY 24167	79.41 -7.55 -4.92	77.29 -7.94 -3.37	76.09 -8.26 -3.38	84.35 -11.40 -0.01	88.03 -11.43 0.00	75.72 -8.13 0.00	109.73 -13.01 0.00	130.28 -19.63 0.00	115.52 -17.57 0.00	95.97 -14.06 -0.21	98.73 -15.27 0.00	77.46 -10.02 -1.12	77.23 -9.60 -1.12	82.22 -10.89 -1.64	80.07 -10.65 -1.25	86.75 -10.92 -1.05	85.19 -11.49 -1.73	104.62 -12.91 -2.22	86.66 -11.75 -2.11	80.04 -9.88 -1.72	81.58 -12.02 -1.14	74.59 -9.48 -0.93	73.95 -8.94 -0.86	79.16 -8.80 -2.52
MODERN_LFGE___ 323580	79.41 -7.55 -4.92	77.29 -7.94 -3.37	76.09 -8.26 -3.38	84.35 -11.40 -0.01	88.03 -11.43 0.00	75.72 -8.13 0.00	109.73 -13.01 0.00	130.28 -19.63 0.00	115.52 -17.57 0.00	95.97 -14.06 -0.21	98.73 -15.27 0.00	77.46 -10.02 -1.12	77.23 -9.60 -1.12	82.22 -10.89 -1.64	80.07 -10.65 -1.25	86.75 -10.92 -1.05	85.19 -11.49 -1.73	104.62 -12.91 -2.22	86.66 -11.75 -2.11	80.04 -9.88 -1.72	81.58 -12.02 -1.14	74.59 -9.48 -0.93	73.95 -8.94 -0.86	79.16 -8.80 -2.52
MOHAWK_PAPER___DRP 24187	125.29 4.27 -38.99	112.81 4.26 -26.69	111.97 4.21 -26.79	100.69 4.88 -0.06	104.53 5.07 0.00	169.91 5.12 -80.94	177.34 6.63 -47.96	183.29 7.65 -25.72	156.79 7.05 -16.65	143.15 6.59 -26.74	120.96 6.95 0.00	97.05 5.61 -5.07	96.27 5.49 -5.08	120.46 5.94 -23.06	100.95 5.64 -5.85	125.36 5.89 -22.84	144.87 5.32 -44.59	179.52 6.11 -58.11	171.22 5.20 -69.72	168.83 5.03 -75.61	153.03 4.99 -55.59	134.66 4.82 -46.70	139.80 5.00 -52.76	139.03 5.30 -48.30
MOHICAN___35_KV_115KV_LD 80490	128.00 5.99 -39.98	115.20 5.98 -27.37	114.42 5.99 -27.46	102.60 6.80 -0.06	106.62 7.16 0.00	208.02 6.46 -117.71	202.08 9.57 -69.75	198.87 11.54 -37.41	167.68 10.38 -24.21	156.72 8.79 -38.12	122.67 8.66 0.00	96.42 6.82 -3.24	95.47 6.51 -3.24	127.93 7.13 -29.34	100.66 7.34 -3.86	134.07 8.12 -29.34	161.36 7.98 -58.43	201.35 9.80 -76.24	197.76 7.90 -93.56	199.29 7.50 -103.60	176.56 7.49 -76.63	154.27 6.65 -64.49	161.85 6.23 -73.59	157.05 6.24 -65.38
MONGAUP___HYD 23641	115.48 5.17 -28.28	106.21 4.99 -19.36	105.17 4.78 -19.42	101.53 5.74 -0.04	105.33 5.87 0.00	106.51 6.37 -16.28	139.89 7.49 -9.65	164.39 9.30 -5.18	144.43 7.99 -3.35	126.17 6.81 -9.55	120.50 6.49 0.00	115.70 5.88 -23.47	115.02 5.83 -23.48	116.37 6.13 -18.79	122.02 6.17 -26.39	129.14 6.86 -25.65	145.08 6.36 -43.75	179.48 7.73 -56.45	159.35 6.45 -56.60	144.16 6.00 -49.96	132.75 6.01 -34.29	117.75 6.40 -28.21	116.34 6.32 -27.99	107.58 6.41 -15.74
MONTAUK___DIESEL 23721	139.32 10.01 -47.29	130.46 9.99 -38.61	129.21 10.20 -38.04	129.72 12.16 -21.82	130.09 12.73 -17.90	149.68 12.41 -53.42	161.98 18.90 -20.33	186.37 23.84 -12.62	160.25 19.56 -7.59	141.88 16.58 -15.48	134.25 15.50 -4.74	130.59 12.70 -31.53	129.71 12.43 -31.57	130.51 13.44 -25.60	138.13 13.06 -35.60	147.06 15.46 -34.98	168.10 15.76 -57.38	203.34 19.83 -68.20	185.44 16.27 -72.86	170.72 15.17 -67.35	161.52 14.98 -54.09	150.37 13.05 -54.18	137.61 12.88 -42.70	128.12 13.84 -28.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	82.64 -5.00 -5.61	80.22 -5.48 -3.84	78.75 -6.07 -3.86	88.19 -7.56 -0.01	92.20 -7.26 0.00	82.26 -4.36 -2.77	117.39 -7.00 -1.64	138.05 -12.74 -0.88	122.22 -11.45 -0.57	102.04 -8.90 -1.12	104.54 -9.46 0.00	82.29 -5.35 -1.28	81.94 -5.06 -1.28	87.59 -5.76 -1.89	85.54 -5.37 -1.44	93.03 -5.41 -1.82	92.41 -5.79 -3.24	113.62 -5.88 -4.19	94.72 -6.07 -4.48	87.82 -4.67 -4.30	88.74 -6.75 -3.04	80.67 -4.99 -2.53	79.85 -4.84 -2.66	84.41 -3.93 -2.91

MORRIS RIDGE___SOLAR 323848	85.20 -3.37 -6.53	82.49 -3.85 -4.47	81.16 -4.29 -4.49	90.10 -5.65 -0.01	93.89 -5.57 0.00	83.99 -3.10 -3.24	119.39 -5.27 -1.92	141.05 -9.90 -1.03	124.44 -9.32 -0.67	103.88 -7.25 -1.31	105.69 -8.32 0.00	83.02 -4.83 -1.50	82.66 -4.55 -1.50	88.65 -5.03 -2.22	86.49 -4.66 -1.69	94.31 -4.44 -2.13	94.10 -4.65 -3.79	115.25 -4.95 -4.90	96.83 -4.72 -5.25	89.44 -3.79 -5.03	90.74 -5.27 -3.56	82.35 -3.74 -2.96	81.54 -3.61 -3.12	85.70 -3.16 -3.43
MORTIMER_115KV_TB3 55949	83.43 -2.62 -4.02	81.67 -2.95 -2.75	80.57 -3.16 -2.76	90.48 -5.27 -0.01	94.29 -5.17 0.00	80.50 -3.35 0.00	117.47 -5.28 0.00	142.27 -7.65 0.00	126.17 -6.92 0.00	104.49 -5.49 -0.17	107.73 -6.27 0.00	83.64 -3.63 -0.90	83.02 -3.60 -0.90	88.75 -4.02 -1.32	86.36 -4.12 -1.01	93.41 -4.06 -0.85	92.18 -4.18 -1.40	112.84 -4.27 -1.80	93.87 -4.14 -1.71	86.33 -3.26 -1.39	88.75 -4.62 -0.93	80.31 -3.57 -0.75	79.12 -3.61 -0.70	83.51 -3.93 -2.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	119.66 6.48 -31.15	109.57 6.39 -21.32	108.52 6.15 -21.40	102.97 7.18 -0.05	107.02 7.56 0.00	109.92 7.80 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.23 12.38 -3.76	131.73 10.98 -10.94	125.06 11.06 0.00	122.82 8.90 -27.56	122.11 8.83 -27.57	122.51 9.42 -21.63	129.58 9.13 -30.99	136.42 9.86 -29.94	155.36 9.40 -51.00	192.28 11.18 -65.79	171.48 9.34 -65.83	154.98 8.82 -57.96	140.97 8.78 -39.74	124.13 8.31 -32.68	122.75 8.37 -32.35	111.68 8.80 -17.45
MUNSVILLE_WIND_PWR 323609	100.63 8.61 -9.99	96.97 8.26 -6.84	95.61 7.77 -6.86	104.38 8.62 -0.02	109.41 9.95 0.00	102.06 10.06 -8.15	143.17 15.59 -4.83	171.09 18.59 -2.59	149.94 15.17 -1.68	124.83 11.97 -3.05	125.40 11.40 0.00	98.10 9.33 -2.41	97.47 9.34 -2.41	106.16 10.42 -4.28	102.56 10.37 -2.72	112.58 11.88 -4.08	114.83 12.44 -7.43	140.62 15.68 -9.64	119.64 12.71 -10.63	110.22 11.46 -10.56	111.10 11.09 -7.56	99.33 9.89 -6.30	97.76 8.94 -6.79	101.83 9.23 -7.16
N SALMON___HYD 24042	81.70 -0.33 0.00	81.70 -0.16 0.00	81.13 0.16 0.00	96.03 0.29 0.00	99.36 -0.10 0.00	83.27 -0.58 0.00	122.02 -0.73 0.00	149.47 -0.45 0.00	132.30 -0.79 0.00	108.17 -1.64 0.00	113.55 -0.45 0.00	85.50 -0.86 0.00	84.69 -1.02 0.00	90.18 -1.28 0.00	88.30 -1.17 0.00	95.07 -1.55 0.00	94.39 -0.57 0.00	114.62 -0.69 0.00	96.01 -0.29 0.00	87.31 -0.88 0.00	92.36 -0.09 0.00	83.05 -0.08 0.00	81.70 -0.33 0.00	85.35 -0.09 0.00
N.AKRON__115KV_KNAPP 355671	81.91 -4.84 -4.72	79.77 -5.32 -3.23	78.46 -5.75 -3.25	87.32 -8.43 -0.01	91.21 -8.26 0.00	78.32 -5.53 0.00	113.91 -8.84 0.00	136.27 -13.64 0.00	120.72 -12.38 0.00	100.02 -9.99 -0.20	102.95 -11.06 0.00	80.52 -6.91 -1.07	80.10 -6.69 -1.07	85.53 -7.50 -1.57	83.24 -7.43 -1.20	90.18 -7.44 -1.00	88.92 -7.69 -1.65	109.25 -8.19 -2.13	90.52 -7.80 -2.02	83.50 -6.35 -1.65	85.13 -8.41 -1.10	77.71 -6.32 -0.89	76.70 -6.15 -0.82	81.69 -6.15 -2.41
N.BELMOR_69_KV_BK1 55787	142.88 8.29 -52.57	128.59 8.19 -38.54	127.40 7.93 -38.49	124.33 9.38 -19.21	125.42 9.75 -16.21	138.66 9.73 -45.08	176.60 13.26 -40.59	208.29 16.64 -41.73	172.42 15.31 -24.02	158.16 13.40 -34.94	152.14 13.11 -25.03	145.39 10.54 -48.49	144.65 10.29 -48.65	144.95 10.88 -42.61	155.60 10.83 -55.31	161.92 11.69 -53.61	190.80 11.21 -84.64	207.03 13.26 -78.47	198.97 11.07 -91.59	185.22 10.41 -86.62	167.73 10.63 -64.65	170.36 10.06 -77.17	143.05 10.09 -50.93	125.66 10.59 -29.64
N.E_GEN_SANDY PD 24062	123.00 5.41 -35.56	117.80 5.32 -30.62	114.10 5.19 -27.95	109.46 6.13 -7.58	121.10 6.37 -15.27	132.28 7.04 -41.38	157.59 9.21 -25.63	174.60 10.94 -13.75	152.10 10.11 -8.90	136.67 9.01 -17.85	123.13 9.12 0.00	115.60 7.34 -21.91	115.00 7.37 -21.91	123.29 7.87 -23.96	121.85 7.69 -24.69	134.95 8.12 -30.21	156.31 7.69 -53.66	193.73 9.00 -69.43	177.58 7.80 -73.48	165.23 7.41 -69.62	148.97 7.48 -49.04	130.86 7.06 -40.66	131.61 7.06 -42.52	122.73 7.43 -29.87
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	116.96 5.09 -29.84	107.28 4.99 -20.43	106.33 4.86 -20.50	101.53 5.74 -0.05	105.33 5.87 0.00	107.59 6.37 -17.37	141.27 8.22 -10.29	165.93 10.49 -5.52	146.52 9.85 -3.57	128.91 8.79 -10.31	122.67 8.66 0.00	119.14 7.08 -25.70	118.45 7.03 -25.71	119.30 7.50 -20.34	125.61 7.25 -28.90	132.53 7.92 -27.99	150.17 7.50 -47.71	185.84 8.99 -61.54	165.45 7.51 -61.64	149.58 7.06 -54.33	136.83 7.12 -37.27	120.52 6.73 -30.65	119.13 6.73 -30.37	109.11 7.01 -16.68
N.QUEENS_27_KV_LOAD 356247	120.57 7.38 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.65 7.85 -0.06	107.53 8.06 -0.01	110.26 8.13 -18.27	144.01 10.43 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	132.29 11.53 -10.94	125.64 11.63 -0.01	123.34 9.41 -27.57	122.72 9.43 -27.58	123.06 9.97 -21.63	130.12 9.66 -31.00	136.99 10.44 -29.94	155.82 9.88 -50.99	192.73 11.65 -65.78	171.95 9.82 -65.83	155.42 9.26 -57.96	141.71 9.52 -39.74	124.72 8.90 -32.68	123.33 8.94 -32.36	112.20 9.31 -17.46
N.TROY___115KV_TB1 355778	126.01 4.76 -39.22	113.37 4.67 -26.85	112.53 4.62 -26.94	101.17 5.36 -0.06	105.03 5.57 0.00	188.51 5.53 -99.13	188.98 7.49 -58.74	190.12 8.70 -31.50	161.47 7.99 -20.39	149.55 7.14 -32.60	121.19 7.18 0.00	97.54 5.79 -5.39	96.84 5.74 -5.39	124.36 6.13 -26.77	101.70 5.99 -6.24	130.20 6.38 -27.20	154.37 6.08 -53.33	191.97 7.15 -69.52	186.28 6.16 -83.82	185.34 5.82 -91.32	165.59 5.92 -67.23	145.13 5.49 -56.50	151.51 5.50 -63.98	147.85 5.72 -56.70
NARROWS_GT1_1 24228	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT1_2 24229	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT1_3 24230	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT1_4 24231	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54

NARROWS_GT1_5 24232	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT1_6 24233	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT1_7 24234	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT1_8 24235	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_1 24236	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_2 24237	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_3 24238	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_4 24239	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_5 24240	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_6 24241	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_7 24242	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NARROWS_GT2_8 24243	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	123.79 5.09 -36.68	111.88 4.91 -25.10	110.94 4.78 -25.19	102.60 6.80 -0.06	106.52 7.06 0.00	134.61 5.53 -45.23	156.79 7.24 -26.80	172.69 8.40 -14.37	149.32 6.92 -9.30	131.52 5.93 -15.78	120.62 6.61 0.00	99.40 5.70 -7.34	98.71 5.66 -7.34	114.60 6.04 -17.11	103.69 5.90 -8.33	120.08 6.47 -16.99	133.21 6.36 -31.89	164.47 7.73 -41.44	150.25 6.45 -47.49	143.32 5.91 -49.21	134.06 5.92 -35.69	118.65 5.65 -29.87	120.90 5.91 -32.96	122.11 5.21 -31.47
NCHELSEA_115KV_TR2 355582	119.68 6.64 -31.00	109.55 6.47 -21.22	108.50 6.23 -21.30	103.16 7.37 -0.05	107.02 7.56 0.00	110.91 8.13 -18.93	144.77 10.80 -11.22	169.57 13.64 -6.02	149.23 12.24 -3.89	131.21 10.43 -10.96	124.38 10.37 0.00	121.12 8.20 -26.55	120.42 8.14 -26.56	121.28 8.60 -21.22	127.82 8.50 -29.86	135.04 9.28 -29.14	153.81 9.12 -49.74	190.43 10.95 -64.17	169.96 9.24 -64.41	153.70 8.56 -56.95	140.16 8.60 -39.11	123.37 8.06 -32.18	122.03 8.04 -31.96	111.43 8.29 -17.72
NEG CAPITAL___MECHNVIL 23645	127.33 5.58 -39.72	114.53 5.49 -27.19	113.76 5.51 -27.28	102.12 6.32 -0.06	106.03 6.56 0.00	201.97 6.04 -112.08	197.76 8.59 -66.42	195.74 10.20 -35.62	165.46 9.31 -23.05	154.30 8.01 -36.47	121.98 7.98 0.00	96.66 6.30 -4.00	95.89 6.17 -4.00	126.75 6.67 -28.61	100.88 6.71 -4.70	132.75 7.34 -28.79	159.22 7.21 -57.05	198.37 8.65 -74.42	194.24 7.13 -90.81	195.03 6.79 -100.04	173.08 6.75 -73.89	151.44 6.15 -62.16	158.70 5.91 -70.76	154.24 6.07 -62.75

NEG CENTRAL_HIGH_ACRES 23767	82.67 -3.28 -3.93	80.95 -3.60 -2.69	79.94 -3.72 -2.70	90.01 -5.74 -0.01	93.69 -5.77 0.00	80.08 -3.77 0.00	116.98 -5.77 0.00	142.11 -7.80 0.00	126.04 -7.06 0.00	104.38 -5.60 -0.16	107.62 -6.38 0.00	83.36 -3.88 -0.88	82.74 -3.86 -0.88	88.54 -4.21 -1.29	86.25 -4.20 -0.99	93.20 -4.25 -0.83	91.96 -4.37 -1.36	112.44 -4.62 -1.75	93.73 -4.24 -1.67	86.03 -3.53 -1.36	88.54 -4.81 -0.90	80.05 -3.82 -0.74	78.69 -4.02 -0.68	83.04 -4.35 -1.96
NEG CENTRAL___DRP 24199	86.35 -0.16 -4.48	84.60 -0.33 -3.07	83.48 -0.57 -3.08	94.41 -1.34 -0.01	98.37 -1.09 0.00	84.27 0.42 0.00	122.63 -0.12 0.00	149.02 -0.90 0.00	131.90 -1.20 0.00	109.35 -0.66 -0.19	112.52 -1.48 0.00	87.37 0.00 -1.01	86.73 0.00 -1.01	92.86 -0.09 -1.49	90.60 0.00 -1.14	97.76 0.19 -0.95	96.52 0.00 -1.57	117.66 0.35 -2.01	98.70 0.48 -1.91	90.37 0.62 -1.56	93.12 -0.37 -1.04	84.15 0.17 -0.84	82.73 -0.08 -0.78	87.54 -0.17 -2.28
NEG CENTRAL___INDECK 23768	88.29 0.58 -5.68	85.75 0.00 -3.89	84.55 -0.32 -3.90	94.22 -1.54 -0.01	98.17 -1.30 0.00	87.16 0.51 -2.80	125.15 0.74 -1.66	145.26 -5.54 -0.89	128.09 -5.58 -0.58	106.66 -4.28 -1.13	108.31 -5.70 0.00	84.81 -2.85 -1.29	84.18 -2.83 -1.29	90.36 -3.02 -1.92	87.97 -2.95 -1.46	95.66 -2.81 -1.84	95.77 -2.47 -3.28	117.47 -2.07 -4.24	98.91 -1.93 -4.54	91.13 -1.41 -4.35	95.53 0.00 -3.08	86.28 0.59 -2.56	84.89 0.16 -2.69	88.38 0.00 -2.95
NEG CENTRAL___SENECA 23627	86.48 -0.41 -4.86	84.61 -0.57 -3.33	83.50 -0.81 -3.34	93.84 -1.91 -0.01	97.77 -1.69 0.00	84.19 0.34 0.00	122.14 -0.61 0.00	147.97 -1.95 0.00	130.83 -2.26 0.00	108.70 -1.32 -0.20	111.50 -2.51 0.00	87.12 -0.35 -1.10	86.47 -0.34 -1.10	92.53 -0.55 -1.62	90.34 -0.36 -1.24	97.56 -0.10 -1.03	96.28 -0.38 -1.70	117.27 -0.23 -2.19	98.58 0.19 -2.08	90.34 0.44 -1.70	92.74 -0.83 -1.13	84.05 0.00 -0.92	82.55 -0.33 -0.85	87.49 -0.43 -2.49
NEG CENTRAL___STATE_STREET 24147	87.10 0.66 -4.42	85.29 0.41 -3.02	84.25 0.24 -3.04	95.65 -0.10 -0.01	99.56 0.10 0.00	84.94 1.09 0.00	124.22 1.47 0.00	151.27 1.35 0.00	134.03 0.93 0.00	110.99 0.99 -0.19	114.46 0.46 0.00	88.31 0.95 -1.00	87.66 0.94 -1.00	93.94 1.01 -1.48	91.57 0.98 -1.12	98.91 1.35 -0.94	97.74 1.23 -1.55	119.14 1.84 -1.99	99.73 1.54 -1.89	91.33 1.59 -1.54	94.40 0.92 -1.02	85.05 1.08 -0.83	83.54 0.74 -0.77	88.39 0.68 -2.27
NEG MILLWOOD___DRP 24198	120.30 6.89 -31.38	110.13 6.79 -21.48	109.08 6.56 -21.55	103.55 7.76 -0.05	107.52 8.06 0.00	111.11 8.39 -18.87	145.59 11.66 -11.18	170.61 14.69 -6.00	150.42 13.44 -3.88	132.23 11.31 -11.11	125.40 11.40 0.00	122.86 9.07 -27.43	122.07 8.91 -27.44	122.59 9.42 -21.71	129.62 9.30 -30.85	136.82 10.24 -29.95	155.91 9.88 -51.07	193.07 11.88 -65.89	172.26 9.92 -66.04	155.81 9.35 -58.26	141.77 9.34 -39.98	124.66 8.65 -32.88	123.26 8.61 -32.61	111.85 8.63 -17.79
NEG NORTH_FLCN_SEA 23793	81.78 -0.25 0.00	81.78 -0.08 0.00	81.13 0.16 0.00	96.22 0.48 0.00	99.56 0.10 0.00	83.60 -0.25 0.00	121.52 -1.23 0.00	147.82 -2.10 0.00	130.83 -2.26 0.00	108.06 -1.76 0.00	113.21 -0.80 0.00	85.33 -1.04 0.00	84.51 -1.20 0.00	89.91 -1.55 0.00	88.12 -1.34 0.00	95.08 -1.55 0.00	94.29 -0.66 0.00	114.38 -0.92 0.00	95.82 -0.48 0.00	87.23 -0.97 0.00	92.17 -0.28 0.00	82.55 -0.58 0.00	81.21 -0.82 0.00	85.60 0.17 0.00
NEG NORTH_KES_CHATEGAY 23792	80.72 -1.31 0.00	80.72 -1.15 0.00	80.08 -0.89 0.00	95.07 -0.67 0.00	98.37 -1.09 0.00	82.51 -1.34 0.00	121.03 -1.72 0.00	147.97 -1.95 0.00	130.97 -2.13 0.00	107.62 -2.20 0.00	112.52 -1.48 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	89.45 -2.01 0.00	87.58 -1.88 0.00	94.50 -2.13 0.00	93.72 -1.23 0.00	113.69 -1.61 0.00	95.24 -1.06 0.00	86.70 -1.50 0.00	91.71 -0.74 0.00	82.05 -1.08 0.00	80.80 -1.23 0.00	84.49 -0.94 0.00
NEG NORTH___ALICE_FALLS 23915	82.03 0.00 0.00	81.94 0.08 0.00	81.37 0.40 0.00	96.41 0.67 0.00	99.86 0.40 0.00	83.85 0.00 0.00	122.38 -0.37 0.00	149.17 -0.75 0.00	131.90 -1.20 0.00	108.72 -1.10 0.00	113.78 -0.23 0.00	85.76 -0.60 0.00	85.03 -0.69 0.00	90.36 -1.10 0.00	88.57 -0.89 0.00	95.66 -0.97 0.00	94.96 0.00 0.00	115.19 -0.12 0.00	96.49 0.19 0.00	87.84 -0.35 0.00	92.82 0.37 0.00	83.22 0.08 0.00	81.78 -0.25 0.00	85.86 0.43 0.00
NEG NORTH___LWR_SARANAC 23913	82.03 0.00 0.00	81.94 0.08 0.00	81.37 0.40 0.00	96.41 0.67 0.00	99.86 0.40 0.00	83.85 0.00 0.00	122.38 -0.37 0.00	149.17 -0.75 0.00	131.90 -1.20 0.00	108.72 -1.10 0.00	113.78 -0.23 0.00	85.76 -0.60 0.00	85.03 -0.69 0.00	90.36 -1.10 0.00	88.57 -0.89 0.00	95.66 -0.97 0.00	94.96 0.00 0.00	115.19 -0.12 0.00	96.49 0.19 0.00	87.84 -0.35 0.00	92.82 0.37 0.00	83.22 0.08 0.00	81.78 -0.25 0.00	85.86 0.43 0.00
NEG NORTH___PLATTSBURG 23628	82.03 0.00 0.00	81.94 0.08 0.00	81.37 0.41 0.00	96.42 0.67 0.00	99.86 0.40 0.00	83.94 0.08 0.00	122.38 -0.37 0.00	149.17 -0.75 0.00	131.89 -1.20 0.00	108.17 -1.64 0.00	113.78 -0.23 0.00	85.76 -0.60 0.00	85.02 -0.69 0.00	90.37 -1.09 0.00	88.57 -0.89 0.00	95.66 -0.97 0.00	94.96 0.00 0.00	115.19 -0.12 0.00	96.49 0.19 0.00	87.84 -0.35 0.00	92.82 0.37 0.00	83.22 0.08 0.00	81.78 -0.25 0.00	85.86 0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	79.93 -6.97 -4.87	77.83 -7.37 -3.33	76.54 -7.77 -3.35	84.74 -11.01 -0.01	88.52 -10.94 0.00	76.06 -7.80 0.00	110.23 -12.52 0.00	131.03 -18.89 0.00	116.06 -17.04 0.00	96.40 -13.62 -0.20	99.30 -14.71 0.00	77.97 -9.50 -1.10	77.65 -9.17 -1.10	82.75 -10.33 -1.63	80.59 -10.11 -1.24	87.22 -10.44 -1.04	85.84 -10.83 -1.71	105.28 -12.22 -2.20	87.31 -11.07 -2.09	80.64 -9.26 -1.70	82.21 -11.37 -1.13	75.24 -8.81 -0.92	74.51 -8.37 -0.85	79.81 -8.12 -2.49
NEG WEST___LANCASTER 23811	80.33 -7.38 -5.68	77.98 -7.78 -3.89	76.70 -8.18 -3.91	88.57 -7.18 -0.01	92.50 -6.96 0.00	82.30 -4.36 -2.81	117.05 -7.36 -1.66	135.37 -15.44 -0.89	119.83 -13.84 -0.58	99.86 -11.09 -1.13	102.15 -11.86 0.00	80.14 -7.51 -1.30	79.81 -7.20 -1.30	85.24 -8.14 -1.92	83.14 -7.78 -1.46	90.35 -8.12 -1.84	89.79 -8.45 -3.28	110.21 -9.34 -4.25	92.08 -8.76 -4.54	85.32 -7.23 -4.36	86.29 -9.24 -3.08	78.38 -7.32 -2.56	77.76 -6.97 -2.70	83.60 -4.78 -2.95
NEG_PENN_ALLEGHNY 23528	93.19 0.74 -10.42	89.57 0.58 -7.13	88.53 0.41 -7.16	96.14 0.38 -0.02	100.06 0.60 0.00	90.86 1.34 -5.67	127.95 1.84 -3.36	152.77 1.06 -1.80	135.06 0.80 -1.17	113.06 0.99 -2.26	114.46 0.46 0.00	89.74 0.95 -2.43	89.17 1.03 -2.43	96.30 1.10 -3.74	93.36 1.16 -2.74	101.62 1.45 -3.54	102.52 1.23 -6.33	125.24 1.73 -8.20	106.37 1.25 -8.82	98.11 1.41 -8.51	99.22 0.74 -6.03	89.15 1.00 -5.01	88.16 0.82 -5.31	92.49 1.20 -5.86
NEG___GEN_MONROE 24207	83.71 -2.38 -4.06	81.94 -2.70 -2.78	80.76 -3.00 -2.79	90.58 -5.17 -0.01	94.49 -4.97 0.00	80.75 -3.10 0.00	117.47 -5.28 0.00	141.82 -8.10 0.00	125.77 -7.32 0.00	104.06 -5.93 -0.17	107.16 -6.84 0.00	83.04 -4.23 -0.91	82.51 -4.11 -0.91	88.13 -4.66 -1.33	85.83 -4.65 -1.02	92.84 -4.64 -0.85	91.62 -4.75 -1.41	112.16 -4.96 -1.81	93.40 -4.62 -1.72	85.90 -3.70 -1.41	88.21 -5.18 -0.93	79.74 -4.16 -0.76	78.55 -4.18 -0.70	83.36 -4.10 -2.03

NEPA__ENERGY 23901	82.00 -5.41 -5.39	79.65 -5.89 -3.69	78.27 -6.40 -3.70	87.52 -8.23 -0.01	91.41 -8.06 0.00	81.30 -5.20 -2.65	115.85 -8.47 -1.57	136.22 -14.54 -0.84	120.60 -13.04 -0.55	100.57 -10.32 -1.07	102.83 -11.17 0.00	80.85 -6.74 -1.23	80.51 -6.43 -1.23	85.95 -7.32 -1.81	83.87 -6.98 -1.38	91.21 -7.15 -1.74	90.56 -7.50 -3.10	111.25 -8.07 -4.02	92.79 -7.80 -4.29	86.05 -6.26 -4.12	87.04 -8.32 -2.91	79.15 -6.40 -2.42	78.51 -6.07 -2.55	82.92 -5.30 -2.78
NEVERSink__HYD 23608	116.23 6.16 -28.05	107.03 5.97 -19.20	105.99 5.75 -19.27	102.58 6.80 -0.04	106.42 6.96 0.00	109.38 7.55 -17.97	143.83 10.43 -10.65	168.66 13.04 -5.71	148.10 11.31 -3.70	128.88 9.45 -9.62	123.01 9.00 0.00	114.30 6.99 -20.95	113.70 7.03 -20.96	116.65 7.40 -17.79	120.36 7.34 -23.56	128.50 8.21 -23.67	144.03 8.45 -40.62	177.99 10.26 -52.43	157.94 8.57 -53.08	143.52 7.85 -47.48	133.05 7.85 -32.75	117.51 7.40 -26.98	116.38 7.30 -27.06	109.32 7.43 -16.46
NEWKRMKL_115KV_TB1 55635	124.72 3.77 -38.92	112.27 3.77 -26.64	111.43 3.72 -26.74	100.11 4.31 -0.06	103.94 4.48 0.00	161.50 4.19 -73.46	171.44 5.16 -43.53	179.11 5.85 -23.35	153.79 5.59 -15.11	139.44 5.49 -24.13	120.05 6.04 0.00	95.15 4.92 -3.87	94.38 4.80 -3.87	117.59 5.12 -21.01	98.60 4.65 -4.48	121.40 4.73 -20.04	138.28 3.99 -39.33	170.95 4.38 -51.27	162.03 3.85 -61.88	159.38 3.70 -67.48	145.66 3.51 -49.70	128.56 3.66 -41.77	133.45 4.10 -47.32	134.89 4.53 -44.93
NEWTON__FALLS_HYD 23847	82.76 0.00 -0.73	82.28 -0.08 -0.50	81.55 0.08 -0.50	95.55 -0.19 0.00	99.16 -0.30 0.00	83.10 -0.75 0.00	120.66 -2.09 0.00	148.27 -1.65 0.00	130.97 -2.13 0.00	107.18 -2.64 0.00	112.29 -1.71 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	90.09 -1.37 0.00	88.39 -1.07 0.00	95.08 -1.55 0.00	94.01 -0.95 0.00	114.84 -0.46 0.00	95.92 -0.39 0.00	87.05 -1.15 0.00	91.71 -0.74 0.00	82.64 -0.50 0.00	81.46 -0.57 0.00	84.75 -0.68 0.00
NGRID_A1_DSASP 323792	79.52 -7.46 -4.95	77.47 -7.78 -3.39	76.20 -8.17 -3.40	84.35 -11.40 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.62 -13.13 0.00	129.98 -19.94 0.00	115.39 -17.70 0.00	95.86 -14.17 -0.21	98.73 -15.27 0.00	77.64 -9.85 -1.12	77.24 -9.60 -1.12	82.14 -10.98 -1.66	80.17 -10.56 -1.26	86.66 -11.02 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
NGRID_A2_DSASP 323793	79.52 -7.46 -4.95	77.47 -7.78 -3.39	76.20 -8.17 -3.40	84.35 -11.40 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.62 -13.13 0.00	129.98 -19.94 0.00	115.39 -17.70 0.00	95.86 -14.17 -0.21	98.73 -15.27 0.00	77.64 -9.85 -1.12	77.24 -9.60 -1.12	82.14 -10.98 -1.66	80.17 -10.56 -1.26	86.66 -11.02 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
NGRID_A4_DSASP 323807	79.52 -7.46 -4.95	77.47 -7.78 -3.39	76.20 -8.17 -3.40	84.35 -11.40 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.62 -13.13 0.00	129.98 -19.94 0.00	115.39 -17.70 0.00	95.86 -14.17 -0.21	98.73 -15.27 0.00	77.64 -9.85 -1.12	77.24 -9.60 -1.12	82.14 -10.98 -1.66	80.17 -10.56 -1.26	86.66 -11.02 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
NIAGARA_115E_LBMP 323715	79.04 -7.96 -4.97	76.91 -8.35 -3.40	75.64 -8.75 -3.41	83.87 -11.88 -0.01	87.62 -11.84 0.00	75.30 -8.55 0.00	109.12 -13.63 0.00	129.38 -20.53 0.00	114.87 -18.23 0.00	95.42 -14.61 -0.21	98.16 -15.84 0.00	77.04 -10.45 -1.13	76.81 -10.03 -1.13	81.59 -11.53 -1.66	79.54 -11.19 -1.27	86.18 -11.50 -1.06	84.64 -12.06 -1.74	103.94 -13.61 -2.24	86.01 -12.42 -2.13	79.53 -10.41 -1.74	81.03 -12.57 -1.16	74.10 -9.98 -0.94	73.47 -9.43 -0.87	78.67 -9.31 -2.55
NIAGARA_115W_LBMP 323714	79.35 -7.63 -4.95	77.31 -7.94 -3.39	76.03 -8.34 -3.40	84.26 -11.49 -0.01	87.93 -11.54 0.00	75.55 -8.30 0.00	109.37 -13.38 0.00	129.83 -20.08 0.00	115.12 -17.97 0.00	95.75 -14.27 -0.21	98.50 -15.50 0.00	77.47 -10.02 -1.12	77.06 -9.77 -1.12	81.95 -11.16 -1.65	79.98 -10.74 -1.26	86.47 -11.21 -1.05	84.92 -11.78 -1.74	104.28 -13.26 -2.23	86.29 -12.14 -2.12	79.79 -10.14 -1.73	81.49 -12.11 -1.15	74.18 -9.89 -0.94	73.62 -9.27 -0.86	78.83 -9.14 -2.54
NIAGARA_230_LBMP 323716	80.02 -6.89 -4.88	78.00 -7.20 -3.34	76.71 -7.61 -3.36	85.22 -10.53 -0.01	88.92 -10.55 0.00	76.39 -7.46 0.00	110.59 -12.15 0.00	131.47 -18.45 0.00	116.59 -16.51 0.00	96.84 -13.18 -0.21	99.64 -14.37 0.00	78.23 -9.24 -1.12	77.90 -8.92 -1.12	82.94 -10.15 -1.63	80.77 -9.93 -1.24	87.42 -10.24 -1.04	85.94 -10.73 -1.71	105.51 -11.99 -2.20	87.32 -11.07 -2.09	80.73 -9.17 -1.71	82.39 -11.19 -1.14	75.00 -9.06 -0.92	74.43 -8.45 -0.85	79.73 -8.20 -2.50
NIAGARA__115KV_198_GIBSON 55903	79.35 -7.63 -4.95	77.31 -7.94 -3.39	76.03 -8.34 -3.40	84.26 -11.49 -0.01	87.92 -11.54 0.00	75.55 -8.30 0.00	109.37 -13.38 0.00	129.83 -20.09 0.00	115.13 -17.97 0.00	95.64 -14.39 -0.21	98.50 -15.50 0.00	77.47 -10.02 -1.12	77.15 -9.69 -1.12	81.95 -11.16 -1.65	79.99 -10.74 -1.26	86.47 -11.21 -1.05	84.92 -11.77 -1.74	104.28 -13.26 -2.23	86.29 -12.13 -2.12	79.78 -10.14 -1.73	81.49 -12.11 -1.15	74.18 -9.89 -0.94	73.62 -9.27 -0.86	78.83 -9.14 -2.54
NIAGARA____ 23760	80.10 -6.89 -4.96	78.05 -7.20 -3.39	76.76 -7.61 -3.40	85.22 -10.53 -0.01	88.92 -10.55 0.00	76.39 -7.46 0.00	110.59 -12.15 0.00	131.47 -18.45 0.00	116.59 -16.51 0.00	96.84 -13.18 -0.21	99.64 -14.37 0.00	78.24 -9.24 -1.12	77.91 -8.92 -1.12	82.95 -10.15 -1.65	80.78 -9.93 -1.25	87.42 -10.24 -1.05	85.95 -10.73 -1.73	105.53 -11.99 -2.22	87.34 -11.07 -2.11	80.74 -9.17 -1.72	82.40 -11.19 -1.14	75.01 -9.06 -0.93	74.44 -8.45 -0.86	79.77 -8.20 -2.54
NINE_MILE_1 23575	80.94 -2.87 -1.78	80.14 -2.94 -1.22	79.20 -2.99 -1.22	91.91 -3.83 0.00	95.58 -3.88 0.00	80.92 -2.94 0.00	118.34 -4.41 0.00	144.22 -5.70 0.00	128.04 -5.06 0.00	105.76 -4.06 0.00	109.67 -4.33 0.00	83.34 -3.03 0.00	82.71 -3.00 0.00	88.26 -3.20 0.00	86.33 -3.13 0.00	93.34 -3.29 0.00	91.63 -3.33 0.00	111.38 -3.92 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	89.03 -3.42 0.00	80.22 -2.91 0.00	79.08 -2.95 0.00	82.27 -3.16 0.00
NINE_MILE_2 23744	80.93 -2.87 -1.77	80.13 -2.94 -1.21	79.19 -2.99 -1.22	91.91 -3.83 0.00	95.58 -3.88 0.00	80.92 -2.94 0.00	118.34 -4.41 0.00	144.22 -5.70 0.00	128.04 -5.06 0.00	105.76 -4.06 0.00	109.67 -4.33 0.00	83.34 -3.03 0.00	82.71 -3.00 0.00	88.26 -3.20 0.00	86.33 -3.13 0.00	93.34 -3.29 0.00	91.63 -3.33 0.00	111.38 -3.92 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	89.03 -3.42 0.00	80.22 -2.91 0.00	79.08 -2.95 0.00	82.27 -3.16 0.00
NM_CAPITAL__DRP 24208	124.78 3.94 -38.81	112.36 3.93 -26.57	111.43 3.81 -26.66	100.30 4.50 -0.06	104.14 4.67 0.00	161.91 4.70 -73.36	171.99 5.77 -43.47	179.83 6.60 -23.31	154.44 6.26 -15.09	140.17 6.04 -24.31	120.50 6.50 0.00	96.65 5.27 -5.02	95.88 5.14 -5.02	118.59 5.58 -21.55	100.34 5.10 -5.78	122.94 5.22 -21.10	140.59 4.56 -41.07	173.89 5.07 -53.51	164.72 4.43 -63.99	161.69 4.32 -69.17	147.42 4.16 -50.81	130.05 4.24 -42.68	134.76 4.59 -48.14	135.28 5.04 -44.81

NM_CENTRAL___DRP 24181	84.24 -0.82 -3.03	82.95 -0.98 -2.07	81.99 -1.05 -2.08	94.12 -1.63 0.00	97.97 -1.49 0.00	83.18 -0.67 0.00	121.64 -1.10 0.00	148.42 -1.50 0.00	131.50 -1.60 0.00	108.95 -0.99 -0.12	112.64 -1.37 0.00	86.43 -0.60 -0.67	85.78 -0.60 -0.67	91.16 -0.64 -0.34	89.59 -0.63 -0.75	96.67 -0.58 -0.63	95.33 -0.66 -1.03	115.94 -0.69 -1.33	96.99 -0.58 -1.26	88.79 -0.44 -1.03	92.12 -1.02 -0.68	83.03 -0.67 -0.56	81.72 -0.82 -0.51	84.49 -0.94 0.00
NM_FRONTIER___DRP 24179	79.35 -7.63 -4.95	77.31 -7.94 -3.39	76.03 -8.34 -3.40	84.26 -11.49 -0.01	87.92 -11.54 0.00	75.55 -8.30 0.00	109.37 -13.38 0.00	129.83 -20.09 0.00	115.13 -17.97 0.00	95.64 -14.39 -0.21	98.50 -15.50 0.00	77.47 -10.02 -1.12	77.15 -9.69 -1.12	81.95 -11.16 -1.65	79.99 -10.74 -1.26	86.47 -11.21 -1.05	84.92 -11.77 -1.74	104.28 -13.26 -2.23	86.29 -12.13 -2.12	79.78 -10.14 -1.73	81.49 -12.11 -1.15	74.18 -9.89 -0.94	73.62 -9.27 -0.86	78.83 -9.14 -2.54
NM_ST_REGIS___HYD 24053	80.72 -1.31 0.00	80.72 -1.15 0.00	80.16 -0.81 0.00	94.88 -0.86 0.00	97.97 -1.49 0.00	81.84 -2.01 0.00	119.07 -3.68 0.00	146.32 -3.60 0.00	129.37 -3.73 0.00	105.86 -3.95 0.00	111.38 -2.62 0.00	83.77 -2.59 0.00	83.06 -2.66 0.00	88.53 -2.93 0.00	86.78 -2.68 0.00	92.95 -3.67 0.00	92.11 -2.85 0.00	112.08 -3.23 0.00	93.70 -2.60 0.00	85.20 -3.00 0.00	90.23 -2.22 0.00	81.39 -1.75 0.00	80.64 -1.39 0.00	84.24 -1.20 0.00
NORTHPORT___1 23551	137.76 8.61 -47.12	129.08 8.59 -38.63	127.35 8.34 -38.04	127.53 9.86 -21.92	127.77 10.34 -17.97	147.47 9.89 -53.73	156.40 13.99 -19.66	179.40 17.83 -11.65	156.10 15.96 -7.05	138.16 13.50 -14.84	131.17 13.10 -4.07	127.95 10.62 -30.96	126.91 10.20 -31.00	127.47 10.97 -25.04	135.14 10.73 -34.95	142.96 11.98 -34.36	163.11 11.68 -56.47	197.11 13.95 -67.86	180.38 11.84 -72.24	165.94 11.02 -66.72	157.48 11.27 -53.75	146.79 10.22 -53.43	134.80 10.34 -42.44	125.12 10.85 -28.83
NORTHPORT___2 23552	137.76 8.61 -47.12	129.08 8.59 -38.63	127.35 8.34 -38.04	127.53 9.86 -21.92	127.77 10.34 -17.97	147.47 9.89 -53.73	156.40 13.99 -19.66	179.40 17.83 -11.65	156.10 15.96 -7.05	138.16 13.50 -14.84	131.17 13.10 -4.07	127.95 10.62 -30.96	126.91 10.20 -31.00	127.47 10.97 -25.04	135.14 10.73 -34.95	142.96 11.98 -34.36	163.11 11.68 -56.47	197.11 13.95 -67.86	180.38 11.84 -72.24	165.94 11.02 -66.72	157.48 11.27 -53.75	146.79 10.22 -53.43	134.80 10.34 -42.44	125.12 10.85 -28.83
NORTHPORT___3 23553	137.14 8.12 -46.99	128.40 8.03 -38.51	126.67 7.77 -37.93	126.72 9.19 -21.78	126.86 9.55 -17.85	146.68 9.31 -53.52	154.29 12.04 -19.50	176.09 14.70 -11.48	154.29 14.25 -6.95	137.60 13.06 -14.72	130.71 12.77 -3.94	127.50 10.27 -30.86	126.80 10.20 -30.90	127.27 10.88 -24.93	134.84 10.55 -34.83	142.26 11.40 -34.25	161.33 10.06 -56.31	195.09 11.99 -67.80	178.52 10.11 -72.11	164.21 9.44 -66.57	155.76 9.70 -53.61	146.04 9.72 -53.18	134.20 9.84 -42.33	124.52 10.33 -28.75
NORTHPORT___4 23650	137.14 8.12 -46.99	128.40 8.03 -38.51	126.67 7.77 -37.93	126.72 9.19 -21.78	126.86 9.55 -17.85	146.68 9.31 -53.52	154.29 12.04 -19.50	176.09 14.70 -11.48	154.29 14.25 -6.95	137.60 13.06 -14.72	130.71 12.77 -3.94	127.50 10.27 -30.86	126.80 10.20 -30.90	127.27 10.88 -24.93	134.84 10.55 -34.83	142.26 11.40 -34.25	161.33 10.06 -56.31	195.09 11.99 -67.80	178.52 10.11 -72.11	164.21 9.44 -66.57	155.76 9.70 -53.61	146.04 9.72 -53.18	134.20 9.84 -42.33	124.52 10.33 -28.75
NORTHPORT___IC 23718	137.77 8.61 -47.12	129.08 8.60 -38.63	127.35 8.34 -38.04	127.53 9.86 -21.92	127.77 10.34 -17.97	147.73 10.15 -53.73	156.40 13.99 -19.66	179.26 17.69 -11.65	155.98 15.84 -7.05	138.16 13.51 -14.84	131.18 13.11 -4.07	127.95 10.62 -30.96	127.00 10.29 -31.00	127.56 11.07 -25.04	135.24 10.83 -34.95	142.97 11.98 -34.36	163.02 11.58 -56.47	197.12 13.95 -67.86	180.39 11.84 -72.24	166.03 11.11 -66.72	157.48 11.28 -53.75	146.79 10.23 -53.43	134.80 10.34 -42.44	125.11 10.85 -28.83
NORTH___COUNTRY_ESR 323785	80.47 -1.56 0.00	80.47 -1.39 0.00	79.83 -1.13 0.00	94.78 -0.96 0.00	98.17 -1.30 0.00	82.35 -1.51 0.00	120.66 -2.09 0.00	147.51 -2.40 0.00	130.70 -2.39 0.00	107.18 -2.64 0.00	112.30 -1.71 0.00	84.55 -1.82 0.00	83.83 -1.89 0.00	89.26 -2.20 0.00	87.41 -2.05 0.00	94.30 -2.32 0.00	93.34 -1.61 0.00	113.34 -1.96 0.00	94.86 -1.44 0.00	86.43 -1.76 0.00	91.34 -1.11 0.00	81.72 -1.41 0.00	80.47 -1.56 0.00	84.24 -1.20 0.00
NPX_GEN_1385_PROXY 323591	136.95 7.80 -47.12	128.84 8.35 -38.63	126.95 7.94 -38.04	126.95 9.28 -21.92	129.34 10.04 -19.84	144.77 9.06 -51.86	155.05 12.65 -19.66	178.21 16.64 -11.65	155.44 15.30 -7.05	136.95 12.30 -14.84	129.36 11.29 -4.07	126.48 9.15 -30.96	124.51 7.80 -31.00	125.19 8.69 -25.04	133.00 8.59 -34.95	140.74 9.75 -34.36	160.93 9.49 -56.47	194.00 10.84 -67.86	178.65 10.11 -72.24	164.00 9.09 -66.72	156.19 9.99 -53.75	145.05 8.48 -53.43	133.41 8.94 -42.44	124.00 9.74 -28.83
NPX_GEN_CSC 323557	139.32 10.00 -47.28	130.37 9.90 -38.61	128.72 9.71 -38.04	129.24 11.68 -21.82	131.36 12.13 -19.77	146.90 11.49 -51.56	160.25 17.18 -20.32	184.25 21.73 -12.60	157.72 17.04 -7.58	139.46 14.17 -15.47	132.18 13.45 -4.73	128.94 11.06 -31.52	128.07 10.80 -31.56	128.67 11.62 -25.59	136.42 11.36 -35.59	145.31 13.71 -34.97	166.85 14.53 -57.36	201.25 17.75 -68.19	183.97 14.82 -72.85	169.39 13.85 -67.34	160.40 13.86 -54.09	149.61 12.30 -54.17	136.87 12.14 -42.70	126.92 12.64 -28.85
NSINS_S___GLNS_FALLS 23858	127.95 5.91 -40.01	115.14 5.89 -27.39	114.36 5.91 -27.48	102.60 6.80 -0.06	106.52 7.06 0.00	208.49 6.29 -118.34	202.33 9.45 -70.13	198.92 11.39 -37.61	167.68 10.25 -24.34	156.80 8.68 -38.31	122.55 8.55 0.00	96.25 6.74 -3.15	95.30 6.43 -3.15	127.92 7.04 -29.42	100.48 7.25 -3.77	134.04 8.02 -29.40	161.42 7.88 -58.58	201.44 9.69 -76.45	197.97 7.80 -93.87	199.60 7.41 -104.00	176.78 7.40 -76.94	154.45 6.57 -64.75	162.09 6.15 -73.90	157.17 6.07 -65.68
NUCOR_STEEL___DRP 24197	87.04 0.74 -4.27	85.35 0.57 -2.92	84.38 0.49 -2.93	95.84 0.10 -0.01	99.76 0.30 0.00	84.94 1.09 0.00	124.22 1.47 0.00	151.27 1.35 0.00	133.89 0.80 0.00	110.87 0.88 -0.18	114.46 0.46 0.00	88.19 0.86 -0.96	87.62 0.94 -0.96	93.89 1.01 -1.42	91.53 0.98 -1.08	98.78 1.26 -0.90	97.68 1.23 -1.49	119.07 1.84 -1.92	99.66 1.54 -1.82	91.18 1.50 -1.49	94.36 0.92 -0.99	85.02 1.08 -0.80	83.59 0.82 -0.74	88.47 0.85 -2.18
NUMBER_THREE_WT_PWR 323818	85.35 2.29 -1.03	84.69 2.12 -0.70	83.61 1.94 -0.71	97.66 1.91 0.00	101.85 2.38 0.00	85.28 1.42 0.00	123.98 1.23 0.00	152.17 2.25 0.00	134.29 1.20 0.00	110.15 0.33 0.00	114.58 0.57 0.00	86.62 0.26 0.00	85.97 0.26 0.00	92.47 1.01 0.00	90.98 1.52 0.00	98.55 1.93 0.00	97.33 2.37 0.00	119.57 4.27 0.00	99.76 3.46 0.00	90.31 2.11 0.00	94.48 2.03 0.00	84.80 1.66 0.00	83.09 1.06 0.00	86.20 0.77 0.00
NYISO_LBMP_REFERENCE 24008	82.03 0.00 0.00	81.86 0.00 0.00	80.97 0.00 0.00	95.74 0.00 0.00	99.46 0.00 0.00	83.85 0.00 0.00	122.75 0.00 0.00	149.92 0.00 0.00	133.09 0.00 0.00	109.82 0.00 0.00	114.00 0.00 0.00	86.36 0.00 0.00	85.71 0.00 0.00	91.46 0.00 0.00	89.46 0.00 0.00	96.62 0.00 0.00	94.96 0.00 0.00	115.30 0.00 0.00	96.30 0.00 0.00	88.20 0.00 0.00	92.45 0.00 0.00	83.14 0.00 0.00	82.03 0.00 0.00	85.43 0.00 0.00

NYPA_BRENTWD____GT 24164	139.18 9.67 -47.48	130.03 9.57 -38.59	128.32 9.31 -38.05	128.45 11.01 -21.70	128.81 11.53 -17.82	147.91 10.98 -53.07	159.70 15.84 -21.11	183.76 20.10 -13.74	159.03 17.70 -8.23	141.10 15.05 -16.24	134.12 14.60 -5.52	130.38 11.83 -32.18	129.51 11.57 -32.23	130.06 12.34 -26.26	137.90 12.07 -36.36	145.85 13.53 -35.70	166.69 13.29 -58.43	200.04 16.14 -68.60	183.47 13.58 -73.58	168.90 12.61 -68.10	159.70 12.76 -54.49	149.67 11.48 -55.06	136.61 11.57 -43.02	126.35 12.05 -28.87
NYPA_GOWANUS____GT5 24156	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NYPA_GOWANUS____GT6 24157	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	117.03 8.56 -24.62	144.38 10.80 -10.82	170.11 14.39 -5.80	150.49 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.84 -103.28	185.45 9.77 -89.97	166.37 10.42 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.46 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.79 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54
NYPA_HARLEM__RVR__GT1 24160	120.32 7.13 -31.15	109.82 6.63 -21.33	108.77 6.39 -21.40	103.36 7.56 -0.06	107.33 7.86 -0.01	110.26 8.13 -18.27	143.75 10.18 -10.82	169.06 13.34 -5.80	149.35 12.51 -3.75	132.07 11.31 -10.94	125.30 11.29 -0.01	123.08 9.15 -27.57	122.47 9.18 -27.58	122.78 9.69 -21.63	129.85 9.39 -31.00	136.70 10.14 -29.94	155.53 9.59 -50.99	192.39 11.31 -65.78	171.76 9.63 -65.83	155.15 9.00 -57.96	141.43 9.24 -39.74	124.38 8.56 -32.68	123.08 8.69 -32.36	112.04 9.15 -17.46
NYPA_HARLEM__RVR__GT2 24161	120.32 7.13 -31.15	109.82 6.63 -21.33	108.77 6.39 -21.40	103.36 7.56 -0.06	107.33 7.86 -0.01	110.26 8.13 -18.27	143.75 10.18 -10.82	169.06 13.34 -5.80	149.35 12.51 -3.75	132.07 11.31 -10.94	125.30 11.29 -0.01	123.08 9.15 -27.57	122.47 9.18 -27.58	122.78 9.69 -21.63	129.85 9.39 -31.00	136.70 10.14 -29.94	155.53 9.59 -50.99	192.39 11.31 -65.78	171.76 9.63 -65.83	155.15 9.00 -57.96	141.43 9.24 -39.74	124.38 8.56 -32.68	123.08 8.69 -32.36	112.04 9.15 -17.46
NYPA_KENT____GT 24152	120.32 7.13 -31.15	114.04 7.12 -25.06	112.98 6.88 -25.14	110.75 8.04 -6.97	112.58 8.45 -4.67	114.14 8.38 -21.90	144.13 10.56 -10.82	169.81 14.09 -5.80	150.19 13.31 -3.79	188.00 11.97 -66.21	186.49 11.97 -60.52	172.20 9.59 -76.25	163.00 9.60 -67.69	150.89 10.24 -49.19	148.38 9.93 -48.99	194.60 10.72 -87.25	162.90 10.26 -57.68	250.51 12.10 -123.10	287.71 10.11 -181.31	249.20 9.44 -151.56	242.01 9.52 -140.04	182.20 9.06 -90.00	126.04 9.10 -34.91	117.01 9.57 -22.01
NYPA_POUCH1____GT 24155	120.15 6.97 -31.15	116.98 7.28 -27.84	115.93 7.04 -27.92	116.20 8.33 -12.13	116.26 8.65 -8.15	116.93 8.47 -24.62	144.00 10.43 -10.82	169.36 13.64 -5.80	149.96 13.05 -3.81	218.48 11.76 -96.91	219.88 11.74 -94.13	199.06 9.41 -103.28	185.11 9.43 -89.97	165.91 9.97 -64.48	158.12 9.67 -58.99	237.20 10.53 -130.05	166.42 10.06 -61.40	293.08 11.88 -165.89	373.85 10.01 -267.53	319.00 9.34 -221.46	316.81 9.43 -214.93	224.83 8.90 -132.79	127.31 8.94 -36.33	119.29 9.31 -24.54
NYPA_VERNON____GT2 24162	120.15 6.97 -31.16	111.01 6.88 -22.27	109.96 6.64 -22.35	105.40 7.85 -1.81	108.81 8.16 -1.19	111.18 8.13 -19.19	143.88 10.31 -10.82	169.50 13.78 -5.80	149.91 13.05 -3.76	157.09 11.76 -35.52	152.67 11.74 -26.92	144.99 9.41 -49.21	140.55 9.43 -45.41	135.41 10.06 -33.89	138.12 9.67 -38.99	151.61 10.53 -44.45	158.89 9.97 -53.96	207.48 11.88 -80.30	201.30 9.92 -95.08	179.12 9.26 -81.67	166.93 9.33 -65.15	139.15 8.81 -47.20	124.46 8.94 -33.48	114.30 9.40 -19.47
NYPA_VERNON____GT3 24163	120.15 6.97 -31.16	111.01 6.88 -22.27	109.96 6.64 -22.35	105.40 7.85 -1.81	108.81 8.16 -1.19	111.18 8.13 -19.19	143.88 10.31 -10.82	169.50 13.78 -5.80	149.91 13.05 -3.76	157.09 11.76 -35.52	152.67 11.74 -26.92	144.99 9.41 -49.21	140.55 9.43 -45.41	135.41 10.06 -33.89	138.12 9.67 -38.99	151.61 10.53 -44.45	158.89 9.97 -53.96	207.48 11.88 -80.30	201.30 9.92 -95.08	179.12 9.26 -81.67	166.93 9.33 -65.15	139.15 8.81 -47.20	124.46 8.94 -33.48	114.30 9.40 -19.47
NYPA__ASTORIA_CC1 323568	120.15 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.75 -0.06	107.52 8.05 -0.01	110.18 8.05 -18.27	143.75 10.18 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.59 11.64 -23.14	139.00 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.58 -34.96	137.00 10.44 -29.94	157.30 9.88 -52.47	192.85 11.77 -65.78	171.96 9.83 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.55 8.73 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
NYPA__ASTORIA_CC2 323569	120.15 6.97 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.75 -0.06	107.52 8.05 -0.01	110.18 8.05 -18.27	143.75 10.18 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.59 11.64 -23.14	139.00 11.63 -13.36	134.00 9.33 -38.31	131.48 9.34 -36.43	129.15 9.97 -27.72	134.00 9.58 -34.96	137.00 10.44 -29.94	157.30 9.88 -52.47	192.85 11.77 -65.78	171.96 9.83 -65.83	155.33 9.17 -57.96	141.43 9.24 -39.74	124.55 8.73 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
NYPA__HOLTSVILL 23794	138.56 9.27 -47.27	129.64 9.17 -38.61	127.92 8.91 -38.04	128.20 10.63 -21.83	128.41 11.04 -17.91	147.88 10.57 -53.46	158.34 15.34 -20.25	181.90 19.48 -12.50	157.39 16.77 -7.53	139.39 14.17 -15.41	132.34 13.67 -4.66	128.97 11.15 -31.46	128.10 10.89 -31.50	128.70 11.71 -25.53	136.44 11.45 -35.52	144.57 13.04 -34.91	165.24 13.01 -57.27	199.14 15.68 -68.16	182.18 13.09 -72.79	167.82 12.35 -67.28	158.89 12.39 -54.05	148.37 11.14 -54.09	135.86 11.15 -42.67	125.90 11.62 -28.85
NYPA__HELLGATE_GT1 24158	120.32 7.13 -31.15	109.82 6.63 -21.33	108.77 6.39 -21.40	103.36 7.56 -0.06	107.33 7.86 -0.01	110.26 8.13 -18.27	143.75 10.18 -10.82	169.06 13.34 -5.80	149.35 12.51 -3.75	132.07 11.31 -10.94	125.30 11.29 -0.01	123.08 9.15 -27.57	122.47 9.18 -27.58	122.78 9.69 -21.63	129.85 9.39 -31.00	136.70 10.14 -29.94	155.53 9.59 -50.99	192.39 11.31 -65.78	171.76 9.63 -65.83	155.15 9.00 -57.96	141.43 9.24 -39.74	124.38 8.56 -32.68	123.08 8.69 -32.36	112.04 9.15 -17.46
NYPA__HELLGATE_GT2 24159	120.32 7.13 -31.15	109.82 6.63 -21.33	108.77 6.39 -21.40	103.36 7.56 -0.06	107.33 7.86 -0.01	110.26 8.13 -18.27	143.75 10.18 -10.82	169.06 13.34 -5.80	149.35 12.51 -3.75	132.07 11.31 -10.94	125.30 11.29 -0.01	123.08 9.15 -27.57	122.47 9.18 -27.58	122.78 9.69 -21.63	129.85 9.39 -31.00	136.70 10.14 -29.94	155.53 9.59 -50.99	192.39 11.31 -65.78	171.76 9.63 -65.83	155.15 9.00 -57.96	141.43 9.24 -39.74	124.38 8.56 -32.68	123.08 8.69 -32.36	112.04 9.15 -17.46
NYS_BARGE__HYD 23848	80.14 -6.72 -4.83	77.97 -7.20 -3.31	76.76 -7.53 -3.32	85.12 -10.63 -0.01	88.82 -10.64 0.00	76.47 -7.38 0.00	110.72 -12.02 0.00	131.47 -18.45 0.00	116.72 -16.38 0.00	96.95 -13.07 -0.20	99.75 -14.25 0.00	78.30 -9.16 -1.09	77.98 -8.83 -1.10	83.01 -10.06 -1.61	80.85 -9.84 -1.23	87.60 -10.05 -1.03	86.11 -10.54 -1.69	105.84 -11.64 -2.18	87.59 -10.78 -2.07	80.98 -8.90 -1.69	82.47 -11.10 -1.12	75.49 -8.56 -0.91	74.75 -8.12 -0.84	79.96 -7.94 -2.47

OAK ORCHARD___HYD 24046	83.51 -2.54 -4.02	81.67 -2.94 -2.75	80.57 -3.16 -2.76	90.48 -5.27 -0.01	94.29 -5.18 0.00	80.58 -3.27 0.00	117.47 -5.27 0.00	142.28 -7.64 0.00	126.17 -6.93 0.00	104.61 -5.38 -0.17	107.73 -6.27 0.00	83.64 -3.62 -0.90	83.02 -3.60 -0.90	88.76 -4.02 -1.32	86.36 -4.11 -1.01	93.41 -4.05 -0.85	92.18 -4.18 -1.40	112.84 -4.26 -1.80	93.87 -4.14 -1.71	86.33 -3.26 -1.39	88.75 -4.62 -0.93	80.32 -3.57 -0.75	79.12 -3.61 -0.70	83.52 -3.93 -2.01
OAKDALE___35_KV_LOAD 356122	92.87 0.49 -10.35	89.27 0.33 -7.08	88.24 0.16 -7.11	95.85 0.10 -0.02	99.76 0.30 0.00	90.79 1.09 -5.84	127.44 1.23 -3.46	152.22 0.45 -1.86	134.43 0.13 -1.20	112.57 0.44 -2.31	114.12 0.11 0.00	89.38 0.60 -2.42	88.82 0.69 -2.42	95.96 0.73 -3.76	92.90 0.72 -2.72	101.16 0.97 -3.57	102.21 0.85 -6.40	124.74 1.15 -8.29	106.09 0.87 -8.93	97.81 0.97 -8.64	98.95 0.37 -6.13	88.90 0.67 -5.10	88.01 0.57 -5.40	92.32 0.94 -5.95
OCC_CHEM___DRP 24175	79.52 -7.46 -4.95	77.48 -7.78 -3.39	76.19 -8.18 -3.40	84.36 -11.39 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.49 -13.26 0.00	130.13 -19.79 0.00	115.39 -17.70 0.00	95.75 -14.28 -0.21	98.73 -15.28 0.00	77.55 -9.93 -1.12	77.32 -9.51 -1.12	82.14 -10.98 -1.66	80.08 -10.65 -1.26	86.66 -11.01 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
OH_GEN_PROXY 24063	52.50 -6.72 22.81	78.18 -7.04 -3.35	76.97 -7.37 -3.37	50.30 -10.24 35.20	79.31 -10.24 9.91	49.50 -7.21 27.14	62.93 -11.66 48.16	67.00 -17.84 65.07	63.80 -15.98 53.32	78.48 -12.74 18.60	78.65 -13.80 21.56	78.58 -8.89 -1.11	78.17 -8.65 -1.11	78.68 -9.78 3.00	78.47 -9.57 1.42	78.66 -9.95 8.01	86.33 -10.35 -1.72	105.99 -11.53 -2.21	87.71 -10.69 -2.10	81.09 -8.82 -1.71	78.59 -10.82 3.04	62.86 -8.73 11.55	62.76 -8.20 11.07	80.00 -7.94 -2.51
OLIN_CORP_DRP 24177	79.24 -7.79 -5.00	77.18 -8.10 -3.42	75.90 -8.50 -3.44	84.17 -11.58 -0.01	87.92 -11.54 0.00	75.47 -8.39 0.00	109.37 -13.38 0.00	129.83 -20.09 0.00	115.13 -17.97 0.00	95.53 -14.50 -0.21	98.50 -15.50 0.00	77.22 -10.28 -1.13	76.91 -9.94 -1.14	81.88 -11.25 -1.67	79.73 -11.00 -1.27	86.48 -11.21 -1.06	84.94 -11.77 -1.76	104.30 -13.26 -2.26	86.31 -12.13 -2.15	79.80 -10.14 -1.75	81.32 -12.30 -1.16	74.27 -9.81 -0.95	73.72 -9.19 -0.87	78.94 -9.06 -2.57
OLIN_CORP_DSASP 323712	79.52 -7.46 -4.95	77.47 -7.78 -3.39	76.20 -8.17 -3.40	84.35 -11.40 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.62 -13.13 0.00	129.98 -19.94 0.00	115.39 -17.70 0.00	95.86 -14.17 -0.21	98.73 -15.27 0.00	77.64 -9.85 -1.12	77.24 -9.60 -1.12	82.14 -10.98 -1.66	80.17 -10.56 -1.26	86.66 -11.02 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
ONEIDA_HERK_LFGE 323681	85.77 2.79 -0.95	85.21 2.70 -0.65	84.13 2.51 -0.65	98.42 2.68 0.00	102.55 3.09 0.00	86.46 2.60 0.00	126.31 3.56 0.00	154.41 4.49 0.00	136.69 3.59 0.00	112.45 2.63 0.00	116.74 2.73 0.00	88.52 2.16 0.00	87.77 2.05 0.00	94.11 2.65 0.00	92.24 2.78 0.00	99.81 3.18 0.00	98.37 3.41 0.00	120.03 4.73 0.00	100.16 3.86 0.00	91.28 3.09 0.00	95.41 2.96 0.00	85.80 2.66 0.00	84.25 2.22 0.00	87.48 2.05 0.00
ONEIDA___115KV_TB4 55905	87.14 3.20 -1.92	86.20 3.03 -1.31	85.12 2.83 -1.32	98.81 3.06 0.00	102.94 3.48 0.00	87.46 3.61 0.00	128.03 5.28 0.00	156.21 6.30 0.00	138.15 5.06 0.00	113.88 4.06 0.00	117.99 3.99 0.00	89.64 3.28 0.00	88.88 3.17 0.00	95.12 3.66 0.00	93.13 3.67 0.00	100.87 4.25 0.00	99.14 4.18 0.00	120.61 5.30 0.00	100.54 4.24 0.00	91.99 3.79 0.00	95.96 3.51 0.00	86.38 3.24 0.00	84.90 2.87 0.00	88.34 2.90 0.00
ONONDAGA_REF_OCCRA 23987	85.53 -0.25 -3.75	84.10 -0.33 -2.57	83.06 -0.49 -2.58	94.89 -0.86 -0.01	98.67 -0.80 0.00	83.85 0.00 0.00	122.75 0.00 0.00	149.62 -0.30 0.00	132.56 -0.53 0.00	109.75 -0.22 -0.16	113.43 -0.57 0.00	87.20 0.00 -0.84	86.64 0.09 -0.84	92.77 0.09 -1.22	90.49 0.09 -0.94	97.60 0.19 -0.79	96.35 0.09 -1.30	117.32 0.35 -1.67	98.18 0.29 -1.59	89.84 0.35 -1.29	93.12 -0.18 -0.86	83.84 0.00 -0.70	82.51 -0.16 -0.65	87.04 -0.26 -1.86
ONONDAGA___COGEN 23986	85.53 -0.08 -3.58	84.15 -0.16 -2.45	83.10 -0.32 -2.46	95.08 -0.67 -0.01	98.87 -0.60 0.00	84.02 0.17 0.00	122.87 0.12 0.00	149.92 0.00 0.00	132.83 -0.27 0.00	109.96 0.00 -0.15	113.66 -0.34 0.00	87.33 0.17 -0.80	86.68 0.17 -0.80	92.15 0.27 -0.41	90.63 0.27 -0.90	97.76 0.39 -0.75	96.48 0.28 -1.24	117.47 0.58 -1.59	98.20 0.39 -1.51	89.96 0.53 -1.23	93.17 -0.09 -0.82	83.97 0.17 -0.67	82.65 0.00 -0.62	85.35 -0.09 0.00
ONTARIO___LFGE 23819	86.48 -0.41 -4.86	84.62 -0.57 -3.33	83.50 -0.81 -3.34	93.84 -1.91 -0.01	97.27 -2.19 0.00	84.11 0.25 0.00	122.14 -0.61 0.00	147.96 -1.95 0.00	130.83 -2.26 0.00	109.03 -0.99 -0.20	111.50 -2.51 0.00	87.12 -0.34 -1.10	86.47 -0.34 -1.10	92.54 -0.55 -1.62	90.34 -0.36 -1.24	97.56 -0.10 -1.03	96.19 -0.47 -1.70	117.27 -0.23 -2.19	98.58 0.19 -2.08	90.34 0.44 -1.70	92.65 -0.92 -1.13	84.05 0.00 -0.92	82.55 -0.33 -0.85	87.50 -0.43 -2.49
ORANGEVILLE_WT_PWR 323706	83.28 -4.76 -6.01	80.65 -5.32 -4.11	79.26 -5.83 -4.13	88.09 -7.66 -0.01	91.81 -7.66 0.00	81.96 -4.87 -2.97	116.53 -7.98 -1.76	137.22 -13.64 -0.94	121.33 -12.37 -0.61	101.24 -9.77 -1.20	103.17 -10.83 0.00	81.17 -6.57 -1.37	80.83 -6.25 -1.37	86.54 -6.95 -2.04	84.39 -6.62 -1.55	92.00 -6.57 -1.95	91.60 -6.84 -3.47	112.31 -7.49 -4.50	94.08 -7.03 -4.81	87.08 -5.73 -4.61	88.23 -7.49 -3.26	80.19 -5.66 -2.71	79.64 -5.25 -2.86	83.78 -4.78 -3.14
ORANGEVILLE___ESR 323794	83.28 -4.76 -6.01	80.65 -5.32 -4.11	79.26 -5.83 -4.13	88.09 -7.66 -0.01	91.81 -7.66 0.00	81.96 -4.87 -2.97	116.53 -7.98 -1.76	137.22 -13.64 -0.94	121.33 -12.37 -0.61	101.24 -9.77 -1.20	103.17 -10.83 0.00	81.17 -6.57 -1.37	80.83 -6.25 -1.37	86.54 -6.95 -2.04	84.39 -6.62 -1.55	92.00 -6.57 -1.95	91.60 -6.84 -3.47	112.31 -7.49 -4.50	94.08 -7.03 -4.81	87.08 -5.73 -4.61	88.23 -7.49 -3.26	80.19 -5.66 -2.71	79.64 -5.25 -2.86	83.78 -4.78 -3.14
OSWEGATCHIE___HYD 24044	82.76 0.00 -0.73	82.28 -0.08 -0.50	81.55 0.08 -0.50	95.55 -0.19 0.00	99.16 -0.30 0.00	82.93 -0.92 0.00	120.66 -2.09 0.00	148.27 -1.65 0.00	130.96 -2.13 0.00	107.18 -2.64 0.00	112.30 -1.71 0.00	84.72 -1.64 0.00	84.00 -1.71 0.00	90.09 -1.37 0.00	88.39 -1.07 0.00	95.07 -1.55 0.00	94.01 -0.95 0.00	114.85 -0.46 0.00	95.92 -0.38 0.00	87.05 -1.15 0.00	91.70 -0.74 0.00	82.64 -0.50 0.00	81.46 -0.57 0.00	84.74 -0.69 0.00
OSWEGO___5 23606	81.37 -2.46 -1.80	80.56 -2.54 -1.23	79.61 -2.59 -1.24	92.39 -3.35 0.00	96.08 -3.38 0.00	81.34 -2.51 0.00	118.94 -3.81 0.00	145.11 -4.80 0.00	128.71 -4.39 0.00	106.41 -3.41 0.00	110.24 -3.76 0.00	83.77 -2.59 0.00	83.14 -2.57 0.00	88.72 -2.74 0.00	86.78 -2.68 0.00	93.82 -2.81 0.00	92.11 -2.85 0.00	111.96 -3.35 0.00	93.50 -2.80 0.00	85.73 -2.47 0.00	89.49 -2.96 0.00	80.64 -2.49 0.00	79.49 -2.54 0.00	82.69 -2.74 0.00

OSWEGO___6 23613	81.37 -2.46 -1.80	80.56 -2.54 -1.23	79.61 -2.59 -1.24	92.39 -3.35 0.00	96.08 -3.38 0.00	81.34 -2.51 0.00	118.94 -3.81 0.00	145.11 -4.80 0.00	128.71 -4.39 0.00	106.41 -3.41 0.00	110.24 -3.76 0.00	83.77 -2.59 0.00	83.14 -2.57 0.00	88.72 -2.74 0.00	86.78 -2.68 0.00	93.82 -2.81 0.00	92.11 -2.85 0.00	111.96 -3.35 0.00	93.50 -2.80 0.00	85.73 -2.47 0.00	89.49 -2.96 0.00	80.64 -2.49 0.00	79.49 -2.54 0.00	82.69 -2.74 0.00
OUTOKUMPU-AB___DRP 24206	81.08 -5.99 -5.04	78.93 -6.39 -3.45	77.63 -6.80 -3.46	86.27 -9.48 -0.01	90.11 -9.35 0.00	77.48 -6.37 0.00	111.82 -10.92 0.00	132.68 -17.24 0.00	117.66 -15.44 0.00	97.73 -12.30 -0.21	100.67 -13.34 0.00	79.22 -8.29 -1.14	79.14 -7.71 -1.14	84.28 -8.87 -1.69	82.16 -8.59 -1.28	88.81 -8.89 -1.07	87.42 -9.31 -1.77	107.32 -10.26 -2.28	88.84 -9.63 -2.17	82.02 -7.94 -1.77	83.64 -9.98 -1.17	76.28 -7.81 -0.96	75.61 -7.30 -0.88	81.02 -7.01 -2.59
OXBOW___BTM 323836	80.46 -6.57 -5.00	78.32 -6.96 -3.42	77.03 -7.37 -3.43	85.41 -10.34 -0.01	89.22 -10.24 0.00	76.73 -7.13 0.00	110.96 -11.78 0.00	131.62 -18.30 0.00	116.85 -16.24 0.00	97.07 -12.96 -0.21	99.86 -14.14 0.00	78.60 -8.89 -1.13	78.36 -8.49 -1.13	83.35 -9.78 -1.67	81.34 -9.39 -1.27	87.93 -9.76 -1.06	86.37 -10.35 -1.75	106.14 -11.42 -2.26	87.85 -10.59 -2.15	81.13 -8.82 -1.75	82.79 -10.82 -1.16	75.43 -8.65 -0.95	74.87 -8.04 -0.87	80.22 -7.77 -2.57
OXBOW____ 24026	80.47 -6.56 -5.00	78.32 -6.96 -3.42	77.03 -7.37 -3.43	85.41 -10.34 -0.01	89.22 -10.24 0.00	76.73 -7.13 0.00	110.97 -11.78 0.00	131.63 -18.29 0.00	116.86 -16.24 0.00	96.96 -13.07 -0.21	99.87 -14.14 0.00	78.60 -8.90 -1.13	78.36 -8.49 -1.13	83.35 -9.79 -1.67	81.34 -9.39 -1.27	87.93 -9.76 -1.06	86.46 -10.26 -1.75	106.15 -11.42 -2.26	87.85 -10.59 -2.15	81.13 -8.82 -1.75	82.79 -10.82 -1.16	75.44 -8.65 -0.95	74.86 -8.04 -0.87	80.22 -7.77 -2.57
OXY_CHEM_DSASP 323612	79.52 -7.46 -4.95	77.48 -7.78 -3.39	76.19 -8.18 -3.40	84.36 -11.39 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.49 -13.26 0.00	130.13 -19.79 0.00	115.39 -17.70 0.00	95.75 -14.28 -0.21	98.73 -15.28 0.00	77.55 -9.93 -1.12	77.32 -9.51 -1.12	82.14 -10.98 -1.66	80.08 -10.65 -1.26	86.66 -11.01 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
OZONE_PARK_ESR 323760	120.31 7.14 -31.14	110.22 7.04 -21.32	109.16 6.80 -21.39	103.74 7.95 -0.05	107.72 8.26 0.00	110.58 8.47 -18.26	144.62 11.05 -10.82	170.41 14.69 -5.80	150.56 13.71 -3.76	132.94 12.19 -10.93	126.20 12.20 0.00	123.76 9.85 -27.56	123.05 9.77 -27.57	123.51 10.43 -21.62	130.47 10.02 -30.99	137.47 10.92 -29.93	156.39 10.45 -50.99	193.53 12.45 -65.78	172.52 10.40 -65.82	155.94 9.79 -57.95	141.98 9.80 -39.73	124.95 9.14 -32.67	123.65 9.27 -32.35	112.62 9.74 -17.45
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	79.52 -7.46 -4.95	77.48 -7.78 -3.39	76.19 -8.18 -3.40	84.36 -11.39 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.49 -13.26 0.00	130.13 -19.79 0.00	115.39 -17.70 0.00	95.75 -14.28 -0.21	98.73 -15.28 0.00	77.55 -9.93 -1.12	77.32 -9.51 -1.12	82.14 -10.98 -1.66	80.08 -10.65 -1.26	86.66 -11.01 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
PACKARD__115KV_DUPONT_184 80571	79.52 -7.46 -4.95	77.48 -7.78 -3.39	76.19 -8.18 -3.40	84.36 -11.39 -0.01	88.12 -11.34 0.00	75.72 -8.13 0.00	109.49 -13.26 0.00	130.13 -19.79 0.00	115.39 -17.70 0.00	95.75 -14.28 -0.21	98.73 -15.28 0.00	77.55 -9.93 -1.12	77.32 -9.51 -1.12	82.14 -10.98 -1.66	80.08 -10.65 -1.26	86.66 -11.01 -1.05	85.11 -11.59 -1.74	104.51 -13.03 -2.24	86.48 -11.94 -2.13	79.96 -9.97 -1.73	81.58 -12.02 -1.15	74.35 -9.73 -0.94	73.79 -9.11 -0.86	79.00 -8.97 -2.54
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	120.07 6.89 -31.15	109.66 6.47 -21.33	108.61 6.23 -21.40	103.17 7.37 -0.06	107.13 7.66 -0.01	109.92 7.80 -18.27	143.39 9.82 -10.82	168.76 13.04 -5.80	149.10 12.24 -3.76	131.85 11.09 -10.94	125.07 11.06 -0.01	122.91 8.98 -27.57	122.21 8.91 -27.58	122.61 9.51 -21.63	129.68 9.21 -31.00	136.51 9.95 -29.94	155.44 9.50 -50.99	192.27 11.18 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.25 9.06 -39.74	124.30 8.48 -32.68	122.92 8.53 -32.36	111.86 8.97 -17.46
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	120.90 7.71 -31.15	110.39 7.20 -21.33	109.34 6.96 -21.40	104.03 8.23 -0.06	108.02 8.55 -0.01	110.68 8.55 -18.27	144.50 10.92 -10.82	170.11 14.39 -5.80	150.29 13.44 -3.76	132.73 11.97 -10.94	125.98 11.97 -0.01	123.52 9.59 -27.57	122.81 9.51 -27.58	123.25 10.15 -21.63	130.30 9.84 -31.00	137.19 10.63 -29.94	156.11 10.16 -50.99	193.19 12.11 -65.78	172.24 10.11 -65.83	155.68 9.53 -57.96	141.99 9.80 -39.74	124.96 9.14 -32.68	123.58 9.19 -32.36	112.54 9.65 -17.46
PATROON__115KV_TB1 80586	125.02 3.94 -39.05	112.52 3.93 -26.73	111.68 3.89 -26.82	100.30 4.50 -0.06	104.14 4.67 0.00	167.82 4.36 -79.60	175.45 5.52 -47.17	181.51 6.30 -25.30	155.46 5.99 -16.37	141.77 5.82 -26.14	120.27 6.27 0.00	95.57 5.10 -4.11	94.88 5.06 -4.11	119.18 5.40 -22.33	99.15 4.92 -4.77	123.29 5.02 -21.64	141.73 4.27 -42.49	175.54 4.84 -55.40	167.35 4.14 -66.91	165.17 3.97 -73.01	150.11 3.88 -53.78	132.24 3.91 -45.20	137.60 4.35 -51.22	137.96 4.78 -47.74
PATTRSNVILLE__SOLAR 323815	127.03 3.86 -41.14	113.79 3.77 -28.16	112.96 3.73 -28.26	100.12 4.31 -0.06	103.94 4.48 0.00	213.19 3.94 -125.40	202.83 5.77 -74.31	196.52 6.75 -39.85	164.73 5.85 -25.79	154.85 4.72 -40.31	118.45 4.44 0.00	91.66 3.46 -1.84	90.98 3.43 -1.84	125.28 3.75 -30.07	95.61 3.84 -2.30	131.00 4.64 -29.74	159.44 4.75 -59.73	199.06 5.76 -78.00	197.64 4.72 -96.62	200.59 4.50 -107.89	176.88 4.44 -80.00	154.66 4.16 -67.37	163.06 3.86 -77.17	158.12 3.85 -68.84
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	80.96 -6.56 -5.50	78.58 -7.04 -3.76	77.29 -7.45 -3.78	88.19 -7.56 -0.01	92.10 -7.36 0.00	81.95 -4.61 -2.71	116.62 -7.73 -1.60	135.79 -14.99 -0.86	120.21 -13.44 -0.56	100.15 -10.76 -1.10	102.38 -11.63 0.00	80.45 -7.17 -1.25	80.02 -6.94 -1.25	85.45 -7.87 -1.85	83.36 -7.51 -1.41	90.57 -7.83 -1.78	89.96 -8.17 -3.17	110.41 -8.99 -4.10	92.21 -8.47 -4.39	85.44 -6.97 -4.21	86.46 -8.97 -2.98	78.62 -6.98 -2.47	77.91 -6.73 -2.61	83.24 -5.04 -2.85
PAWLING_115_KV_BK3_REV_LBMP_H 345028	120.30 6.89 -31.38	110.13 6.79 -21.48	109.08 6.56 -21.55	103.55 7.76 -0.05	107.52 8.06 0.00	111.11 8.39 -18.87	145.59 11.66 -11.18	170.61 14.69 -6.00	150.42 13.44 -3.88	132.23 11.31 -11.11	125.40 11.40 0.00	122.86 9.07 -27.43	122.07 8.91 -27.44	122.59 9.42 -21.71	129.62 9.30 -30.85	136.82 10.24 -29.95	155.91 9.88 -51.07	193.07 11.88 -65.89	172.26 9.92 -66.04	155.81 9.35 -58.26	141.77 9.34 -39.98	124.66 8.65 -32.88	123.26 8.61 -32.61	111.85 8.63 -17.79
PEEKSKILL____ 23653	118.33 5.58 -30.72	108.37 5.49 -21.03	107.41 5.34 -21.10	102.11 6.32 -0.05	106.03 6.56 0.00	108.67 6.79 -18.02	142.39 8.96 -10.68	167.35 11.70 -5.73	147.72 10.92 -3.71	130.25 9.67 -10.77	123.58 9.58 0.00	121.21 7.78 -27.07	120.51 7.72 -27.08	120.98 8.23 -21.28	127.86 7.96 -30.44	134.74 8.70 -29.42	153.34 8.26 -50.13	189.76 9.80 -64.66	169.30 8.28 -64.72	152.96 7.76 -57.00	139.30 7.77 -39.08	122.59 7.32 -32.14	121.15 7.30 -31.83	110.28 7.60 -17.24

PGE MADISON___WINDPWR 24146	100.63 8.61 -9.99	96.97 8.26 -6.84	95.61 7.77 -6.86	104.38 8.62 -0.02	109.41 9.95 0.00	102.06 10.06 -8.15	143.17 15.59 -4.83	171.09 18.59 -2.59	149.94 15.17 -1.68	124.83 11.97 -3.05	125.40 11.40 0.00	98.10 9.33 -2.41	97.47 9.34 -2.41	106.16 10.42 -4.28	102.56 10.37 -2.72	112.58 11.88 -4.08	114.83 12.44 -7.43	140.62 15.68 -9.64	119.64 12.71 -10.63	110.22 11.46 -10.56	111.10 11.09 -7.56	99.33 9.89 -6.30	97.76 8.94 -6.79	101.83 9.23 -7.16
PIERCEFIELD___HYD 23852	80.39 -1.64 0.00	80.39 -1.47 0.00	79.83 -1.13 0.00	94.40 -1.34 0.00	97.57 -1.89 0.00	81.34 -2.52 0.00	118.08 -4.66 0.00	145.12 -4.80 0.00	128.44 -4.66 0.00	104.98 -4.83 0.00	110.58 -3.42 0.00	83.17 -3.20 0.00	82.54 -3.17 0.00	88.08 -3.38 0.00	86.33 -3.13 0.00	92.18 -4.44 0.00	91.35 -3.61 0.00	111.15 -4.15 0.00	92.93 -3.37 0.00	84.49 -3.70 0.00	89.49 -2.96 0.00	80.89 -2.24 0.00	80.23 -1.80 0.00	83.89 -1.54 0.00
PINELAWN_CC_1 323563	139.58 8.86 -48.69	129.26 8.84 -38.55	127.66 8.58 -38.11	126.94 10.05 -21.15	127.46 10.54 -17.46	145.35 10.14 -51.36	162.69 14.35 -25.58	188.35 18.28 -20.15	160.23 15.30 -11.84	143.39 13.06 -20.52	136.64 12.65 -9.99	132.64 10.36 -35.91	131.89 10.20 -35.98	132.34 10.88 -30.00	140.71 10.55 -40.70	148.11 11.69 -39.80	170.68 11.29 -64.43	199.30 13.14 -70.86	185.08 11.07 -77.71	171.21 10.67 -72.35	160.02 10.72 -56.85	153.28 9.97 -60.17	137.63 10.74 -44.85	125.70 11.19 -29.08
PJM_GEN_HTP_PROXY 323702	119.57 6.40 -31.14	109.48 6.30 -21.32	108.44 6.08 -21.39	102.88 7.08 -0.05	108.79 7.46 -1.87	107.79 7.55 -16.39	143.51 9.94 -10.82	168.92 13.20 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.06 11.06 0.00	122.81 8.90 -27.55	122.11 8.83 -27.56	122.50 9.42 -21.62	129.57 9.13 -30.98	136.41 9.86 -29.93	155.34 9.40 -50.98	192.25 11.18 -65.77	171.45 9.34 -65.81	154.87 8.73 -57.94	140.96 8.79 -39.73	124.04 8.23 -32.67	122.65 8.28 -32.34	111.60 8.72 -17.45
PJM_GEN_KEystone 24065	60.52 -0.08 21.43	59.37 -0.33 22.16	58.56 -0.48 21.93	58.55 -0.57 36.62	59.52 -0.49 39.45	64.22 0.84 20.47	76.09 0.37 47.03	91.26 -1.04 57.61	70.04 -0.66 62.39	59.74 -0.11 49.97	55.37 -0.57 58.07	52.91 0.43 33.89	50.54 0.52 35.69	49.52 0.37 42.31	49.25 0.36 40.57	52.34 0.58 44.86	81.83 0.29 13.41	92.06 0.58 23.82	91.80 0.10 4.60	68.02 0.53 20.71	61.91 -0.28 30.26	58.25 0.33 25.22	56.20 0.50 26.33	54.56 1.11 31.98
PJM_GEN_NEPTUNE_PROXY 323594	125.11 7.71 -35.37	115.21 7.61 -25.74	113.98 7.37 -25.65	110.07 8.71 -5.62	115.05 9.14 -6.44	118.14 8.88 -25.40	148.38 12.15 -13.48	173.21 15.44 -7.85	152.25 14.25 -4.90	134.63 12.51 -12.30	127.74 12.32 -1.42	124.96 9.84 -28.75	124.25 9.77 -28.77	124.70 10.42 -22.82	131.95 10.11 -32.38	139.06 11.01 -31.42	158.42 10.54 -52.92	194.39 12.57 -66.51	174.64 10.50 -67.84	158.65 9.88 -60.58	145.99 9.99 -43.56	130.91 9.31 -38.46	126.57 9.43 -35.11	115.74 9.91 -20.40
PJM_GEN_VFT_PROXY 323633	115.91 5.91 -27.97	108.76 5.81 -21.09	107.72 5.58 -21.17	101.87 6.51 0.39	107.90 6.86 -1.58	106.98 6.96 -16.17	142.65 9.08 -10.81	132.33 12.30 29.89	111.89 11.57 32.78	104.02 10.44 16.23	118.81 10.37 5.57	118.81 8.37 -24.07	118.81 8.40 -24.69	118.81 8.87 -18.48	118.81 8.59 -20.76	119.56 9.28 -13.66	120.56 8.83 -16.77	154.42 10.49 -28.62	133.79 8.76 -28.73	126.58 8.20 -30.18	119.81 8.22 -19.14	118.81 7.73 -27.94	122.33 7.95 -32.35	111.26 8.38 -17.45
PLATSBURG_115KV_PMLD1 355749	81.70 -0.33 0.00	81.70 -0.16 0.00	81.05 0.08 0.00	96.13 0.38 0.00	99.56 0.10 0.00	83.60 -0.25 0.00	121.77 -0.98 0.00	148.27 -1.65 0.00	131.23 -1.86 0.00	108.28 -1.54 0.00	113.32 -0.68 0.00	85.41 -0.95 0.00	84.68 -1.03 0.00	90.09 -1.37 0.00	88.21 -1.25 0.00	95.17 -1.45 0.00	94.39 -0.57 0.00	114.50 -0.81 0.00	95.92 -0.39 0.00	87.31 -0.88 0.00	92.36 -0.09 0.00	82.64 -0.50 0.00	81.37 -0.66 0.00	85.52 0.09 0.00
PLEASANTVLY___LBMP 24000	120.13 5.50 -32.60	109.66 5.48 -22.32	108.63 5.26 -22.40	102.02 6.22 -0.05	105.83 6.37 0.00	109.89 6.79 -19.25	142.99 8.84 -11.40	167.13 11.09 -6.12	147.43 10.38 -3.96	130.68 9.22 -11.64	123.24 9.23 0.00	123.46 7.43 -29.67	122.76 7.37 -29.68	122.40 7.87 -23.08	130.52 7.69 -33.36	137.06 8.31 -32.13	157.55 7.88 -54.71	195.21 9.34 -70.57	174.75 7.90 -70.56	157.65 7.41 -62.04	142.46 7.49 -42.52	125.16 7.07 -34.96	123.66 7.05 -34.57	111.09 7.35 -18.31
PLSNTVLE_13_KV_13.8KVDIST 80602	119.45 6.07 -31.35	109.29 5.98 -21.46	108.33 5.83 -21.53	102.59 6.80 -0.05	106.52 7.06 0.00	109.64 7.38 -18.41	143.35 9.70 -10.91	168.21 12.44 -5.85	148.59 11.71 -3.79	131.17 10.32 -11.03	124.38 10.37 0.00	122.58 8.38 -27.84	121.88 8.31 -27.85	122.06 8.78 -21.82	129.36 8.59 -31.31	136.13 9.28 -30.24	155.29 8.83 -51.50	192.35 10.61 -66.44	171.64 8.86 -66.48	155.01 8.29 -58.52	140.89 8.32 -40.12	123.94 7.81 -32.99	122.48 7.79 -32.66	111.12 8.12 -17.57
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	119.45 6.07 -31.35	109.29 5.98 -21.46	108.33 5.83 -21.53	102.59 6.80 -0.05	106.52 7.06 0.00	109.64 7.38 -18.41	143.35 9.70 -10.91	168.21 12.44 -5.85	148.59 11.71 -3.79	131.17 10.32 -11.03	124.38 10.37 0.00	122.58 8.38 -27.84	121.88 8.31 -27.85	122.06 8.78 -21.82	129.36 8.59 -31.31	136.13 9.28 -30.24	155.29 8.83 -51.50	192.35 10.61 -66.44	171.64 8.86 -66.48	155.01 8.29 -58.52	140.89 8.32 -40.12	123.94 7.81 -32.99	122.48 7.79 -32.66	111.12 8.12 -17.57
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	120.23 6.48 -31.72	109.96 6.39 -21.71	108.91 6.15 -21.79	103.07 7.28 -0.05	106.92 7.46 0.00	112.30 7.97 -20.48	145.56 10.68 -12.13	169.77 13.34 -6.51	149.28 11.98 -4.21	131.68 10.32 -11.54	124.15 10.15 0.00	121.39 8.03 -26.99	120.78 8.06 -27.01	121.79 8.51 -21.83	128.14 8.32 -30.36	135.61 9.08 -29.90	155.12 9.02 -51.14	192.01 10.72 -65.98	171.74 9.05 -66.38	155.46 8.38 -58.88	141.44 8.51 -40.49	124.36 7.90 -33.32	123.10 7.87 -33.19	112.25 8.20 -18.61
POLETTI_____ 23519	119.65 6.48 -31.14	109.56 6.39 -21.32	108.52 6.15 -21.39	102.97 7.18 -0.05	107.02 7.56 0.00	109.91 7.80 -18.26	143.39 9.82 -10.82	168.76 13.04 -5.80	149.23 12.38 -3.76	131.84 11.09 -10.93	125.18 11.17 0.00	122.90 8.98 -27.56	122.19 8.91 -27.57	122.60 9.51 -21.62	129.67 9.21 -30.99	136.51 9.95 -29.93	155.26 9.31 -50.99	192.15 11.07 -65.78	171.37 9.24 -65.82	154.88 8.73 -57.95	140.87 8.69 -39.73	124.29 8.48 -32.67	122.99 8.61 -32.35	111.94 9.06 -17.45
POMONA___ESR 323819	116.96 5.09 -29.84	107.28 4.99 -20.43	106.33 4.86 -20.50	101.53 5.74 -0.05	105.33 5.87 0.00	107.43 6.21 -17.37	141.27 8.23 -10.29	166.08 10.65 -5.52	146.52 9.85 -3.57	128.91 8.79 -10.31	122.78 8.78 0.00	119.14 7.08 -25.70	118.45 7.03 -25.71	119.30 7.50 -20.34	125.60 7.24 -28.90	132.54 7.92 -27.99	150.16 7.50 -47.71	185.84 9.00 -61.54	165.45 7.52 -61.64	149.58 7.06 -54.33	136.83 7.12 -37.27	120.51 6.73 -30.65	119.13 6.73 -30.37	109.11 7.01 -16.68
PORT_JEFF_3 23555	138.99 9.67 -47.29	129.96 9.49 -38.61	128.32 9.31 -38.04	128.56 11.01 -21.82	128.89 11.53 -17.89	148.25 10.98 -53.41	159.03 15.95 -20.33	182.77 20.23 -12.62	157.99 17.29 -7.60	139.91 14.61 -15.49	132.88 14.13 -4.74	129.47 11.58 -31.53	128.60 11.31 -31.57	129.23 12.17 -25.61	136.97 11.90 -35.61	145.13 13.53 -34.99	165.82 13.48 -57.39	199.65 16.14 -68.20	182.75 13.58 -72.87	168.34 12.78 -67.36	159.39 12.85 -54.10	148.96 11.64 -54.19	136.30 11.57 -42.71	126.33 12.05 -28.85

PORT_JEFF_4 23616	138.99 9.67 -47.29	129.96 9.49 -38.61	128.32 9.31 -38.04	128.56 11.01 -21.82	128.89 11.53 -17.89	148.25 10.98 -53.41	159.03 15.95 -20.33	182.77 20.23 -12.62	157.99 17.29 -7.60	139.91 14.61 -15.49	132.88 14.13 -4.74	129.47 11.58 -31.53	128.60 11.31 -31.57	129.23 12.17 -25.61	136.97 11.90 -35.61	145.13 13.53 -34.99	165.82 13.48 -57.39	199.65 16.14 -68.20	182.75 13.58 -72.87	168.34 12.78 -67.36	159.39 12.85 -54.10	148.96 11.64 -54.19	136.30 11.57 -42.71	126.33 12.05 -28.85
PORT_JEFF_IC 23713	139.11 9.76 -47.32	130.12 9.66 -38.60	128.48 9.47 -38.04	128.64 11.11 -21.79	128.98 11.64 -17.88	148.44 11.24 -53.35	159.42 16.20 -20.46	183.12 20.39 -12.82	158.23 17.44 -7.70	140.15 14.72 -15.62	133.13 14.25 -4.88	129.66 11.66 -31.64	128.88 11.49 -31.68	129.43 12.26 -25.72	137.19 11.99 -35.74	145.45 13.72 -35.11	166.01 13.48 -57.56	199.72 16.14 -68.27	182.87 13.58 -72.99	168.64 12.96 -67.48	159.64 13.04 -54.16	149.19 11.72 -54.33	136.43 11.65 -42.76	126.41 12.13 -28.85
PPL_PILGRIM_ST_GT1 24216	139.18 9.67 -47.48	130.03 9.57 -38.59	128.32 9.31 -38.05	128.45 11.01 -21.70	128.81 11.53 -17.82	147.91 10.98 -53.07	159.70 15.84 -21.11	183.76 20.10 -13.74	159.03 17.70 -8.23	141.10 15.05 -16.24	134.12 14.60 -5.52	130.38 11.83 -32.18	129.51 11.57 -32.23	130.06 12.34 -26.26	137.90 12.07 -36.36	145.85 13.53 -35.70	166.69 13.29 -58.43	200.04 16.14 -68.60	183.47 13.58 -73.58	168.90 12.61 -68.10	159.70 12.76 -54.49	149.67 11.48 -55.06	136.61 11.57 -43.02	126.35 12.05 -28.87
PPL_PILGRIM_ST_GT2 24217	139.18 9.67 -47.48	130.03 9.57 -38.59	128.32 9.31 -38.05	128.45 11.01 -21.70	128.81 11.53 -17.82	147.91 10.98 -53.07	159.70 15.84 -21.11	183.76 20.10 -13.74	159.03 17.70 -8.23	141.10 15.05 -16.24	134.12 14.60 -5.52	130.38 11.83 -32.18	129.51 11.57 -32.23	130.06 12.34 -26.26	137.90 12.07 -36.36	145.85 13.53 -35.70	166.69 13.29 -58.43	200.04 16.14 -68.60	183.47 13.58 -73.58	168.90 12.61 -68.10	159.70 12.76 -54.49	149.67 11.48 -55.06	136.61 11.57 -43.02	126.35 12.05 -28.87
PPL_SHRM_GT3 24213	139.42 10.09 -47.30	130.45 9.98 -38.61	128.80 9.79 -38.04	129.23 11.68 -21.81	129.48 12.13 -17.89	148.73 11.49 -53.39	160.32 17.18 -20.39	184.35 21.73 -12.70	157.91 17.18 -7.64	139.74 14.38 -15.54	132.48 13.67 -4.80	129.08 11.15 -31.58	128.22 10.89 -31.62	128.82 11.71 -25.65	136.58 11.45 -35.66	145.37 13.71 -35.04	166.95 14.53 -57.46	201.28 17.75 -68.23	184.14 14.93 -72.91	169.45 13.85 -67.41	160.43 13.86 -54.12	149.68 12.30 -54.25	136.89 12.14 -42.73	126.92 12.64 -28.85
PPL_SHRM_GT4 24214	139.42 10.09 -47.30	130.45 9.98 -38.61	128.80 9.79 -38.04	129.23 11.68 -21.81	129.48 12.13 -17.89	148.73 11.49 -53.39	160.32 17.18 -20.39	184.35 21.73 -12.70	157.91 17.18 -7.64	139.74 14.38 -15.54	132.48 13.67 -4.80	129.08 11.15 -31.58	128.22 10.89 -31.62	128.82 11.71 -25.65	136.58 11.45 -35.66	145.37 13.71 -35.04	166.95 14.53 -57.46	201.28 17.75 -68.23	184.14 14.93 -72.91	169.45 13.85 -67.41	160.43 13.86 -54.12	149.68 12.30 -54.25	136.89 12.14 -42.73	126.92 12.64 -28.85
PROJECT___ORANGE 1 24174	84.36 -0.74 -3.07	83.06 -0.90 -2.10	82.11 -0.97 -2.11	94.22 -1.53 0.00	98.07 -1.39 0.00	83.27 -0.59 0.00	121.77 -0.98 0.00	148.42 -1.50 0.00	131.63 -1.46 0.00	108.95 -0.99 -0.13	112.75 -1.25 0.00	86.52 -0.52 -0.68	85.88 -0.51 -0.68	91.26 -0.55 -0.35	89.69 -0.54 -0.76	96.77 -0.48 -0.64	95.44 -0.57 -1.05	116.08 -0.58 -1.35	97.10 -0.48 -1.28	88.89 -0.35 -1.05	92.22 -0.92 -0.70	83.12 -0.58 -0.57	81.81 -0.74 -0.52	84.58 -0.85 0.00
PROJECT___ORANGE 2 24166	84.36 -0.74 -3.07	83.06 -0.90 -2.10	82.11 -0.97 -2.11	94.22 -1.53 0.00	98.07 -1.39 0.00	83.27 -0.59 0.00	121.77 -0.98 0.00	148.42 -1.50 0.00	131.63 -1.46 0.00	108.95 -0.99 -0.13	112.75 -1.25 0.00	86.52 -0.52 -0.68	85.88 -0.51 -0.68	91.26 -0.55 -0.35	89.69 -0.54 -0.76	96.77 -0.48 -0.64	95.44 -0.57 -1.05	116.08 -0.58 -1.35	97.10 -0.48 -1.28	88.89 -0.35 -1.05	92.22 -0.92 -0.70	83.12 -0.58 -0.57	81.81 -0.74 -0.52	84.58 -0.85 0.00
PUCKETT___SOLAR 323809	95.33 2.62 -10.68	91.54 2.38 -7.31	90.40 2.10 -7.33	98.15 2.39 -0.02	102.24 2.78 0.00	94.30 3.44 -7.01	131.94 5.03 -4.15	157.39 5.24 -2.23	138.67 4.13 -1.44	115.93 3.41 -2.70	116.86 2.85 0.00	91.57 2.68 -2.52	90.98 2.74 -2.53	98.61 3.01 -4.14	95.44 3.13 -2.85	104.32 3.76 -3.93	105.86 3.80 -7.09	129.34 4.84 -9.19	110.15 3.86 -10.00	101.68 3.70 -9.78	102.46 3.05 -6.97	92.01 3.08 -5.80	90.92 2.70 -6.19	95.20 3.07 -6.70
PYRITES___HYD 24023	81.70 -0.33 0.00	81.70 -0.16 0.00	81.13 0.16 0.00	95.93 0.19 0.00	99.26 -0.20 0.00	83.10 -0.75 0.00	121.28 -1.47 0.00	149.17 -0.75 0.00	131.90 -1.20 0.00	107.51 -2.31 0.00	112.98 -1.03 0.00	84.89 -1.47 0.00	84.34 -1.37 0.00	90.00 -1.46 0.00	88.30 -1.16 0.00	94.59 -2.03 0.00	93.72 -1.23 0.00	114.04 -1.27 0.00	95.34 -0.96 0.00	86.61 -1.59 0.00	91.71 -0.74 0.00	82.64 -0.50 0.00	81.78 -0.25 0.00	85.35 -0.09 0.00
QUAKERRD_115KV_BK1 80622	82.15 -3.77 -3.89	80.43 -4.09 -2.66	79.43 -4.21 -2.67	89.43 -6.32 -0.01	93.20 -6.27 0.00	79.41 -4.44 0.00	116.00 -6.75 0.00	140.92 -8.99 0.00	124.98 -8.12 0.00	103.39 -6.59 -0.16	106.71 -7.30 0.00	82.66 -4.58 -0.87	82.04 -4.54 -0.87	87.79 -4.94 -1.27	85.43 -5.01 -0.98	92.32 -5.12 -0.82	91.18 -5.13 -1.35	111.39 -5.65 -1.74	92.85 -5.10 -1.65	85.22 -4.32 -1.35	87.80 -5.55 -0.89	79.29 -4.57 -0.73	78.11 -4.59 -0.67	82.33 -5.04 -1.94
QUENSBRY_115KV_TB8 356137	128.05 5.99 -40.03	115.16 5.89 -27.40	114.46 5.99 -27.50	102.60 6.80 -0.06	106.62 7.16 0.00	209.12 6.37 -118.90	202.78 9.57 -70.46	199.40 11.69 -37.79	168.06 10.51 -24.45	157.07 8.79 -38.47	122.78 8.78 0.00	96.35 6.91 -3.08	95.39 6.60 -3.08	128.17 7.23 -29.49	100.57 7.43 -3.68	134.29 8.21 -29.45	161.75 8.07 -58.72	201.85 9.92 -76.63	198.44 7.99 -94.14	200.04 7.50 -104.35	177.14 7.49 -77.21	154.77 6.65 -64.98	162.45 6.23 -74.18	157.52 6.15 -65.94
RAMAPO___LBMP 323565	116.71 4.92 -29.75	107.06 4.83 -20.37	106.10 4.70 -20.44	101.34 5.55 -0.05	105.13 5.67 0.00	107.36 6.21 -17.30	140.98 7.98 -10.26	165.61 10.19 -5.50	146.24 9.58 -3.56	128.64 8.57 -10.26	122.44 8.44 0.00	118.85 6.91 -25.58	118.16 6.86 -25.59	119.03 7.32 -20.25	125.29 7.07 -28.76	132.21 7.73 -27.86	149.76 7.31 -47.49	185.21 8.65 -61.26	164.98 7.32 -61.36	149.16 6.88 -54.09	136.39 6.84 -37.10	120.13 6.48 -30.51	118.75 6.48 -30.24	108.89 6.83 -16.62
RANKINE____ 23646	81.65 -5.74 -5.36	79.39 -6.14 -3.67	78.01 -6.64 -3.68	87.33 -8.43 -0.01	91.21 -8.26 0.00	81.04 -5.45 -2.64	115.35 -8.96 -1.56	135.31 -15.44 -0.84	119.93 -13.71 -0.54	99.90 -10.98 -1.07	102.15 -11.86 0.00	80.24 -7.34 -1.22	79.90 -7.03 -1.22	85.30 -7.96 -1.80	83.14 -7.69 -1.37	90.43 -7.92 -1.73	89.69 -8.36 -3.09	110.19 -9.11 -3.99	91.90 -8.67 -4.27	85.24 -7.06 -4.10	86.29 -9.06 -2.90	78.48 -7.07 -2.41	77.92 -6.64 -2.54	82.39 -5.81 -2.77
RAVENSWOOD_GT2_1 24244	119.66 6.48 -31.15	109.57 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.51 9.94 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	131.84 11.09 -10.94	125.18 11.17 0.00	122.90 8.98 -27.56	122.20 8.91 -27.57	122.60 9.51 -21.63	129.67 9.21 -30.99	136.51 9.95 -29.94	155.36 9.40 -51.00	192.27 11.18 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.13 8.31 -32.68	122.83 8.45 -32.35	111.77 8.88 -17.45

RAVENSWOOD_GT2_2 24245	119.66 6.48 -31.15	109.57 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.51 9.94 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	131.84 11.09 -10.94	125.18 11.17 0.00	122.90 8.98 -27.56	122.20 8.91 -27.57	122.60 9.51 -21.63	129.67 9.21 -30.99	136.51 9.95 -29.94	155.36 9.40 -51.00	192.27 11.18 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.13 8.31 -32.68	122.83 8.45 -32.35	111.77 8.88 -17.45
RAVENSWOOD_GT2_3 24246	119.74 6.56 -31.15	109.65 6.47 -21.32	108.60 6.23 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	131.95 11.20 -10.94	125.18 11.17 0.00	122.90 8.98 -27.56	122.28 9.00 -27.57	122.60 9.51 -21.63	129.67 9.21 -30.99	136.51 9.95 -29.94	155.45 9.50 -51.00	192.39 11.30 -65.78	171.57 9.44 -65.83	155.06 8.91 -57.96	141.06 8.87 -39.74	124.21 8.40 -32.68	122.91 8.53 -32.35	111.77 8.88 -17.45
RAVENSWOOD_GT2_4 24247	119.74 6.56 -31.15	109.65 6.47 -21.32	108.60 6.23 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	131.95 11.20 -10.94	125.18 11.17 0.00	122.90 8.98 -27.56	122.28 9.00 -27.57	122.60 9.51 -21.63	129.67 9.21 -30.99	136.51 9.95 -29.94	155.45 9.50 -51.00	192.39 11.30 -65.78	171.57 9.44 -65.83	155.06 8.91 -57.96	141.06 8.87 -39.74	124.21 8.40 -32.68	122.91 8.53 -32.35	111.77 8.88 -17.45
RAVENSWOOD_GT3_1 24248	119.66 6.48 -31.15	109.57 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	131.84 11.09 -10.94	125.18 11.17 0.00	122.90 8.98 -27.56	122.20 8.91 -27.57	122.60 9.51 -21.63	129.67 9.21 -30.99	136.51 9.95 -29.94	155.45 9.50 -51.00	192.39 11.30 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.21 8.40 -32.68	122.83 8.45 -32.35	111.77 8.88 -17.45
RAVENSWOOD_GT3_2 24249	119.66 6.48 -31.15	109.57 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	110.00 7.88 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	131.84 11.09 -10.94	125.18 11.17 0.00	122.90 8.98 -27.56	122.20 8.91 -27.57	122.60 9.51 -21.63	129.67 9.21 -30.99	136.51 9.95 -29.94	155.45 9.50 -51.00	192.39 11.30 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.21 8.40 -32.68	122.83 8.45 -32.35	111.77 8.88 -17.45
RAVENSWOOD_GT3_3 24250	119.82 6.64 -31.15	109.73 6.55 -21.32	108.68 6.32 -21.40	103.16 7.37 -0.05	107.12 7.66 0.00	110.08 7.97 -18.26	143.76 10.19 -10.82	169.06 13.34 -5.80	149.49 12.64 -3.76	132.06 11.31 -10.94	125.29 11.29 0.00	122.99 9.07 -27.56	122.37 9.09 -27.57	122.69 9.60 -21.63	129.76 9.30 -30.99	136.61 10.05 -29.94	155.55 9.59 -51.00	192.50 11.42 -65.78	171.66 9.53 -65.83	155.15 9.00 -57.96	141.25 9.06 -39.74	124.29 8.48 -32.68	122.99 8.61 -32.35	111.85 8.97 -17.45
RAVENSWOOD_GT3_4 24251	119.82 6.64 -31.15	109.73 6.55 -21.32	108.68 6.32 -21.40	103.16 7.37 -0.05	107.12 7.66 0.00	110.08 7.97 -18.26	143.76 10.19 -10.82	169.06 13.34 -5.80	149.49 12.64 -3.76	132.06 11.31 -10.94	125.29 11.29 0.00	122.99 9.07 -27.56	122.37 9.09 -27.57	122.69 9.60 -21.63	129.76 9.30 -30.99	136.61 10.05 -29.94	155.55 9.59 -51.00	192.50 11.42 -65.78	171.66 9.53 -65.83	155.15 9.00 -57.96	141.25 9.06 -39.74	124.29 8.48 -32.68	122.99 8.61 -32.35	111.85 8.97 -17.45
RAVENSWOOD_GT_1 23729	120.16 6.97 -31.16	111.01 6.88 -22.27	109.96 6.64 -22.35	105.40 7.85 -1.81	108.81 8.16 -1.19	111.35 8.30 -19.19	143.88 10.31 -10.82	169.51 13.79 -5.80	149.90 13.04 -3.76	157.09 11.75 -35.52	152.66 11.74 -26.92	144.99 9.41 -49.21	140.55 9.43 -45.41	135.41 10.06 -33.89	138.21 9.75 -38.99	151.61 10.53 -44.45	158.89 9.97 -53.96	207.48 11.88 -80.30	201.30 9.92 -95.08	179.13 9.26 -81.67	166.93 9.34 -65.15	139.15 8.81 -47.20	124.45 8.94 -33.48	114.30 9.40 -19.47
RAVENSWOOD_GT_10 24258	119.66 6.48 -31.15	109.56 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	109.91 7.80 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	130.61 11.09 -9.70	123.71 11.06 1.35	121.82 8.98 -26.47	121.30 8.91 -26.68	121.98 9.51 -21.01	129.27 9.21 -30.59	136.51 9.95 -29.94	155.21 9.40 -50.85	192.27 11.18 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.12 8.31 -32.68	122.77 8.45 -32.29	111.67 8.88 -17.35
RAVENSWOOD_GT_11 24259	119.66 6.48 -31.15	109.56 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	109.91 7.80 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	130.61 11.09 -9.70	123.71 11.06 1.35	121.82 8.98 -26.47	121.30 8.91 -26.68	121.98 9.51 -21.01	129.27 9.21 -30.59	136.51 9.95 -29.94	155.21 9.40 -50.85	192.27 11.18 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.12 8.31 -32.68	122.77 8.45 -32.29	111.67 8.88 -17.35
RAVENSWOOD_GT_4 24252	119.57 6.40 -31.14	110.20 6.30 -22.03	109.15 6.07 -22.11	104.30 7.18 -1.38	107.82 7.46 -0.89	110.61 7.80 -18.96	143.51 9.94 -10.82	168.91 13.19 -5.80	149.23 12.38 -3.76	131.74 10.98 -10.94	125.07 11.06 -0.01	122.82 8.90 -27.57	122.12 8.83 -27.58	122.50 9.42 -21.62	129.59 9.13 -31.00	147.47 9.86 -40.99	155.36 9.40 -51.00	203.33 11.18 -76.84	193.75 9.34 -88.10	172.94 8.73 -76.01	160.32 8.78 -59.09	135.09 8.23 -43.73	122.75 8.37 -32.36	111.69 8.80 -17.46
RAVENSWOOD_GT_5 24254	119.57 6.40 -31.14	110.20 6.30 -22.03	109.15 6.07 -22.11	104.30 7.18 -1.38	107.82 7.46 -0.89	110.61 7.80 -18.96	143.51 9.94 -10.82	168.91 13.19 -5.80	149.23 12.38 -3.76	131.74 10.98 -10.94	125.07 11.06 -0.01	122.82 8.90 -27.57	122.12 8.83 -27.58	122.50 9.42 -21.62	129.59 9.13 -31.00	147.47 9.86 -40.99	155.36 9.40 -51.00	203.33 11.18 -76.84	193.75 9.34 -88.10	172.94 8.73 -76.01	160.32 8.78 -59.09	135.09 8.23 -43.73	122.75 8.37 -32.36	111.69 8.80 -17.46
RAVENSWOOD_GT_6 24253	119.57 6.40 -31.14	110.20 6.30 -22.03	109.15 6.07 -22.11	104.30 7.18 -1.38	107.82 7.46 -0.89	110.61 7.80 -18.96	143.51 9.94 -10.82	168.91 13.19 -5.80	149.23 12.38 -3.76	131.74 10.98 -10.94	125.07 11.06 -0.01	122.82 8.90 -27.57	122.12 8.83 -27.58	122.50 9.42 -21.62	129.59 9.13 -31.00	147.47 9.86 -40.99	155.36 9.40 -51.00	203.33 11.18 -76.84	193.75 9.34 -88.10	172.94 8.73 -76.01	160.32 8.78 -59.09	135.09 8.23 -43.73	122.75 8.37 -32.36	111.69 8.80 -17.46
RAVENSWOOD_GT_7 24255	119.57 6.40 -31.14	110.20 6.30 -22.03	109.15 6.07 -22.11	104.30 7.18 -1.38	107.82 7.46 -0.89	110.61 7.80 -18.96	143.51 9.94 -10.82	168.91 13.19 -5.80	149.23 12.38 -3.76	131.74 10.98 -10.94	125.07 11.06 -0.01	122.82 8.90 -27.57	122.12 8.83 -27.58	122.50 9.42 -21.62	129.59 9.13 -31.00	147.47 9.86 -40.99	155.36 9.40 -51.00	203.33 11.18 -76.84	193.75 9.34 -88.10	172.94 8.73 -76.01	160.32 8.78 -59.09	135.09 8.23 -43.73	122.75 8.37 -32.36	111.69 8.80 -17.46
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	119.66 6.48 -31.15	109.56 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	109.91 7.80 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	130.61 11.09 -9.70	123.71 11.06 1.35	121.82 8.98 -26.47	121.30 8.91 -26.68	121.98 9.51 -21.01	129.27 9.21 -30.59	136.51 9.95 -29.94	155.21 9.40 -50.85	192.27 11.18 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.12 8.31 -32.68	122.77 8.45 -32.29	111.67 8.88 -17.35

RAVENSWOOD_GT_9 24257	119.66 6.48 -31.15	109.56 6.39 -21.32	108.52 6.15 -21.40	103.07 7.28 -0.05	107.02 7.56 0.00	109.91 7.80 -18.26	143.64 10.07 -10.82	168.91 13.19 -5.80	149.36 12.51 -3.76	130.61 11.09 -9.70	123.71 11.06 1.35	121.82 8.98 -26.47	121.30 8.91 -26.68	121.98 9.51 -21.01	129.27 9.21 -30.59	136.51 9.95 -29.94	155.21 9.40 -50.85	192.27 11.18 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.87 -39.74	124.12 8.31 -32.68	122.77 8.45 -32.29	111.67 8.88 -17.35
RAVENSWOOD___1 23533	120.08 6.89 -31.15	110.07 6.88 -21.33	109.01 6.64 -21.40	103.55 7.75 -0.06	107.52 8.05 -0.01	110.18 8.05 -18.27	143.88 10.31 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.61 11.64 -23.15	139.13 11.74 -13.38	134.10 9.41 -38.32	131.49 9.34 -36.44	129.16 9.97 -27.73	134.09 9.67 -34.96	137.00 10.44 -29.94	157.39 9.97 -52.47	192.85 11.77 -65.78	172.05 9.92 -65.83	155.41 9.26 -57.96	141.52 9.33 -39.74	124.63 8.81 -32.68	123.80 8.86 -32.91	113.20 9.31 -18.45
RAVENSWOOD___2 23534	120.08 6.89 -31.15	109.98 6.79 -21.33	108.93 6.56 -21.40	103.55 7.75 -0.06	107.52 8.05 -0.01	110.18 8.05 -18.27	143.75 10.18 -10.82	169.36 13.64 -5.80	149.76 12.91 -3.76	144.56 11.64 -23.11	138.97 11.63 -13.33	133.97 9.33 -38.28	131.46 9.34 -36.40	129.14 9.97 -27.71	133.99 9.58 -34.95	137.00 10.44 -29.94	157.39 9.97 -52.46	192.85 11.77 -65.78	171.96 9.83 -65.83	155.41 9.26 -57.96	141.52 9.33 -39.74	124.55 8.73 -32.68	123.80 8.86 -32.91	113.19 9.31 -18.45
RAVENSWOOD___3 23535	119.66 6.48 -31.15	109.57 6.39 -21.32	108.51 6.15 -21.40	103.06 7.27 -0.05	107.02 7.56 0.00	109.75 7.63 -18.26	143.64 10.07 -10.82	168.92 13.20 -5.80	149.36 12.51 -3.76	131.96 11.21 -10.94	125.18 11.18 0.00	122.90 8.98 -27.56	122.20 8.91 -27.57	122.60 9.51 -21.63	129.67 9.22 -30.99	136.51 9.95 -29.94	155.45 9.49 -51.00	192.39 11.31 -65.78	171.57 9.44 -65.83	154.97 8.82 -57.96	141.06 8.88 -39.74	124.12 8.31 -32.68	122.83 8.45 -32.35	111.77 8.88 -17.45
RAVENSWOOD___4 23820	120.07 6.89 -31.15	109.05 6.79 -20.40	108.00 6.56 -20.47	101.83 7.75 1.67	106.36 8.05 1.16	109.27 8.05 -17.36	143.75 10.18 -10.82	169.36 13.64 -5.80	149.75 12.91 -3.75	132.38 11.64 -10.93	125.63 11.63 0.01	123.24 9.33 -27.55	122.62 9.34 -27.56	122.97 9.88 -21.63	130.02 9.58 -30.98	122.70 10.44 -15.64	155.82 9.88 -50.99	178.56 11.77 -51.49	143.15 9.83 -37.03	131.98 9.17 -34.61	116.41 9.24 -14.72	110.25 8.73 -18.39	123.24 8.86 -32.34	112.19 9.31 -17.44
RCPL_TRUST___DRP 24196	119.73 6.56 -31.14	109.56 6.39 -21.32	108.51 6.15 -21.39	103.07 7.28 -0.05	107.02 7.56 0.00	109.99 7.88 -18.26	143.88 10.31 -10.82	169.21 13.49 -5.80	149.63 12.78 -3.76	132.06 11.31 -10.93	125.29 11.29 0.00	123.07 9.15 -27.55	122.36 9.09 -27.56	122.78 9.69 -21.62	129.75 9.30 -30.98	136.60 10.05 -29.93	155.53 9.59 -50.98	192.48 11.42 -65.77	171.65 9.53 -65.81	155.05 8.91 -57.94	141.14 8.97 -39.73	124.20 8.40 -32.67	122.82 8.45 -32.34	111.76 8.88 -17.45
RED___ROCHESTER 323720	83.98 -2.05 -3.99	82.14 -2.45 -2.73	81.04 -2.67 -2.74	91.06 -4.69 -0.01	94.89 -4.57 0.00	81.09 -2.77 0.00	118.21 -4.54 0.00	143.17 -6.74 0.00	127.11 -5.99 0.00	105.48 -4.51 -0.17	108.53 -5.47 0.00	84.32 -2.94 -0.90	83.70 -2.91 -0.90	89.56 -3.20 -1.31	87.07 -3.40 -1.01	94.18 -3.29 -0.84	93.02 -3.33 -1.39	113.74 -3.35 -1.78	94.72 -3.27 -1.70	87.11 -2.47 -1.38	89.57 -3.79 -0.92	80.97 -2.91 -0.75	79.69 -3.03 -0.69	84.01 -3.42 -2.00
REGAN___SOLAR 323812	130.97 6.07 -42.87	117.18 5.97 -29.35	116.50 6.08 -29.45	102.61 6.80 -0.07	106.72 7.26 0.00	207.33 6.21 -117.28	202.19 9.94 -69.50	198.73 11.54 -37.27	167.06 9.85 -24.12	155.03 7.47 -37.75	120.73 6.72 0.00	93.34 5.01 -1.97	92.65 4.97 -1.97	125.42 5.58 -28.38	97.80 5.90 -2.43	131.92 7.25 -28.05	158.90 7.69 -56.25	198.43 9.69 -73.44	194.94 7.80 -90.84	196.90 7.41 -101.29	174.92 7.40 -75.07	153.00 6.65 -63.22	160.47 6.07 -72.37	155.92 5.81 -64.68
RENSSELAER___COGEN 23796	124.28 3.61 -38.64	111.91 3.60 -26.45	111.07 3.56 -26.55	100.01 4.21 -0.06	103.83 4.37 0.00	152.10 4.02 -64.23	165.59 4.78 -38.06	175.88 5.55 -20.41	151.49 5.19 -13.21	136.22 5.16 -21.24	119.70 5.70 0.00	95.18 4.66 -4.15	94.41 4.54 -4.16	115.65 4.84 -19.34	98.63 4.38 -4.79	119.31 4.45 -18.25	134.24 3.70 -35.58	165.81 4.14 -46.37	155.52 3.66 -55.56	151.91 3.53 -60.19	140.11 3.42 -44.24	123.79 3.49 -37.16	128.01 4.02 -41.96	130.52 4.44 -40.65
REPUBLIC_115KV_BARTNBRK 55605	130.57 8.53 -40.01	117.60 8.35 -27.38	117.03 8.58 -27.48	105.57 9.77 -0.06	109.71 10.24 0.00	211.06 8.89 -118.32	206.74 13.87 -70.12	204.61 17.09 -37.60	172.74 15.31 -24.33	160.75 12.63 -38.30	126.43 12.43 0.00	99.19 9.67 -3.16	98.04 9.17 -3.16	130.93 10.06 -29.41	103.79 10.56 -3.77	137.61 11.59 -29.40	165.12 11.58 -58.58	206.27 14.53 -76.44	201.53 11.36 -93.86	202.85 10.67 -103.99	180.10 10.72 -76.93	157.19 9.31 -64.74	164.46 8.53 -73.89	159.47 8.37 -65.67
REVERE_CPPR_DRP 24186	87.66 4.02 -1.61	86.81 3.85 -1.10	85.72 3.64 -1.11	99.67 3.93 0.00	103.94 4.48 0.00	88.13 4.28 0.00	129.01 6.26 0.00	157.56 7.65 0.00	139.35 6.26 0.00	114.76 4.94 0.00	118.91 4.90 0.00	90.25 3.89 0.00	89.57 3.86 0.00	95.94 4.48 0.00	93.94 4.47 0.00	101.74 5.12 0.00	100.18 5.22 0.00	122.11 6.80 0.00	101.79 5.49 0.00	92.87 4.67 0.00	96.98 4.53 0.00	87.21 4.07 0.00	85.64 3.61 0.00	89.02 3.59 0.00
REYNOLDS_115KV_TB3 80639	124.85 4.10 -38.72	112.37 4.01 -26.50	111.53 3.97 -26.60	100.40 4.60 -0.06	104.24 4.77 0.00	162.43 5.12 -73.46	172.79 6.51 -43.53	180.61 7.35 -23.35	155.12 6.92 -15.11	140.94 6.59 -24.54	120.96 6.95 0.00	98.02 5.61 -6.05	97.33 5.57 -6.05	119.48 5.94 -22.08	102.03 5.64 -6.93	124.50 5.80 -22.09	142.80 5.13 -42.71	176.80 5.88 -55.62	167.41 5.10 -66.01	163.97 4.94 -70.83	149.27 4.90 -51.92	131.54 4.82 -43.58	136.02 5.00 -48.98	135.69 5.47 -44.79
RIVERBAY____ 323610	120.90 7.71 -31.15	110.39 7.20 -21.33	109.34 6.96 -21.40	104.03 8.23 -0.06	108.02 8.55 -0.01	110.68 8.55 -18.27	144.50 10.92 -10.82	170.11 14.39 -5.80	150.29 13.44 -3.76	132.73 11.97 -10.94	125.98 11.97 -0.01	123.52 9.59 -27.57	122.81 9.51 -27.58	123.25 10.15 -21.63	130.30 9.84 -31.00	137.19 10.63 -29.94	156.11 10.16 -50.99	193.19 12.11 -65.78	172.24 10.11 -65.83	155.68 9.53 -57.96	141.99 9.80 -39.74	124.96 9.14 -32.68	123.58 9.19 -32.36	112.54 9.65 -17.46
RIVERSDE_115KV_TB3 55908	124.78 3.94 -38.81	112.36 3.93 -26.57	111.43 3.81 -26.66	100.30 4.50 -0.06	104.14 4.67 0.00	161.91 4.70 -73.36	171.99 5.77 -43.47	179.83 6.60 -23.31	154.44 6.26 -15.09	140.17 6.04 -24.31	120.50 6.50 0.00	96.65 5.27 -5.02	95.88 5.14 -5.02	118.59 5.58 -21.55	100.34 5.10 -5.78	122.94 5.22 -21.10	140.59 4.56 -41.07	173.89 5.07 -53.51	164.72 4.43 -63.99	161.69 4.32 -69.17	147.42 4.16 -50.81	130.05 4.24 -42.68	134.76 4.59 -48.14	135.28 5.04 -44.81
ROARING___BROOK_WT_PWR 323790	81.05 -0.98 0.00	80.88 -0.98 0.00	80.00 -0.97 0.00	94.60 -1.14 0.00	98.07 -1.39 0.00	82.35 -1.51 0.00	120.54 -2.21 0.00	147.22 -2.69 0.00	130.56 -2.53 0.00	107.62 -2.20 0.00	112.18 -1.83 0.00	84.89 -1.47 0.00	84.34 -1.37 0.00	90.09 -1.37 0.00	88.21 -1.25 0.00	95.27 -1.35 0.00	93.82 -1.14 0.00	113.93 -1.38 0.00	95.05 -1.25 0.00	86.88 -1.32 0.00	91.24 -1.20 0.00	81.89 -1.24 0.00	80.80 -1.23 0.00	84.15 -1.28 0.00

ROCHESRG_115KV_T4 355643	83.04 -2.95 -3.96	81.30 -3.27 -2.71	80.21 -3.48 -2.72	90.10 -5.65 -0.01	93.89 -5.57 0.00	80.16 -3.69 0.00	116.86 -5.89 0.00	141.52 -8.40 0.00	125.51 -7.59 0.00	103.83 -6.15 -0.16	107.16 -6.84 0.00	83.19 -4.06 -0.89	82.57 -4.03 -0.89	88.27 -4.48 -1.30	85.99 -4.47 -1.00	92.91 -4.54 -0.83	91.68 -4.65 -1.37	112.12 -4.96 -1.77	93.36 -4.62 -1.68	85.86 -3.70 -1.37	88.27 -5.08 -0.91	79.89 -3.99 -0.74	78.69 -4.02 -0.68	83.14 -4.27 -1.98
ROCHESTER_9_IC 23652	83.56 -2.46 -3.99	81.73 -2.87 -2.73	80.64 -3.08 -2.74	90.58 -5.17 -0.01	94.39 -5.07 0.00	80.67 -3.19 0.00	117.59 -5.16 0.00	142.57 -7.35 0.00	126.44 -6.65 0.00	104.60 -5.38 -0.17	107.96 -6.04 0.00	83.80 -3.45 -0.90	83.18 -3.43 -0.90	88.93 -3.84 -1.31	86.53 -3.94 -1.01	93.60 -3.86 -0.84	92.45 -3.89 -1.39	113.05 -4.04 -1.78	94.14 -3.85 -1.70	86.49 -3.09 -1.38	88.93 -4.44 -0.92	80.48 -3.41 -0.75	79.19 -3.53 -0.69	83.58 -3.84 -2.00
ROCKVIEW_13_KV_LD 356306	119.57 6.40 -31.14	109.56 6.39 -21.32	108.52 6.15 -21.39	102.97 7.18 -0.05	106.92 7.46 0.00	109.91 7.80 -18.26	143.76 10.19 -10.82	168.91 13.19 -5.80	149.23 12.38 -3.76	131.73 10.98 -10.93	125.06 11.06 0.00	122.81 8.90 -27.56	122.11 8.83 -27.57	122.50 9.42 -21.62	129.58 9.13 -30.99	136.41 9.86 -29.93	155.35 9.40 -50.99	192.50 11.42 -65.78	171.56 9.44 -65.82	154.97 8.82 -57.95	141.06 8.87 -39.74	124.04 8.23 -32.67	122.58 8.20 -32.35	111.51 8.63 -17.45
ROME____115KV_TB2 80656	87.66 4.02 -1.61	86.81 3.85 -1.10	85.72 3.64 -1.11	99.67 3.93 0.00	103.94 4.48 0.00	88.13 4.28 0.00	129.01 6.26 0.00	157.56 7.65 0.00	139.35 6.26 0.00	114.76 4.94 0.00	118.91 4.90 0.00	90.25 3.89 0.00	89.57 3.86 0.00	95.94 4.48 0.00	93.94 4.47 0.00	101.74 5.12 0.00	100.18 5.22 0.00	122.11 6.80 0.00	101.79 5.49 0.00	92.87 4.67 0.00	96.98 4.53 0.00	87.21 4.07 0.00	85.64 3.61 0.00	89.02 3.59 0.00
ROSETON___1 23587	118.04 5.25 -30.76	108.16 5.24 -21.05	107.12 5.02 -21.13	101.73 5.94 -0.05	105.63 6.17 0.00	108.22 6.37 -18.00	141.88 8.46 -10.67	166.44 10.80 -5.72	146.78 9.99 -3.70	129.46 8.89 -10.75	122.90 8.90 0.00	120.53 7.16 -27.00	119.84 7.11 -27.01	120.29 7.59 -21.24	127.25 7.42 -30.36	133.99 8.02 -29.35	152.57 7.60 -50.01	188.82 9.00 -64.51	168.48 7.61 -64.57	152.30 7.23 -56.87	138.66 7.22 -39.00	122.02 6.82 -32.07	120.59 6.80 -31.76	109.74 7.09 -17.22
ROSETON___2 23588	118.04 5.25 -30.76	108.16 5.24 -21.05	107.12 5.02 -21.13	101.73 5.94 -0.05	105.63 6.17 0.00	108.22 6.37 -18.00	141.88 8.46 -10.67	166.44 10.80 -5.72	146.78 9.99 -3.70	129.46 8.89 -10.75	122.90 8.90 0.00	120.53 7.16 -27.00	119.84 7.11 -27.01	120.29 7.59 -21.24	127.25 7.42 -30.36	133.99 8.02 -29.35	152.57 7.60 -50.01	188.82 9.00 -64.51	168.48 7.61 -64.57	152.30 7.23 -56.87	138.66 7.22 -39.00	122.02 6.82 -32.07	120.59 6.80 -31.76	109.74 7.09 -17.22
ROTRRDAM_115KV_TB3 80664	125.87 3.36 -40.48	112.93 3.36 -27.71	112.10 3.32 -27.81	99.54 3.73 -0.06	103.44 3.98 0.00	215.80 3.44 -128.51	203.69 4.79 -76.16	196.46 5.70 -40.84	164.58 5.06 -26.43	155.61 4.50 -41.29	118.34 4.33 0.00	91.69 3.54 -1.79	91.01 3.51 -1.79	125.93 3.75 -30.72	95.47 3.76 -2.25	131.16 4.15 -30.39	160.11 4.08 -61.07	199.89 4.84 -79.74	199.19 4.04 -98.84	202.50 3.88 -110.43	178.12 3.79 -81.88	155.67 3.57 -68.96	164.49 3.45 -79.02	159.37 3.50 -70.43
RUSSELL___1 23602	83.97 -2.05 -3.99	82.14 -2.46 -2.73	81.04 -2.67 -2.74	91.06 -4.69 -0.01	94.89 -4.58 0.00	81.09 -2.77 0.00	118.21 -4.54 0.00	143.17 -6.75 0.00	127.11 -5.99 0.00	105.15 -4.83 -0.17	108.53 -5.47 0.00	84.32 -2.94 -0.90	83.70 -2.91 -0.90	89.48 -3.29 -1.31	87.07 -3.40 -1.01	94.18 -3.29 -0.84	93.02 -3.32 -1.39	113.75 -3.34 -1.78	94.82 -3.18 -1.70	87.11 -2.47 -1.38	89.58 -3.79 -0.92	80.97 -2.91 -0.75	79.69 -3.04 -0.69	84.01 -3.42 -2.00
RUSSELL___2 23532	83.97 -2.05 -3.99	82.14 -2.46 -2.73	81.04 -2.67 -2.74	91.06 -4.69 -0.01	94.89 -4.58 0.00	81.09 -2.77 0.00	118.21 -4.54 0.00	143.17 -6.75 0.00	127.11 -5.99 0.00	105.15 -4.83 -0.17	108.53 -5.47 0.00	84.32 -2.94 -0.90	83.70 -2.91 -0.90	89.48 -3.29 -1.31	87.07 -3.40 -1.01	94.18 -3.29 -0.84	93.02 -3.32 -1.39	113.75 -3.34 -1.78	94.82 -3.18 -1.70	87.11 -2.47 -1.38	89.58 -3.79 -0.92	80.97 -2.91 -0.75	79.69 -3.04 -0.69	84.01 -3.42 -2.00
RUSSELL___3 23549	83.97 -2.05 -3.99	82.14 -2.46 -2.73	81.04 -2.67 -2.74	91.06 -4.69 -0.01	94.89 -4.58 0.00	81.09 -2.77 0.00	118.21 -4.54 0.00	143.17 -6.75 0.00	127.11 -5.99 0.00	105.15 -4.83 -0.17	108.53 -5.47 0.00	84.32 -2.94 -0.90	83.70 -2.91 -0.90	89.48 -3.29 -1.31	87.07 -3.40 -1.01	94.18 -3.29 -0.84	93.02 -3.32 -1.39	113.75 -3.34 -1.78	94.82 -3.18 -1.70	87.11 -2.47 -1.38	89.58 -3.79 -0.92	80.97 -2.91 -0.75	79.69 -3.04 -0.69	84.01 -3.42 -2.00
RUSSELL___4 23556	83.97 -2.05 -3.99	82.14 -2.46 -2.73	81.04 -2.67 -2.74	91.06 -4.69 -0.01	94.89 -4.58 0.00	81.09 -2.77 0.00	118.21 -4.54 0.00	143.17 -6.75 0.00	127.11 -5.99 0.00	105.15 -4.83 -0.17	108.53 -5.47 0.00	84.32 -2.94 -0.90	83.70 -2.91 -0.90	89.48 -3.29 -1.31	87.07 -3.40 -1.01	94.18 -3.29 -0.84	93.02 -3.32 -1.39	113.75 -3.34 -1.78	94.82 -3.18 -1.70	87.11 -2.47 -1.38	89.58 -3.79 -0.92	80.97 -2.91 -0.75	79.69 -3.04 -0.69	84.01 -3.42 -2.00
RUSSELL___STATION 23914	83.97 -2.05 -3.99	82.14 -2.46 -2.73	81.04 -2.67 -2.74	91.06 -4.69 -0.01	94.89 -4.58 0.00	81.09 -2.77 0.00	118.21 -4.54 0.00	143.17 -6.75 0.00	127.11 -5.99 0.00	105.15 -4.83 -0.17	108.53 -5.47 0.00	84.32 -2.94 -0.90	83.70 -2.91 -0.90	89.48 -3.29 -1.31	87.07 -3.40 -1.01	94.18 -3.29 -0.84	93.02 -3.32 -1.39	113.75 -3.34 -1.78	94.82 -3.18 -1.70	87.11 -2.47 -1.38	89.58 -3.79 -0.92	80.97 -2.91 -0.75	79.69 -3.04 -0.69	84.01 -3.42 -2.00
S SALMON___HYD 24043	83.21 -1.15 -2.32	82.14 -1.31 -1.59	81.19 -1.38 -1.60	93.73 -2.02 0.00	97.57 -1.89 0.00	82.51 -1.34 0.00	120.54 -2.21 0.00	147.37 -2.55 0.00	130.43 -2.66 0.00	107.84 -1.97 0.00	111.83 -2.17 0.00	84.98 -1.39 0.00	84.34 -1.37 0.00	90.18 -1.28 0.00	88.30 -1.17 0.00	95.17 -1.45 0.00	93.63 -1.33 0.00	114.15 -1.15 0.00	95.24 -1.06 0.00	87.14 -1.05 0.00	90.96 -1.48 0.00	81.97 -1.16 0.00	80.71 -1.32 0.00	83.90 -1.54 0.00
S.PERRY___115KV_TB1 80734	88.28 0.57 -5.68	85.75 0.00 -3.89	84.55 -0.32 -3.90	94.22 -1.53 -0.01	98.27 -1.19 0.00	87.16 0.50 -2.80	125.14 0.74 -1.66	145.26 -5.55 -0.89	128.08 -5.59 -0.58	106.56 -4.39 -1.13	108.30 -5.70 0.00	84.81 -2.85 -1.29	84.18 -2.83 -1.29	90.36 -3.02 -1.92	87.97 -2.95 -1.46	95.66 -2.80 -1.84	95.77 -2.47 -3.28	117.47 -2.08 -4.24	98.91 -1.93 -4.54	91.58 -0.97 -4.35	95.53 0.00 -3.08	86.27 0.58 -2.56	84.89 0.16 -2.69	88.38 0.00 -2.95
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	81.10 -6.07 -5.14	78.91 -6.47 -3.52	77.61 -6.88 -3.53	86.37 -9.38 -0.01	90.21 -9.25 0.00	77.48 -6.37 0.00	112.44 -10.31 0.00	133.43 -16.49 0.00	118.32 -14.77 0.00	98.17 -11.86 -0.22	101.24 -12.77 0.00	79.50 -8.03 -1.17	79.17 -7.71 -1.17	84.31 -8.87 -1.72	82.18 -8.59 -1.31	88.83 -8.89 -1.09	87.46 -9.31 -1.80	107.36 -10.26 -2.32	88.97 -9.53 -2.21	82.15 -7.85 -1.80	83.75 -9.89 -1.20	76.29 -7.81 -0.97	75.63 -7.30 -0.90	81.24 -6.83 -2.64

SAWYER___23_KV_LOAD 55526	81.10 -6.07 -5.14	78.91 -6.47 -3.52	77.61 -6.88 -3.53	86.37 -9.38 -0.01	90.21 -9.25 0.00	77.48 -6.37 0.00	112.44 -10.31 0.00	133.43 -16.49 0.00	118.32 -14.77 0.00	98.17 -11.86 -0.22	101.24 -12.77 0.00	79.50 -8.03 -1.17	79.17 -7.71 -1.17	84.31 -8.87 -1.72	82.18 -8.59 -1.31	88.83 -8.89 -1.09	87.46 -9.31 -1.80	107.36 -10.26 -2.32	88.97 -9.53 -2.21	82.15 -7.85 -1.80	83.75 -9.89 -1.20	76.29 -7.81 -0.97	75.63 -7.30 -0.90	81.24 -6.83 -2.64
SELKIRK___I 23801	123.67 3.61 -38.04	111.50 3.60 -26.04	110.66 3.56 -26.13	100.01 4.21 -0.06	103.83 4.37 0.00	132.17 3.44 -44.88	153.64 4.29 -26.60	168.98 4.80 -14.26	146.58 4.26 -9.23	128.65 4.07 -14.77	118.33 4.33 0.00	92.47 3.63 -2.48	91.80 3.60 -2.48	110.03 3.84 -14.73	96.01 3.67 -2.87	112.85 3.87 -12.36	122.59 3.41 -24.21	150.79 3.92 -31.56	137.70 3.37 -38.03	132.88 3.27 -41.41	126.08 3.14 -30.49	112.00 3.24 -25.62	114.48 3.44 -29.00	120.88 3.67 -31.78
SELKIRK___II 23799	123.93 3.44 -38.46	111.54 3.36 -26.32	110.71 3.32 -26.42	99.73 3.93 -0.06	103.54 4.08 0.00	135.58 3.52 -48.20	155.61 4.29 -28.57	170.18 4.94 -15.32	147.54 4.53 -9.91	129.99 4.50 -15.67	118.79 4.79 0.00	91.99 3.97 -1.65	91.31 3.94 -1.66	110.66 4.21 -14.99	95.26 3.84 -1.95	113.00 4.06 -12.32	122.91 3.52 -24.44	151.11 3.92 -31.88	138.69 3.46 -38.93	134.37 3.27 -42.91	127.29 3.14 -31.70	113.04 3.24 -26.67	115.92 3.52 -30.37	122.69 3.85 -33.41
SENECA OSWGO___HYD 24041	82.63 -1.88 -2.48	81.60 -1.97 -1.70	80.65 -2.02 -1.71	92.97 -2.78 0.00	96.68 -2.78 0.00	82.01 -1.85 0.00	120.05 -2.70 0.00	146.47 -3.44 0.00	129.77 -3.32 0.00	107.40 -2.42 0.00	111.04 -2.96 0.00	84.46 -1.90 0.00	83.83 -1.89 0.00	89.53 -1.93 0.00	87.58 -1.88 0.00	94.69 -1.93 0.00	92.96 -2.00 0.00	113.11 -2.19 0.00	94.38 -1.93 0.00	86.52 -1.68 0.00	90.23 -2.22 0.00	81.31 -1.83 0.00	80.15 -1.88 0.00	83.30 -2.13 0.00
SENECA___115KV_TB3 355854	81.81 -5.58 -5.36	79.47 -6.06 -3.67	78.09 -6.56 -3.68	87.42 -8.33 -0.01	91.31 -8.16 0.00	81.21 -5.28 -2.64	115.47 -8.84 -1.56	135.61 -15.14 -0.84	120.06 -13.58 -0.54	100.12 -10.76 -1.07	102.38 -11.63 0.00	80.41 -7.17 -1.22	80.08 -6.86 -1.22	85.49 -7.77 -1.80	83.32 -7.51 -1.37	90.62 -7.73 -1.73	89.88 -8.17 -3.09	110.42 -8.88 -3.99	92.10 -8.47 -4.27	85.41 -6.88 -4.10	86.38 -8.97 -2.90	78.64 -6.90 -2.41	78.09 -6.48 -2.54	82.48 -5.72 -2.77
SENECA___ENERGY 23797	85.82 -0.66 -4.45	84.01 -0.90 -3.05	82.97 -1.05 -3.06	93.84 -1.91 -0.01	97.47 -1.99 0.00	83.69 -0.17 0.00	121.90 -0.85 0.00	148.12 -1.79 0.00	131.10 -1.99 0.00	108.91 -1.10 -0.19	111.83 -2.17 0.00	86.77 -0.60 -1.01	86.12 -0.60 -1.01	92.21 -0.73 -1.48	89.87 -0.72 -1.13	97.08 -0.48 -0.94	95.86 -0.66 -1.56	116.85 -0.46 -2.00	98.01 -0.19 -1.90	89.75 0.00 -1.55	92.46 -1.01 -1.03	83.56 -0.41 -0.84	82.06 -0.74 -0.77	86.94 -0.77 -2.28
SHOEMAKER___GT 23640	114.82 4.51 -28.28	105.63 4.42 -19.36	104.68 4.29 -19.42	100.86 5.07 -0.04	104.63 5.17 0.00	105.67 5.53 -16.28	139.64 7.24 -9.65	164.24 9.15 -5.18	144.70 8.25 -3.35	126.61 7.25 -9.55	121.19 7.19 0.00	115.70 5.88 -23.47	115.02 5.83 -23.48	116.37 6.13 -18.79	121.85 5.99 -26.39	128.94 6.66 -25.65	145.17 6.46 -43.75	179.36 7.61 -56.45	159.35 6.45 -56.60	144.16 6.00 -49.96	132.75 6.01 -34.29	117.08 5.73 -28.21	115.76 5.74 -27.99	107.06 5.89 -15.74
SHOEMAKR_138KV_BK 111 55601	114.55 4.43 -28.09	105.43 4.34 -19.23	104.47 4.21 -19.29	100.76 4.98 -0.04	104.63 5.17 0.00	105.62 5.62 -16.14	139.56 7.24 -9.57	164.04 8.99 -5.13	144.67 8.25 -3.32	126.52 7.25 -9.45	121.19 7.18 0.00	115.44 5.87 -23.20	114.76 5.83 -23.21	116.28 6.22 -18.60	121.64 6.08 -26.10	128.67 6.67 -25.38	144.61 6.36 -43.29	178.76 7.61 -55.85	158.75 6.45 -56.00	143.64 6.00 -49.44	132.40 6.01 -33.94	116.79 5.74 -27.92	115.39 5.66 -27.70	106.95 5.89 -15.62
SHOREHAM_IC_1 23715	139.42 10.09 -47.30	130.45 9.98 -38.61	128.80 9.79 -38.04	129.23 11.68 -21.81	129.48 12.13 -17.89	148.73 11.49 -53.39	160.32 17.18 -20.39	184.35 21.73 -12.70	157.91 17.18 -7.64	139.74 14.38 -15.54	132.48 13.67 -4.80	129.08 11.15 -31.58	128.22 10.89 -31.62	128.82 11.71 -25.65	136.58 11.45 -35.66	145.37 13.71 -35.04	166.95 14.53 -57.46	201.28 17.75 -68.23	184.14 14.93 -72.91	169.45 13.85 -67.41	160.43 13.86 -54.12	149.68 12.30 -54.25	136.89 12.14 -42.73	126.92 12.64 -28.85
SHOREHAM_IC_2 23716	139.42 10.09 -47.30	130.45 9.98 -38.61	128.80 9.79 -38.04	129.23 11.68 -21.81	129.48 12.13 -17.89	148.73 11.49 -53.39	160.32 17.18 -20.39	184.35 21.73 -12.70	157.91 17.18 -7.64	139.74 14.38 -15.54	132.48 13.67 -4.80	129.08 11.15 -31.58	128.22 10.89 -31.62	128.82 11.71 -25.65	136.58 11.45 -35.66	145.37 13.71 -35.04	166.95 14.53 -57.46	201.28 17.75 -68.23	184.14 14.93 -72.91	169.45 13.85 -67.41	160.43 13.86 -54.12	149.68 12.30 -54.25	136.89 12.14 -42.73	126.92 12.64 -28.85
SISSONVILLE____ 23735	80.39 -1.64 0.00	80.39 -1.47 0.00	79.83 -1.13 0.00	94.40 -1.34 0.00	97.57 -1.89 0.00	81.34 -2.52 0.00	118.08 -4.66 0.00	145.12 -4.80 0.00	128.44 -4.66 0.00	104.98 -4.83 0.00	110.58 -3.42 0.00	83.17 -3.20 0.00	82.54 -3.17 0.00	88.08 -3.38 0.00	86.33 -3.13 0.00	92.18 -4.44 0.00	91.35 -3.61 0.00	111.15 -4.15 0.00	92.93 -3.37 0.00	84.49 -3.70 0.00	89.49 -2.96 0.00	80.89 -2.24 0.00	80.23 -1.80 0.00	83.89 -1.54 0.00
SITHE_IND_GS1 24169	80.89 -2.95 -1.81	80.07 -3.03 -1.24	79.14 -3.08 -1.25	91.82 -3.93 0.00	95.48 -3.98 0.00	80.84 -3.02 0.00	118.21 -4.54 0.00	144.22 -5.70 0.00	127.90 -5.19 0.00	105.76 -4.06 0.00	109.56 -4.45 0.00	83.26 -3.11 0.00	82.63 -3.08 0.00	88.17 -3.29 0.00	86.25 -3.22 0.00	93.24 -3.38 0.00	91.54 -3.41 0.00	111.27 -4.04 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	88.93 -3.51 0.00	80.15 -2.99 0.00	79.00 -3.03 0.00	82.19 -3.25 0.00
SITHE_IND_GS2 24170	80.89 -2.95 -1.81	80.07 -3.03 -1.24	79.14 -3.08 -1.25	91.82 -3.93 0.00	95.48 -3.98 0.00	80.84 -3.02 0.00	118.21 -4.54 0.00	144.22 -5.70 0.00	127.90 -5.19 0.00	105.76 -4.06 0.00	109.56 -4.45 0.00	83.26 -3.11 0.00	82.63 -3.08 0.00	88.17 -3.29 0.00	86.25 -3.22 0.00	93.24 -3.38 0.00	91.54 -3.41 0.00	111.27 -4.04 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	88.93 -3.51 0.00	80.15 -2.99 0.00	79.00 -3.03 0.00	82.19 -3.25 0.00
SITHE_IND_GS3 24171	80.89 -2.95 -1.81	80.07 -3.03 -1.24	79.14 -3.08 -1.25	91.82 -3.93 0.00	95.48 -3.98 0.00	80.84 -3.02 0.00	118.21 -4.54 0.00	144.22 -5.70 0.00	127.90 -5.19 0.00	105.76 -4.06 0.00	109.56 -4.45 0.00	83.26 -3.11 0.00	82.63 -3.08 0.00	88.17 -3.29 0.00	86.25 -3.22 0.00	93.24 -3.38 0.00	91.54 -3.41 0.00	111.27 -4.04 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	88.93 -3.51 0.00	80.15 -2.99 0.00	79.00 -3.03 0.00	82.19 -3.25 0.00
SITHE_IND_GS4 24172	80.89 -2.95 -1.81	80.07 -3.03 -1.24	79.14 -3.08 -1.25	91.82 -3.93 0.00	95.48 -3.98 0.00	80.84 -3.02 0.00	118.21 -4.54 0.00	144.22 -5.70 0.00	127.90 -5.19 0.00	105.76 -4.06 0.00	109.56 -4.45 0.00	83.26 -3.11 0.00	82.63 -3.08 0.00	88.17 -3.29 0.00	86.25 -3.22 0.00	93.24 -3.38 0.00	91.54 -3.41 0.00	111.27 -4.04 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	88.93 -3.51 0.00	80.15 -2.99 0.00	79.00 -3.03 0.00	82.19 -3.25 0.00

SITHE___BATAVIA 24024	83.09 -3.52 -4.58	80.91 -4.09 -3.14	79.66 -4.45 -3.15	88.85 -6.89 -0.01	92.70 -6.77 0.00	79.66 -4.19 0.00	116.00 -6.75 0.00	139.28 -10.64 0.00	123.51 -9.58 0.00	102.32 -7.69 -0.19	105.11 -8.89 0.00	82.04 -5.35 -1.04	81.61 -5.14 -1.04	87.13 -5.86 -1.52	84.72 -5.91 -1.16	91.89 -5.70 -0.97	90.67 -5.89 -1.60	111.49 -5.88 -2.06	92.48 -5.78 -1.96	85.20 -4.59 -1.60	86.95 -6.56 -1.06	79.18 -4.82 -0.86	78.07 -4.76 -0.80	82.90 -4.87 -2.33
SITHE___INDEPEND 23800	80.89 -2.95 -1.81	80.07 -3.03 -1.24	79.14 -3.08 -1.25	91.82 -3.93 0.00	95.48 -3.98 0.00	80.84 -3.02 0.00	118.21 -4.54 0.00	144.22 -5.70 0.00	127.90 -5.19 0.00	105.64 -4.17 0.00	109.56 -4.45 0.00	83.25 -3.11 0.00	82.63 -3.09 0.00	88.17 -3.29 0.00	86.24 -3.22 0.00	93.24 -3.38 0.00	91.54 -3.42 0.00	111.27 -4.04 0.00	92.93 -3.37 0.00	85.20 -3.00 0.00	88.93 -3.51 0.00	80.14 -2.99 0.00	78.99 -3.04 0.00	82.18 -3.25 0.00
SITHE___MASSENA 23902	80.56 -1.47 0.00	80.55 -1.31 0.00	80.00 -0.97 0.00	94.78 -0.96 0.00	98.07 -1.39 0.00	82.09 -1.76 0.00	120.54 -2.21 0.00	147.82 -2.10 0.00	130.96 -2.13 0.00	107.08 -2.74 0.00	112.18 -1.83 0.00	84.46 -1.90 0.00	83.83 -1.89 0.00	89.26 -2.20 0.00	87.41 -2.05 0.00	93.92 -2.70 0.00	92.87 -2.09 0.00	112.88 -2.43 0.00	94.38 -1.93 0.00	85.99 -2.20 0.00	90.96 -1.48 0.00	81.64 -1.49 0.00	80.71 -1.32 0.00	84.15 -1.28 0.00
SITHE___OGDNSBRG 24021	81.70 -0.33 0.00	81.62 -0.25 0.00	81.13 0.16 0.00	95.93 0.19 0.00	99.26 -0.20 0.00	83.18 -0.67 0.00	121.77 -0.98 0.00	149.47 -0.45 0.00	132.16 -0.93 0.00	107.84 -1.98 0.00	113.09 -0.91 0.00	84.98 -1.38 0.00	84.26 -1.46 0.00	89.91 -1.55 0.00	88.21 -1.25 0.00	94.59 -2.03 0.00	93.91 -1.04 0.00	114.27 -1.04 0.00	95.43 -0.87 0.00	86.87 -1.32 0.00	91.99 -0.46 0.00	82.64 -0.50 0.00	81.70 -0.33 0.00	85.18 -0.26 0.00
SITHE___STERLING 23777	87.14 3.20 -1.92	86.20 3.03 -1.31	85.12 2.83 -1.32	98.81 3.06 0.00	102.94 3.48 0.00	87.38 3.52 0.00	128.02 5.27 0.00	156.21 6.30 0.00	138.15 5.06 0.00	113.99 4.17 0.00	117.99 3.99 0.00	89.64 3.28 0.00	88.89 3.17 0.00	95.12 3.66 0.00	93.13 3.67 0.00	100.87 4.25 0.00	99.13 4.17 0.00	120.61 5.31 0.00	100.53 4.23 0.00	91.99 3.79 0.00	95.96 3.51 0.00	86.37 3.24 0.00	84.90 2.87 0.00	88.34 2.91 0.00
SLEIGHT__34_KV_TB1 80719	84.45 -1.56 -3.97	82.70 -1.88 -2.72	81.59 -2.11 -2.73	92.21 -3.54 -0.01	96.08 -3.38 0.00	82.01 -1.84 0.00	119.93 -2.82 0.00	146.02 -3.90 0.00	129.37 -3.73 0.00	107.02 -2.97 -0.17	110.47 -3.53 0.00	85.35 -1.90 -0.89	84.81 -1.80 -0.89	90.75 -2.01 -1.30	88.41 -2.06 -1.00	95.53 -1.93 -0.84	94.25 -2.09 -1.38	115.24 -1.84 -1.78	96.16 -1.83 -1.69	88.16 -1.41 -1.38	90.77 -2.59 -0.92	81.97 -1.91 -0.74	80.58 -2.13 -0.69	85.03 -2.39 -1.99
SOUTH CAIRO___GT 23612	124.78 6.07 -36.68	112.86 5.89 -25.10	111.91 5.75 -25.19	103.84 8.04 -0.06	107.72 8.26 0.00	135.87 6.79 -45.23	158.63 9.08 -26.80	174.78 10.49 -14.37	151.05 8.65 -9.30	132.51 6.92 -15.78	121.53 7.52 0.00	100.00 6.30 -7.34	99.31 6.26 -7.34	115.24 6.68 -17.11	104.41 6.62 -8.33	121.05 7.44 -16.99	134.45 7.60 -31.89	166.09 9.34 -41.44	151.50 7.70 -47.49	144.38 6.97 -49.21	135.17 7.03 -35.69	119.65 6.65 -29.87	121.88 6.89 -32.96	122.97 6.07 -31.47
SOUTH HAMPTN___IC 23720	139.74 10.42 -47.29	130.78 10.31 -38.61	129.21 10.20 -38.04	129.72 12.16 -21.82	129.99 12.63 -17.90	149.35 12.08 -53.42	161.24 18.16 -20.33	185.47 22.94 -12.62	159.32 18.63 -7.59	140.89 15.59 -15.48	133.56 14.81 -4.74	129.89 12.00 -31.53	129.02 11.74 -31.57	129.77 12.71 -25.60	137.41 12.35 -35.60	146.19 14.59 -34.98	167.63 15.29 -57.38	202.31 18.80 -68.20	184.76 15.60 -72.86	170.10 14.55 -67.35	161.06 14.51 -54.09	150.11 12.80 -54.18	137.36 12.63 -42.70	127.52 13.24 -28.85
SOUTHDOW_115KV_TB1 355954	83.86 -3.94 -5.76	81.47 -4.34 -3.94	79.91 -5.02 -3.96	89.91 -5.84 -0.01	93.99 -5.47 0.00	84.02 -2.68 -2.85	119.89 -4.54 -1.69	140.63 -10.19 -0.90	124.63 -9.05 -0.59	103.94 -7.03 -1.15	106.48 -7.52 0.00	83.79 -3.89 -1.31	83.34 -3.69 -1.31	89.02 -4.39 -1.95	86.92 -4.03 -1.48	94.34 -4.15 -1.87	93.73 -4.56 -3.33	115.23 -4.38 -4.31	96.19 -4.72 -4.61	89.00 -3.62 -4.42	89.94 -5.64 -3.13	81.74 -3.99 -2.60	80.91 -3.86 -2.74	85.78 -2.65 -3.00
SOUTHOLD_69_KV_BK 2 55809	139.90 10.58 -47.29	131.03 10.56 -38.61	129.70 10.69 -38.04	130.20 12.64 -21.82	130.59 13.23 -17.90	150.10 12.83 -53.42	162.60 19.52 -20.33	186.97 24.44 -12.62	160.78 20.10 -7.59	142.10 16.80 -15.48	134.36 15.62 -4.74	130.59 12.70 -31.53	129.80 12.51 -31.57	130.78 13.72 -25.60	138.49 13.42 -35.60	147.35 15.75 -34.98	168.39 16.05 -57.38	203.80 20.29 -68.20	185.82 16.66 -72.86	171.07 15.52 -67.35	161.98 15.44 -54.09	150.79 13.47 -54.18	137.94 13.21 -42.70	128.38 14.10 -28.85
SOUTHOLD___IC 23719	139.90 10.59 -47.29	131.03 10.56 -38.61	129.53 10.52 -38.04	130.20 12.64 -21.82	130.59 13.23 -17.90	149.85 12.57 -53.42	162.47 19.39 -20.33	186.98 24.45 -12.62	160.79 20.10 -7.59	142.21 16.90 -15.48	134.36 15.62 -4.74	130.59 12.70 -31.53	129.71 12.42 -31.57	130.78 13.71 -25.60	138.40 13.33 -35.60	147.26 15.65 -34.98	168.68 16.34 -57.38	203.81 20.30 -68.20	185.82 16.66 -72.86	171.08 15.53 -67.35	161.89 15.35 -54.09	150.79 13.47 -54.18	137.94 13.21 -42.70	128.37 14.09 -28.85
SOUTH_FORK_WT_PWR 323839	139.16 9.84 -47.29	130.29 9.82 -38.61	128.89 9.87 -38.04	129.53 11.97 -21.82	129.89 12.53 -17.90	149.35 12.08 -53.42	161.73 18.65 -20.33	186.21 23.68 -12.62	160.26 19.57 -7.59	141.77 16.47 -15.48	134.13 15.38 -4.74	130.59 12.70 -31.53	129.63 12.35 -31.57	130.42 13.35 -25.60	137.95 12.89 -35.60	146.77 15.17 -34.98	168.29 15.95 -57.38	203.22 19.71 -68.20	185.33 16.17 -72.86	170.63 15.08 -67.35	161.43 14.89 -54.09	150.20 12.89 -54.18	137.45 12.71 -42.70	128.04 13.76 -28.85
SPIERFLS_115KV_TB 1 80737	127.66 5.58 -40.06	114.76 5.48 -27.42	114.07 5.59 -27.52	102.12 6.32 -0.06	106.13 6.66 0.00	209.18 5.95 -119.37	202.33 8.84 -70.74	198.65 10.79 -37.94	167.36 9.72 -24.55	156.55 8.13 -38.61	122.10 8.09 0.00	95.68 6.30 -3.01	94.81 6.09 -3.02	127.69 6.68 -29.55	99.96 6.89 -3.61	133.66 7.54 -29.50	161.29 7.50 -58.83	201.31 9.22 -76.78	198.09 7.42 -94.38	199.81 6.97 -104.65	176.82 6.93 -77.44	154.55 6.24 -65.18	162.28 5.82 -74.42	157.31 5.72 -66.16
ST LAWRENCE____ 23600	80.06 -1.97 0.00	80.06 -1.80 0.00	79.43 -1.54 0.00	94.21 -1.54 0.00	97.67 -1.79 0.00	81.84 -2.01 0.00	120.30 -2.45 0.00	147.37 -2.55 0.00	130.70 -2.39 0.00	107.08 -2.74 0.00	111.83 -2.17 0.00	84.12 -2.25 0.00	83.48 -2.23 0.00	88.99 -2.47 0.00	87.14 -2.33 0.00	93.92 -2.70 0.00	92.68 -2.28 0.00	112.66 -2.65 0.00	94.09 -2.21 0.00	85.82 -2.38 0.00	90.69 -1.76 0.00	81.23 -1.91 0.00	80.15 -1.88 0.00	83.55 -1.88 0.00
STATE_CA_115KV_115_LB 55624	125.04 3.94 -39.08	112.54 3.93 -26.75	111.70 3.89 -26.84	100.30 4.50 -0.06	104.14 4.67 0.00	168.96 4.36 -80.75	176.13 5.52 -47.85	181.88 6.30 -25.66	155.69 5.99 -16.61	142.14 5.82 -26.50	120.27 6.27 0.00	95.58 5.10 -4.12	94.89 5.06 -4.12	119.41 5.40 -22.55	99.16 4.92 -4.78	123.55 5.02 -21.90	142.26 4.27 -43.02	176.24 4.84 -56.09	168.22 4.14 -67.77	166.15 3.97 -73.98	150.83 3.88 -54.50	132.85 3.91 -45.81	138.30 4.35 -51.92	138.49 4.78 -48.27

STATE_ST_34_KV_LOAD 55959	87.10 0.66 -4.42	85.29 0.41 -3.02	84.25 0.24 -3.04	95.65 -0.10 -0.01	99.56 0.10 0.00	84.94 1.09 0.00	124.22 1.47 0.00	151.27 1.35 0.00	134.03 0.93 0.00	110.99 0.99 -0.19	114.46 0.46 0.00	88.31 0.95 -1.00	87.66 0.94 -1.00	93.94 1.01 -1.48	91.57 0.98 -1.12	98.91 1.35 -0.94	97.74 1.23 -1.55	119.14 1.84 -1.99	99.73 1.54 -1.89	91.33 1.59 -1.54	94.40 0.92 -1.02	85.05 1.08 -0.83	83.54 0.74 -0.77	88.39 0.68 -2.27
STATION 5_MISC_HYD 23604	83.57 -2.46 -3.99	81.73 -2.87 -2.73	80.64 -3.08 -2.74	90.58 -5.17 -0.01	94.39 -5.07 0.00	80.67 -3.19 0.00	117.60 -5.15 0.00	142.42 -7.49 0.00	126.44 -6.65 0.00	104.82 -5.16 -0.17	107.96 -6.05 0.00	83.80 -3.46 -0.90	83.18 -3.43 -0.90	88.93 -3.84 -1.31	86.63 -3.84 -1.01	93.59 -3.87 -0.84	92.36 -3.98 -1.39	113.05 -4.04 -1.78	94.04 -3.95 -1.70	86.49 -3.09 -1.38	88.93 -4.44 -0.92	80.47 -3.41 -0.75	79.20 -3.52 -0.69	83.59 -3.84 -2.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	85.21 -0.90 -4.08	83.43 -1.23 -2.79	82.32 -1.46 -2.80	92.97 -2.78 -0.01	96.88 -2.59 0.00	82.85 -1.01 0.00	120.91 -1.84 0.00	146.92 -3.00 0.00	130.17 -2.93 0.00	107.79 -2.20 -0.17	111.04 -2.96 0.00	86.07 -1.21 -0.92	85.43 -1.20 -0.92	91.43 -1.37 -1.34	89.06 -1.43 -1.03	96.23 -1.26 -0.86	95.05 -1.33 -1.42	116.21 -0.92 -1.83	96.98 -1.06 -1.74	88.99 -0.62 -1.42	91.54 -1.85 -0.94	82.74 -1.16 -0.77	81.34 -1.39 -0.71	85.77 -1.71 -2.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	83.21 -2.79 -3.97	81.47 -3.11 -2.72	80.37 -3.32 -2.73	90.39 -5.36 -0.01	94.19 -5.27 0.00	80.42 -3.44 0.00	117.35 -5.40 0.00	142.42 -7.50 0.00	126.31 -6.79 0.00	104.49 -5.49 -0.17	107.85 -6.16 0.00	83.63 -3.63 -0.89	83.00 -3.60 -0.89	88.73 -4.02 -1.30	86.44 -4.03 -1.00	93.40 -4.06 -0.84	92.25 -4.08 -1.38	112.81 -4.27 -1.77	93.94 -4.04 -1.69	86.31 -3.26 -1.37	88.74 -4.62 -0.91	80.22 -3.66 -0.74	79.02 -3.69 -0.69	83.31 -4.10 -1.98
STA_56___34_KV_BUS2 355983	83.21 -2.79 -3.97	81.47 -3.11 -2.72	80.37 -3.32 -2.73	90.39 -5.36 -0.01	94.19 -5.27 0.00	80.42 -3.44 0.00	117.35 -5.40 0.00	142.42 -7.50 0.00	126.31 -6.79 0.00	104.49 -5.49 -0.17	107.85 -6.16 0.00	83.63 -3.63 -0.89	83.00 -3.60 -0.89	88.73 -4.02 -1.30	86.44 -4.03 -1.00	93.40 -4.06 -0.84	92.25 -4.08 -1.38	112.81 -4.27 -1.77	93.94 -4.04 -1.69	86.31 -3.26 -1.37	88.74 -4.62 -0.91	80.22 -3.66 -0.74	79.02 -3.69 -0.69	83.31 -4.10 -1.98
STA_67___115KV_BK2 355882	83.39 -2.62 -3.99	81.56 -3.03 -2.73	80.47 -3.24 -2.74	90.39 -5.36 -0.01	94.19 -5.27 0.00	80.42 -3.44 0.00	117.35 -5.40 0.00	142.12 -7.80 0.00	126.04 -7.05 0.00	104.38 -5.60 -0.17	107.62 -6.38 0.00	83.54 -3.71 -0.90	83.01 -3.60 -0.90	88.65 -4.12 -1.31	86.35 -4.12 -1.01	93.31 -4.15 -0.84	92.17 -4.18 -1.39	112.71 -4.38 -1.78	93.76 -4.24 -1.69	86.23 -3.35 -1.38	88.65 -4.71 -0.92	80.23 -3.66 -0.75	79.03 -3.69 -0.69	83.41 -4.02 -1.99
STA_7___115KV_9TRANS 80674	83.97 -2.05 -3.99	82.14 -2.46 -2.73	81.04 -2.67 -2.74	91.06 -4.69 -0.01	94.89 -4.58 0.00	81.09 -2.77 0.00	118.21 -4.54 0.00	143.17 -6.75 0.00	127.11 -5.99 0.00	105.15 -4.83 -0.17	108.53 -5.47 0.00	84.32 -2.94 -0.90	83.70 -2.91 -0.90	89.48 -3.29 -1.31	87.07 -3.40 -1.01	94.18 -3.29 -0.84	93.02 -3.32 -1.39	113.75 -3.34 -1.78	94.82 -3.18 -1.70	87.11 -2.47 -1.38	89.58 -3.79 -0.92	80.97 -2.91 -0.75	79.69 -3.04 -0.69	84.01 -3.42 -2.00
STA_82___115KV_TB1 80780	83.42 -2.62 -4.02	81.66 -2.95 -2.75	80.57 -3.16 -2.76	90.48 -5.27 -0.01	94.29 -5.17 0.00	80.50 -3.35 0.00	117.47 -5.28 0.00	142.27 -7.65 0.00	126.17 -6.92 0.00	104.38 -5.60 -0.17	107.73 -6.27 0.00	83.55 -3.71 -0.90	83.02 -3.60 -0.90	88.75 -4.02 -1.32	86.36 -4.12 -1.01	93.31 -4.15 -0.85	92.18 -4.18 -1.40	112.83 -4.27 -1.79	93.87 -4.14 -1.71	86.32 -3.26 -1.39	88.75 -4.62 -0.92	80.31 -3.57 -0.75	79.11 -3.61 -0.69	83.51 -3.93 -2.01
STEEL___WIND 323596	81.64 -5.74 -5.36	79.39 -6.14 -3.67	78.01 -6.64 -3.68	87.23 -8.52 -0.01	91.11 -8.35 0.00	81.04 -5.45 -2.64	115.36 -8.96 -1.56	135.32 -15.44 -0.84	119.93 -13.71 -0.54	100.01 -10.87 -1.07	102.14 -11.86 0.00	80.33 -7.25 -1.22	79.91 -7.03 -1.22	85.30 -7.96 -1.80	83.14 -7.69 -1.37	90.43 -7.92 -1.73	89.69 -8.36 -3.09	110.19 -9.11 -3.99	92.00 -8.57 -4.27	85.32 -6.97 -4.10	86.29 -9.06 -2.90	78.48 -7.07 -2.41	77.93 -6.64 -2.54	82.39 -5.81 -2.77
STEPHTWN_115KV_BK_2 55603	125.35 4.68 -38.64	112.90 4.58 -26.45	112.05 4.53 -26.55	101.16 5.36 -0.06	105.03 5.57 0.00	153.19 5.12 -64.23	167.44 6.63 -38.06	178.12 7.80 -20.41	153.49 7.19 -13.21	137.87 6.81 -21.24	121.30 7.30 0.00	96.39 5.87 -4.15	95.61 5.74 -4.16	116.93 6.13 -19.34	99.98 5.73 -4.79	120.86 5.99 -18.25	135.77 5.22 -35.58	167.78 6.11 -46.37	156.97 5.10 -55.56	153.23 4.85 -60.19	141.49 4.81 -44.24	125.03 4.74 -37.16	129.08 5.09 -41.96	131.55 5.47 -40.65
STEUBEN_REC_LFGE 323667	88.00 -1.23 -7.20	85.24 -1.56 -4.93	84.05 -1.86 -4.95	93.17 -2.59 -0.01	97.17 -2.29 0.00	87.53 0.08 -3.60	124.27 -0.61 -2.13	147.31 -3.75 -1.14	129.84 -3.99 -0.74	108.30 -2.97 -1.45	110.13 -3.88 0.00	86.55 -1.47 -1.65	86.00 -1.37 -1.66	92.47 -1.46 -2.47	90.08 -1.25 -1.87	98.20 -0.77 -2.36	98.30 -0.85 -4.20	120.51 -0.23 -5.43	101.63 -0.48 -5.81	93.69 -0.09 -5.58	94.91 -1.48 -3.95	85.91 -0.50 -3.28	84.75 -0.74 -3.46	88.99 -0.26 -3.82
STILLWATER___SOLAR 323814	127.20 5.33 -39.84	114.38 5.24 -27.27	113.60 5.26 -27.37	101.84 6.04 -0.06	105.73 6.27 0.00	204.35 5.70 -114.79	199.00 8.23 -68.03	196.14 9.74 -36.48	165.49 8.78 -23.61	154.55 7.47 -37.26	121.41 7.41 0.00	95.87 5.88 -3.63	95.09 5.74 -3.63	126.64 6.22 -28.96	100.11 6.35 -4.30	132.63 6.96 -29.05	159.51 6.84 -57.71	198.79 8.19 -75.30	195.18 6.74 -92.14	196.39 6.43 -101.75	174.03 6.37 -75.21	152.32 5.90 -63.28	159.80 5.66 -72.12	155.17 5.72 -64.02
STONY___BROOK 24151	139.11 9.76 -47.32	130.11 9.65 -38.60	128.39 9.39 -38.04	128.72 11.20 -21.78	128.96 11.63 -17.87	148.25 11.07 -53.32	159.45 16.20 -20.50	183.16 20.39 -12.86	158.39 17.57 -7.73	140.28 14.82 -15.65	133.28 14.36 -4.91	129.78 11.74 -31.67	128.91 11.49 -31.71	129.55 12.34 -25.75	137.30 12.07 -35.77	145.47 13.71 -35.14	166.24 13.68 -57.61	199.85 16.26 -68.29	182.99 13.67 -73.02	168.68 12.97 -67.51	159.66 13.04 -54.17	149.30 11.80 -54.36	136.53 11.73 -42.77	126.41 12.13 -28.85
STURGEON_POOL_HYD 23609	121.02 7.46 -31.53	110.73 7.29 -21.58	109.67 7.04 -21.66	104.22 8.43 -0.05	108.12 8.65 0.00	117.38 9.31 -24.21	149.74 12.64 -14.35	173.50 15.89 -7.70	152.05 13.97 -4.98	133.13 11.64 -11.67	125.40 11.40 0.00	116.63 8.98 -21.29	116.01 9.00 -21.30	120.48 9.42 -19.60	122.82 9.39 -23.96	132.44 10.44 -25.38	149.48 10.54 -43.98	184.91 12.80 -56.81	165.34 10.69 -58.36	151.21 9.79 -53.23	139.32 9.89 -36.98	122.90 9.23 -30.54	122.22 9.11 -31.08	114.97 9.23 -20.31
ST_LAW_115_BK7_LBMP 345037	79.98 -2.05 0.00	79.98 -1.88 0.00	79.35 -1.62 0.00	94.11 -1.63 0.00	97.57 -1.89 0.00	81.67 -2.18 0.00	120.05 -2.70 0.00	147.22 -2.69 0.00	130.56 -2.53 0.00	106.86 -2.96 0.00	111.60 -2.40 0.00	83.95 -2.42 0.00	83.31 -2.40 0.00	88.80 -2.66 0.00	86.96 -2.50 0.00	93.63 -3.00 0.00	92.49 -2.47 0.00	112.43 -2.88 0.00	93.90 -2.40 0.00	85.64 -2.56 0.00	90.60 -1.85 0.00	81.06 -2.08 0.00	79.98 -2.05 0.00	83.47 -1.96 0.00

ST_LAW_115_BK8_LBMP 345038	79.98 -2.05 0.00	79.98 -1.88 0.00	79.35 -1.62 0.00	94.11 -1.63 0.00	97.57 -1.89 0.00	81.67 -2.18 0.00	120.05 -2.70 0.00	147.22 -2.69 0.00	130.56 -2.53 0.00	106.86 -2.96 0.00	111.60 -2.40 0.00	83.95 -2.42 0.00	83.31 -2.40 0.00	88.80 -2.66 0.00	86.96 -2.50 0.00	93.63 -3.00 0.00	92.49 -2.47 0.00	112.43 -2.88 0.00	93.90 -2.40 0.00	85.64 -2.56 0.00	90.60 -1.85 0.00	81.06 -2.08 0.00	79.98 -2.05 0.00	83.47 -1.96 0.00
ST_LAW_230_BK5_LBMP 345035	80.06 -1.97 0.00	80.06 -1.80 0.00	79.43 -1.54 0.00	94.21 -1.54 0.00	97.67 -1.79 0.00	81.84 -2.01 0.00	120.30 -2.45 0.00	147.37 -2.55 0.00	130.70 -2.39 0.00	107.08 -2.74 0.00	111.83 -2.17 0.00	84.12 -2.25 0.00	83.48 -2.23 0.00	88.99 -2.47 0.00	87.14 -2.33 0.00	93.92 -2.70 0.00	92.68 -2.28 0.00	112.66 -2.65 0.00	94.09 -2.21 0.00	85.82 -2.38 0.00	90.69 -1.76 0.00	81.23 -1.91 0.00	80.15 -1.88 0.00	83.55 -1.88 0.00
ST_LAW_230_BK6_LBMP 345036	80.06 -1.97 0.00	80.06 -1.80 0.00	79.43 -1.54 0.00	94.21 -1.54 0.00	97.67 -1.79 0.00	81.84 -2.01 0.00	120.30 -2.45 0.00	147.37 -2.55 0.00	130.70 -2.39 0.00	107.08 -2.74 0.00	111.83 -2.17 0.00	84.12 -2.25 0.00	83.48 -2.23 0.00	88.99 -2.47 0.00	87.14 -2.33 0.00	93.92 -2.70 0.00	92.68 -2.28 0.00	112.66 -2.65 0.00	94.09 -2.21 0.00	85.82 -2.38 0.00	90.69 -1.76 0.00	81.23 -1.91 0.00	80.15 -1.88 0.00	83.55 -1.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	115.78 4.84 -28.91	106.40 4.75 -19.79	105.44 4.62 -19.86	101.24 5.46 -0.05	105.03 5.57 0.00	106.64 6.04 -16.74	140.53 7.86 -9.92	165.13 9.89 -5.32	145.72 9.18 -3.44	127.80 8.13 -9.85	122.10 8.09 0.00	117.26 6.56 -24.34	116.58 6.51 -24.35	117.81 6.95 -19.40	123.54 6.71 -27.37	130.54 7.34 -26.58	147.30 7.03 -45.32	182.18 8.42 -58.46	161.92 7.03 -58.59	146.51 6.61 -51.70	134.58 6.66 -35.48	118.55 6.24 -29.18	117.21 6.23 -28.94	108.05 6.49 -16.13
SWANROAD_115KV_TB1 355699	79.10 -7.87 -4.95	76.98 -8.27 -3.39	75.79 -8.58 -3.40	84.07 -11.68 -0.01	87.73 -11.74 0.00	75.38 -8.47 0.00	109.25 -13.50 0.00	129.68 -20.24 0.00	114.99 -18.10 0.00	95.42 -14.61 -0.21	98.39 -15.62 0.00	77.12 -10.36 -1.12	76.81 -10.03 -1.12	81.77 -11.34 -1.65	79.63 -11.09 -1.26	86.37 -11.30 -1.05	84.83 -11.87 -1.74	104.16 -13.38 -2.23	86.19 -12.23 -2.12	79.70 -10.23 -1.73	81.21 -12.39 -1.15	74.26 -9.81 -0.94	73.62 -9.27 -0.86	78.83 -9.14 -2.54
SYNERGY___BIOGAS 323694	83.09 -4.58 -3.14	80.91 -4.09 -3.15	79.66 -4.45 -3.15	88.85 -6.89 -0.01	92.70 -6.77 0.00	79.66 -4.19 0.00	116.00 -6.75 0.00	139.28 -10.64 0.00	123.51 -9.58 0.00	102.32 -7.69 -0.19	105.11 -8.89 0.00	82.04 -5.35 -1.04	81.61 -5.14 -1.04	87.13 -5.86 -1.52	84.72 -5.91 -1.16	91.89 -5.70 -0.97	90.67 -5.89 -1.60	111.49 -5.88 -2.06	92.48 -5.78 -1.96	85.20 -4.59 -1.60	86.95 -6.56 -1.06	79.18 -4.82 -0.86	78.07 -4.76 -0.80	82.90 -4.87 -2.33
SYRACUSE___ENERGY_ST1 323597	85.53 -0.08 -3.58	84.15 -0.16 -2.45	83.10 -0.32 -2.46	95.08 -0.67 -0.01	98.87 -0.60 0.00	84.02 0.17 0.00	122.87 0.12 0.00	149.92 0.00 0.00	132.83 -0.27 0.00	109.96 0.00 -0.15	113.66 -0.34 0.00	87.33 0.17 -0.80	86.68 0.17 -0.80	92.15 0.27 -0.41	90.63 0.27 -0.90	97.76 0.39 -0.75	96.48 0.28 -1.24	117.47 0.58 -1.59	98.20 0.39 -1.51	89.96 0.53 -1.23	93.17 -0.09 -0.82	83.97 0.17 -0.67	82.65 0.00 -0.62	85.35 -0.09 0.00
SYRACUSE___ENERGY_ST2 323598	85.53 -0.08 -3.58	84.15 -0.16 -2.45	83.10 -0.32 -2.46	95.08 -0.67 -0.01	98.87 -0.60 0.00	84.02 0.17 0.00	122.87 0.12 0.00	149.92 0.00 0.00	132.83 -0.27 0.00	109.96 0.00 -0.15	113.66 -0.34 0.00	87.33 0.17 -0.80	86.68 0.17 -0.80	92.15 0.27 -0.41	90.63 0.27 -0.90	97.76 0.39 -0.75	96.48 0.28 -1.24	117.47 0.58 -1.59	98.20 0.39 -1.51	89.96 0.53 -1.23	93.17 -0.09 -0.82	83.97 0.17 -0.67	82.65 0.00 -0.62	85.35 -0.09 0.00
SYRACUSE___POWER 24017	85.34 -0.33 -3.64	83.94 -0.41 -2.49	82.90 -0.57 -2.50	94.79 -0.96 -0.01	98.57 -0.90 0.00	83.77 -0.08 0.00	122.63 -0.12 0.00	149.47 -0.45 0.00	132.43 -0.67 0.00	109.64 -0.33 -0.15	113.32 -0.68 0.00	87.09 -0.09 -0.81	86.53 0.00 -0.81	91.88 0.00 -0.42	90.38 0.00 -0.91	97.48 0.10 -0.76	96.22 0.00 -1.26	117.15 0.23 -1.62	97.94 0.10 -1.54	89.72 0.26 -1.25	92.91 -0.37 -0.83	83.73 -0.08 -0.68	82.41 -0.25 -0.63	85.09 -0.34 0.00
TALLMAN___138KV_BK151 55660	116.72 5.00 -29.68	107.17 4.99 -20.32	106.14 4.78 -20.39	101.53 5.74 -0.05	105.33 5.87 0.00	107.49 6.37 -17.26	141.08 8.10 -10.23	165.90 10.49 -5.49	146.49 9.85 -3.55	128.83 8.79 -10.23	122.67 8.66 0.00	118.91 7.08 -25.47	118.22 7.03 -25.48	119.14 7.50 -20.18	125.35 7.25 -28.64	132.20 7.83 -27.75	149.76 7.50 -47.30	185.20 8.88 -61.02	164.93 7.51 -61.12	149.13 7.06 -53.88	136.44 7.03 -36.96	120.18 6.65 -30.40	118.80 6.64 -30.13	109.02 7.01 -16.58
TEALLAVE_115KV_TB7 355573	84.24 -0.82 -3.03	82.95 -0.98 -2.07	81.99 -1.05 -2.08	94.12 -1.63 0.00	97.97 -1.49 0.00	83.18 -0.67 0.00	121.64 -1.10 0.00	148.42 -1.50 0.00	131.50 -1.60 0.00	108.95 -0.99 -0.12	112.64 -1.37 0.00	86.43 -0.60 -0.67	85.78 -0.60 -0.67	91.16 -0.64 -0.34	89.59 -0.63 -0.75	96.67 -0.58 -0.63	95.33 -0.66 -1.03	115.94 -0.69 -1.33	96.99 -0.58 -1.26	88.79 -0.44 -1.03	92.12 -1.02 -0.68	83.03 -0.67 -0.56	81.72 -0.82 -0.51	84.49 -0.94 0.00
TELGRAPH_34_KV_EAST 80808	81.33 -5.41 -4.72	79.28 -5.81 -3.23	77.97 -6.23 -3.24	86.75 -9.00 -0.01	90.61 -8.85 0.00	77.82 -6.04 0.00	112.93 -9.82 0.00	134.92 -14.99 0.00	119.65 -13.44 0.00	99.14 -10.87 -0.20	102.15 -11.86 0.00	79.92 -7.51 -1.07	79.58 -7.20 -1.07	84.80 -8.23 -1.57	82.61 -8.05 -1.20	89.51 -8.12 -1.00	88.16 -8.45 -1.65	108.21 -9.22 -2.13	89.75 -8.57 -2.02	82.79 -7.06 -1.65	84.39 -9.15 -1.09	77.04 -6.98 -0.89	76.13 -6.73 -0.82	81.17 -6.66 -2.41
TEMPLE___115KV_TB 2 55572	84.36 -0.74 -3.07	83.06 -0.90 -2.10	82.11 -0.97 -2.11	94.22 -1.53 0.00	98.07 -1.39 0.00	83.27 -0.59 0.00	121.77 -0.98 0.00	148.42 -1.50 0.00	131.63 -1.46 0.00	108.95 -0.99 -0.13	112.75 -1.25 0.00	86.52 -0.52 -0.68	85.88 -0.51 -0.68	91.26 -0.55 -0.35	89.69 -0.54 -0.76	96.77 -0.48 -0.64	95.44 -0.57 -1.05	116.08 -0.58 -1.35	97.10 -0.48 -1.28	88.89 -0.35 -1.05	92.22 -0.92 -0.70	83.12 -0.58 -0.57	81.81 -0.74 -0.52	84.58 -0.85 0.00
TIANA____69_KV_BK 1 55817	139.73 10.42 -47.29	130.70 10.23 -38.61	129.29 10.28 -38.04	129.62 12.06 -21.82	129.89 12.53 -17.90	149.43 12.16 -53.42	161.12 18.04 -20.33	185.02 22.49 -12.62	158.92 18.23 -7.59	140.57 15.26 -15.48	133.34 14.59 -4.74	129.72 11.83 -31.53	128.94 11.66 -31.57	129.59 12.53 -25.60	137.32 12.26 -35.60	146.10 14.49 -34.98	167.15 14.81 -57.38	202.07 18.56 -68.20	184.57 15.41 -72.86	169.93 14.38 -67.35	160.96 14.42 -54.09	150.04 12.72 -54.18	137.28 12.55 -42.70	127.35 13.07 -28.85
TILDEN___115KV_TB1 80814	85.34 -0.33 -3.64	83.94 -0.41 -2.49	82.90 -0.57 -2.50	94.79 -0.96 -0.01	98.57 -0.90 0.00	83.77 -0.08 0.00	122.63 -0.12 0.00	149.47 -0.45 0.00	132.43 -0.67 0.00	109.64 -0.33 -0.15	113.32 -0.68 0.00	87.09 -0.09 -0.81	86.53 0.00 -0.81	91.88 0.00 -0.42	90.38 0.00 -0.91	97.48 0.10 -0.76	96.22 0.00 -1.26	117.15 0.23 -1.62	97.94 0.10 -1.54	89.72 0.26 -1.25	92.91 -0.37 -0.83	83.73 -0.08 -0.68	82.41 -0.25 -0.63	85.09 -0.34 0.00

TRIGEN___CC 323695	143.35 7.79 -53.53	125.73 7.78 -36.09	124.82 7.53 -36.32	119.79 8.81 -15.24	121.72 9.15 -13.10	130.28 9.22 -37.21	184.93 12.40 -49.79	221.31 15.74 -55.65	179.47 14.51 -31.87	166.80 12.74 -44.25	161.39 12.65 -34.73	153.07 10.10 -56.60	152.56 10.03 -56.82	152.90 10.70 -50.74	164.58 10.38 -64.74	170.28 11.21 -62.45	203.37 10.73 -97.68	211.48 12.80 -83.38	207.27 10.69 -100.28	193.58 10.05 -95.33	171.07 10.17 -68.45	179.08 9.48 -86.47	145.61 9.60 -53.98	124.27 10.00 -28.84
TRINITY___115KV___4 BK 55933	124.54 3.77 -38.73	112.14 3.77 -26.51	111.22 3.64 -26.61	100.11 4.31 -0.06	103.94 4.48 0.00	154.80 4.28 -66.67	167.54 5.28 -39.51	177.10 6.00 -21.19	152.40 5.59 -13.71	137.42 5.60 -22.01	120.05 6.04 0.00	95.35 4.92 -4.06	94.58 4.80 -4.06	116.45 5.21 -19.78	98.90 4.74 -4.69	120.16 4.83 -18.71	135.60 4.08 -36.55	167.44 4.50 -47.64	157.46 3.95 -57.21	154.08 3.79 -62.10	141.81 3.70 -45.67	125.33 3.82 -38.37	129.66 4.27 -43.37	131.92 4.70 -41.79
UNION___PROCESSING_DRP 323587	83.43 -2.62 -4.02	81.67 -2.95 -2.75	80.57 -3.16 -2.76	90.48 -5.27 -0.01	94.29 -5.17 0.00	80.50 -3.35 0.00	117.47 -5.28 0.00	142.27 -7.65 0.00	126.17 -6.92 0.00	104.49 -5.49 -0.17	107.73 -6.27 0.00	83.64 -3.63 -0.90	83.02 -3.60 -0.90	88.75 -4.02 -1.32	86.36 -4.12 -1.01	93.41 -4.06 -0.85	92.18 -4.18 -1.40	112.84 -4.27 -1.80	93.87 -4.14 -1.71	86.33 -3.26 -1.39	88.75 -4.62 -0.93	80.31 -3.57 -0.75	79.12 -3.61 -0.70	83.51 -3.93 -2.01
UPPER HUDSON___HYD 24058	127.67 5.58 -40.06	114.76 5.49 -27.42	114.07 5.58 -27.52	102.12 6.32 -0.06	106.13 6.66 0.00	209.09 5.87 -119.37	202.33 8.84 -70.74	198.65 10.80 -37.94	167.36 9.71 -24.55	156.67 8.24 -38.61	122.10 8.10 0.00	95.68 6.30 -3.01	94.82 6.09 -3.02	127.68 6.67 -29.55	99.87 6.80 -3.61	133.66 7.54 -29.50	161.29 7.50 -58.83	201.31 9.23 -76.78	198.09 7.42 -94.38	199.81 6.97 -104.65	176.82 6.94 -77.44	154.55 6.24 -65.18	162.28 5.82 -74.42	157.31 5.72 -66.16
UPPER RAQUET___HYD 24056	80.39 -1.64 0.00	80.39 -1.47 0.00	79.83 -1.13 0.00	94.40 -1.34 0.00	97.57 -1.89 0.00	81.17 -2.69 0.00	118.08 -4.66 0.00	145.11 -4.80 0.00	128.43 -4.66 0.00	104.88 -4.94 0.00	110.59 -3.42 0.00	83.17 -3.19 0.00	82.54 -3.17 0.00	88.08 -3.38 0.00	86.33 -3.13 0.00	92.18 -4.44 0.00	91.35 -3.61 0.00	111.16 -4.15 0.00	92.93 -3.37 0.00	84.50 -3.70 0.00	89.49 -2.96 0.00	80.89 -2.24 0.00	80.22 -1.81 0.00	83.90 -1.54 0.00
VALLEY44_115KV_TB2 355964	81.87 -6.15 -6.00	79.42 -6.55 -4.10	78.12 -6.96 -4.12	89.62 -6.13 -0.01	93.59 -5.87 0.00	83.30 -3.52 -2.97	118.49 -6.01 -1.76	137.52 -11.98 -0.94	121.73 -11.98 -0.61	101.46 -9.55 -1.20	103.63 -10.37 0.00	81.34 -6.39 -1.37	81.00 -6.09 -1.37	86.54 -6.95 -2.03	84.39 -6.62 -1.54	91.61 -6.96 -1.95	91.21 -7.22 -3.47	111.96 -7.84 -4.49	93.59 -7.51 -4.80	86.72 -6.09 -4.61	87.67 -8.04 -3.26	79.53 -6.32 -2.71	78.81 -6.07 -2.86	84.63 -3.93 -3.13
VALLEY___115KV_TB 1-4 80826	85.56 3.53 0.00	85.38 3.52 0.00	84.29 3.32 0.00	99.48 3.73 0.00	103.54 4.08 0.00	87.54 3.69 0.00	128.03 5.28 0.00	156.06 6.15 0.00	138.42 5.32 0.00	114.43 4.61 0.00	118.79 4.79 0.00	90.25 3.89 0.00	89.57 3.86 0.00	95.58 4.12 0.00	93.49 4.03 0.00	100.97 4.35 0.00	99.14 4.18 0.00	120.26 4.96 0.00	100.34 4.04 0.00	91.90 3.70 0.00	96.05 3.61 0.00	86.71 3.57 0.00	85.56 3.53 0.00	89.10 3.67 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	101.89 6.07 -13.79	97.19 5.89 -9.44	96.11 5.67 -9.47	102.08 6.32 -0.02	106.42 6.96 0.00	107.67 6.71 -17.10	142.58 9.70 -10.14	166.90 11.54 -5.44	146.73 10.12 -3.52	124.49 8.57 -6.11	122.33 8.32 0.00	96.62 6.74 -3.52	95.92 6.69 -3.52	106.22 7.32 -7.44	100.61 7.16 -3.99	111.77 8.02 -7.13	116.06 7.88 -13.22	141.93 9.45 -17.17	123.49 7.80 -19.39	115.30 7.32 -19.79	113.94 7.21 -14.28	101.80 6.73 -11.93	101.41 6.32 -13.06	105.30 6.58 -13.29
VISCHER___FERRY HYD 24020	126.01 4.76 -39.22	113.37 4.66 -26.85	112.52 4.61 -26.94	101.16 5.36 -0.06	105.03 5.57 0.00	188.51 5.53 -99.13	188.98 7.49 -58.74	190.11 8.69 -31.50	161.33 7.85 -20.39	149.55 7.13 -32.60	121.19 7.19 0.00	97.54 5.79 -5.39	96.85 5.74 -5.39	124.36 6.13 -26.77	101.79 6.09 -6.24	130.20 6.38 -27.20	154.37 6.08 -53.33	191.97 7.15 -69.52	186.29 6.17 -83.82	185.33 5.82 -91.32	165.60 5.92 -67.23	145.12 5.49 -56.50	151.51 5.50 -63.98	147.85 5.72 -56.70
V_A_10_SYNC_DSASP 323832	81.39 -5.09 -4.45	79.50 -5.41 -3.04	78.28 -5.75 -3.06	87.04 -8.71 -0.01	90.71 -8.75 0.00	77.82 -6.04 0.00	112.92 -9.82 0.00	135.52 -14.39 0.00	120.32 -12.78 0.00	99.79 -10.21 -0.19	102.84 -11.17 0.00	80.29 -7.08 -1.00	79.86 -6.86 -1.00	85.16 -7.77 -1.47	82.90 -7.69 -1.13	89.64 -7.92 -0.94	88.25 -8.26 -1.55	108.19 -9.11 -2.00	89.72 -8.48 -1.90	82.78 -6.97 -1.55	84.78 -8.69 -1.03	76.99 -6.98 -0.84	76.16 -6.64 -0.77	80.85 -6.84 -2.25
V_CMM_10_SYNC_DSASP 323787	80.39 -1.64 0.00	80.39 -1.47 0.00	79.76 -1.21 0.00	94.60 -1.14 0.00	97.97 -1.49 0.00	82.09 -1.76 0.00	120.66 -2.09 0.00	147.82 -2.10 0.00	131.10 -1.99 0.00	107.30 -2.52 0.00	112.07 -1.94 0.00	84.38 -1.98 0.00	83.66 -2.06 0.00	89.18 -2.28 0.00	87.32 -2.15 0.00	94.02 -2.60 0.00	92.96 -2.00 0.00	112.88 -2.43 0.00	94.38 -1.93 0.00	86.08 -2.12 0.00	90.96 -1.48 0.00	81.47 -1.66 0.00	80.39 -1.64 0.00	83.81 -1.63 0.00
V_CMP_10_SYNC_DSASP 323788	81.70 -0.33 0.00	81.70 -0.16 0.00	81.05 0.08 0.00	96.13 0.38 0.00	99.56 0.10 0.00	83.60 -0.25 0.00	121.76 -0.99 0.00	148.27 -1.65 0.00	131.23 -1.86 0.00	107.73 -2.09 0.00	113.32 -0.68 0.00	85.41 -0.95 0.00	84.69 -1.02 0.00	90.09 -1.37 0.00	88.21 -1.25 0.00	95.17 -1.45 0.00	94.39 -0.57 0.00	114.50 -0.80 0.00	95.92 -0.38 0.00	87.31 -0.88 0.00	92.36 -0.09 0.00	82.64 -0.50 0.00	81.37 -0.66 0.00	85.52 0.09 0.00
V_D_10_SYNC_DSASP 323841	80.56 -1.47 0.00	80.55 -1.31 0.00	80.08 -0.89 0.00	94.78 -0.96 0.00	98.07 -1.39 0.00	82.09 -1.76 0.00	120.54 -2.21 0.00	147.82 -2.10 0.00	130.96 -2.13 0.00	107.18 -2.64 0.00	112.30 -1.71 0.00	84.46 -1.90 0.00	83.83 -1.89 0.00	89.26 -2.20 0.00	87.49 -1.97 0.00	93.92 -2.70 0.00	92.87 -2.09 0.00	112.88 -2.43 0.00	94.38 -1.93 0.00	85.99 -2.20 0.00	90.96 -1.48 0.00	81.64 -1.49 0.00	80.71 -1.32 0.00	84.15 -1.28 0.00
V_E_10_SYNC_DSASP 323830	100.63 8.61 -9.99	96.97 8.26 -6.84	95.61 7.77 -6.86	104.38 8.62 -0.02	109.41 9.95 0.00	102.06 10.06 -8.15	143.17 15.59 -4.83	171.09 18.59 -2.59	149.94 15.17 -1.68	124.83 11.97 -3.05	125.40 11.40 0.00	98.10 9.33 -2.41	97.47 9.34 -2.41	106.16 10.42 -4.28	102.56 10.37 -2.72	112.58 11.88 -4.08	114.83 12.44 -7.43	140.62 15.68 -9.64	119.64 12.71 -10.63	110.22 11.46 -10.56	111.10 11.09 -7.56	99.33 9.89 -6.30	97.76 8.94 -6.79	101.83 9.23 -7.16
V_F_30_NSYNC___DSASP 323816	127.30 5.33 -39.94	114.44 5.24 -27.34	113.66 5.26 -27.44	101.84 6.04 -0.06	105.83 6.37 0.00	206.40 5.70 -116.84	200.22 8.23 -69.24	196.79 9.74 -37.13	165.91 8.78 -24.03	155.25 7.57 -37.87	121.53 7.52 0.00	95.67 5.95 -3.35	94.90 5.83 -3.36	126.99 6.31 -29.22	99.81 6.35 -3.99	132.83 6.96 -29.25	160.01 6.84 -58.21	199.45 8.19 -75.96	196.18 6.74 -93.14	197.68 6.43 -103.05	175.03 6.37 -76.21	153.08 5.82 -64.13	160.76 5.58 -73.15	156.13 5.72 -64.98

V_F_30_SYNC_DSASP 323786	125.02 3.94 -39.05	112.52 3.93 -26.73	111.68 3.89 -26.82	100.30 4.50 -0.06	104.14 4.67 0.00	167.82 4.36 -79.60	175.45 5.52 -47.17	181.51 6.30 -25.30	155.46 5.99 -16.37	141.77 5.82 -26.14	120.27 6.27 0.00	95.57 5.10 -4.11	94.88 5.06 -4.11	119.18 5.40 -22.33	99.15 4.92 -4.77	123.29 5.02 -21.64	141.73 4.27 -42.49	175.54 4.84 -55.40	167.35 4.14 -66.91	165.17 3.97 -73.01	150.11 3.88 -53.78	132.24 3.91 -45.20	137.60 4.35 -51.22	137.96 4.78 -47.74
V_XM_10_SYNC_DSASP 323789	81.70 -0.33 0.00	81.70 -0.16 0.00	81.05 0.08 0.00	96.13 0.38 0.00	99.56 0.10 0.00	83.60 -0.25 0.00	121.76 -0.99 0.00	148.27 -1.65 0.00	131.23 -1.86 0.00	107.73 -2.09 0.00	113.32 -0.68 0.00	85.41 -0.95 0.00	84.69 -1.02 0.00	90.09 -1.37 0.00	88.21 -1.25 0.00	95.17 -1.45 0.00	94.39 -0.57 0.00	114.50 -0.80 0.00	95.92 -0.38 0.00	87.31 -0.88 0.00	92.36 -0.09 0.00	82.64 -0.50 0.00	81.37 -0.66 0.00	85.52 0.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	117.13 5.25 -29.85	107.45 5.16 -20.43	106.41 4.94 -20.51	101.72 5.94 -0.05	105.53 6.07 0.00	107.77 6.54 -17.37	141.51 8.47 -10.30	166.38 10.94 -5.52	146.78 10.12 -3.57	129.13 9.00 -10.31	122.90 8.89 0.00	119.33 7.25 -25.71	118.63 7.20 -25.72	119.49 7.68 -20.34	125.80 7.43 -28.91	132.74 8.12 -28.00	150.38 7.69 -47.73	186.10 9.22 -61.57	165.67 7.70 -61.66	149.87 7.32 -54.35	137.03 7.30 -37.28	120.70 6.90 -30.66	119.30 6.89 -30.38	109.29 7.18 -16.68
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	119.73 6.56 -31.14	109.56 6.39 -21.32	108.51 6.15 -21.39	103.07 7.28 -0.05	107.02 7.56 0.00	109.99 7.88 -18.26	143.88 10.31 -10.82	169.21 13.49 -5.80	149.63 12.78 -3.76	132.06 11.31 -10.93	125.29 11.29 0.00	123.07 9.15 -27.55	122.36 9.09 -27.56	122.78 9.69 -21.62	129.75 9.30 -30.98	136.60 10.05 -29.93	155.53 9.59 -50.98	192.48 11.42 -65.77	171.65 9.53 -65.81	155.05 8.91 -57.94	141.14 8.97 -39.73	124.20 8.40 -32.67	122.82 8.45 -32.34	111.76 8.88 -17.45
W50THST__13_KV_LOAD 356117	120.23 7.05 -31.14	109.97 6.79 -21.32	108.92 6.56 -21.39	103.45 7.66 -0.05	107.42 7.96 0.00	110.33 8.22 -18.26	144.62 11.05 -10.82	170.26 14.54 -5.80	150.69 13.84 -3.76	132.83 12.08 -10.93	126.09 12.08 0.00	123.76 9.85 -27.55	123.05 9.77 -27.56	123.51 10.43 -21.62	130.47 10.02 -30.98	137.28 10.72 -29.93	156.20 10.26 -50.98	193.18 12.11 -65.77	172.22 10.11 -65.81	155.58 9.44 -57.94	141.61 9.43 -39.73	124.62 8.81 -32.67	123.23 8.86 -32.34	112.19 9.31 -17.45
WADING RIVER_IC_1 23522	139.40 10.09 -47.28	130.37 9.90 -38.61	128.80 9.79 -38.04	129.24 11.68 -21.82	129.49 12.13 -17.90	148.77 11.49 -53.43	160.25 17.18 -20.31	184.24 21.73 -12.60	157.72 17.04 -7.58	139.46 14.17 -15.47	132.18 13.45 -4.73	128.94 11.06 -31.52	128.07 10.80 -31.55	128.67 11.62 -25.59	136.41 11.36 -35.59	145.31 13.71 -34.97	166.85 14.53 -57.36	201.25 17.75 -68.19	184.07 14.93 -72.85	169.47 13.93 -67.34	160.40 13.86 -54.09	149.60 12.30 -54.17	136.87 12.14 -42.70	126.92 12.64 -28.85
WADING RIVER_IC_2 23547	139.40 10.09 -47.28	130.37 9.90 -38.61	128.80 9.79 -38.04	129.24 11.68 -21.82	129.49 12.13 -17.90	148.77 11.49 -53.43	160.25 17.18 -20.31	184.24 21.73 -12.60	157.72 17.04 -7.58	139.46 14.17 -15.47	132.18 13.45 -4.73	128.94 11.06 -31.52	128.07 10.80 -31.55	128.67 11.62 -25.59	136.41 11.36 -35.59	145.31 13.71 -34.97	166.85 14.53 -57.36	201.25 17.75 -68.19	184.07 14.93 -72.85	169.47 13.93 -67.34	160.40 13.86 -54.09	149.60 12.30 -54.17	136.87 12.14 -42.70	126.92 12.64 -28.85
WADING RIVER_IC_3 23601	139.40 10.09 -47.28	130.37 9.90 -38.61	128.80 9.79 -38.04	129.24 11.68 -21.82	129.49 12.13 -17.90	148.77 11.49 -53.43	160.25 17.18 -20.31	184.24 21.73 -12.60	157.72 17.04 -7.58	139.46 14.17 -15.47	132.18 13.45 -4.73	128.94 11.06 -31.52	128.07 10.80 -31.55	128.67 11.62 -25.59	136.41 11.36 -35.59	145.31 13.71 -34.97	166.85 14.53 -57.36	201.25 17.75 -68.19	184.07 14.93 -72.85	169.47 13.93 -67.34	160.40 13.86 -54.09	149.60 12.30 -54.17	136.87 12.14 -42.70	126.92 12.64 -28.85
WALDENNY_12_KV_BK2 80841	81.68 -5.66 -5.31	79.44 -6.06 -3.64	78.06 -6.56 -3.65	87.23 -8.52 -0.01	91.11 -8.35 0.00	81.02 -5.45 -2.61	115.21 -9.08 -1.55	135.46 -15.29 -0.83	119.92 -13.71 -0.54	100.00 -10.87 -1.06	102.26 -11.74 0.00	80.32 -7.25 -1.21	79.98 -6.94 -1.21	85.29 -7.96 -1.79	83.22 -7.60 -1.36	90.51 -7.83 -1.72	89.76 -8.26 -3.06	110.16 -9.11 -3.96	91.96 -8.57 -4.23	85.20 -7.06 -4.06	86.26 -9.06 -2.87	78.46 -7.07 -2.39	77.90 -6.64 -2.52	82.28 -5.89 -2.74
WALDEN__HYDRO 24148	117.72 5.74 -29.94	108.01 5.65 -20.50	106.96 5.42 -20.57	102.20 6.41 -0.05	106.03 6.56 0.00	109.13 7.13 -18.15	142.96 9.45 -10.76	167.53 11.84 -5.77	147.61 10.78 -3.73	129.47 9.22 -10.43	123.12 9.12 0.00	118.66 7.25 -25.04	117.97 7.20 -25.05	119.30 7.68 -20.16	125.14 7.51 -28.16	132.39 8.21 -27.55	150.08 8.07 -47.05	185.69 9.69 -60.70	165.46 8.19 -60.97	149.75 7.58 -53.97	137.10 7.58 -37.08	120.79 7.15 -30.51	119.50 7.14 -30.33	109.84 7.35 -17.06
WARRENSBURG____ 23737	127.67 5.58 -40.06	114.76 5.49 -27.42	114.07 5.58 -27.52	102.12 6.32 -0.06	106.13 6.66 0.00	209.09 5.87 -119.37	202.33 8.84 -70.74	198.65 10.80 -37.94	167.36 9.71 -24.55	156.67 8.24 -38.61	122.10 8.10 0.00	95.68 6.30 -3.01	94.82 6.09 -3.02	127.68 6.67 -29.55	99.87 6.80 -3.61	133.66 7.54 -29.50	161.29 7.50 -58.83	201.31 9.23 -76.78	198.09 7.42 -94.38	199.81 6.97 -104.65	176.82 6.94 -77.44	154.55 6.24 -65.18	162.28 5.82 -74.42	157.31 5.72 -66.16
WATERSIDE____6 8 9 23538	120.07 6.89 -31.15	109.05 6.79 -20.40	108.00 6.56 -20.47	101.83 7.76 1.67	106.36 8.06 1.16	109.43 8.22 -17.36	143.76 10.19 -10.82	169.21 13.49 -5.80	149.75 12.91 -3.75	132.38 11.64 -10.93	125.62 11.63 0.01	123.24 9.33 -27.55	122.62 9.34 -27.56	122.97 9.88 -21.63	130.02 9.57 -30.98	122.70 10.44 -15.64	155.82 9.88 -50.99	178.55 11.76 -51.49	143.15 9.82 -37.03	131.98 9.17 -34.61	116.41 9.24 -14.72	110.25 8.73 -18.39	123.23 8.86 -32.34	112.19 9.31 -17.44
WATKINRD_115KV_LN8_ILLION 55919	84.74 2.71 0.00	84.48 2.62 0.00	83.48 2.51 0.00	98.61 2.87 0.00	102.55 3.08 0.00	86.62 2.77 0.00	126.68 3.93 0.00	154.41 4.50 0.00	137.09 3.99 0.00	113.22 3.40 0.00	117.42 3.42 0.00	89.21 2.85 0.00	88.54 2.83 0.00	94.57 3.11 0.00	92.51 3.04 0.00	99.81 3.19 0.00	98.09 3.13 0.00	119.11 3.81 0.00	99.38 3.08 0.00	91.02 2.82 0.00	95.22 2.77 0.00	85.88 2.74 0.00	84.65 2.62 0.00	88.17 2.73 0.00
WATSON__69_KV_BK 1 55734	140.06 10.34 -47.69	130.60 10.15 -38.58	128.99 9.96 -38.06	129.11 11.78 -21.59	129.44 12.23 -17.74	148.40 11.82 -52.72	161.87 17.18 -21.93	186.28 21.44 -14.93	160.76 18.77 -8.89	142.66 15.81 -17.03	135.74 15.39 -6.35	131.67 12.44 -32.87	130.89 12.26 -32.92	131.49 13.08 -26.95	139.42 12.79 -37.17	147.57 14.49 -36.46	168.65 14.15 -59.54	201.73 17.41 -69.02	185.19 14.54 -74.34	170.74 13.67 -68.88	161.05 13.68 -54.92	151.43 12.30 -55.99	137.60 12.22 -43.35	127.06 12.73 -28.90
WDELAWARE__HYD 323627	116.19 5.99 -28.17	106.96 5.81 -19.28	105.83 5.51 -19.35	102.39 6.60 -0.04	106.23 6.77 0.00	109.34 7.38 -18.11	143.66 10.18 -10.73	168.27 12.59 -5.76	147.86 11.04 -3.72	128.72 9.23 -9.68	122.78 8.78 0.00	114.25 6.82 -21.06	113.56 6.77 -21.07	116.49 7.14 -17.89	120.32 7.16 -23.70	128.36 7.92 -23.81	143.99 8.17 -40.86	178.08 10.03 -52.74	157.98 8.28 -53.40	143.64 7.67 -47.77	133.07 7.67 -32.96	117.52 7.23 -27.15	116.31 7.06 -27.23	109.24 7.26 -16.55

WEST BABYLON___IC 23714	140.43 9.76 -48.64	130.02 9.66 -38.50	128.42 9.39 -38.06	127.92 11.11 -21.07	128.39 11.54 -17.39	146.32 11.24 -51.23	164.40 16.08 -25.57	190.15 20.09 -20.15	162.64 17.70 -11.84	145.38 15.04 -20.52	138.70 14.71 -9.99	134.11 11.83 -35.91	133.36 11.66 -35.98	133.90 12.44 -30.00	142.33 12.17 -40.70	150.04 13.62 -39.80	172.59 13.20 -64.43	202.07 15.91 -70.86	187.39 13.39 -77.70	173.14 12.61 -72.33	161.93 12.67 -56.81	154.81 11.56 -60.11	138.50 11.65 -44.83	126.61 12.13 -29.04
WEST CANADA___HYD 24049	82.93 0.90 0.00	82.76 0.90 0.00	81.78 0.81 0.00	96.60 0.86 0.00	100.46 0.99 0.00	84.69 0.84 0.00	123.85 1.10 0.00	151.11 1.19 0.00	134.15 1.06 0.00	110.91 1.10 0.00	115.03 1.02 0.00	87.31 0.95 0.00	86.66 0.94 0.00	92.47 1.01 0.00	90.45 0.99 0.00	97.69 1.06 0.00	95.91 0.95 0.00	116.46 1.15 0.00	97.26 0.96 0.00	89.08 0.88 0.00	93.28 0.83 0.00	83.97 0.83 0.00	82.85 0.82 0.00	86.29 0.85 0.00
WESTERN_NY_WIND 24143	82.89 -3.77 -4.64	80.78 -4.26 -3.17	79.54 -4.62 -3.18	88.57 -7.18 -0.01	92.50 -6.96 0.00	79.41 -4.44 0.00	115.63 -7.12 0.00	138.82 -11.09 0.00	123.11 -9.98 0.00	101.77 -8.24 -0.19	104.77 -9.23 0.00	81.80 -5.61 -1.05	81.36 -5.40 -1.05	86.87 -6.13 -1.54	84.56 -6.08 -1.18	91.61 -5.99 -0.98	90.50 -6.08 -1.62	111.16 -6.23 -2.09	92.22 -6.07 -1.98	84.96 -4.85 -1.62	86.68 -6.84 -1.07	79.02 -4.99 -0.87	77.83 -5.00 -0.81	82.75 -5.04 -2.36
WESTOVER___LESR 323668	92.88 0.49 -10.36	89.20 0.25 -7.09	88.16 0.08 -7.12	95.85 0.10 -0.02	99.76 0.30 0.00	90.57 1.09 -5.63	127.43 1.35 -3.33	152.00 0.30 -1.79	134.38 0.13 -1.16	112.39 0.33 -2.24	114.00 0.00 0.00	89.38 0.60 -2.41	88.81 0.69 -2.41	95.81 0.64 -3.71	92.90 0.72 -2.72	101.11 0.97 -3.52	102.11 0.85 -6.29	124.61 1.15 -8.15	105.92 0.87 -8.76	97.62 0.97 -8.45	98.72 0.28 -5.99	88.78 0.67 -4.98	87.87 0.57 -5.27	92.20 0.94 -5.82
WETHRSFD_WT_PWR 323626	83.42 -4.67 -6.06	80.86 -5.15 -4.15	79.39 -5.75 -4.17	88.28 -7.47 -0.01	92.00 -7.46 0.00	82.16 -4.69 -3.00	116.67 -7.86 -1.78	137.68 -13.19 -0.95	121.60 -12.11 -0.62	101.47 -9.55 -1.21	103.40 -10.60 0.00	81.27 -6.48 -1.39	81.02 -6.08 -1.39	86.75 -6.77 -2.06	84.58 -6.44 -1.56	92.21 -6.38 -1.97	91.82 -6.65 -3.51	112.59 -7.26 -4.54	94.32 -6.84 -4.86	87.21 -5.65 -4.66	88.44 -7.31 -3.30	80.38 -5.49 -2.74	79.75 -5.17 -2.89	83.90 -4.70 -3.17
WHAVSTOR_138KV_BK127 55557	116.84 4.92 -29.88	107.15 4.83 -20.46	106.19 4.70 -20.53	101.34 5.55 -0.05	105.13 5.67 0.00	107.46 6.21 -17.40	141.04 7.98 -10.31	165.64 10.19 -5.53	146.26 9.58 -3.58	128.71 8.57 -10.33	122.55 8.55 0.00	119.12 7.00 -25.76	118.42 6.94 -25.77	119.15 7.32 -20.38	125.50 7.07 -28.97	132.41 7.73 -28.05	150.08 7.31 -47.81	185.63 8.65 -61.68	165.39 7.32 -61.77	149.52 6.88 -54.45	136.73 6.93 -37.35	120.42 6.57 -30.71	119.03 6.56 -30.43	108.97 6.83 -16.70
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	116.84 4.92 -29.88	107.15 4.83 -20.46	106.19 4.70 -20.53	101.34 5.55 -0.05	105.13 5.67 0.00	107.46 6.21 -17.40	141.04 7.98 -10.31	165.64 10.19 -5.53	146.26 9.58 -3.58	128.71 8.57 -10.33	122.55 8.55 0.00	119.12 7.00 -25.76	118.42 6.94 -25.77	119.15 7.32 -20.38	125.50 7.07 -28.97	132.41 7.73 -28.05	150.08 7.31 -47.81	185.63 8.65 -61.68	165.39 7.32 -61.77	149.52 6.88 -54.45	136.73 6.93 -37.35	120.42 6.57 -30.71	119.03 6.56 -30.43	108.97 6.83 -16.70
WHITEHAL_115KV_TB1 80871	128.85 6.81 -40.01	115.96 6.71 -27.38	115.33 6.88 -27.48	103.66 7.85 -0.06	107.72 8.26 0.00	209.47 7.30 -118.32	204.04 11.17 -70.12	201.16 13.64 -37.60	169.54 12.11 -24.33	158.22 10.10 -38.30	123.92 9.92 0.00	97.29 7.77 -3.16	96.24 7.37 -3.16	128.92 8.05 -29.41	101.64 8.41 -3.77	135.29 9.28 -29.40	162.84 9.31 -58.58	203.28 11.53 -76.44	199.41 9.24 -93.86	200.83 8.64 -103.99	178.06 8.69 -76.93	155.44 7.57 -64.74	162.98 7.05 -73.89	158.02 6.92 -65.67
WHITEPLN_13_KV_LOAD 356215	119.68 6.56 -31.09	109.77 6.63 -21.28	108.72 6.40 -21.35	103.26 7.47 -0.05	107.22 7.76 0.00	110.04 7.97 -18.22	144.35 10.80 -10.80	169.80 14.09 -5.79	150.02 13.18 -3.75	132.25 11.53 -10.91	125.52 11.51 0.00	123.16 9.33 -27.47	122.37 9.17 -27.48	122.81 9.79 -21.57	129.93 9.57 -30.89	136.81 10.34 -29.85	155.77 9.97 -50.84	193.11 12.22 -65.59	171.95 10.02 -65.64	155.25 9.26 -57.79	141.32 9.24 -39.62	124.20 8.48 -32.58	122.66 8.37 -32.26	111.56 8.71 -17.41
WM_FLOYD_69_KV_BK2 356380	139.26 9.93 -47.30	130.29 9.82 -38.61	128.81 9.80 -38.04	129.04 11.49 -21.81	129.29 11.94 -17.89	148.81 11.57 -53.38	160.09 16.94 -20.41	183.93 21.29 -12.73	158.32 17.57 -7.65	140.09 14.72 -15.56	132.84 14.02 -4.82	129.44 11.49 -31.59	128.66 11.31 -31.63	129.20 12.07 -25.67	137.04 11.90 -35.68	145.59 13.91 -35.05	166.40 13.96 -57.48	200.96 17.41 -68.24	183.77 14.54 -72.93	169.21 13.58 -67.43	160.17 13.59 -54.13	149.54 12.14 -54.27	136.74 11.98 -42.73	126.76 12.47 -28.85
WOODARD___115KV_TB2 355635	84.22 -0.90 -3.09	82.91 -1.06 -2.12	81.96 -1.13 -2.13	94.02 -1.72 0.00	97.77 -1.69 0.00	83.02 -0.84 0.00	121.40 -1.35 0.00	148.12 -1.80 0.00	131.36 -1.73 0.00	108.74 -1.21 -0.13	112.41 -1.60 0.00	86.27 -0.78 -0.68	85.63 -0.77 -0.68	90.99 -0.82 -0.35	89.43 -0.81 -0.77	96.49 -0.77 -0.64	95.16 -0.85 -1.06	115.86 -0.81 -1.36	96.82 -0.77 -1.29	88.63 -0.62 -1.06	92.04 -1.11 -0.70	82.88 -0.83 -0.57	81.57 -0.98 -0.53	84.41 -1.03 0.00
YORK___WARBASSE 23770	120.40 7.22 -31.15	117.07 7.37 -27.84	116.02 7.13 -27.92	116.20 8.33 -12.13	116.27 8.65 -8.15	117.27 8.80 -24.62	144.37 10.80 -10.82	169.96 14.24 -5.80	150.48 13.58 -3.81	218.91 12.19 -96.91	220.33 12.20 -94.13	199.49 9.85 -103.28	185.46 9.77 -89.97	166.37 10.43 -64.48	158.56 10.11 -58.99	237.68 11.01 -130.05	166.80 10.45 -61.40	293.65 12.45 -165.89	374.23 10.40 -267.53	319.36 9.70 -221.46	317.18 9.80 -214.93	225.16 9.23 -132.79	127.63 9.27 -36.33	119.63 9.65 -24.54