

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion																		01/15/2024	
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																																
59TH STREET_GT_1	24138	115.67	116.25	111.65	108.98	111.47	126.07	152.92	172.08	166.98	157.45	149.04	140.91	134.89	135.49	140.80	163.99	215.61	267.11	245.99	210.70	187.33	173.70	152.78	135.88																																
		7.34	6.71	6.83	6.53	6.96	9.57	11.94	13.25	13.89	13.00	11.32	9.45	9.06	8.39	8.14	11.44	16.47	19.52	17.68	16.31	13.72	10.83	9.52	8.85																																
		-31.14	-35.76	-30.59	-31.40	-28.06	-13.65	-8.31	-9.84	-6.95	-21.72	-24.52	-37.87	-37.09	-44.00	-51.29	-43.59	-49.40	-73.27	-71.84	-44.80	-36.40	-53.46	-50.86	-31.84																																
74TH STREET_GT_1	24260	115.75	116.33	111.73	109.06	111.56	126.07	153.58	172.83	167.57	161.43	149.54	141.37	136.72	136.60	140.98	166.74	228.86	277.83	251.78	210.26	186.79	173.71	152.70	136.16																																
		7.41	6.79	6.90	6.61	7.03	9.57	12.60	14.00	14.47	13.01	11.77	9.73	9.32	8.64	8.30	11.00	15.72	18.65	17.06	15.86	13.17	10.83	9.43	9.14																																
		-31.14	-35.76	-30.59	-31.40	-28.06	-13.66	-8.31	-9.85	-6.95	-25.69	-24.56	-38.04	-38.66	-44.86	-51.31	-46.78	-63.40	-84.85	-78.25	-44.82	-36.41	-53.47	-50.87	-31.84																																
74TH STREET_GT_2	24261	115.75	116.33	111.73	109.06	111.56	126.07	153.58	172.83	167.57	161.43	149.54	141.37	136.72	136.60	140.98	166.74	228.86	277.83	251.78	210.26	186.79	173.71	152.70	136.16																																
		7.41	6.79	6.90	6.61	7.03	9.57	12.60	14.00	14.47	13.01	11.77	9.73	9.32	8.64	8.30	11.00	15.72	18.65	17.06	15.86	13.17	10.83	9.43	9.14																																
		-31.14	-35.76	-30.59	-31.40	-28.06	-13.66	-8.31	-9.85	-6.95	-25.69	-24.56	-38.04	-38.66	-44.86	-51.31	-46.78	-63.40	-84.85	-78.25	-44.82	-36.41	-53.47	-50.87	-31.84																																
ADK HUDSON___FALLS	24011	123.24	125.42	119.26	116.77	118.29	128.77	155.30	174.31	167.83	152.70	154.19	149.48	140.22	144.32	153.55	166.94	194.20	247.23	242.13	219.47	195.07	186.63	164.42	143.04																																
		6.41	6.12	6.09	5.75	6.12	8.54	12.07	12.81	12.86	10.92	9.85	8.05	7.63	7.06	6.92	9.37	12.28	14.99	13.77	12.86	11.53	9.19	7.30	7.33																																
		-39.63	-45.52	-38.93	-39.96	-35.71	-17.38	-10.57	-12.52	-8.83	-19.05	-31.14	-47.84	-43.84	-54.15	-65.26	-48.61	-32.18	-57.91	-71.89	-57.01	-46.33	-68.03	-64.72	-40.52																																
ADK RESOURCE___RCVRY	23798	123.72	125.89	119.73	117.21	118.77	129.50	156.37	175.51	168.87	153.69	155.12	150.17	140.87	144.93	154.16	165.22	191.67	244.47	239.52	216.66	192.77	184.82	162.80	143.54																																
		6.87	6.56	6.53	6.18	6.58	9.26	13.14	14.00	13.89	11.90	10.76	8.71	8.25	7.64	7.48	7.62	9.73	12.20	11.11	10.02	9.19	7.33	5.64	7.81																																
		-39.66	-45.54	-38.96	-39.99	-35.73	-17.39	-10.57	-12.53	-8.83	-19.07	-31.16	-47.87	-43.87	-54.19	-65.31	-48.64	-32.20	-57.95	-71.93	-57.05	-46.36	-68.07	-64.76	-40.55																																
ADK S GLENS___FALLS	24028	123.24	125.42	119.26	116.77	118.29	128.77	155.30	174.31	167.83	152.70	154.19	149.48	140.22	144.32	153.55	166.94	194.20	247.23	242.13	219.47	195.07	186.63	164.42	143.04																																
		6.41	6.12	6.09	5.75	6.12	8.54	12.07	12.81	12.86	10.92	9.85	8.05	7.63	7.06	6.92	9.37	12.28	14.99	13.77	12.86	11.53	9.19	7.30	7.33																																
		-39.63	-45.52	-38.93	-39.96	-35.71	-17.38	-10.57	-12.52	-8.83	-19.05	-31.14	-47.84	-43.84	-54.15	-65.26	-48.61	-32.18	-57.91	-71.89	-57.01	-46.33	-68.03	-64.72	-40.52																																
ADK_NYS___DAM	23527	120.63	122.53	116.58	114.32	115.97	126.66	151.64	170.92	164.05	148.52	150.35	145.86	136.74	140.80	149.78	163.05	190.74	241.84	236.49	214.31	191.36	182.43	161.19	141.32																																
		5.09	4.73	4.68	4.62	4.97	7.00	8.75	9.83	9.36	7.36	7.02	6.00	5.59	5.32	5.29	7.08	9.88	11.50	10.49	9.58	9.34	7.22	6.19	6.94																																
		-38.34	-44.03	-37.66	-38.66	-34.54	-16.81	-10.22	-12.11	-8.54	-18.43	-30.12	-46.28	-42.40	-52.38	-63.12	-47.01	-31.13	-56.01	-69.53	-55.14	-44.81	-65.80	-62.59	-39.19																																
AIR_PRODUCTS___DRP	24190	118.33	120.50	114.51	112.21	113.69	123.20	146.49	164.55	158.36	144.27	146.11	142.32	133.49	137.71	146.71	158.72	184.70	234.86	230.27	208.63	185.58	178.13	157.49	136.87																																
		2.70	2.58	2.52	2.42	2.60	3.50	3.58	3.43	3.65	3.07	2.72	2.34	2.22	2.08	2.03	2.61	3.74	4.36	4.07	3.74	3.43	2.74	2.31	2.38																																
		-38.43	-44.13	-37.75	-38.75	-34.63	-16.85	-10.25	-12.14	-8.56	-18.48	-30.20	-46.39	-42.53	-52.53	-63.31	-47.15	-31.22	-56.18	-69.73	-55.30	-44.94	-65.99	-62.77	-39.31																																
AKWESSNE_115KV_BK	355683	74.26	71.05	71.49	68.35	73.63	99.25	127.62	144.96	141.91	118.06	109.35	90.41	85.64	80.19	78.52	105.58	144.20	168.22	150.06	143.76	132.41	105.58	89.17	91.85																																
		-2.93	-2.73	-2.75	-2.70	-2.83	-3.60	-5.04	-4.02	-4.24	-4.66	-3.85	-3.18	-3.11	-2.91	-2.85	-3.38	-5.54	-6.10	-6.42	-5.83	-4.80	-3.83	-3.23	-3.33																																
		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	118.73	120.81	114.96	112.59	114.15	124.41	149.34	167.59	161.26	146.37	147.78	143.18	134.42	138.24	147.08	159.64	186.33	236.36	231.24	209.62	187.16	178.90	157.99	137.89																																
		3.86	3.76	3.71	3.55	3.75	5.04	6.63	6.71	6.73	5.53	4.98	4.11	4.00	3.65	3.66	4.47	6.00	6.98	6.42	5.83	5.90	4.81	4.06	4.18																																
		-37.68	-43.27	-37.01	-37.99	-33.95	-16.52	-10.05	-11.90	-8.39	-18.11	-29.60	-45.48	-41.68	-51.48	-62.05	-46.21	-30.60	-55.06	-68.35	-54.20	-44.04	-64.68	-61.53	-38.53																																
ALBANY_2_SOLAR	323834	118.73	120.81	114.96	112.52	114.16	124.41	149.34	167.43	161.12	146.37	147.78	143.19	134.33	138.24	147.09	159.64	186.17	236.37	231.24	209.63	187.16	178.90	157.91	137.90																																
		3.86	3.76	3.71	3.48	3.75	5.04	6.63	6.55	6.58	5.53	4.98	4.11	3.90	3.65	3.66	4.47	5.83	6.98	6.42	5.83	5.90	4.81	3.97	4.18																																
		-37.68	-43.27	-37.01	-37.99	-33.95	-16.52	-10.05	-11.91	-8.39	-18.11	-29.61	-45.48	-41.68	-51.49	-62.05	-46.22	-30.60	-55.07	-68.35	-54.21	-44.05	-64.68	-61.53	-38.53																																
ALBANY___1	23571	118.33	120.50	114.51	112.21	113.69	123.20	146.49	164.55	158.36	144.27	146.11	142.32	133.49	137.71	146.71	158.72	184.70	234.86	230.27	208.63	185.58	178.13	157.49	136.87																																
		2.70	2.58	2.52	2.42	2.60	3.50	3.58	3.43	3.65	3.07	2.72	2.34	2.22	2.08	2.03	2.61	3.74	4.36	4.07	3.74	3.43	2.74	2.31	2.38																																
		-38.43	-44.13	-37.75	-38.75	-34.63	-16.85	-10.25	-12.14	-8.56	-18.48	-30.20	-46.39	-42.53	-52.53	-63.31	-47.15	-31.22	-56.18	-69.73	-55.30	-44.94	-65.99	-62.77	-39.31																																

ALBANY___2 23572	118.33 2.70 -38.43	120.50 2.58 -44.13	114.51 2.52 -37.75	112.21 2.42 -38.75	113.69 2.60 -34.63	123.20 3.50 -16.85	146.49 3.58 -10.25	164.55 3.43 -12.14	158.36 3.65 -8.56	144.27 3.07 -18.48	146.11 2.72 -30.20	142.32 2.34 -46.39	133.49 2.22 -42.53	137.71 2.08 -52.53	146.71 2.03 -63.31	158.72 2.61 -47.15	184.70 3.74 -31.22	234.86 4.36 -56.18	230.27 4.07 -69.73	208.63 3.74 -55.30	185.58 3.43 -44.94	178.13 2.74 -65.99	157.49 2.31 -62.77	136.87 2.38 -39.31
ALBANY___3 23573	118.33 2.70 -38.43	120.50 2.58 -44.13	114.51 2.52 -37.75	112.21 2.42 -38.75	113.69 2.60 -34.63	123.20 3.50 -16.85	146.49 3.58 -10.25	164.55 3.43 -12.14	158.36 3.65 -8.56	144.27 3.07 -18.48	146.11 2.72 -30.20	142.32 2.34 -46.39	133.49 2.22 -42.53	137.71 2.08 -52.53	146.71 2.03 -63.31	158.72 2.61 -47.15	184.70 3.74 -31.22	234.86 4.36 -56.18	230.27 4.07 -69.73	208.63 3.74 -55.30	185.58 3.43 -44.94	178.13 2.74 -65.99	157.49 2.31 -62.77	136.87 2.38 -39.31
ALBANY___4 23574	118.33 2.70 -38.43	120.50 2.58 -44.13	114.51 2.52 -37.75	112.21 2.42 -38.75	113.69 2.60 -34.63	123.20 3.50 -16.85	146.49 3.58 -10.25	164.55 3.43 -12.14	158.36 3.65 -8.56	144.27 3.07 -18.48	146.11 2.72 -30.20	142.32 2.34 -46.39	133.49 2.22 -42.53	137.71 2.08 -52.53	146.71 2.03 -63.31	158.72 2.61 -47.15	184.70 3.74 -31.22	234.86 4.36 -56.18	230.27 4.07 -69.73	208.63 3.74 -55.30	185.58 3.43 -44.94	178.13 2.74 -65.99	157.49 2.31 -62.77	136.87 2.38 -39.31
ALBANY___LFGE 323615	119.35 3.39 -38.77	121.47 3.17 -44.52	115.51 3.19 -38.08	113.19 3.05 -39.09	114.68 3.29 -34.93	124.27 4.42 -17.00	148.83 5.83 -10.34	167.34 6.11 -12.25	160.92 6.14 -8.64	146.64 5.27 -18.64	148.53 4.86 -30.46	144.41 4.02 -46.79	135.45 3.81 -42.90	139.66 3.57 -52.99	148.81 3.58 -63.86	160.56 4.03 -47.57	186.77 5.54 -31.49	237.62 6.62 -56.67	232.76 5.94 -70.34	210.75 5.38 -55.78	187.63 5.08 -45.33	180.13 4.16 -66.57	159.15 3.42 -63.33	138.36 3.52 -39.65
ALCOA_PA_115KV_PL-6C 55860	73.57 -3.63 0.00	70.39 -3.39 0.00	70.82 -3.41 0.00	67.64 -3.41 0.00	72.94 -3.52 0.00	98.33 -4.53 0.00	126.43 -6.24 0.00	145.10 -3.87 0.00	142.05 -4.09 0.00	117.08 -5.65 0.00	108.45 -4.75 0.00	89.75 -3.84 0.00	85.02 -3.73 0.00	79.61 -3.49 0.00	77.95 -3.42 0.00	104.82 -4.14 0.00	142.85 -6.89 0.00	168.05 -6.28 0.00	148.65 -7.82 0.00	142.56 -7.03 0.00	131.18 -6.04 0.00	104.60 -4.81 0.00	88.52 -3.88 0.00	91.09 -4.09 0.00
ALCOA_RYNLDS___DRP 24188	73.57 -3.63 0.00	70.39 -3.39 0.00	70.82 -3.41 0.00	67.64 -3.41 0.00	72.94 -3.52 0.00	98.33 -4.53 0.00	126.43 -6.24 0.00	145.10 -3.87 0.00	142.05 -4.09 0.00	117.08 -5.65 0.00	108.45 -4.75 0.00	89.75 -3.84 0.00	85.02 -3.73 0.00	79.61 -3.49 0.00	77.95 -3.42 0.00	104.82 -4.14 0.00	142.85 -6.89 0.00	168.05 -6.28 0.00	148.65 -7.82 0.00	142.56 -7.03 0.00	131.18 -6.04 0.00	104.60 -4.81 0.00	88.52 -3.88 0.00	91.09 -4.09 0.00
ALCOA___DSASP 323711	73.57 -3.63 0.00	70.39 -3.39 0.00	70.82 -3.41 0.00	67.64 -3.41 0.00	72.94 -3.52 0.00	98.33 -4.52 0.00	126.43 -6.23 0.00	144.81 -4.17 0.00	142.05 -4.09 0.00	116.96 -5.77 0.00	108.45 -4.75 0.00	89.84 -3.75 0.00	84.93 -3.81 0.00	79.61 -3.49 0.00	77.95 -3.41 0.00	104.70 -4.25 0.00	142.85 -6.89 0.00	168.06 -6.27 0.00	148.65 -7.82 0.00	143.16 -6.43 0.00	131.18 -6.03 0.00	104.60 -4.81 0.00	88.43 -3.97 0.00	91.09 -4.09 0.00
ALLEGHENY___COGEN 23514	85.49 2.93 -5.36	82.37 2.43 -6.16	81.88 2.38 -5.27	78.87 2.42 -5.41	83.74 2.45 -4.83	109.32 4.12 -2.35	139.67 5.57 -1.43	154.10 3.43 -1.69	149.23 1.89 -1.19	127.26 1.96 -2.58	118.88 1.47 -4.21	101.10 1.03 -6.47	95.66 0.98 -5.94	91.09 0.66 -7.33	91.43 1.22 -8.84	116.63 1.09 -6.58	158.14 4.04 -4.36	188.96 6.79 -7.84	173.41 7.20 -9.73	161.65 4.34 -7.72	147.47 3.98 -6.27	121.58 2.96 -9.21	103.48 2.31 -8.76	103.91 3.24 -5.49
ALTAMONT_115KV_TB 2 55880	118.86 3.24 -38.42	121.00 3.10 -44.12	115.09 3.12 -37.74	112.77 2.98 -38.74	114.21 3.13 -34.62	123.92 4.22 -16.85	148.21 5.31 -10.24	166.63 5.51 -12.14	160.26 5.55 -8.56	145.98 4.79 -18.47	147.69 4.30 -30.19	143.52 3.56 -46.38	134.71 3.46 -42.50	138.84 3.24 -52.50	147.82 3.17 -63.27	160.22 4.14 -47.13	186.78 5.84 -31.20	237.27 6.80 -56.15	232.43 6.26 -69.70	210.70 5.83 -55.27	187.48 5.35 -44.92	179.63 4.27 -65.96	158.84 3.70 -62.74	138.28 3.81 -39.29
ALTONA_WT_PWR 323606	75.57 -1.62 0.00	72.45 -1.33 0.00	72.90 -1.33 0.00	69.42 -1.63 0.00	75.16 -1.30 0.00	101.31 -1.54 0.00	127.49 -5.18 0.00	142.73 -6.25 0.00	139.72 -6.43 0.00	116.47 -6.25 0.00	109.81 -3.39 0.00	91.44 -2.15 0.00	86.26 -2.48 0.00	80.86 -2.24 0.00	79.34 -2.03 0.00	106.56 -2.40 0.00	142.85 -6.89 0.00	167.52 -6.80 0.00	149.75 -6.72 0.00	144.06 -5.53 0.00	132.00 -5.21 0.00	106.78 -2.63 0.00	90.74 -1.66 0.00	94.71 -0.47 0.00
AMERICAN_REF_FUEL 24010	76.87 -5.02 -4.69	74.37 -4.79 -5.39	73.87 -4.97 -4.61	71.23 -4.55 -4.73	75.26 -5.43 -4.23	97.82 -7.10 -2.06	123.17 -10.74 -1.25	133.78 -16.68 -1.48	129.80 -17.39 -1.05	112.10 -12.88 -2.26	104.56 -12.34 -3.69	89.33 -9.92 -5.67	85.06 -8.87 -5.19	81.20 -8.31 -6.41	80.96 -8.14 -7.73	101.74 -12.97 -5.75	136.78 -16.77 -3.81	161.14 -20.04 -6.86	148.39 -16.59 -8.51	137.79 -18.55 -6.75	126.23 -16.47 -5.48	105.21 -12.25 -8.05	91.19 -8.87 -7.66	93.03 -6.94 -4.80
ARKWRIGHT___SUMMIT_WT_PWR 323751	80.44 -2.08 -5.32	77.68 -2.21 -6.11	77.16 -2.30 -5.23	74.57 -1.85 -5.37	78.58 -2.68 -4.80	102.11 -3.08 -2.33	129.83 -4.25 -1.42	141.42 -9.24 -1.68	137.25 -10.08 -1.19	118.66 -6.63 -2.56	110.82 -6.57 -4.18	94.96 -5.06 -6.43	90.56 -4.08 -5.90	86.32 -4.07 -7.29	86.16 -3.99 -8.78	108.64 -6.86 -6.54	146.13 -7.94 -4.33	173.40 -8.71 -7.79	159.88 -6.26 -9.67	148.29 -8.97 -7.67	135.63 -7.82 -6.23	112.99 -5.58 -9.15	97.60 -3.51 -8.71	98.92 -1.71 -5.45
ARTHUR KILL_GT_1 23520	116.06 7.72 -31.15	116.71 7.15 -35.77	112.04 7.20 -30.60	109.35 6.89 -31.41	111.87 7.34 -28.07	126.29 9.78 -13.66	152.65 11.68 -8.31	171.05 12.22 -9.85	165.67 12.57 -6.95	158.21 11.67 -23.82	148.06 10.30 -24.55	140.17 8.60 -37.97	134.83 8.16 -37.93	135.20 7.64 -44.46	140.08 7.40 -51.31	166.30 10.57 -46.78	228.42 15.28 -63.40	277.64 18.47 -84.85	251.62 16.90 -78.24	210.11 15.70 -44.82	186.79 13.17 -36.40	173.28 10.40 -53.47	153.06 9.79 -50.87	136.27 9.23 -31.85
ARTHUR_KILL_2 23512	115.83 7.49 -31.15	116.49 6.93 -35.77	111.81 6.98 -30.60	109.13 6.68 -31.41	111.64 7.11 -28.07	125.97 9.46 -13.66	152.25 11.27 -8.31	170.59 11.77 -9.85	165.22 12.12 -6.95	157.83 11.28 -23.82	147.72 9.96 -24.55	139.89 8.33 -37.97	134.66 7.99 -37.93	135.04 7.48 -44.46	139.84 7.16 -51.31	165.87 10.13 -46.78	227.96 14.83 -63.40	277.13 17.96 -84.85	251.14 16.43 -78.24	209.51 15.10 -44.82	186.38 12.76 -36.40	172.94 10.06 -53.47	152.79 9.52 -50.87	135.98 8.94 -31.85
ARTHUR_KILL_3 23513	114.89 6.56 -31.14	115.52 5.97 -35.76	110.92 6.09 -30.59	108.27 5.83 -31.40	110.79 6.27 -28.06	125.04 8.53 -13.65	151.45 10.48 -8.31	170.45 11.63 -9.85	165.51 12.42 -6.95	158.07 11.53 -23.81	147.82 10.07 -24.54	139.98 8.43 -37.96	134.73 8.07 -37.92	135.03 7.48 -44.45	139.91 7.24 -51.30	164.14 9.91 -45.27	220.88 14.38 -56.77	270.95 17.26 -79.36	247.48 15.80 -75.21	208.76 14.36 -44.81	185.83 12.21 -36.40	172.60 9.73 -53.45	151.86 8.59 -50.87	134.92 7.90 -31.84

ARTHUR_KILL_COGEN 323718	116.06 7.72 -31.15	116.71 7.15 -35.77	112.04 7.20 -30.60	109.35 6.89 -31.41	111.87 7.34 -28.07	126.29 9.78 -13.66	152.65 11.68 -8.31	171.05 12.22 -9.85	165.67 12.57 -6.95	158.21 11.67 -23.82	148.06 10.30 -24.55	140.17 8.60 -37.97	134.83 8.16 -37.93	135.20 7.64 -44.46	140.08 7.40 -51.31	166.30 10.57 -46.78	228.42 15.28 -63.40	277.64 18.47 -84.85	251.62 16.90 -78.24	210.11 15.70 -44.82	186.79 13.17 -36.40	173.28 10.40 -53.47	153.06 9.79 -50.87	136.27 9.23 -31.85
ASHOKAN____ 23654	114.48 2.70 -34.59	116.01 2.51 -39.72	110.74 2.53 -33.98	108.13 2.20 -34.88	110.15 2.52 -31.17	121.93 3.91 -15.17	147.20 5.31 -9.22	164.07 4.17 -10.93	158.39 4.54 -7.70	142.42 3.07 -16.63	142.76 2.38 -27.18	137.03 1.69 -41.75	128.78 1.77 -38.26	131.86 1.50 -47.27	139.87 1.54 -56.96	153.67 2.29 -42.43	181.12 3.29 -28.09	230.28 5.41 -50.55	223.76 4.54 -62.74	203.23 3.88 -49.76	181.21 3.56 -40.44	171.85 3.06 -59.38	151.47 2.58 -56.49	132.64 2.09 -35.37
ASTORIA_EAST_ENERGY_CC1 323581	115.60 7.25 -31.15	116.34 6.78 -35.77	111.66 6.83 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.97 -13.66	151.59 10.62 -8.31	170.30 11.47 -9.85	165.66 12.57 -6.94	158.94 12.39 -23.82	148.62 10.87 -24.55	140.64 9.08 -37.97	136.18 8.79 -38.65	136.18 8.23 -44.85	140.40 7.73 -51.30	165.35 11.12 -45.28	222.36 15.86 -56.76	272.36 18.66 -79.37	248.44 16.75 -75.22	209.96 15.56 -44.81	186.23 12.62 -36.40	173.28 10.40 -53.47	152.70 9.43 -50.86	136.37 9.33 -31.85
ASTORIA_EAST_ENERGY_CC2 323582	115.60 7.25 -31.15	116.34 6.78 -35.77	111.74 6.91 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.97 -13.66	151.59 10.62 -8.31	170.30 11.47 -9.85	165.66 12.57 -6.94	158.94 12.39 -23.82	148.62 10.87 -24.55	140.74 9.18 -37.97	136.18 8.79 -38.65	136.18 8.23 -44.85	140.40 7.73 -51.30	165.35 11.12 -45.28	222.36 15.86 -56.76	272.36 18.66 -79.37	248.60 16.90 -75.22	209.96 15.56 -44.81	186.23 12.62 -36.40	173.28 10.40 -53.47	152.70 9.43 -50.86	136.37 9.33 -31.85
ASTORIA_GT2_1 24094	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT2_2 24095	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT2_3 24096	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT2_4 24097	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT3_1 24098	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT3_2 24099	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT3_3 24100	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT3_4 24101	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT4_1 24102	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT4_2 24103	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT4_3 24104	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85

ASTORIA_GT4_4 24105	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.98 -13.66	153.84 12.87 -8.31	172.98 14.15 -9.85	166.84 13.74 -6.95	159.31 12.76 -23.82	149.30 11.55 -24.55	141.20 9.64 -37.97	136.53 9.14 -38.65	136.43 8.48 -44.85	140.96 8.30 -51.30	165.02 10.79 -45.28	221.77 15.27 -56.76	271.48 17.78 -79.37	247.81 16.12 -75.22	209.52 15.11 -44.82	185.42 11.80 -36.41	172.73 9.85 -53.47	152.52 9.24 -50.87	136.55 9.52 -31.85
ASTORIA_GT_1 23523	115.76 7.41 -31.15	116.49 6.93 -35.77	111.81 6.98 -30.60	109.21 6.75 -31.41	111.72 7.19 -28.07	126.70 10.18 -13.66	151.86 10.88 -8.31	170.59 11.77 -9.85	165.95 12.86 -6.94	159.31 12.76 -23.82	148.86 11.10 -24.55	140.92 9.36 -37.97	136.35 8.96 -38.65	136.34 8.39 -44.85	140.56 7.89 -51.30	165.56 11.33 -45.28	222.82 16.32 -56.76	272.70 19.00 -79.37	248.91 17.21 -75.22	210.41 16.01 -44.81	186.51 12.89 -36.40	173.49 10.61 -53.47	152.88 9.61 -50.86	136.55 9.52 -31.85
ASTORIA_GT_10 24110	115.76 7.41 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.19 9.67 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 10.68 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.52 15.11 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.27 9.23 -31.85
ASTORIA_GT_11 24225	115.76 7.41 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.19 9.67 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 10.68 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.52 15.11 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.27 9.23 -31.85
ASTORIA_GT_12 24226	115.76 7.41 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.19 9.67 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 10.68 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.52 15.11 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.27 9.23 -31.85
ASTORIA_GT_13 24227	115.76 7.41 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.19 9.67 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 10.68 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.52 15.11 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.27 9.23 -31.85
ASTORIA_GT_5 24106	115.76 7.41 -31.15	116.49 6.94 -35.77	111.82 6.98 -30.60	109.21 6.75 -31.41	111.72 7.19 -28.07	126.70 10.18 -13.66	154.11 13.13 -8.31	173.28 14.45 -9.85	167.13 14.03 -6.95	159.55 13.01 -23.82	149.53 11.77 -24.55	141.30 9.73 -37.97	136.71 9.32 -38.65	136.59 8.64 -44.85	141.04 8.38 -51.30	165.24 11.00 -45.28	222.07 15.57 -56.76	271.83 18.13 -79.37	248.12 16.43 -75.22	209.97 15.56 -44.82	185.70 12.07 -36.41	172.94 10.07 -53.47	152.70 9.43 -50.87	136.65 9.61 -31.85
ASTORIA_GT_7 24107	115.76 7.41 -31.15	116.49 6.94 -35.77	111.82 6.98 -30.60	109.21 6.75 -31.41	111.72 7.19 -28.07	126.70 10.18 -13.66	154.11 13.13 -8.31	173.28 14.45 -9.85	167.13 14.03 -6.95	159.55 13.01 -23.82	149.53 11.77 -24.55	141.30 9.73 -37.97	136.71 9.32 -38.65	136.59 8.64 -44.85	141.04 8.38 -51.30	165.24 11.00 -45.28	222.07 15.57 -56.76	271.83 18.13 -79.37	248.12 16.43 -75.22	209.97 15.56 -44.82	185.70 12.07 -36.41	172.94 10.07 -53.47	152.70 9.43 -50.87	136.65 9.61 -31.85
ASTORIA_GT_8 24108	115.76 7.41 -31.15	116.49 6.94 -35.77	111.82 6.98 -30.60	109.21 6.75 -31.41	111.72 7.19 -28.07	126.70 10.18 -13.66	154.11 13.13 -8.31	173.28 14.45 -9.85	167.13 14.03 -6.95	159.55 13.01 -23.82	149.53 11.77 -24.55	141.30 9.73 -37.97	136.71 9.32 -38.65	136.59 8.64 -44.85	141.04 8.38 -51.30	165.24 11.00 -45.28	222.07 15.57 -56.76	271.83 18.13 -79.37	248.12 16.43 -75.22	209.97 15.56 -44.82	185.70 12.07 -36.41	172.94 10.07 -53.47	152.70 9.43 -50.87	136.65 9.61 -31.85
ASTORIA___2 24149	115.60 7.25 -31.15	116.34 6.78 -35.77	111.74 6.91 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.97 -13.66	151.59 10.62 -8.31	170.30 11.47 -9.85	165.66 12.57 -6.94	159.07 12.52 -23.82	148.62 10.87 -24.55	140.74 9.18 -37.97	136.18 8.79 -38.65	136.18 8.23 -44.85	140.40 7.73 -51.30	165.35 11.12 -45.28	222.53 16.03 -56.76	272.36 18.66 -79.37	248.60 16.90 -75.22	210.10 15.70 -44.81	186.23 12.62 -36.40	173.38 10.50 -53.47	152.70 9.43 -50.86	136.37 9.33 -31.85
ASTORIA___3 23516	115.76 7.41 -31.15	116.42 6.86 -35.77	111.81 6.98 -30.60	109.13 6.68 -31.41	111.64 7.11 -28.07	126.18 9.67 -13.66	152.65 11.68 -8.31	171.64 12.81 -9.85	166.53 13.44 -6.95	160.69 12.27 -25.69	148.74 10.98 -24.56	140.81 9.18 -38.04	136.19 8.79 -38.66	136.19 8.23 -44.86	140.57 7.89 -51.31	166.74 11.00 -46.78	229.00 15.86 -63.40	277.84 18.66 -84.85	251.62 16.90 -78.24	209.96 15.56 -44.82	187.08 13.45 -36.40	173.71 10.83 -53.47	152.79 9.52 -50.87	136.17 9.14 -31.85
ASTORIA___4 23517	115.76 7.41 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.19 9.67 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 10.68 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.52 15.11 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.27 9.23 -31.85
ASTORIA___5 23518	115.76 7.41 -31.15	116.42 6.86 -35.77	111.81 6.98 -30.60	109.13 6.68 -31.41	111.64 7.11 -28.07	126.18 9.67 -13.66	152.65 11.68 -8.31	171.64 12.81 -9.85	166.53 13.44 -6.95	160.69 12.27 -25.69	148.74 10.98 -24.56	140.81 9.18 -38.04	136.19 8.79 -38.66	136.19 8.23 -44.86	140.57 7.89 -51.31	166.74 11.00 -46.78	229.00 15.86 -63.40	277.84 18.66 -84.85	251.62 16.90 -78.24	209.96 15.56 -44.82	187.08 13.45 -36.40	173.71 10.83 -53.47	152.79 9.52 -50.87	136.17 9.14 -31.85
AST_ENERGY_2_CC3 323677	115.29 6.95 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.31 11.78 -23.80	148.28 10.53 -24.54	140.35 8.79 -37.96	135.18 8.52 -37.91	135.45 7.90 -44.45	140.24 7.57 -51.30	164.79 10.57 -45.27	221.61 15.12 -56.75	271.80 18.13 -79.35	248.10 16.43 -75.20	209.50 15.10 -44.81	186.51 12.89 -36.40	173.15 10.28 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
AST_ENERGY_2_CC4 323678	115.29 6.95 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.31 11.78 -23.80	148.28 10.53 -24.54	140.35 8.79 -37.96	135.18 8.52 -37.91	135.45 7.90 -44.45	140.24 7.57 -51.30	164.79 10.57 -45.27	221.61 15.12 -56.75	271.80 18.13 -79.35	248.10 16.43 -75.20	209.50 15.10 -44.81	186.51 12.89 -36.40	173.15 10.28 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84

ATHENS_STG_1 23668	115.82 4.09 -34.54	117.35 3.91 -39.66	112.17 4.01 -33.92	109.70 3.83 -34.82	111.63 4.05 -31.12	123.34 5.35 -15.14	148.63 6.76 -9.21	167.19 7.30 -10.91	161.29 7.45 -7.69	145.95 6.62 -16.60	146.22 5.88 -27.13	140.23 4.96 -41.69	131.73 4.79 -38.20	134.77 4.48 -47.19	142.55 4.31 -56.87	157.19 5.88 -42.36	186.01 8.23 -28.04	234.37 9.58 -50.46	227.87 8.76 -62.64	207.34 8.07 -49.68	184.85 7.27 -40.37	174.59 5.90 -59.28	153.97 5.17 -56.39	135.54 5.04 -35.31
ATHENS_STG_2 23670	115.82 4.09 -34.54	117.35 3.91 -39.66	112.17 4.01 -33.92	109.70 3.83 -34.82	111.63 4.05 -31.12	123.34 5.35 -15.14	148.63 6.76 -9.21	167.19 7.30 -10.91	161.29 7.45 -7.69	145.95 6.62 -16.60	146.22 5.88 -27.13	140.23 4.96 -41.69	131.73 4.79 -38.20	134.77 4.48 -47.19	142.55 4.31 -56.87	157.19 5.88 -42.36	186.01 8.23 -28.04	234.37 9.58 -50.46	227.87 8.76 -62.64	207.34 8.07 -49.68	184.85 7.27 -40.37	174.59 5.90 -59.28	153.97 5.17 -56.39	135.54 5.04 -35.31
ATHENS_STG_3 23677	115.82 4.09 -34.54	117.35 3.91 -39.66	112.17 4.01 -33.92	109.70 3.83 -34.82	111.63 4.05 -31.12	123.34 5.35 -15.14	148.63 6.76 -9.21	167.19 7.30 -10.91	161.29 7.45 -7.69	145.95 6.62 -16.60	146.22 5.88 -27.13	140.23 4.96 -41.69	131.73 4.79 -38.20	134.77 4.48 -47.19	142.55 4.31 -56.87	157.19 5.88 -42.36	186.01 8.23 -28.04	234.37 9.58 -50.46	227.87 8.76 -62.64	207.34 8.07 -49.68	184.85 7.27 -40.37	174.59 5.90 -59.28	153.97 5.17 -56.39	135.54 5.04 -35.31
AUBURN___LFGE 323710	82.03 0.85 -3.98	79.09 0.74 -4.57	78.89 0.74 -3.91	75.84 0.78 -4.02	80.89 0.84 -3.59	105.83 1.23 -1.75	135.58 1.86 -1.06	151.28 1.04 -1.26	148.06 1.02 -0.89	125.99 1.35 -1.91	117.46 1.13 -3.13	99.33 0.94 -4.81	93.96 0.89 -4.33	89.19 0.75 -5.34	88.54 0.73 -6.44	114.84 1.09 -4.80	155.01 2.10 -3.18	183.18 3.14 -5.71	167.01 3.44 -7.09	158.06 2.84 -5.62	143.71 1.92 -4.57	117.33 1.20 -6.71	99.51 0.74 -6.37	100.03 0.86 -3.99
BABYLON_RES_REC 323704	137.27 8.57 -51.51	129.91 7.97 -48.16	119.14 8.17 -36.74	110.11 7.68 -31.39	118.59 8.34 -33.80	127.62 11.11 -13.65	154.23 13.26 -8.30	173.57 14.75 -9.84	168.14 15.06 -6.94	151.56 13.26 -15.58	149.68 11.99 -24.48	148.24 10.48 -44.17	146.72 10.11 -47.86	147.63 9.47 -55.06	148.69 9.19 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	252.03 22.32 -55.38	238.45 20.03 -61.94	212.32 17.94 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.05 10.81 -50.84	146.58 10.66 -40.74
BABYLON__69_KV_BK2 356345	138.20 9.49 -51.51	130.86 8.93 -48.16	120.04 9.06 -36.74	111.03 8.60 -31.39	119.51 9.25 -33.80	128.85 12.34 -13.65	156.88 15.92 -8.30	176.25 17.43 -9.84	170.76 17.68 -6.93	154.26 15.95 -15.58	152.29 14.60 -24.48	149.84 12.07 -44.17	148.06 11.45 -47.87	148.88 10.72 -55.06	150.00 10.50 -58.13	160.70 13.07 -38.67	196.25 18.72 -27.79	251.50 21.79 -55.38	238.91 20.50 -61.94	213.07 18.70 -44.78	189.11 15.51 -36.39	175.10 12.25 -53.44	154.05 10.81 -50.84	147.92 11.99 -40.74
BALL_HILL_WT_PWR 323825	79.61 -2.78 -5.19	77.08 -2.65 -5.96	76.59 -2.75 -5.09	73.86 -2.42 -5.23	77.93 -3.21 -4.67	101.22 -3.91 -2.28	128.21 -5.83 -1.38	139.75 -10.87 -1.64	135.75 -11.55 -1.16	117.12 -8.10 -2.49	109.35 -7.93 -4.08	93.58 -6.27 -6.26	88.97 -5.50 -5.73	84.95 -5.23 -7.08	84.69 -5.21 -8.53	106.70 -8.61 -6.35	143.32 -10.63 -4.21	169.52 -12.37 -7.57	156.32 -9.55 -9.40	145.22 -11.82 -7.45	132.71 -10.56 -6.06	110.64 -7.66 -8.89	95.60 -5.26 -8.46	96.96 -3.52 -5.30
BARON_WINDS___WT_PWR 323822	83.58 -0.54 -6.92	81.29 -0.44 -7.95	80.60 -0.44 -6.80	77.68 -0.35 -6.98	82.01 -0.69 -6.24	105.17 -0.71 -3.04	133.44 -1.07 -1.85	147.00 -4.17 -2.19	143.01 -4.68 -1.54	122.99 -3.06 -3.33	115.59 -3.05 -5.44	99.51 -2.43 -8.36	94.37 -2.04 -7.67	90.58 -2.00 -9.47	90.92 -1.87 -11.42	114.29 -3.16 -8.50	152.22 -3.15 -5.63	181.32 -3.13 -10.13	167.33 -1.72 -12.57	155.83 -3.73 -9.97	142.02 -3.29 -8.10	118.90 -2.41 -11.90	102.15 -1.57 -11.32	101.70 -0.57 -7.09
BARRETT_IC_1 23704	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_10 23701	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_11 23702	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_12 23703	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_2 23705	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_3 23706	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_4 23707	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74

BARRETT_IC_5 23708	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_6 23709	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_7 23710	136.58 7.87 -51.51	129.24 7.30 -48.16	118.40 7.42 -36.74	109.47 7.03 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	154.10 13.13 -8.30	173.27 14.45 -9.84	167.84 14.76 -6.93	151.68 13.38 -15.58	149.91 12.23 -24.48	147.87 10.11 -44.17	146.28 9.67 -47.87	147.14 8.97 -55.06	148.21 8.71 -58.13	158.74 11.11 -38.67	193.25 15.72 -27.79	247.66 17.96 -55.38	235.16 16.74 -61.94	209.78 15.41 -44.78	186.64 13.04 -36.39	173.46 10.61 -53.44	152.57 9.33 -50.84	145.73 9.80 -40.74
BARRETT_IC_8 23711	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT_IC_9 23700	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT___1 23545	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BARRETT___2 23546	136.58 7.88 -51.51	129.24 7.31 -48.16	118.40 7.42 -36.74	109.47 7.04 -31.39	117.83 7.57 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.31	172.52 13.70 -9.84	167.12 14.03 -6.94	150.96 12.64 -15.59	149.01 11.32 -24.49	147.51 9.73 -44.18	146.02 9.40 -47.87	146.89 8.72 -55.07	147.97 8.46 -58.14	158.97 11.33 -38.68	194.16 16.62 -27.80	249.23 19.52 -55.38	235.94 17.52 -61.94	210.53 16.16 -44.78	187.74 14.14 -36.39	174.02 11.17 -53.45	153.23 9.98 -50.84	145.64 9.71 -40.74
BATAVIA__115KV_TB1 55881	79.93 -1.62 -4.35	77.01 -1.77 -5.00	76.59 -1.93 -4.28	73.80 -1.63 -4.39	78.32 -2.06 -3.92	102.50 -2.26 -1.91	129.45 -4.38 -1.16	140.82 -9.53 -1.38	137.62 -9.50 -0.97	118.19 -6.63 -2.09	109.83 -6.79 -3.42	93.61 -5.24 -5.26	88.77 -4.79 -4.82	84.48 -4.57 -5.95	84.07 -4.48 -7.18	107.11 -7.19 -5.34	145.04 -8.24 -3.54	172.15 -8.54 -6.37	157.65 -6.73 -7.90	148.98 -6.88 -6.27	134.35 -7.96 -5.09	110.76 -6.13 -7.48	95.35 -4.16 -7.10	96.77 -2.86 -4.45
BAYONEEC___CTG1 323682	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG10 323750	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG2 323683	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG3 323684	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG4 323685	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG5 323686	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG6 323687	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84

BAYONEEC___CTG7 323688	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG8 323689	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BAYONEEC___CTG9 323749	115.20 6.87 -31.14	115.89 6.35 -35.76	111.28 6.46 -30.59	108.56 6.11 -31.40	111.10 6.58 -28.06	125.45 8.94 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.85	165.96 12.86 -6.95	158.32 11.78 -23.81	148.15 10.41 -24.54	140.26 8.71 -37.96	135.09 8.44 -37.92	135.36 7.81 -44.45	140.15 7.48 -51.30	164.69 10.46 -45.27	221.62 15.12 -56.77	271.65 17.96 -79.36	248.11 16.43 -75.21	209.36 14.96 -44.81	186.38 12.76 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.87	135.40 8.38 -31.84
BEACON___LESR 323632	119.68 4.09 -38.40	121.78 3.91 -44.09	115.88 3.93 -37.71	113.45 3.69 -38.71	115.03 3.97 -34.59	125.24 5.55 -16.83	150.19 7.29 -10.24	168.70 7.59 -12.13	162.44 7.74 -8.55	147.68 6.50 -18.46	149.37 6.00 -30.17	144.80 4.86 -46.34	135.83 4.61 -42.47	139.88 4.32 -52.46	148.91 4.31 -63.23	161.17 5.12 -47.09	188.25 7.34 -31.18	239.14 8.71 -56.11	234.10 7.98 -69.65	212.15 7.33 -55.23	188.96 6.86 -44.88	180.79 5.47 -65.91	159.54 4.44 -62.70	139.01 4.57 -39.26
BEAVER RIVER___HYD 24048	77.02 -1.24 -1.06	73.75 -1.25 -1.22	74.02 -1.26 -1.04	70.98 -1.14 -1.07	76.58 -0.84 -0.96	102.60 -0.71 -0.47	133.08 0.13 -0.28	150.50 1.19 -0.34	147.26 0.88 -0.24	123.73 0.49 -0.51	114.72 0.68 -0.83	95.44 0.56 -1.28	90.01 -0.09 -1.35	84.77 0.00 -1.67	83.38 0.00 -2.01	110.89 0.44 -1.50	151.48 0.75 -0.99	178.37 2.26 -1.78	160.41 1.72 -2.21	152.25 0.90 -1.76	139.06 0.41 -1.43	111.62 0.11 -2.10	94.12 -0.28 -1.99	95.96 -0.47 -1.25
BEEBEE_GT_13 23619	80.10 -0.85 -3.75	77.13 -0.96 -4.31	76.81 -1.11 -3.69	73.98 -0.85 -3.79	78.70 -1.15 -3.38	103.27 -1.23 -1.65	131.01 -2.65 -1.00	144.50 -5.66 -1.19	141.43 -5.55 -0.84	120.97 -3.56 -1.80	112.53 -3.62 -2.95	95.41 -2.71 -4.53	90.41 -2.48 -4.15	85.82 -2.41 -5.13	85.19 -2.36 -6.18	109.42 -4.14 -4.60	148.14 -4.53 -3.05	175.28 -3.44 -5.48	159.84 -3.74 -6.81	151.25 -4.07 -5.40	137.07 -4.53 -4.39	112.35 -3.50 -6.44	96.12 -2.40 -6.12	97.30 -1.71 -3.83
BENSHRST_27_KV_BENSHRST_1 355998	116.53 8.18 -31.15	117.08 7.53 -35.77	112.41 7.57 -30.60	109.63 7.18 -31.41	112.25 7.72 -28.07	126.91 10.39 -13.66	154.51 13.53 -8.31	173.72 14.90 -9.85	168.00 14.91 -6.95	161.80 13.38 -25.69	149.88 12.11 -24.56	141.65 10.01 -38.04	136.90 9.50 -38.66	136.85 8.89 -44.86	141.30 8.63 -51.31	167.29 11.55 -46.78	229.61 16.47 -63.40	278.70 19.52 -84.85	252.71 17.99 -78.25	211.46 17.05 -44.82	187.48 13.86 -36.41	174.15 11.27 -53.47	153.44 10.16 -50.87	137.03 9.99 -31.85
BETHLEHEM___GRP 23843	118.33 2.70 -38.43	120.50 2.58 -44.13	114.51 2.52 -37.75	112.21 2.42 -38.75	113.69 2.60 -34.63	123.20 3.50 -16.85	146.49 3.58 -10.25	164.55 3.43 -12.14	158.36 3.65 -8.56	144.27 3.07 -18.48	146.11 2.72 -30.20	142.32 2.34 -46.39	133.49 2.22 -42.53	137.71 2.08 -52.53	146.71 2.03 -63.31	158.72 2.61 -47.15	184.70 3.74 -31.22	234.86 4.36 -56.18	230.27 4.07 -69.73	208.63 3.74 -55.30	185.58 3.43 -44.94	178.13 2.74 -65.99	157.49 2.31 -62.77	136.87 2.38 -39.31
BETHLEHEM___GS1 323560	118.33 2.70 -38.43	120.49 2.58 -44.13	114.51 2.53 -37.75	112.21 2.42 -38.75	113.69 2.60 -34.63	123.20 3.50 -16.85	147.42 4.51 -10.25	165.74 4.62 -12.14	159.38 4.68 -8.56	145.25 4.04 -18.48	147.13 3.73 -30.20	143.06 3.08 -46.39	134.19 2.92 -42.52	138.37 2.74 -52.53	147.44 2.77 -63.30	158.94 2.83 -47.15	184.70 3.74 -31.22	235.02 4.52 -56.18	230.27 4.06 -69.73	208.63 3.74 -55.30	185.71 3.56 -44.94	178.24 2.84 -65.99	157.58 2.40 -62.77	136.96 2.47 -39.31
BETHLEHEM___GS2 323561	118.33 2.70 -38.43	120.49 2.58 -44.13	114.51 2.53 -37.75	112.21 2.42 -38.75	113.69 2.60 -34.63	123.20 3.50 -16.85	147.42 4.51 -10.25	165.74 4.62 -12.14	159.38 4.68 -8.56	145.25 4.04 -18.48	147.13 3.73 -30.20	143.06 3.08 -46.39	134.19 2.92 -42.52	138.37 2.74 -52.53	147.44 2.77 -63.30	158.94 2.83 -47.15	184.70 3.74 -31.22	235.02 4.52 -56.18	230.27 4.06 -69.73	208.63 3.74 -55.30	185.71 3.56 -44.94	178.24 2.84 -65.99	157.58 2.40 -62.77	136.96 2.47 -39.31
BETHLEHEM___GS3 323562	118.33 2.70 -38.43	120.49 2.58 -44.13	114.51 2.53 -37.75	112.21 2.42 -38.75	113.69 2.60 -34.63	123.20 3.50 -16.85	147.42 4.51 -10.25	165.74 4.62 -12.14	159.38 4.68 -8.56	145.25 4.04 -18.48	147.13 3.73 -30.20	143.06 3.08 -46.39	134.19 2.92 -42.52	138.37 2.74 -52.53	147.44 2.77 -63.30	158.94 2.83 -47.15	184.70 3.74 -31.22	235.02 4.52 -56.18	230.27 4.06 -69.73	208.63 3.74 -55.30	185.71 3.56 -44.94	178.24 2.84 -65.99	157.58 2.40 -62.77	136.96 2.47 -39.31
BETHLEHEM___STEEL 23779	79.14 -3.09 -5.03	76.61 -2.95 -5.78	76.06 -3.12 -4.94	73.28 -2.84 -5.07	77.48 -3.52 -4.53	100.74 -4.32 -2.21	126.58 -7.43 -1.34	137.46 -13.11 -1.59	134.26 -13.01 -1.12	115.70 -9.45 -2.42	107.65 -9.51 -3.96	92.55 -7.11 -6.08	88.02 -6.30 -5.57	83.92 -6.07 -6.89	83.65 -6.02 -8.30	105.88 -9.26 -6.18	142.30 -11.53 -4.09	168.61 -13.07 -7.36	155.29 -10.33 -9.14	146.37 -10.47 -7.25	131.99 -11.11 -5.89	109.75 -8.32 -8.65	94.98 -5.64 -8.22	96.24 -4.09 -5.15
BETHLHEM_115KV_TB1 79974	118.38 2.78 -38.41	120.54 2.66 -44.11	114.64 2.67 -37.72	112.33 2.56 -38.73	113.82 2.75 -34.61	123.40 3.70 -16.84	146.88 3.98 -10.24	164.99 3.87 -12.14	158.65 3.95 -8.55	144.63 3.44 -18.46	146.44 3.06 -30.18	142.48 2.53 -46.36	133.73 2.48 -42.50	137.92 2.33 -52.49	146.91 2.28 -63.26	159.02 2.94 -47.12	185.13 4.19 -31.20	235.34 4.88 -56.14	230.70 4.54 -69.69	209.04 4.19 -55.26	185.97 3.84 -44.91	178.42 3.06 -65.95	157.72 2.59 -62.73	137.13 2.67 -39.28
BETHPAGE_CC_5 323564	137.12 8.42 -51.51	129.75 7.82 -48.16	118.93 7.95 -36.74	109.97 7.53 -31.39	118.36 8.10 -33.80	127.40 10.90 -13.65	153.97 13.01 -8.30	173.42 14.61 -9.84	168.00 14.91 -6.94	151.56 13.26 -15.58	149.57 11.88 -24.48	148.15 10.39 -44.17	146.63 10.02 -47.87	147.47 9.31 -55.06	148.53 9.03 -58.13	159.61 11.99 -38.67	195.49 17.96 -27.79	251.32 21.61 -55.38	237.81 19.40 -61.94	212.02 17.64 -44.78	188.84 15.23 -36.39	174.78 11.93 -53.44	153.86 10.62 -50.84	146.30 10.38 -40.74
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	79.12 -3.16 -5.09	76.60 -3.02 -5.85	76.05 -3.19 -5.00	73.27 -2.91 -5.13	77.45 -3.59 -4.59	100.66 -4.42 -2.23	126.59 -7.43 -1.36	137.48 -13.11 -1.61	134.27 -13.01 -1.13	115.72 -9.45 -2.45	107.81 -9.40 -4.00	92.63 -7.11 -6.15	88.08 -6.30 -5.64	84.00 -6.07 -6.97	83.74 -6.02 -8.40	106.06 -9.15 -6.25	142.35 -11.53 -4.14	168.87 -12.90 -7.45	155.55 -10.17 -9.25	146.60 -10.32 -7.33	132.20 -10.98 -5.96	109.85 -8.32 -8.75	95.08 -5.64 -8.31	96.20 -4.19 -5.21

BINGHAMTON___COGEN 23790	88.52 1.16 -10.17	86.64 1.18 -11.68	85.41 1.19 -9.99	82.44 1.14 -10.25	86.77 1.15 -9.16	108.75 1.44 -4.46	137.36 1.99 -2.71	153.23 1.04 -3.21	149.43 1.02 -2.26	128.96 1.35 -4.89	122.21 1.02 -7.99	106.80 0.94 -12.27	100.98 0.98 -11.26	97.93 0.91 -13.91	98.95 0.81 -16.77	122.43 0.98 -12.49	159.80 1.80 -8.27	191.82 2.61 -14.88	177.92 2.97 -18.47	166.63 2.39 -14.65	150.77 1.65 -11.90	128.31 1.42 -17.48	110.23 1.20 -16.62	107.21 1.62 -10.41
BIXINCNT_115KV_LOAD 355685	78.86 -3.71 -5.37	76.48 -3.47 -6.16	75.95 -3.56 -5.27	73.05 -3.41 -5.41	77.32 -3.98 -4.84	100.27 -4.94 -2.35	126.53 -7.56 -1.43	137.86 -12.81 -1.70	134.63 -12.71 -1.20	116.10 -9.20 -2.58	108.25 -9.17 -4.22	93.33 -6.74 -6.48	88.48 -6.21 -5.95	84.30 -6.15 -7.35	84.44 -5.78 -8.85	106.83 -8.72 -6.59	143.92 -10.18 -4.37	170.85 -11.33 -7.86	157.46 -8.76 -9.75	148.20 -9.13 -7.73	133.48 -10.02 -6.28	111.20 -7.44 -9.23	96.10 -5.08 -8.78	97.16 -3.52 -5.50
BLACK RIVER___HYD 24047	78.13 -0.46 -1.40	74.72 -0.67 -1.60	75.09 -0.52 -1.37	72.03 -0.42 -1.41	77.72 0.00 -1.26	104.09 0.62 -0.61	135.43 2.39 -0.37	152.69 3.27 -0.44	149.23 2.77 -0.31	125.72 2.33 -0.67	116.68 2.38 -1.10	97.33 2.06 -1.69	91.45 0.89 -1.82	86.36 1.00 -2.25	85.06 0.98 -2.72	112.83 1.85 -2.02	154.07 2.99 -1.34	181.61 4.87 -2.41	163.84 4.38 -2.99	154.95 2.99 -2.37	141.33 2.19 -1.93	113.66 1.42 -2.83	95.75 0.65 -2.69	97.25 0.38 -1.69
BLACKRVR_115KV_TB2 79977	78.13 -0.46 -1.40	74.72 -0.66 -1.60	75.09 -0.52 -1.37	72.03 -0.43 -1.41	77.72 0.00 -1.26	104.08 0.62 -0.61	135.42 2.39 -0.37	152.70 3.28 -0.44	149.23 2.78 -0.31	125.73 2.33 -0.67	116.56 2.26 -1.10	97.24 1.97 -1.69	91.11 0.80 -1.57	86.03 1.00 -1.94	84.60 0.90 -2.33	112.55 1.85 -1.74	153.88 2.99 -1.15	181.28 4.88 -2.07	163.43 4.38 -2.57	154.92 3.29 -2.04	141.07 2.20 -1.66	113.37 1.53 -2.43	95.74 0.65 -2.69	97.25 0.38 -1.69
BLISS_WT_PWR 323608	78.63 -3.93 -5.37	76.33 -3.61 -6.16	75.73 -3.78 -5.27	72.84 -3.62 -5.41	77.09 -4.21 -4.84	99.97 -5.24 -2.35	126.80 -7.30 -1.43	138.46 -12.21 -1.70	134.77 -12.57 -1.20	116.35 -8.95 -2.58	108.81 -8.61 -4.22	93.52 -6.55 -6.48	88.57 -6.12 -5.95	84.46 -5.98 -7.35	84.69 -5.54 -8.85	106.83 -8.72 -6.59	143.92 -10.19 -4.37	170.67 -11.51 -7.86	157.15 -9.08 -9.75	145.95 -11.38 -7.73	133.21 -10.29 -6.28	111.09 -7.55 -9.23	95.92 -5.26 -8.78	97.16 -3.52 -5.50
BLUESTONE___WT_PWR 323821	94.52 6.33 -11.00	92.39 5.97 -12.63	90.98 5.94 -10.80	87.97 5.83 -11.09	92.71 6.34 -9.91	116.62 8.94 -4.82	148.46 12.86 -2.93	166.15 13.70 -3.48	162.03 13.44 -2.45	140.17 12.15 -5.29	132.95 11.10 -8.64	116.14 9.27 -13.28	109.73 8.79 -12.20	106.40 8.23 -15.07	107.42 7.89 -18.16	133.27 10.79 -13.52	174.26 15.57 -8.95	209.61 19.18 -16.11	194.46 17.99 -20.00	181.01 15.56 -15.86	164.11 14.00 -12.89	139.72 11.38 -18.93	119.56 9.15 -18.01	115.79 9.33 -11.27
BLUE_CIRC_CHEM_DRP 24182	118.38 3.40 -37.79	120.42 3.25 -43.40	114.62 3.27 -37.12	112.28 3.13 -38.10	113.80 3.29 -34.05	123.85 4.42 -16.57	148.05 5.31 -10.08	166.13 5.21 -11.94	159.82 5.26 -8.42	145.31 4.42 -18.17	146.86 3.96 -29.69	142.58 3.37 -45.62	133.83 3.28 -41.81	137.73 2.99 -51.64	146.62 3.01 -62.24	159.23 3.92 -46.36	185.67 5.24 -30.69	235.65 6.10 -55.23	230.66 5.63 -68.55	209.34 5.39 -54.36	186.33 4.94 -44.18	178.44 4.16 -64.87	157.63 3.51 -61.71	137.54 3.71 -38.64
BOC_GAS_DRP 24189	118.40 2.93 -38.27	120.53 2.80 -43.95	114.65 2.82 -37.59	112.34 2.70 -38.59	113.85 2.91 -34.48	123.44 3.81 -16.78	147.51 4.64 -10.20	165.84 4.77 -12.09	159.64 4.97 -8.52	145.30 4.17 -18.40	147.12 3.85 -30.07	143.06 3.28 -46.20	134.19 3.11 -42.34	138.31 2.91 -52.30	147.25 2.85 -63.03	159.61 3.70 -46.95	185.91 5.09 -31.08	236.18 5.93 -55.93	231.38 5.48 -69.43	209.74 5.09 -55.06	186.62 4.67 -44.74	178.83 3.72 -65.70	158.14 3.23 -62.50	137.65 3.33 -39.14
BOONVILLE_115KV_TB1 79983	80.07 1.85 -1.02	76.65 1.70 -1.17	76.95 1.71 -1.00	73.78 1.71 -1.03	79.45 2.06 -0.92	106.39 3.09 -0.45	137.58 4.64 -0.27	154.81 5.51 -0.32	151.78 5.41 -0.23	128.00 4.79 -0.49	118.53 4.53 -0.80	98.66 3.84 -1.23	93.30 3.37 -1.18	87.80 3.24 -1.46	86.22 3.09 -1.76	114.52 4.25 -1.31	156.75 6.14 -0.87	183.56 7.67 -1.56	165.46 7.04 -1.94	157.27 6.13 -1.54	143.68 5.21 -1.25	115.41 4.16 -1.84	97.47 3.23 -1.83	99.56 3.24 -1.15
BORALEX_4TH_BRANCH 23824	120.63 5.09 -38.34	122.53 4.72 -44.03	116.57 4.68 -37.66	114.32 4.62 -38.66	115.97 4.97 -34.54	126.66 6.99 -16.81	151.77 8.89 -10.22	170.92 9.83 -12.11	164.18 9.50 -8.54	148.77 7.61 -18.43	150.57 7.24 -30.12	146.04 6.18 -46.28	136.91 5.77 -42.40	141.05 5.57 -52.38	150.02 5.53 -63.12	163.05 7.08 -47.02	190.60 9.73 -31.13	241.84 11.51 -56.01	236.49 10.48 -69.53	214.60 9.87 -55.14	191.22 9.19 -44.81	182.43 7.22 -65.80	161.19 6.19 -62.59	141.23 6.85 -39.19
BOWLINE___1 23526	113.28 5.86 -30.22	113.95 5.46 -34.71	109.50 5.57 -29.69	106.78 5.26 -30.47	109.27 5.58 -27.23	123.61 7.50 -13.25	150.14 9.42 -8.06	168.95 10.42 -9.55	163.69 10.81 -6.73	147.44 9.82 -14.89	145.67 8.72 -23.75	137.29 7.21 -36.50	129.33 7.01 -33.57	130.96 6.49 -41.37	137.32 6.18 -49.77	154.92 8.61 -37.36	188.34 12.58 -26.03	239.51 15.16 -50.03	228.31 13.77 -58.06	205.63 12.57 -43.47	183.38 10.84 -35.33	169.93 8.64 -51.88	149.42 7.67 -49.35	133.32 7.23 -30.90
BOWLINE___2 23595	113.28 5.86 -30.23	113.95 5.46 -34.71	109.50 5.57 -29.69	106.78 5.26 -30.48	109.27 5.58 -27.23	123.61 7.50 -13.25	150.14 9.42 -8.06	168.95 10.42 -9.55	163.69 10.81 -6.73	147.44 9.82 -14.89	145.67 8.72 -23.75	137.39 7.30 -36.50	129.33 7.01 -33.58	130.96 6.49 -41.38	137.32 6.18 -49.77	154.92 8.61 -37.36	188.35 12.58 -26.03	239.52 15.16 -50.04	228.32 13.77 -58.07	205.64 12.57 -43.48	183.38 10.84 -35.33	169.93 8.64 -51.88	149.42 7.67 -49.36	133.32 7.23 -30.91
BRADY___115KV_TB2 356060	73.49 -3.71 0.00	70.31 -3.47 0.00	70.75 -3.49 0.00	67.64 -3.41 0.00	73.02 -3.44 0.00	98.33 -4.53 0.00	126.83 -5.84 0.00	145.85 -3.13 0.00	142.93 -3.22 0.00	117.57 -5.15 0.00	109.01 -4.19 0.00	90.31 -3.28 0.00	85.37 -3.37 0.00	80.03 -3.07 0.00	78.36 -3.01 0.00	105.36 -3.60 0.00	143.75 -5.99 0.00	169.27 -5.06 0.00	149.59 -6.88 0.00	143.31 -6.28 0.00	131.86 -5.35 0.00	105.14 -4.27 0.00	88.80 -3.60 0.00	91.37 -3.81 0.00
BRANSCOMB___SOLAR 323811	121.87 5.25 -39.42	124.07 5.02 -45.27	117.94 4.97 -38.72	115.56 4.76 -39.75	117.03 5.05 -35.52	127.14 7.00 -17.29	152.73 9.56 -10.51	171.71 10.27 -12.46	164.87 9.94 -8.78	149.90 8.22 -18.95	151.88 7.70 -30.97	147.45 6.27 -47.59	138.29 5.95 -43.60	142.53 5.57 -53.86	151.73 5.45 -64.91	163.62 6.32 -48.35	190.28 8.53 -32.01	242.38 10.46 -57.60	237.52 9.55 -71.50	214.97 8.67 -56.70	191.39 8.09 -46.08	183.53 6.45 -67.66	162.04 5.26 -64.37	141.87 6.38 -40.31
BRENTWOD_69_KV_W. BRTWOOD 56703	137.89 9.19 -51.51	130.57 8.63 -48.16	119.74 8.76 -36.74	110.75 8.31 -31.39	119.20 8.95 -33.80	128.44 11.93 -13.65	155.96 14.99 -8.30	175.20 16.39 -9.84	169.59 16.51 -6.93	153.52 15.22 -15.58	151.61 13.92 -24.48	149.28 11.51 -44.17	147.61 11.00 -47.87	148.38 10.22 -55.06	149.51 10.01 -58.13	159.94 12.31 -38.67	195.05 17.52 -27.79	249.93 20.22 -55.38	237.50 19.09 -61.94	211.58 17.20 -44.78	188.01 14.41 -36.39	174.23 11.38 -53.44	153.40 10.16 -50.84	147.44 11.52 -40.74

BRISTLHL_115KV_TB1 79998	78.86 -0.85 -2.52	75.86 -0.81 -2.89	75.82 -0.89 -2.47	72.80 -0.78 -2.54	77.81 -0.92 -2.27	102.52 -1.44 -1.10	131.48 -1.86 -0.67	147.09 -2.68 -0.80	144.22 -2.48 -0.56	122.22 -1.72 -1.21	113.60 -1.58 -1.98	95.41 -1.22 -3.04	90.46 -1.06 -2.78	85.54 -1.00 -3.44	84.54 -0.98 -4.14	110.73 -1.31 -3.09	150.13 -1.65 -2.04	176.61 -1.39 -3.68	160.25 -0.78 -4.56	152.01 -1.20 -3.62	138.65 -1.51 -2.94	112.42 -1.31 -4.32	95.28 -1.20 -4.07	96.50 -1.24 -2.55
BROOKHAVEN___DRP 24191	137.97 9.26 -51.51	130.57 8.63 -48.16	119.96 8.98 -36.74	111.11 8.67 -31.39	119.59 9.33 -33.80	128.54 12.03 -13.65	156.09 15.12 -8.30	175.20 16.39 -9.84	169.89 16.81 -6.93	153.77 15.46 -15.58	151.72 14.04 -24.48	149.65 11.89 -44.17	147.88 11.27 -47.87	148.63 10.47 -55.06	149.83 10.33 -58.13	160.05 12.42 -38.67	194.75 17.22 -27.79	248.36 18.65 -55.38	236.88 18.46 -61.94	211.13 16.75 -44.78	187.74 14.13 -36.39	173.79 10.94 -53.44	153.50 10.26 -50.84	147.73 11.80 -40.74
BROOKLYN_NAVY_YARD 23515	115.36 7.02 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.12 11.15 -8.31	171.18 12.36 -9.85	166.25 13.16 -6.95	158.69 12.15 -23.81	148.38 10.64 -24.54	140.45 8.90 -37.96	135.26 8.61 -37.92	135.53 7.98 -44.45	140.31 7.65 -51.30	164.91 10.68 -45.27	221.93 15.43 -56.77	272.16 18.47 -79.36	248.43 16.75 -75.21	209.81 15.41 -44.81	186.79 13.17 -36.40	173.27 10.40 -53.46	152.42 9.15 -50.87	135.49 8.47 -31.84
BROOKLYN___ARMY_DRP 323595	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
BROOKVLE_69_KV_TB1 55790	137.12 8.41 -51.51	129.76 7.82 -48.16	118.85 7.87 -36.74	109.97 7.53 -31.39	118.29 8.03 -33.80	127.41 10.90 -13.65	155.29 14.33 -8.30	174.61 15.79 -9.84	169.30 16.22 -6.93	153.03 14.73 -15.58	151.04 13.36 -24.48	148.81 11.04 -44.17	147.17 10.56 -47.87	147.97 9.81 -55.06	148.94 9.44 -58.13	159.72 12.09 -38.67	194.90 17.37 -27.79	250.10 20.40 -55.38	237.19 18.78 -61.94	211.73 17.35 -44.78	188.01 14.41 -36.39	174.34 11.49 -53.44	153.22 9.98 -50.84	146.49 10.57 -40.74
BROOME_2_LFGE 323671	88.52 1.16 -10.17	86.63 1.18 -11.68	85.41 1.18 -9.99	82.43 1.13 -10.25	86.77 1.15 -9.16	108.75 1.44 -4.46	137.37 1.99 -2.71	153.38 1.19 -3.21	149.44 1.03 -2.26	128.97 1.35 -4.89	122.21 1.02 -7.99	106.80 0.94 -12.27	100.98 0.98 -11.26	97.93 0.92 -13.91	99.03 0.90 -16.76	122.53 1.09 -12.48	159.94 1.94 -8.27	191.82 2.62 -14.87	177.90 2.97 -18.46	166.04 1.80 -14.64	150.77 1.65 -11.90	128.30 1.42 -17.47	110.22 1.20 -16.62	107.21 1.62 -10.41
BROOME___LFGE 323600	88.52 1.16 -10.17	86.63 1.18 -11.68	85.41 1.18 -9.99	82.43 1.13 -10.25	86.77 1.15 -9.16	108.75 1.44 -4.46	137.37 1.99 -2.71	153.38 1.19 -3.21	149.44 1.03 -2.26	128.97 1.35 -4.89	122.21 1.02 -7.99	106.80 0.94 -12.27	100.98 0.98 -11.26	97.93 0.92 -13.91	99.03 0.90 -16.76	122.53 1.09 -12.48	159.94 1.94 -8.27	191.82 2.62 -14.87	177.90 2.97 -18.46	166.04 1.80 -14.64	150.77 1.65 -11.90	128.30 1.42 -17.47	110.22 1.20 -16.62	107.21 1.62 -10.41
BROWNFLS_115KV_TB_3_5 80003	74.31 -3.63 -0.75	71.17 -3.47 -0.86	71.56 -3.41 -0.73	68.46 -3.34 -0.75	73.92 -3.21 -0.67	99.07 -4.11 -0.33	128.09 -4.78 -0.20	145.94 -3.28 -0.24	142.95 -3.36 -0.17	118.91 -4.17 -0.36	110.39 -3.40 -0.59	91.78 -2.71 -0.90	86.57 -3.02 -0.84	81.40 -2.74 -1.04	79.86 -2.77 -1.25	106.73 -3.16 -0.93	145.56 -4.79 -0.62	171.60 -3.84 -1.11	153.16 -4.69 -1.38	145.90 -4.79 -1.09	133.58 -4.53 -0.89	107.00 -3.72 -1.31	90.56 -3.23 -1.39	92.53 -3.52 -0.87
BROWNSV1_27_KV_LOAD 356125	115.90 7.56 -31.14	116.48 6.94 -35.76	111.88 7.05 -30.59	109.13 6.68 -31.40	111.71 7.19 -28.06	126.28 9.77 -13.65	153.84 12.87 -8.31	173.13 14.30 -9.85	167.86 14.76 -6.95	159.79 13.25 -23.81	149.86 12.11 -24.54	141.57 10.01 -37.96	136.16 9.50 -37.92	136.36 8.81 -44.45	141.13 8.46 -51.30	165.56 11.33 -45.27	222.68 16.17 -56.77	273.04 19.35 -79.36	249.52 17.84 -75.21	210.86 16.46 -44.81	187.20 13.58 -36.40	173.92 11.05 -53.46	152.88 9.61 -50.87	136.35 9.33 -31.84
BURROWS___LYONSDAL 23803	79.46 1.24 -1.03	76.07 1.11 -1.18	76.44 1.19 -1.01	73.22 1.14 -1.04	78.92 1.53 -0.93	105.67 2.37 -0.45	136.79 3.85 -0.27	153.92 4.62 -0.33	150.91 4.53 -0.23	127.27 4.05 -0.50	117.75 3.74 -0.81	98.02 3.18 -1.24	92.59 2.66 -1.19	87.14 2.58 -1.47	85.66 2.52 -1.77	113.87 3.60 -1.32	155.70 5.09 -0.87	182.69 6.80 -1.57	164.52 6.10 -1.95	156.37 5.24 -1.55	142.86 4.39 -1.26	114.65 3.39 -1.84	96.85 2.59 -1.86	98.82 2.47 -1.17
CAITHNESS_CC_1 323624	137.66 8.95 -51.51	130.34 8.41 -48.16	119.66 8.68 -36.74	110.82 8.38 -31.39	119.20 8.94 -33.80	128.12 11.62 -13.65	154.50 13.54 -8.30	173.71 14.90 -9.84	168.14 15.06 -6.94	151.80 13.50 -15.58	149.92 12.23 -24.48	148.80 11.04 -44.17	147.25 10.64 -47.86	148.13 9.97 -55.06	149.10 9.60 -58.13	160.15 12.52 -38.67	196.24 18.72 -27.79	252.36 22.65 -55.38	238.61 20.19 -61.94	212.47 18.09 -44.78	189.65 16.05 -36.39	175.10 12.25 -53.44	154.51 11.27 -50.84	147.25 11.32 -40.74
CALPINE BETH_PAGE_GT4 24209	137.04 8.34 -51.51	129.76 7.82 -48.16	118.92 7.94 -36.74	109.97 7.53 -31.39	118.29 8.03 -33.80	127.41 10.90 -13.65	154.89 13.93 -8.30	174.16 15.34 -9.84	168.86 15.78 -6.93	152.66 14.36 -15.58	150.70 13.02 -24.48	148.53 10.76 -44.17	146.90 10.29 -47.87	147.72 9.56 -55.06	148.78 9.28 -58.13	159.29 11.66 -38.67	194.30 16.77 -27.79	249.41 19.70 -55.38	236.72 18.31 -61.94	211.13 16.75 -44.78	187.47 13.86 -36.39	174.01 11.16 -53.44	152.94 9.70 -50.84	146.40 10.47 -40.74
CALPINE_BETH_PAGE_GT_4 323586	137.04 8.34 -51.51	129.75 7.82 -48.16	118.93 7.95 -36.74	109.97 7.53 -31.39	118.28 8.03 -33.80	127.40 10.90 -13.65	153.97 13.01 -8.30	173.42 14.61 -9.84	168.14 15.06 -6.94	151.56 13.26 -15.58	149.57 11.88 -24.48	148.15 10.39 -44.17	146.63 10.02 -47.87	147.47 9.31 -55.06	148.45 8.95 -58.13	159.62 11.99 -38.67	195.49 17.96 -27.79	251.32 21.61 -55.38	237.81 19.40 -61.94	212.02 17.64 -44.78	188.84 15.23 -36.39	174.78 11.93 -53.44	153.86 10.62 -50.84	146.30 10.38 -40.74
CALPINE_BP_GT1 23823	137.04 8.34 -51.51	129.75 7.82 -48.16	118.93 7.95 -36.74	109.97 7.53 -31.39	118.28 8.03 -33.80	127.40 10.90 -13.65	153.97 13.01 -8.30	173.42 14.61 -9.84	168.14 15.06 -6.94	151.56 13.26 -15.58	149.57 11.88 -24.48	148.15 10.39 -44.17	146.63 10.02 -47.87	147.47 9.31 -55.06	148.45 8.95 -58.13	159.62 11.99 -38.67	195.49 17.96 -27.79	251.32 21.61 -55.38	237.81 19.40 -61.94	212.02 17.64 -44.78	188.84 15.23 -36.39	174.78 11.93 -53.44	153.86 10.62 -50.84	146.30 10.38 -40.74
CALSPAN___DRP 24200	79.14 -3.09 -5.03	76.61 -2.95 -5.78	76.06 -3.12 -4.94	73.28 -2.84 -5.07	77.48 -3.52 -4.53	100.74 -4.32 -2.21	126.58 -7.43 -1.34	137.46 -13.11 -1.59	134.26 -13.01 -1.12	115.70 -9.45 -2.42	107.65 -9.51 -3.96	92.55 -7.11 -6.08	88.02 -6.30 -5.57	83.92 -6.07 -6.89	83.65 -6.02 -8.30	105.88 -9.26 -6.18	142.30 -11.53 -4.09	168.61 -13.07 -7.36	155.29 -10.33 -9.14	146.37 -10.47 -7.25	131.99 -11.11 -5.89	109.75 -8.32 -8.65	94.98 -5.64 -8.22	96.24 -4.09 -5.15

CALVERTON___SOLAR 323806	138.28 9.57 -51.51	130.93 9.00 -48.16	120.33 9.35 -36.74	111.46 9.02 -31.39	119.97 9.71 -33.80	129.05 12.54 -13.65	155.69 14.72 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	152.78 14.47 -15.58	150.92 13.24 -24.48	149.75 11.98 -44.17	148.06 11.45 -47.86	148.89 10.72 -55.06	149.75 10.25 -58.13	161.14 13.51 -38.67	197.74 20.21 -27.79	253.93 24.22 -55.38	240.16 21.74 -61.94	213.81 19.44 -44.78	191.03 17.43 -36.39	176.19 13.34 -53.44	155.34 12.10 -50.84	148.29 12.37 -40.74
CANDIGU_WT_PWR 323617	83.58 -0.54 -6.92	81.29 -0.44 -7.95	80.60 -0.44 -6.80	77.68 -0.35 -6.98	82.01 -0.69 -6.24	105.17 -0.71 -3.04	133.44 -1.07 -1.85	147.00 -4.17 -2.19	143.01 -4.68 -1.54	122.99 -3.06 -3.33	115.59 -3.05 -5.44	99.51 -2.43 -8.36	94.37 -2.04 -7.67	90.58 -2.00 -9.47	90.92 -1.87 -11.42	114.29 -3.16 -8.50	152.22 -3.15 -5.63	181.32 -3.13 -10.13	167.33 -1.72 -12.57	155.83 -3.73 -9.97	142.02 -3.29 -8.10	118.90 -2.41 -11.90	102.15 -1.57 -11.32	101.70 -0.57 -7.09
CARR STREET_E_SYR 24060	79.91 -0.15 -2.87	76.93 -0.15 -3.29	76.91 -0.15 -2.82	73.80 -0.14 -2.89	78.89 -0.15 -2.58	103.70 -0.41 -1.26	133.03 -0.40 -0.76	148.85 -1.04 -0.91	145.77 -1.02 -0.64	123.62 -0.49 -1.38	115.00 -0.45 -2.25	96.77 -0.28 -3.46	91.73 -0.18 -3.16	86.84 -0.17 -3.91	85.92 -0.16 -4.71	111.81 -0.65 -3.51	150.71 -1.35 -2.32	177.29 -1.21 -4.18	161.04 -0.62 -5.19	152.21 -1.50 -4.11	139.19 -1.37 -3.34	113.56 -0.76 -4.91	96.61 -0.46 -4.67	97.82 -0.28 -2.92
CARTHAGE___PAPER 23857	77.22 -1.24 -1.27	73.91 -1.33 -1.46	74.29 -1.19 -1.25	71.26 -1.06 -1.28	76.84 -0.76 -1.14	103.00 -0.41 -0.56	133.80 0.80 -0.34	151.31 1.93 -0.40	147.89 1.46 -0.28	124.31 0.98 -0.61	115.22 1.02 -1.00	95.96 0.84 -1.53	90.30 -0.09 -1.64	85.21 0.08 -2.03	83.89 0.08 -2.44	111.43 0.66 -1.82	152.13 1.19 -1.20	179.45 2.96 -2.17	161.66 2.50 -2.69	153.22 1.50 -2.13	139.78 0.83 -1.73	112.29 0.33 -2.55	94.64 -0.18 -2.42	96.23 -0.47 -1.52
CASSADAGA_WT_PWR 323784	80.38 -2.16 -5.35	77.42 -2.51 -6.14	76.89 -2.60 -5.26	74.53 -1.91 -5.40	78.38 -2.91 -4.82	101.81 -3.39 -2.35	130.11 -3.98 -1.43	141.43 -9.24 -1.69	137.26 -10.08 -1.19	118.79 -6.51 -2.57	110.96 -6.45 -4.21	95.09 -4.96 -6.46	91.04 -3.64 -5.94	86.70 -3.74 -7.34	86.56 -3.66 -8.85	109.34 -6.21 -6.59	147.21 -6.89 -4.36	175.02 -7.15 -7.85	161.53 -4.69 -9.74	149.84 -7.48 -7.73	137.05 -6.45 -6.28	114.04 -4.59 -9.22	98.41 -2.77 -8.77	99.72 -0.95 -5.49
CE_DUNWOOD___DRP 24194	114.65 6.41 -31.05	115.34 5.90 -35.66	110.75 6.01 -30.50	108.11 5.75 -31.31	110.55 6.12 -27.98	124.70 8.23 -13.61	151.82 10.88 -8.28	170.86 12.07 -9.81	165.48 12.42 -6.92	149.36 11.17 -15.47	147.79 10.19 -24.40	139.51 8.42 -37.50	131.29 7.99 -34.56	133.04 7.40 -42.54	139.66 7.16 -51.13	156.95 9.48 -38.52	190.81 13.63 -27.45	244.73 16.21 -54.19	232.54 14.86 -61.20	208.02 13.76 -44.66	184.90 11.39 -36.29	172.01 9.30 -53.30	151.23 8.13 -50.70	134.92 8.00 -31.75
CE_MILLWOOD___DRP 24193	114.35 6.25 -30.91	115.03 5.75 -35.49	110.46 5.86 -30.36	107.82 5.61 -31.16	110.27 5.96 -27.85	124.43 8.02 -13.55	151.52 10.61 -8.24	170.36 11.62 -9.77	165.16 12.13 -6.88	148.97 10.92 -15.32	147.34 9.85 -24.29	139.06 8.14 -37.32	130.92 7.81 -34.37	132.66 7.23 -42.33	139.18 6.92 -50.89	156.38 9.15 -38.28	189.91 13.18 -27.00	242.69 15.69 -52.68	231.24 14.55 -60.22	207.51 13.46 -44.46	184.46 11.11 -36.13	171.54 9.08 -53.05	150.82 7.95 -50.47	134.59 7.80 -31.60
CE_NYC2_DRP 24202	115.76 7.41 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.19 9.67 -13.66	153.58 12.60 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.45 9.05 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 9.48 -46.78	228.41 15.27 -63.40	276.96 17.78 -84.85	250.99 16.27 -78.25	209.67 15.26 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.27 9.23 -31.85
CE_NYC_DRP 24195	115.28 6.95 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.91 11.94 -8.31	172.08 13.26 -9.85	166.83 13.74 -6.95	158.54 12.40 -23.42	149.06 11.32 -24.54	140.89 9.36 -37.94	135.38 8.87 -37.76	135.70 8.23 -44.37	140.56 7.89 -51.30	164.48 10.57 -44.96	220.26 15.12 -55.40	270.51 17.96 -78.23	247.49 16.43 -74.58	209.66 15.26 -44.81	186.24 12.62 -36.40	173.05 10.18 -53.46	152.23 8.96 -50.86	135.69 8.66 -31.84
CHAFFEE___LFGE 323603	79.23 -3.17 -5.20	76.72 -3.03 -5.97	76.23 -3.12 -5.11	73.45 -2.84 -5.24	77.55 -3.59 -4.69	100.82 -4.32 -2.28	127.42 -6.63 -1.39	138.85 -11.77 -1.64	134.73 -12.57 -1.16	116.52 -8.71 -2.50	108.80 -8.49 -4.09	93.13 -6.74 -6.28	88.64 -5.86 -5.76	84.56 -5.65 -7.11	84.33 -5.61 -8.57	106.19 -9.15 -6.38	142.58 -11.39 -4.23	168.51 -13.42 -7.61	155.43 -10.48 -9.44	144.21 -12.87 -7.49	131.91 -11.39 -6.08	109.92 -8.42 -8.93	95.08 -5.82 -8.50	96.41 -4.09 -5.32
CHATEAUG_35_KV_LOAD 355732	75.34 -1.85 0.00	72.16 -1.62 0.00	72.61 -1.63 0.00	69.13 -1.92 0.00	74.86 -1.61 0.00	100.90 -1.95 0.00	127.49 -5.17 0.00	143.32 -5.66 0.00	140.15 -5.99 0.00	116.84 -5.89 0.00	109.69 -3.51 0.00	91.16 -2.43 0.00	86.17 -2.57 0.00	80.69 -2.41 0.00	79.17 -2.20 0.00	106.67 -2.29 0.00	143.45 -6.29 0.00	168.05 -6.28 0.00	150.06 -6.42 0.00	143.91 -5.68 0.00	132.41 -4.80 0.00	106.78 -2.63 0.00	90.55 -1.85 0.00	94.14 -1.05 0.00
CHATEAUG_WT_PWR 323614	75.11 -2.08 0.00	72.01 -1.77 0.00	72.39 -1.85 0.00	68.92 -2.13 0.00	74.63 -1.84 0.00	100.69 -2.16 0.00	126.96 -5.70 0.00	142.58 -6.40 0.00	139.57 -6.57 0.00	116.22 -6.51 0.00	109.35 -3.85 0.00	90.87 -2.72 0.00	85.82 -2.93 0.00	80.36 -2.74 0.00	78.85 -2.52 0.00	106.02 -2.94 0.00	142.55 -7.18 0.00	167.17 -7.15 0.00	149.44 -7.04 0.00	143.76 -5.84 0.00	131.86 -5.35 0.00	106.46 -2.95 0.00	90.28 -2.12 0.00	94.04 -1.14 0.00
CHAT_HIGH_FALL_HYD 323578	75.34 -1.85 0.00	72.16 -1.62 0.00	72.61 -1.63 0.00	69.13 -1.92 0.00	74.86 -1.61 0.00	100.90 -1.95 0.00	127.49 -5.17 0.00	143.32 -5.66 0.00	140.15 -5.99 0.00	116.84 -5.89 0.00	109.69 -3.51 0.00	91.16 -2.43 0.00	86.17 -2.57 0.00	80.69 -2.41 0.00	79.17 -2.20 0.00	106.67 -2.29 0.00	143.45 -6.29 0.00	168.05 -6.28 0.00	150.06 -6.42 0.00	143.91 -5.68 0.00	132.41 -4.80 0.00	106.78 -2.63 0.00	90.55 -1.85 0.00	94.14 -1.05 0.00
CHAUTAUQUA___LFGE 323629	80.29 -2.16 -5.26	77.67 -2.14 -6.04	77.18 -2.23 -5.16	74.43 -1.91 -5.30	78.52 -2.68 -4.74	102.08 -3.08 -2.31	129.42 -4.65 -1.40	141.10 -9.54 -1.66	136.94 -10.37 -1.17	118.38 -6.87 -2.53	110.55 -6.79 -4.13	94.61 -5.33 -6.35	89.92 -4.62 -5.80	85.77 -4.49 -7.16	85.52 -4.48 -8.63	107.87 -7.52 -6.43	144.86 -9.14 -4.26	171.53 -10.45 -7.66	158.32 -7.66 -9.51	146.81 -10.32 -7.54	134.28 -9.06 -6.13	111.85 -6.56 -9.00	96.62 -4.34 -8.56	97.98 -2.57 -5.36
CHERRYST_13_KV_LD 356241	115.51 7.18 -31.14	116.11 6.57 -35.76	111.51 6.68 -30.59	108.84 6.39 -31.40	111.32 6.81 -28.06	125.77 9.26 -13.65	153.18 12.21 -8.31	172.53 13.71 -9.85	167.27 14.18 -6.95	159.03 12.89 -23.42	149.40 11.66 -24.54	141.17 9.64 -37.94	135.74 9.23 -37.76	136.03 8.56 -44.37	140.89 8.22 -51.30	164.81 10.90 -44.96	220.71 15.57 -55.40	271.03 18.48 -78.23	248.11 17.06 -74.58	210.11 15.71 -44.81	186.52 12.90 -36.40	173.38 10.50 -53.46	152.41 9.15 -50.86	135.88 8.85 -31.84

CHESTROR_138KV_BK263 355645	111.40 5.17 -29.03	111.92 4.80 -33.34	107.66 4.90 -28.52	105.01 4.69 -29.27	107.59 4.97 -26.16	122.27 6.69 -12.73	149.29 8.89 -7.74	167.69 9.53 -9.17	162.40 9.79 -6.47	145.59 8.84 -14.03	143.94 7.92 -22.81	135.19 6.55 -35.05	127.10 6.21 -32.15	128.52 5.73 -39.69	134.80 5.61 -47.81	151.92 7.30 -35.67	184.32 10.63 -23.95	232.59 12.73 -45.54	222.60 11.74 -54.39	202.28 10.92 -41.77	180.21 9.06 -33.94	166.69 7.44 -49.84	146.37 6.56 -47.41	131.34 6.47 -29.69
CH_MIDHUDSON___DRP 24192	115.55 6.95 -31.41	116.34 6.49 -36.07	111.70 6.61 -30.85	108.90 6.18 -31.67	111.41 6.65 -28.30	125.78 9.15 -13.77	152.98 11.94 -8.37	171.42 12.51 -9.92	166.15 13.01 -7.00	149.12 11.29 -15.10	147.95 10.08 -24.68	139.92 8.42 -37.91	131.38 7.90 -34.74	133.33 7.31 -42.92	140.25 7.16 -51.72	156.85 9.37 -38.52	189.02 13.78 -25.50	237.30 17.08 -45.90	228.78 15.33 -56.97	208.98 14.21 -45.18	185.87 11.94 -36.71	173.17 9.85 -53.91	152.19 8.50 -51.29	135.67 8.38 -32.11
CH_MISC_IPPS 23765	115.07 6.79 -31.09	115.82 6.35 -35.70	111.23 6.46 -30.53	108.50 6.11 -31.34	110.96 6.50 -28.01	125.43 8.94 -13.63	152.10 11.15 -8.29	170.72 11.92 -9.82	165.48 12.42 -6.92	148.47 10.80 -14.94	147.14 9.51 -24.42	138.97 7.86 -37.52	130.76 7.63 -34.39	132.63 7.06 -42.47	139.39 6.84 -51.19	156.56 9.47 -38.13	188.75 13.77 -25.24	236.84 17.09 -45.42	228.20 15.34 -56.38	208.36 14.06 -44.71	185.63 12.08 -36.34	172.62 9.85 -53.36	151.66 8.50 -50.76	135.05 8.09 -31.78
CH_RES_BVR_FALLS 23983	75.34 -1.85 0.00	72.09 -1.69 0.00	72.53 -1.70 0.00	69.34 -1.71 0.00	74.71 -1.76 0.00	100.59 -2.26 0.00	129.62 -3.05 0.00	146.30 -2.68 0.00	143.52 -2.63 0.00	119.91 -2.82 0.00	110.82 -2.38 0.00	91.62 -1.97 0.00	86.79 -1.95 0.00	81.35 -1.75 0.00	79.66 -1.71 0.00	106.88 -2.07 0.00	146.44 -3.29 0.00	170.66 -3.67 0.00	152.72 -3.76 0.00	146.44 -3.15 0.00	134.33 -2.89 0.00	107.11 -2.30 0.00	90.46 -1.94 0.00	93.18 -2.00 0.00
CH_RES_NIAGARA 23895	76.75 -5.10 -4.65	74.39 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.76 -11.14 -1.24	133.32 -17.13 -1.47	129.35 -17.84 -1.04	111.71 -13.26 -2.24	104.18 -12.68 -3.65	89.01 -10.20 -5.61	84.83 -9.05 -5.14	80.97 -8.48 -6.35	80.64 -8.38 -7.65	101.36 -13.30 -5.70	136.14 -17.37 -3.77	160.37 -20.75 -6.79	147.69 -17.21 -8.43	137.13 -19.15 -6.69	125.63 -17.02 -5.43	104.81 -12.58 -7.98	90.94 -9.05 -7.59	92.70 -7.24 -4.75
CH_RES_SYRACUSE 23985	80.70 0.31 -3.20	77.75 0.30 -3.67	77.67 0.30 -3.14	74.55 0.29 -3.22	79.57 0.23 -2.88	104.46 0.21 -1.40	133.92 0.40 -0.85	149.99 0.00 -1.01	146.71 -0.15 -0.71	124.51 0.25 -1.54	115.94 0.23 -2.51	97.73 0.28 -3.86	92.52 0.27 -3.51	87.68 0.25 -4.33	86.92 0.33 -5.22	113.17 0.33 -3.89	152.91 0.60 -2.57	180.01 1.05 -4.63	163.63 1.41 -5.75	154.75 0.60 -4.56	141.33 0.41 -3.71	115.07 0.22 -5.44	97.67 0.09 -5.18	98.71 0.29 -3.24
CLINTON_WT_PWR 323605	75.11 -2.08 0.00	72.01 -1.77 0.00	72.39 -1.85 0.00	68.92 -2.13 0.00	74.63 -1.84 0.00	100.69 -2.16 0.00	126.96 -5.70 0.00	142.58 -6.40 0.00	139.57 -6.57 0.00	116.22 -6.51 0.00	109.35 -3.85 0.00	90.87 -2.72 0.00	85.82 -2.93 0.00	80.36 -2.74 0.00	78.85 -2.52 0.00	106.02 -2.94 0.00	142.55 -7.18 0.00	167.17 -7.15 0.00	149.44 -7.04 0.00	143.76 -5.84 0.00	131.86 -5.35 0.00	106.46 -2.95 0.00	90.28 -2.12 0.00	94.04 -1.14 0.00
CLINTON___LFGE 323618	76.19 -1.01 0.00	72.97 -0.81 0.00	73.42 -0.81 0.00	69.91 -1.14 0.00	75.77 -0.69 0.00	102.14 -0.71 0.00	128.02 -4.65 0.00	143.01 -5.96 0.00	140.29 -5.85 0.00	116.96 -5.77 0.00	110.60 -2.60 0.00	92.28 -1.31 0.00	87.05 -1.69 0.00	81.52 -1.58 0.00	79.98 -1.38 0.00	107.43 -1.53 0.00	143.59 -6.15 0.00	168.58 -5.75 0.00	150.69 -5.79 0.00	144.95 -4.64 0.00	132.69 -4.52 0.00	107.44 -1.97 0.00	91.48 -0.92 0.00	95.56 0.38 0.00
COBBLENY_34_KV_TB1 80064	79.23 -3.16 -5.20	76.73 -3.02 -5.97	76.23 -3.12 -5.11	73.45 -2.84 -5.24	77.55 -3.59 -4.69	100.82 -4.32 -2.28	126.62 -7.43 -1.39	137.66 -12.96 -1.64	134.30 -13.01 -1.16	115.90 -9.33 -2.50	107.89 -9.40 -4.09	92.76 -7.11 -6.28	88.29 -6.21 -5.76	84.23 -5.98 -7.12	84.00 -5.94 -8.58	106.19 -9.15 -6.39	142.59 -11.38 -4.23	169.03 -12.90 -7.61	155.75 -10.17 -9.45	146.76 -10.32 -7.49	132.33 -10.98 -6.09	110.03 -8.32 -8.94	95.27 -5.64 -8.50	96.32 -4.19 -5.32
COFFEEN___115KV_TB3 355620	79.36 0.77 -1.40	75.90 0.52 -1.60	76.20 0.59 -1.37	73.17 0.71 -1.41	79.02 1.30 -1.26	106.04 2.57 -0.61	138.21 5.17 -0.37	155.83 6.41 -0.44	152.01 5.55 -0.31	128.06 4.66 -0.67	118.83 4.53 -1.10	99.11 3.84 -1.69	91.73 1.42 -1.57	86.62 1.58 -1.94	85.25 1.55 -2.33	113.42 2.72 -1.74	155.23 4.34 -1.15	183.19 6.80 -2.07	165.15 6.10 -2.57	156.42 4.79 -2.04	142.44 3.57 -1.66	114.36 2.52 -2.43	96.62 1.48 -2.74	98.14 1.24 -1.72
COLDSPRG_115KV_BK1 355956	81.23 -1.47 -5.50	78.47 -1.62 -6.32	78.01 -1.63 -5.40	75.31 -1.28 -5.55	79.35 -2.06 -4.96	103.11 -2.16 -2.41	130.81 -3.32 -1.47	142.52 -8.19 -1.74	138.89 -8.48 -1.23	119.97 -5.40 -2.64	111.64 -5.89 -4.32	96.02 -4.21 -6.64	92.09 -2.75 -6.09	87.55 -3.07 -7.53	87.35 -3.09 -9.07	110.70 -5.01 -6.76	148.82 -5.39 -4.47	177.32 -5.06 -8.05	163.49 -2.97 -9.99	153.48 -4.04 -7.92	138.58 -5.08 -6.44	115.26 -3.61 -9.46	99.42 -2.03 -9.05	100.37 -0.48 -5.67
COLONIE_LFGE___ 323577	120.32 4.17 -38.96	122.43 3.91 -44.74	116.44 3.93 -38.27	114.09 3.76 -39.28	115.61 4.05 -35.10	125.49 5.55 -17.08	150.34 7.29 -10.39	169.18 7.89 -12.31	162.42 7.59 -8.68	147.83 6.38 -18.73	149.69 5.88 -30.61	145.57 4.96 -47.02	136.53 4.70 -43.09	140.72 4.40 -53.22	149.90 4.39 -64.14	162.28 5.55 -47.77	189.00 7.63 -31.63	240.30 9.06 -56.92	235.41 8.29 -70.65	213.10 7.48 -56.03	189.88 7.13 -45.53	181.95 5.69 -66.86	160.81 4.80 -63.60	140.24 5.23 -39.83
COOPERNY_115KV_TB1 80082	104.86 4.01 -23.66	104.71 3.76 -27.17	101.34 3.86 -23.24	98.59 3.69 -23.85	101.68 3.90 -21.31	118.47 5.25 -10.37	145.87 6.90 -6.31	163.90 7.45 -7.47	159.16 7.75 -5.27	141.12 7.00 -11.40	138.02 6.23 -18.59	127.39 5.24 -28.56	119.90 4.97 -26.18	120.00 4.57 -32.33	124.80 4.48 -38.96	143.88 5.88 -29.04	177.50 8.39 -19.37	220.17 9.94 -35.91	209.36 9.23 -43.65	192.15 8.53 -34.03	172.01 7.14 -27.66	155.93 5.91 -40.61	136.21 5.17 -38.63	124.51 5.14 -24.19
COPENHAGEN_WT_PWR 323753	78.18 -0.54 -1.52	74.87 -0.67 -1.75	75.14 -0.60 -1.50	72.09 -0.49 -1.54	77.76 -0.08 -1.37	103.94 0.41 -0.67	134.93 1.86 -0.41	152.14 2.68 -0.48	148.68 2.20 -0.34	125.30 1.84 -0.73	116.32 1.92 -1.20	97.12 1.69 -1.84	91.36 0.71 -1.91	86.30 0.83 -2.36	84.95 0.73 -2.85	112.60 1.52 -2.12	153.69 2.54 -1.41	181.03 4.18 -2.53	163.53 3.91 -3.14	154.62 2.54 -2.49	141.02 1.78 -2.02	113.59 1.21 -2.97	95.69 0.46 -2.83	97.24 0.29 -1.77
CORNELL_____ 23752	86.78 2.55 -7.04	84.30 2.43 -8.09	83.61 2.45 -6.92	80.49 2.34 -7.10	85.33 2.52 -6.35	109.44 3.50 -3.09	139.45 4.91 -1.88	155.82 4.62 -2.23	152.24 4.53 -1.57	130.16 4.05 -3.39	122.25 3.51 -5.53	104.99 2.90 -8.50	99.30 2.66 -7.90	95.35 2.49 -9.75	95.56 2.44 -11.76	121.42 3.70 -8.76	161.52 5.99 -5.80	192.77 8.02 -10.43	177.25 7.82 -12.95	166.74 6.88 -10.27	151.19 5.63 -8.34	125.93 4.27 -12.25	107.29 3.23 -11.65	105.90 3.43 -7.29

CORONA__69_KV_TB1 355595	136.89 8.18 -51.51	129.53 7.60 -48.16	118.62 7.65 -36.74	109.68 7.25 -31.39	118.06 7.80 -33.80	127.00 10.49 -13.65	154.76 13.80 -8.30	174.01 15.20 -9.84	168.72 15.64 -6.93	152.29 13.99 -15.58	150.59 12.91 -24.48	148.34 10.58 -44.17	146.72 10.12 -47.87	147.55 9.39 -55.06	148.61 9.11 -58.13	159.29 11.66 -38.67	194.30 16.77 -27.79	249.23 19.52 -55.38	236.57 18.15 -61.94	211.13 16.75 -44.78	187.60 14.00 -36.39	174.01 11.16 -53.44	153.03 9.79 -50.84	146.11 10.18 -40.74
CORTLAND__115KV_TB3 80093	84.67 1.78 -5.70	82.03 1.70 -6.55	81.62 1.78 -5.60	78.50 1.71 -5.75	83.36 1.76 -5.14	107.82 2.47 -2.50	137.63 3.45 -1.52	153.91 3.13 -1.80	150.48 3.07 -1.27	128.41 2.95 -2.74	120.29 2.60 -4.48	102.63 2.15 -6.88	97.14 2.04 -6.35	92.86 1.91 -7.85	92.70 1.87 -9.46	118.61 2.61 -7.04	158.44 4.04 -4.66	188.12 5.40 -8.39	172.37 5.48 -10.42	162.49 4.64 -8.26	147.63 3.70 -6.71	122.11 2.84 -9.86	104.09 2.31 -9.37	103.53 2.47 -5.87
COXSACKIE__GT 23611	119.35 5.79 -36.36	121.08 5.54 -41.76	115.45 5.49 -35.72	112.76 5.04 -36.66	114.80 5.58 -32.76	126.83 8.03 -15.94	153.24 10.88 -9.70	170.30 9.83 -11.49	164.19 9.94 -8.10	147.57 7.36 -17.48	148.11 6.34 -28.57	142.35 4.86 -43.89	133.67 4.70 -40.23	137.11 4.32 -49.69	145.72 4.47 -59.88	159.11 5.55 -44.60	182.71 3.45 -29.53	233.21 5.74 -53.14	227.13 4.69 -65.96	205.94 4.04 -52.31	187.82 8.09 -42.51	178.51 6.67 -62.42	157.23 5.45 -59.38	137.79 5.42 -37.18
CPV_VALLEY__CC1 323721	108.82 4.48 -27.15	109.16 4.20 -31.18	105.21 4.30 -26.67	102.47 4.05 -27.38	105.20 4.28 -24.46	120.51 5.76 -11.90	147.19 7.29 -7.24	165.30 7.74 -8.58	160.37 8.18 -6.05	143.18 7.36 -13.09	141.10 6.56 -21.33	131.88 5.52 -32.77	124.12 5.32 -30.05	125.11 4.90 -37.11	130.80 4.72 -44.71	148.83 6.54 -33.33	181.45 9.44 -22.27	227.36 11.50 -41.54	217.24 10.49 -50.28	198.23 9.58 -39.05	177.05 8.09 -31.74	162.58 6.56 -46.60	142.56 5.82 -44.33	128.46 5.52 -27.76
CPV_VALLEY__CC2 323722	108.82 4.48 -27.15	109.16 4.20 -31.18	105.21 4.30 -26.67	102.47 4.05 -27.38	105.20 4.28 -24.46	120.51 5.76 -11.90	147.19 7.29 -7.24	165.30 7.74 -8.58	160.37 8.18 -6.05	143.18 7.36 -13.09	141.10 6.56 -21.33	131.88 5.52 -32.77	124.12 5.32 -30.05	125.11 4.90 -37.11	130.80 4.72 -44.71	148.83 6.54 -33.33	181.45 9.44 -22.27	227.36 11.50 -41.54	217.24 10.49 -50.28	198.23 9.58 -39.05	177.05 8.09 -31.74	162.58 6.56 -46.60	142.56 5.82 -44.33	128.46 5.52 -27.76
CRESCENT__HYD 24018	120.32 4.17 -38.96	122.43 3.91 -44.74	116.44 3.93 -38.27	114.09 3.76 -39.28	115.61 4.05 -35.10	125.49 5.55 -17.08	150.34 7.29 -10.39	169.18 7.89 -12.31	162.42 7.59 -8.68	147.83 6.38 -18.73	149.69 5.88 -30.61	145.57 4.96 -47.02	136.53 4.70 -43.09	140.72 4.40 -53.22	149.90 4.39 -64.14	162.28 5.55 -47.77	189.00 7.63 -31.63	240.30 9.06 -56.92	235.41 8.29 -70.65	213.10 7.48 -56.03	189.88 7.13 -45.53	181.95 5.69 -66.86	160.81 4.80 -63.60	140.24 5.23 -39.83
CRICKET__VALLEY_CC1 323756	115.74 5.40 -33.14	116.86 5.02 -38.06	111.84 5.05 -32.55	109.36 4.90 -33.42	111.53 5.20 -29.86	124.48 7.09 -14.53	150.25 8.75 -8.84	169.13 9.68 -10.47	163.32 9.79 -7.38	147.12 8.46 -15.93	146.94 7.70 -26.04	140.05 6.45 -40.01	131.61 6.21 -36.66	134.20 5.82 -45.29	141.64 5.69 -54.58	157.46 7.85 -40.65	187.89 11.24 -26.91	235.84 13.08 -48.43	228.48 11.89 -60.12	208.18 10.91 -47.67	185.70 9.74 -38.74	174.07 7.77 -56.89	153.36 6.84 -54.12	135.93 6.86 -33.89
CRICKET__VALLEY_CC2 323757	115.74 5.40 -33.14	116.86 5.02 -38.06	111.84 5.05 -32.55	109.36 4.90 -33.42	111.53 5.20 -29.86	124.48 7.09 -14.53	150.25 8.75 -8.84	169.13 9.68 -10.47	163.32 9.79 -7.38	147.12 8.46 -15.93	146.94 7.70 -26.04	140.05 6.45 -40.01	131.61 6.21 -36.66	134.20 5.82 -45.29	141.64 5.69 -54.58	157.46 7.85 -40.65	187.89 11.24 -26.91	235.84 13.08 -48.43	228.48 11.89 -60.12	208.18 10.91 -47.67	185.70 9.74 -38.74	174.07 7.77 -56.89	153.36 6.84 -54.12	135.93 6.86 -33.89
CRICKET__VALLEY_CC3 323758	115.74 5.40 -33.14	116.86 5.02 -38.06	111.84 5.05 -32.55	109.36 4.90 -33.42	111.53 5.20 -29.86	124.48 7.09 -14.53	150.25 8.75 -8.84	169.13 9.68 -10.47	163.32 9.79 -7.38	147.12 8.46 -15.93	146.94 7.70 -26.04	140.05 6.45 -40.01	131.61 6.21 -36.66	134.20 5.82 -45.29	141.64 5.69 -54.58	157.46 7.85 -40.65	187.89 11.24 -26.91	235.84 13.08 -48.43	228.48 11.89 -60.12	208.18 10.91 -47.67	185.70 9.74 -38.74	174.07 7.77 -56.89	153.36 6.84 -54.12	135.93 6.86 -33.89
CRUCIBLE__METL_DRP 24180	80.70 0.31 -3.20	77.74 0.30 -3.67	77.67 0.30 -3.14	74.55 0.28 -3.22	79.57 0.23 -2.88	104.46 0.21 -1.40	133.91 0.40 -0.85	149.69 -0.30 -1.01	146.71 -0.15 -0.71	124.51 0.25 -1.54	115.94 0.23 -2.51	97.73 0.28 -3.86	92.53 0.27 -3.52	87.70 0.25 -4.35	86.85 0.24 -5.24	113.08 0.22 -3.90	152.92 0.60 -2.58	180.02 1.05 -4.65	163.65 1.41 -5.77	155.22 1.05 -4.58	141.48 0.55 -3.72	115.20 0.33 -5.46	97.67 0.09 -5.18	98.61 0.19 -3.24
DAHOWA__HYDRO 323763	122.26 5.56 -39.50	124.38 5.24 -45.36	118.31 5.27 -38.80	115.85 4.97 -39.83	117.33 5.27 -35.59	127.58 7.41 -17.32	153.41 10.22 -10.53	172.33 10.87 -12.48	165.61 10.66 -8.80	150.67 8.95 -18.99	152.50 8.26 -31.04	148.02 6.74 -47.68	138.83 6.39 -43.69	142.97 5.90 -53.97	152.28 5.86 -65.05	163.94 6.54 -48.45	190.49 8.68 -32.08	242.68 10.64 -57.72	237.83 9.70 -71.65	215.23 8.82 -56.82	191.62 8.23 -46.17	183.78 6.56 -67.80	162.17 5.26 -64.50	142.13 6.56 -40.39
DANC__LFGE 323619	78.47 -0.70 -1.97	75.31 -0.74 -2.26	75.43 -0.74 -1.94	72.40 -0.64 -1.99	77.78 -0.46 -1.78	103.31 -0.41 -0.86	133.32 0.13 -0.53	149.75 0.15 -0.62	146.44 -0.15 -0.44	123.92 0.25 -0.95	115.09 0.34 -1.55	96.35 0.38 -2.38	90.97 0.00 -2.23	86.02 0.17 -2.76	84.85 0.16 -3.32	111.87 0.44 -2.47	152.13 0.75 -1.64	179.19 1.92 -2.95	162.02 1.88 -3.66	153.40 0.90 -2.90	139.99 0.41 -2.36	113.09 0.22 -3.46	95.51 -0.18 -3.29	96.96 -0.28 -2.06
DANSKAMMER__1 23586	115.07 6.79 -31.09	115.82 6.35 -35.70	111.23 6.46 -30.53	108.50 6.11 -31.34	110.96 6.50 -28.01	125.43 8.94 -13.63	152.10 11.15 -8.29	170.72 11.92 -9.82	165.48 12.42 -6.92	148.47 10.80 -14.94	147.14 9.51 -24.42	138.97 7.86 -37.52	130.76 7.63 -34.39	132.63 7.06 -42.47	139.39 6.84 -51.19	156.56 9.47 -38.13	188.75 13.77 -25.24	236.84 17.09 -45.42	228.20 15.34 -56.38	208.36 14.06 -44.71	185.63 12.08 -36.34	172.62 9.85 -53.36	151.66 8.50 -50.76	135.05 8.09 -31.78
DANSKAMMER__2 23589	115.07 6.79 -31.09	115.82 6.35 -35.70	111.23 6.46 -30.53	108.50 6.11 -31.34	110.96 6.50 -28.01	125.43 8.94 -13.63	152.10 11.15 -8.29	170.72 11.92 -9.82	165.48 12.42 -6.92	148.47 10.80 -14.94	147.14 9.51 -24.42	138.97 7.86 -37.52	130.76 7.63 -34.39	132.63 7.06 -42.47	139.39 6.84 -51.19	156.56 9.47 -38.13	188.75 13.77 -25.24	236.84 17.09 -45.42	228.20 15.34 -56.38	208.36 14.06 -44.71	185.63 12.08 -36.34	172.62 9.85 -53.36	151.66 8.50 -50.76	135.05 8.09 -31.78
DANSKAMMER__3 23590	115.07 6.79 -31.09	115.82 6.35 -35.70	111.23 6.46 -30.53	108.50 6.11 -31.34	110.96 6.50 -28.01	125.43 8.94 -13.63	152.10 11.15 -8.29	170.72 11.92 -9.82	165.48 12.42 -6.92	148.47 10.80 -14.94	147.14 9.51 -24.42	138.97 7.86 -37.52	130.76 7.63 -34.39	132.63 7.06 -42.47	139.39 6.84 -51.19	156.56 9.47 -38.13	188.75 13.77 -25.24	236.84 17.09 -45.42	228.20 15.34 -56.38	208.36 14.06 -44.71	185.63 12.08 -36.34	172.62 9.85 -53.36	151.66 8.50 -50.76	135.05 8.09 -31.78

DANSKAMMER___4 23591	115.07 6.79 -31.09	115.82 6.35 -35.70	111.23 6.46 -30.53	108.50 6.11 -31.34	110.96 6.50 -28.01	125.43 8.94 -13.63	152.10 11.15 -8.29	170.72 11.92 -9.82	165.48 12.42 -6.92	148.47 10.80 -14.94	147.14 9.51 -24.42	138.97 7.86 -37.52	130.76 7.63 -34.39	132.63 7.06 -42.47	139.39 6.84 -51.19	156.56 9.47 -38.13	188.75 13.77 -25.24	236.84 17.09 -45.42	228.20 15.34 -56.38	208.36 14.06 -44.71	185.63 12.08 -36.34	172.62 9.85 -53.36	151.66 8.50 -50.76	135.05 8.09 -31.78
DANSKAMMER___DIESEL 23592	115.07 6.79 -31.09	115.82 6.35 -35.70	111.23 6.46 -30.53	108.50 6.11 -31.34	110.97 6.50 -28.01	125.43 8.95 -13.63	152.63 11.67 -8.29	171.17 12.37 -9.82	165.93 12.86 -6.92	148.84 11.17 -14.94	147.59 9.96 -24.42	139.44 8.33 -37.52	130.94 7.81 -34.39	132.81 7.23 -42.48	139.64 7.08 -51.19	156.34 9.26 -38.13	188.46 13.48 -25.24	236.48 16.74 -45.42	228.04 15.18 -56.39	208.37 14.06 -44.72	185.22 11.66 -36.34	172.40 9.63 -53.36	151.57 8.41 -50.76	135.15 8.19 -31.78
DARBY___SOLAR 323810	121.94 5.32 -39.43	124.14 5.09 -45.28	118.02 5.05 -38.73	115.64 4.83 -39.75	117.19 5.20 -35.52	127.34 7.20 -17.29	152.99 9.82 -10.51	171.86 10.42 -12.46	165.15 10.23 -8.78	150.27 8.59 -18.95	152.10 7.92 -30.98	147.63 6.45 -47.59	138.56 6.21 -43.61	142.70 5.73 -53.87	151.98 5.69 -64.92	163.74 6.43 -48.35	190.43 8.68 -32.01	242.57 10.64 -57.61	237.53 9.55 -71.51	215.12 8.82 -56.71	191.53 8.23 -46.08	183.53 6.45 -67.67	162.04 5.26 -64.37	141.97 6.48 -40.31
DASHVILLE___HYD 23610	114.18 4.86 -32.13	115.17 4.50 -36.89	110.40 4.60 -31.56	107.78 4.33 -32.39	110.07 4.66 -28.95	123.32 6.38 -14.09	149.72 8.49 -8.57	168.07 8.94 -10.15	162.80 9.50 -7.16	146.52 8.35 -15.44	146.03 7.58 -25.24	138.64 6.27 -38.78	130.23 5.95 -35.54	132.49 5.48 -43.90	139.56 5.29 -52.91	155.23 6.86 -39.41	186.16 10.33 -26.09	234.00 12.73 -46.95	226.33 11.58 -58.28	206.58 10.77 -46.22	183.42 8.64 -37.56	171.56 7.00 -55.15	151.15 6.28 -52.46	134.03 6.00 -32.85
DEERFIELD_69_KV_DEERFIELD LD 355887	139.82 11.12 -51.51	132.34 10.40 -48.16	121.82 10.84 -36.74	112.88 10.44 -31.39	121.50 11.24 -33.80	131.01 14.50 -13.65	159.67 18.71 -8.30	179.37 20.56 -9.84	174.13 21.04 -6.93	157.08 18.78 -15.58	154.78 17.09 -24.48	152.08 14.32 -44.17	150.19 13.58 -47.87	150.79 12.63 -55.06	151.95 12.45 -58.13	162.88 15.25 -38.67	198.79 21.26 -27.79	252.89 23.19 -55.38	241.26 22.85 -61.94	215.32 20.94 -44.78	191.45 17.84 -36.39	176.75 13.90 -53.44	155.90 12.66 -50.84	150.30 14.37 -40.74
DELAWARE___LFGE 323621	94.80 3.94 -13.67	93.32 3.84 -15.70	91.53 3.86 -13.43	88.53 3.69 -13.79	92.76 3.98 -12.32	114.20 5.35 -6.00	143.61 7.30 -3.65	160.90 7.60 -4.32	156.94 7.75 -3.05	136.42 7.12 -6.57	130.51 6.57 -10.74	115.62 5.52 -16.50	109.12 5.24 -15.14	106.62 4.82 -18.70	108.54 4.64 -22.54	131.84 6.10 -16.79	169.24 8.39 -11.11	204.26 9.94 -20.00	190.69 9.39 -24.82	177.95 8.68 -19.69	160.76 7.55 -16.00	139.14 6.24 -23.49	120.01 5.27 -22.34	114.60 5.43 -13.99
DERFIELD_115KV_TB7 355931	78.27 1.08 0.00	74.81 1.03 0.00	75.28 1.04 0.00	72.11 1.07 0.00	77.61 1.15 0.00	104.40 1.54 0.00	134.52 1.86 0.00	151.06 2.09 0.00	148.34 2.19 0.00	124.81 2.09 0.00	115.13 1.92 0.00	95.18 1.59 0.00	90.25 1.51 0.00	84.51 1.41 0.00	82.75 1.38 0.00	110.81 1.85 0.00	152.28 2.55 0.00	177.29 2.96 0.00	159.29 2.82 0.00	152.13 2.54 0.00	139.55 2.33 0.00	111.27 1.86 0.00	94.07 1.66 0.00	96.80 1.62 0.00
DOGLEVILLE___HYD 23807	78.04 0.85 0.00	74.67 0.89 0.00	75.20 0.96 0.00	72.12 1.07 0.00	77.76 1.30 0.00	104.71 1.85 0.00	135.32 2.65 0.00	152.11 3.13 0.00	149.36 3.21 0.00	125.80 3.07 0.00	116.14 2.94 0.00	96.12 2.53 0.00	91.22 2.48 0.00	85.51 2.41 0.00	83.81 2.44 0.00	112.34 3.38 0.00	154.53 4.79 0.00	180.07 5.74 0.00	161.63 5.16 0.00	154.23 4.64 0.00	141.33 4.11 0.00	112.81 3.40 0.00	95.27 2.87 0.00	98.23 3.05 0.00
DUNKIRK___115KV_TB_200 55889	80.20 -2.24 -5.25	77.59 -2.21 -6.03	77.09 -2.30 -5.15	74.35 -1.99 -5.29	78.44 -2.75 -4.73	101.86 -3.29 -2.30	128.62 -5.44 -1.40	139.76 -10.88 -1.66	136.35 -10.96 -1.17	117.64 -7.61 -2.52	109.52 -7.81 -4.12	94.12 -5.80 -6.34	89.41 -5.15 -5.81	85.30 -4.99 -7.18	84.98 -5.04 -8.65	107.56 -7.84 -6.45	144.42 -9.58 -4.27	171.54 -10.46 -7.68	158.03 -7.98 -9.53	148.92 -8.23 -7.56	134.17 -9.19 -6.14	111.65 -6.78 -9.02	96.51 -4.44 -8.54	97.67 -2.86 -5.35
DUNKIRK___1 23563	80.20 -2.24 -5.25	77.59 -2.21 -6.03	77.09 -2.30 -5.15	74.35 -1.99 -5.29	78.44 -2.75 -4.73	101.86 -3.29 -2.30	128.62 -5.44 -1.40	139.76 -10.88 -1.66	136.35 -10.96 -1.17	117.64 -7.61 -2.52	109.52 -7.81 -4.12	94.12 -5.80 -6.34	89.41 -5.15 -5.81	85.30 -4.99 -7.18	84.98 -5.04 -8.65	107.56 -7.84 -6.45	144.42 -9.58 -4.27	171.54 -10.46 -7.68	158.03 -7.98 -9.53	148.92 -8.23 -7.56	134.17 -9.19 -6.14	111.65 -6.78 -9.02	96.51 -4.44 -8.54	97.67 -2.86 -5.35
DUNKIRK___2 23564	80.20 -2.24 -5.25	77.59 -2.21 -6.03	77.09 -2.30 -5.15	74.35 -1.99 -5.29	78.44 -2.75 -4.73	101.86 -3.29 -2.30	128.62 -5.44 -1.40	139.76 -10.88 -1.66	136.35 -10.96 -1.17	117.64 -7.61 -2.52	109.52 -7.81 -4.12	94.12 -5.80 -6.34	89.41 -5.15 -5.81	85.30 -4.99 -7.18	84.98 -5.04 -8.65	107.56 -7.84 -6.45	144.42 -9.58 -4.27	171.54 -10.46 -7.68	158.03 -7.98 -9.53	148.92 -8.23 -7.56	134.17 -9.19 -6.14	111.65 -6.78 -9.02	96.51 -4.44 -8.54	97.67 -2.86 -5.35
DUNKIRK___3 23565	79.90 -2.55 -5.25	77.30 -2.51 -6.03	76.80 -2.60 -5.16	74.07 -2.27 -5.30	78.21 -2.98 -4.73	101.45 -3.70 -2.30	128.09 -5.97 -1.40	139.17 -11.47 -1.66	135.92 -11.40 -1.17	117.15 -8.10 -2.53	109.07 -8.26 -4.13	93.66 -6.27 -6.34	89.06 -5.50 -5.82	84.97 -5.32 -7.19	84.74 -5.29 -8.66	107.13 -8.28 -6.45	143.83 -10.18 -4.27	170.68 -11.33 -7.69	157.41 -8.61 -9.54	148.18 -8.98 -7.57	133.62 -9.74 -6.15	111.33 -7.11 -9.03	96.16 -4.80 -8.56	97.21 -3.33 -5.36
DUNKIRK___4 23566	79.86 -2.47 -5.13	77.17 -2.51 -5.90	76.76 -2.52 -5.04	73.95 -2.27 -5.18	78.10 -2.98 -4.63	101.51 -3.60 -2.25	127.93 -6.10 -1.37	138.98 -11.62 -1.62	135.74 -11.55 -1.14	116.97 -8.22 -2.47	108.86 -8.38 -4.04	93.61 -6.18 -6.20	88.93 -5.50 -5.69	84.81 -5.32 -7.03	84.55 -5.29 -8.47	106.98 -8.28 -6.31	143.73 -10.18 -4.18	170.68 -11.16 -7.51	157.19 -8.61 -9.33	148.16 -8.83 -7.40	133.48 -9.74 -6.01	111.02 -7.22 -8.83	95.97 -4.80 -8.37	97.19 -3.24 -5.24
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	114.90 6.56 -31.15	115.60 6.05 -35.77	110.99 6.16 -30.59	108.28 5.83 -31.40	110.79 6.27 -28.06	124.94 8.43 -13.66	152.11 11.14 -8.30	171.18 12.37 -9.84	165.94 12.86 -6.94	150.00 11.54 -15.74	148.21 10.53 -24.48	139.92 8.70 -37.63	131.75 8.25 -34.76	133.47 7.65 -42.72	140.06 7.40 -51.29	157.58 9.81 -38.82	193.08 13.93 -29.42	270.72 16.56 -79.84	247.14 15.18 -75.48	208.61 14.21 -44.80	185.29 11.66 -36.41	172.39 9.52 -53.46	151.67 8.41 -50.86	135.21 8.19 -31.85
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	113.30 5.87 -30.24	114.04 5.53 -34.73	109.51 5.57 -29.71	106.80 5.26 -30.49	109.37 5.66 -27.25	123.83 7.71 -13.26	150.81 10.08 -8.06	169.26 10.73 -9.56	163.99 11.11 -6.74	147.11 9.82 -14.56	145.79 8.83 -23.76	137.40 7.30 -36.51	129.13 6.92 -33.46	130.83 6.40 -41.33	137.36 6.18 -49.80	154.24 8.17 -37.11	186.25 11.83 -24.69	234.21 14.64 -45.24	225.21 13.30 -55.44	205.36 12.27 -43.50	182.72 10.15 -35.35	169.75 8.42 -51.91	149.18 7.39 -49.38	133.34 7.23 -30.92

E179THST_138_KV_TB4_REV_LBMP_J 345001	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.39 9.87 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	166.69 13.59 -6.95	150.47 12.15 -15.59	148.67 10.98 -24.48	140.30 9.08 -37.63	132.05 8.61 -34.70	133.86 8.06 -42.69	140.48 7.81 -51.30	157.90 10.24 -38.70	193.14 14.52 -28.87	270.61 16.91 -79.37	247.19 15.49 -75.22	208.92 14.51 -44.82	185.83 12.21 -36.41	172.83 9.96 -53.47	152.15 8.87 -50.87	136.46 9.42 -31.85
E179THST_13_KV_LOAD 356214	115.91 7.56 -31.15	116.56 7.01 -35.77	111.96 7.13 -30.60	109.28 6.82 -31.41	111.79 7.26 -28.07	126.70 10.18 -13.66	154.24 13.27 -8.31	173.43 14.60 -9.85	167.27 14.18 -6.95	150.96 12.64 -15.59	149.12 11.43 -24.48	140.76 9.55 -37.63	132.49 9.05 -34.70	134.27 8.48 -42.69	140.88 8.22 -51.30	158.44 10.79 -38.70	193.89 15.27 -28.87	271.48 17.78 -79.37	247.97 16.27 -75.22	209.67 15.26 -44.82	186.38 12.76 -36.41	173.38 10.50 -53.47	152.61 9.33 -50.87	136.84 9.80 -31.85
EAST HAMPTON___GT 23717	140.74 12.04 -51.51	133.22 11.29 -48.16	122.63 11.66 -36.74	113.74 11.30 -31.39	122.33 12.08 -33.80	132.34 15.83 -13.65	160.47 19.51 -8.30	180.57 21.75 -9.84	174.86 21.78 -6.94	157.20 18.89 -15.58	154.78 17.10 -24.48	152.84 15.07 -44.17	150.98 14.37 -47.86	151.62 13.46 -55.06	152.51 13.02 -58.13	164.84 17.21 -38.67	203.29 25.76 -27.79	260.57 30.86 -55.38	245.79 27.38 -61.94	219.50 25.12 -44.78	195.98 22.37 -36.39	180.03 17.18 -53.44	158.48 15.24 -50.84	151.45 15.52 -40.74
EAST RIVER___6 23660	115.20 6.87 -31.14	115.81 6.27 -35.76	111.21 6.39 -30.59	108.56 6.11 -31.40	111.02 6.50 -28.06	125.35 8.85 -13.65	152.12 11.15 -8.31	171.18 12.36 -9.85	166.25 13.16 -6.95	158.30 12.15 -23.42	148.50 10.76 -24.54	140.52 8.99 -37.94	135.11 8.61 -37.76	135.45 7.98 -44.37	140.40 7.73 -51.30	164.70 10.79 -44.96	220.71 15.57 -55.40	271.02 18.47 -78.23	247.96 16.90 -74.58	209.81 15.41 -44.81	186.66 13.04 -36.40	173.15 10.28 -53.46	152.33 9.06 -50.86	135.40 8.38 -31.84
EAST RIVER___7 23524	115.20 6.87 -31.14	115.81 6.27 -35.76	111.21 6.39 -30.59	108.56 6.11 -31.40	111.02 6.50 -28.06	125.35 8.85 -13.65	152.12 11.15 -8.31	171.18 12.36 -9.85	166.25 13.16 -6.95	158.30 12.15 -23.42	148.50 10.76 -24.54	140.52 8.99 -37.94	135.11 8.61 -37.76	135.45 7.98 -44.37	140.40 7.73 -51.30	164.70 10.79 -44.96	220.71 15.57 -55.40	271.02 18.47 -78.23	247.96 16.90 -74.58	209.81 15.41 -44.81	186.66 13.04 -36.40	173.15 10.28 -53.46	152.33 9.06 -50.86	135.40 8.38 -31.84
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	114.65 6.41 -31.05	115.34 5.90 -35.66	110.75 6.01 -30.50	108.11 5.75 -31.31	110.55 6.12 -27.98	124.70 8.23 -13.61	151.82 10.88 -8.28	170.86 12.07 -9.81	165.48 12.42 -6.92	149.36 11.17 -15.47	147.79 10.19 -24.40	139.51 8.42 -37.50	131.29 7.99 -34.56	133.04 7.40 -42.54	139.66 7.16 -51.13	156.95 9.48 -38.52	190.81 13.63 -27.45	244.73 16.21 -54.19	232.54 14.86 -61.20	208.02 13.76 -44.66	184.90 11.39 -36.29	172.01 9.30 -53.30	151.23 8.13 -50.70	134.92 8.00 -31.75
EAST_HAMPTON___DIESEL 23722	140.74 12.04 -51.51	133.22 11.29 -48.16	122.70 11.73 -36.74	113.74 11.30 -31.39	122.42 12.16 -33.80	132.34 15.83 -13.65	160.47 19.51 -8.30	180.57 21.75 -9.84	174.86 21.78 -6.94	157.20 18.89 -15.58	154.78 17.10 -24.48	152.92 15.16 -44.17	150.98 14.37 -47.86	151.62 13.46 -55.06	152.51 13.02 -58.13	164.84 17.21 -38.67	203.29 25.76 -27.79	260.57 30.86 -55.38	245.96 27.55 -61.94	219.50 25.12 -44.78	195.98 22.37 -36.39	180.03 17.18 -53.44	158.58 15.34 -50.84	151.45 15.52 -40.74
EAST_PULASKI___ESR 323781	78.85 -0.69 -2.36	75.75 -0.74 -2.71	75.81 -0.74 -2.31	72.78 -0.64 -2.38	77.90 -0.69 -2.12	102.86 -1.03 -1.03	132.10 -1.19 -0.63	147.79 -1.94 -0.74	144.77 -1.90 -0.52	122.88 -0.98 -1.13	114.03 -1.02 -1.85	95.78 -0.66 -2.84	90.82 -0.53 -2.61	85.91 -0.42 -3.22	84.84 -0.41 -3.88	111.30 -0.54 -2.89	151.05 -0.60 -1.91	177.77 0.00 -3.45	161.22 0.47 -4.28	152.83 -0.15 -3.39	139.42 -0.55 -2.76	112.91 -0.55 -4.05	95.49 -0.65 -3.74	96.86 -0.67 -2.34
EAST_RIVER___1 323558	115.29 6.95 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.12 11.15 -8.31	171.18 12.36 -9.85	166.25 13.16 -6.95	158.18 12.03 -23.42	148.38 10.64 -24.54	140.43 8.90 -37.94	135.11 8.61 -37.76	135.37 7.90 -44.37	140.31 7.65 -51.30	164.60 10.68 -44.96	220.56 15.43 -55.40	270.85 18.30 -78.23	247.81 16.75 -74.58	209.67 15.27 -44.81	186.66 13.04 -36.40	173.27 10.40 -53.46	152.33 9.06 -50.86	135.49 8.47 -31.84
EAST_RIVER___2 323559	115.20 6.87 -31.14	115.81 6.27 -35.76	111.21 6.39 -30.59	108.56 6.11 -31.40	111.02 6.50 -28.06	125.35 8.85 -13.65	152.12 11.15 -8.31	171.18 12.36 -9.85	166.25 13.16 -6.95	158.30 12.15 -23.42	148.50 10.76 -24.54	140.52 8.99 -37.94	135.11 8.61 -37.76	135.45 7.98 -44.37	140.40 7.73 -51.30	164.70 10.79 -44.96	220.71 15.57 -55.40	271.02 18.47 -78.23	247.96 16.90 -74.58	209.81 15.41 -44.81	186.66 13.04 -36.40	173.15 10.28 -53.46	152.33 9.06 -50.86	135.40 8.38 -31.84
EAST___DELAWARE_HYD 23607	112.26 6.95 -28.12	112.57 6.49 -32.29	108.46 6.60 -27.62	105.58 6.18 -28.35	108.53 6.73 -25.34	124.33 9.15 -12.33	151.70 11.54 -7.50	169.93 12.06 -8.88	164.82 12.42 -6.26	146.92 10.67 -13.52	144.69 9.39 -22.09	135.21 7.68 -33.94	127.30 7.46 -31.11	128.42 6.89 -38.42	134.35 6.67 -46.31	153.04 9.59 -34.49	186.80 14.23 -22.83	233.21 17.79 -41.09	223.45 15.97 -51.01	204.71 14.67 -40.45	182.44 12.35 -32.87	167.74 10.06 -48.27	147.19 8.87 -45.92	132.31 8.38 -28.75
EIGHT_POINT___WT_PWR 323820	83.83 0.23 -6.40	81.43 0.30 -7.35	80.82 0.30 -6.29	77.93 0.43 -6.46	82.38 0.15 -5.77	106.39 0.73 -2.81	135.17 0.80 -1.71	148.77 -2.23 -2.02	144.50 -3.08 -1.43	124.21 -1.60 -3.08	116.42 -1.82 -5.03	99.92 -1.40 -7.73	94.78 -1.06 -7.10	90.79 -1.08 -8.77	91.12 -0.81 -10.57	115.41 -1.42 -7.87	154.50 -0.45 -5.21	184.05 0.35 -9.38	169.84 1.72 -11.64	158.08 -0.74 -9.23	144.03 -0.68 -7.50	119.88 -0.54 -11.01	102.61 -0.28 -10.48	102.60 0.85 -6.56
ELBRIDGE_115KV_TB2 80188	80.50 -0.08 -3.38	77.59 -0.07 -3.88	77.41 -0.15 -3.32	74.39 -0.07 -3.41	79.35 -0.15 -3.05	104.03 -0.31 -1.48	133.17 -0.40 -0.90	148.85 -1.19 -1.07	145.73 -1.17 -0.75	123.74 -0.61 -1.63	115.29 -0.57 -2.66	97.30 -0.37 -4.08	92.11 -0.35 -3.72	87.36 -0.33 -4.59	86.58 -0.33 -5.53	112.53 -0.54 -4.12	152.02 -0.45 -2.73	179.23 0.00 -4.91	162.88 0.31 -6.10	154.43 0.00 -4.83	140.73 -0.41 -3.93	114.74 -0.44 -5.77	97.41 -0.46 -5.47	98.23 -0.38 -3.43
ELEC_TRO_TEK 24086	136.42 7.72 -51.51	129.09 7.16 -48.16	118.25 7.28 -36.74	109.33 6.89 -31.39	117.68 7.42 -33.80	126.48 9.98 -13.65	153.83 12.87 -8.30	173.12 14.30 -9.84	167.69 14.61 -6.93	151.56 13.25 -15.58	149.80 12.11 -24.48	147.78 10.01 -44.17	146.19 9.58 -47.87	147.05 8.89 -55.06	148.12 8.63 -58.13	158.63 11.00 -38.67	193.25 15.72 -27.79	248.01 18.30 -55.38	235.31 16.90 -61.94	209.93 15.56 -44.78	186.51 12.90 -36.39	173.24 10.39 -53.44	152.39 9.15 -50.84	145.54 9.61 -40.74
ELLENBURG_WT_PWR 323604	75.11 -2.08 0.00	72.01 -1.77 0.00	72.39 -1.85 0.00	68.92 -2.13 0.00	74.63 -1.84 0.00	100.69 -2.16 0.00	126.96 -5.70 0.00	142.58 -6.40 0.00	139.57 -6.57 0.00	116.22 -6.51 0.00	109.35 -3.85 0.00	90.87 -2.72 0.00	85.82 -2.93 0.00	80.36 -2.74 0.00	78.85 -2.52 0.00	106.02 -2.94 0.00	142.55 -7.18 0.00	167.17 -7.15 0.00	149.44 -7.04 0.00	143.76 -5.84 0.00	131.86 -5.35 0.00	106.46 -2.95 0.00	90.28 -2.12 0.00	94.04 -1.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	78.81 -3.32 -4.93	76.20 -3.25 -5.66	75.74 -3.34 -4.84	72.96 -3.06 -4.97	77.08 -3.82 -4.44	100.29 -4.73 -2.16	125.89 -8.09 -1.32	136.68 -13.85 -1.56	133.51 -13.74 -1.10	115.03 -10.06 -2.37	107.00 -10.08 -3.88	91.97 -7.58 -5.96	87.46 -6.74 -5.46	83.45 -6.40 -6.75	83.15 -6.35 -8.13	105.21 -9.81 -6.06	141.32 -12.43 -4.01	167.42 -14.12 -7.22	154.17 -11.27 -8.96	145.48 -11.22 -7.10	131.05 -11.94 -5.77	108.92 -8.97 -8.48	94.36 -6.10 -8.05	95.65 -4.57 -5.04
EMPIRE_CC_1 323656	117.48 3.17 -37.12	119.36 2.95 -42.62	113.67 2.97 -36.46	111.38 2.91 -37.42	112.96 3.06 -33.44	123.35 4.22 -16.27	147.87 5.31 -9.90	166.37 5.66 -11.73	159.96 5.55 -8.27	145.11 4.54 -17.84	146.66 4.30 -29.16	142.04 3.65 -44.80	133.25 3.46 -41.05	137.13 3.33 -50.71	145.74 3.26 -61.11	158.72 4.25 -45.52	185.71 5.83 -30.13	235.34 6.79 -54.23	230.05 6.27 -67.31	208.65 5.68 -53.38	186.09 5.49 -43.38	177.37 4.26 -63.70	156.70 3.70 -60.60	137.31 4.18 -37.94
EMPIRE_CC_2 323658	117.48 3.17 -37.12	119.36 2.95 -42.62	113.67 2.97 -36.46	111.38 2.91 -37.42	112.96 3.06 -33.44	123.35 4.22 -16.27	147.87 5.31 -9.90	166.37 5.66 -11.73	159.96 5.55 -8.27	145.11 4.54 -17.84	146.66 4.30 -29.16	142.04 3.65 -44.80	133.25 3.46 -41.05	137.13 3.33 -50.71	145.74 3.26 -61.11	158.72 4.25 -45.52	185.71 5.83 -30.13	235.34 6.79 -54.23	230.05 6.27 -67.31	208.65 5.68 -53.38	186.09 5.49 -43.38	177.37 4.26 -63.70	156.70 3.70 -60.60	137.31 4.18 -37.94
ENORWICH_115KV_TB1 80156	94.14 7.18 -9.77	91.86 6.86 -11.22	90.66 6.83 -9.60	87.72 6.82 -9.85	92.83 7.57 -8.80	117.94 10.80 -4.28	151.06 15.79 -2.60	168.90 16.83 -3.09	164.84 16.51 -2.18	141.90 14.48 -4.70	134.01 13.13 -7.68	116.33 10.95 -11.79	109.81 10.21 -10.87	106.16 9.64 -13.42	106.98 9.44 -16.17	134.30 13.29 -12.05	177.48 19.77 -7.98	213.43 24.75 -14.35	197.45 23.16 -17.82	184.51 20.79 -14.13	166.67 17.98 -11.48	140.60 14.33 -16.86	119.80 11.37 -16.03	116.74 11.52 -10.04
ERIE_ST__34_KV_TB1-2 80199	78.73 -3.55 -5.09	76.15 -3.47 -5.84	75.67 -3.56 -5.00	72.91 -3.27 -5.13	76.99 -4.05 -4.58	100.05 -5.04 -2.23	126.06 -7.96 -1.36	137.03 -13.56 -1.61	133.83 -13.45 -1.13	115.35 -9.82 -2.45	107.35 -9.85 -4.00	92.34 -7.39 -6.14	87.81 -6.57 -5.63	83.74 -6.32 -6.96	83.49 -6.27 -8.39	105.61 -9.59 -6.25	141.89 -11.98 -4.14	168.34 -13.42 -7.44	155.23 -10.48 -9.24	146.15 -10.77 -7.33	131.64 -11.53 -5.95	109.51 -8.64 -8.74	94.70 -6.01 -8.31	95.72 -4.66 -5.20
ERIE_WT_PWR 323693	79.21 -3.01 -5.03	76.61 -2.95 -5.78	76.13 -3.05 -4.94	73.35 -2.77 -5.07	77.48 -3.52 -4.53	100.75 -4.32 -2.21	127.38 -6.63 -1.34	138.80 -11.77 -1.59	134.84 -12.42 -1.12	116.44 -8.71 -2.42	108.67 -8.49 -3.96	92.93 -6.74 -6.08	88.45 -5.86 -5.57	84.41 -5.57 -6.88	84.12 -5.54 -8.29	105.98 -9.15 -6.17	142.44 -11.39 -4.09	168.26 -13.42 -7.35	155.12 -10.48 -9.13	143.96 -12.87 -7.24	131.71 -11.39 -5.88	109.73 -8.32 -8.64	94.89 -5.73 -8.22	96.33 -3.99 -5.15
ESPRGFLD_115KV_TB1 80157	83.26 5.56 -0.51	79.82 5.46 -0.58	80.23 5.49 -0.50	76.75 5.19 -0.51	82.58 5.66 -0.46	111.00 7.92 -0.22	143.94 11.14 -0.14	160.76 11.62 -0.16	157.95 11.69 -0.11	133.28 10.31 -0.24	123.00 9.40 -0.40	101.88 7.67 -0.61	96.59 7.28 -0.57	90.54 6.73 -0.71	88.73 6.51 -0.85	118.52 8.93 -0.63	162.89 12.73 -0.42	190.77 15.69 -0.76	172.12 14.71 -0.94	163.80 13.46 -0.74	149.62 11.80 -0.60	120.15 9.85 -0.89	101.10 7.85 -0.84	103.51 7.80 -0.53
ETNA_115_KV_TB1_REV_LBMP_C 345029	86.60 2.39 -7.02	84.13 2.29 -8.06	83.43 2.30 -6.89	80.40 2.27 -7.08	85.23 2.45 -6.32	109.22 3.29 -3.08	139.31 4.78 -1.87	155.52 4.32 -2.22	152.09 4.38 -1.56	130.03 3.93 -3.37	122.11 3.40 -5.51	104.78 2.71 -8.47	99.19 2.57 -7.88	95.24 2.41 -9.73	95.45 2.36 -11.72	121.17 3.49 -8.73	161.21 5.69 -5.78	192.40 7.67 -10.40	176.90 7.51 -12.91	166.41 6.58 -10.24	150.89 5.35 -8.32	125.68 4.05 -12.22	107.16 3.14 -11.62	105.79 3.33 -7.27
ETNA____115KV_TB2 80207	86.60 2.39 -7.02	84.13 2.29 -8.06	83.43 2.30 -6.89	80.40 2.27 -7.08	85.23 2.45 -6.32	109.22 3.29 -3.08	139.31 4.78 -1.87	155.52 4.32 -2.22	152.09 4.38 -1.56	130.03 3.93 -3.37	122.11 3.40 -5.51	104.78 2.71 -8.47	99.19 2.57 -7.88	95.24 2.41 -9.73	95.45 2.36 -11.72	121.17 3.49 -8.73	161.21 5.69 -5.78	192.40 7.67 -10.40	176.90 7.51 -12.91	166.41 6.58 -10.24	150.89 5.35 -8.32	125.68 4.05 -12.22	107.16 3.14 -11.62	105.79 3.33 -7.27
EUCLID___115KV_TB2 356179	79.25 -0.62 -2.68	76.27 -0.59 -3.08	76.28 -0.59 -2.63	73.18 -0.57 -2.70	78.26 -0.61 -2.41	103.00 -1.03 -1.17	132.05 -1.33 -0.71	147.59 -2.23 -0.85	144.70 -2.05 -0.60	122.66 -1.35 -1.29	113.95 -1.36 -2.10	95.89 -0.94 -3.23	90.82 -0.89 -2.96	85.93 -0.83 -3.66	84.97 -0.81 -4.41	110.93 -1.31 -3.28	150.27 -1.65 -2.17	176.49 -1.74 -3.91	160.24 -1.10 -4.86	152.10 -1.35 -3.85	138.70 -1.65 -3.13	112.69 -1.31 -4.60	95.74 -1.02 -4.35	96.96 -0.95 -2.73
E_CANADA_CAP_HY 24051	129.23 6.40 -45.64	132.46 6.27 -52.41	125.37 6.31 -44.83	122.96 5.89 -46.01	123.92 6.34 -41.12	131.81 8.94 -20.01	157.03 12.20 -12.17	176.21 12.81 -14.42	168.73 12.42 -10.16	155.34 10.67 -21.94	158.80 9.74 -35.86	156.54 7.86 -55.09	146.77 7.54 -50.49	152.36 6.89 -62.36	163.27 6.75 -75.16	174.41 9.47 -55.98	200.42 13.62 -37.06	257.92 16.90 -66.69	254.90 15.65 -82.78	229.46 14.22 -65.65	203.46 12.89 -53.35	198.92 11.17 -78.34	175.71 8.78 -74.53	150.60 8.75 -46.67
E_CANADA_MHWK_HY 24050	78.04 0.85 0.00	74.67 0.89 0.00	75.20 0.96 0.00	72.12 1.07 0.00	77.76 1.30 0.00	104.71 1.85 0.00	135.32 2.65 0.00	152.11 3.13 0.00	149.36 3.21 0.00	125.80 3.07 0.00	116.14 2.94 0.00	96.12 2.53 0.00	91.22 2.48 0.00	85.51 2.41 0.00	83.81 2.44 0.00	112.34 3.38 0.00	154.53 4.79 0.00	180.07 5.74 0.00	161.63 5.16 0.00	154.23 4.64 0.00	141.33 4.11 0.00	112.81 3.40 0.00	95.27 2.87 0.00	98.23 3.05 0.00
E_FISHKILL___LBMP 23776	114.92 5.64 -32.09	115.87 5.24 -36.85	111.03 5.27 -31.52	108.45 5.04 -32.35	110.80 5.43 -28.91	124.23 7.30 -14.07	150.77 9.55 -8.56	169.55 10.43 -10.14	164.11 10.81 -7.15	147.68 9.57 -15.38	147.13 8.72 -25.21	139.53 7.21 -38.73	131.05 6.83 -35.48	133.33 6.40 -43.84	140.39 6.18 -52.84	156.45 8.17 -39.32	187.06 11.53 -25.80	232.81 13.77 -44.72	226.15 12.67 -57.00	207.42 11.67 -46.16	184.60 9.88 -37.51	172.59 8.10 -55.08	151.82 7.02 -52.40	135.04 7.04 -32.81
FALCON___SEABRD_CC1 323796	76.04 -1.16 0.00	72.90 -0.88 0.00	73.35 -0.89 0.00	69.84 -1.21 0.00	75.62 -0.84 0.00	102.03 -0.83 0.00	127.49 -5.18 0.00	141.98 -7.00 0.00	139.13 -7.01 0.00	115.98 -6.75 0.00	110.03 -3.17 0.00	91.62 -1.97 0.00	86.53 -2.22 0.00	81.03 -2.07 0.00	79.50 -1.87 0.00	106.88 -2.07 0.00	142.40 -7.33 0.00	167.01 -7.32 0.00	149.28 -7.20 0.00	143.60 -5.99 0.00	131.58 -5.63 0.00	107.00 -2.41 0.00	90.92 -1.48 0.00	95.28 0.10 0.00
FALCON___SEABRD_CC2 323797	76.04 -1.16 0.00	72.90 -0.88 0.00	73.35 -0.89 0.00	69.84 -1.21 0.00	75.62 -0.84 0.00	102.03 -0.83 0.00	127.49 -5.18 0.00	141.98 -7.00 0.00	139.13 -7.01 0.00	115.98 -6.75 0.00	110.03 -3.17 0.00	91.62 -1.97 0.00	86.53 -2.22 0.00	81.03 -2.07 0.00	79.50 -1.87 0.00	106.88 -2.07 0.00	142.40 -7.33 0.00	167.01 -7.32 0.00	149.28 -7.20 0.00	143.60 -5.99 0.00	131.58 -5.63 0.00	107.00 -2.41 0.00	90.92 -1.48 0.00	95.28 0.10 0.00

FAR ROCKAWAY___4 23548	137.51 8.80 -51.51	130.12 8.19 -48.16	119.22 8.24 -36.74	110.25 7.82 -31.39	118.67 8.41 -33.80	127.82 11.31 -13.65	155.96 14.99 -8.30	175.35 16.54 -9.84	170.03 16.95 -6.93	153.52 15.22 -15.58	151.61 13.92 -24.48	149.28 11.51 -44.17	147.61 11.00 -47.87	148.38 10.22 -55.06	149.35 9.85 -58.13	160.27 12.64 -38.67	195.65 18.12 -27.79	251.15 21.44 -55.38	238.13 19.72 -61.94	212.62 18.25 -44.78	188.84 15.23 -36.39	174.99 12.14 -53.44	153.77 10.53 -50.84	146.87 10.95 -40.74
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	115.36 7.02 -31.14	116.04 6.49 -35.76	111.43 6.61 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.66 9.15 -13.65	153.05 12.07 -8.31	172.23 13.41 -9.85	166.98 13.88 -6.95	159.05 12.52 -23.81	149.07 11.32 -24.54	140.91 9.36 -37.96	135.62 8.96 -37.92	135.86 8.31 -44.45	140.64 7.97 -51.30	164.80 10.57 -45.27	221.63 15.12 -56.77	271.64 17.96 -79.36	248.27 16.59 -75.21	209.66 15.26 -44.81	186.24 12.62 -36.40	173.16 10.28 -53.46	152.32 9.06 -50.87	135.78 8.76 -31.84
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	115.36 7.02 -31.14	116.04 6.49 -35.76	111.43 6.61 -30.59	108.77 6.32 -31.40	111.25 6.73 -28.06	125.66 9.15 -13.65	153.05 12.07 -8.31	172.23 13.41 -9.85	166.98 13.88 -6.95	159.05 12.52 -23.81	149.07 11.32 -24.54	140.91 9.36 -37.96	135.62 8.96 -37.92	135.86 8.31 -44.45	140.64 7.97 -51.30	164.80 10.57 -45.27	221.63 15.12 -56.77	271.82 18.13 -79.36	248.27 16.59 -75.21	209.81 15.41 -44.81	186.38 12.76 -36.40	173.16 10.28 -53.46	152.32 9.06 -50.87	135.78 8.76 -31.84
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	115.36 7.02 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.91 11.94 -8.31	172.08 13.26 -9.85	166.83 13.74 -6.95	158.93 12.40 -23.81	149.07 11.32 -24.54	140.91 9.36 -37.96	135.53 8.87 -37.92	135.78 8.23 -44.45	140.56 7.89 -51.30	164.80 10.57 -45.27	221.63 15.12 -56.77	271.64 17.96 -79.36	248.11 16.43 -75.21	209.66 15.26 -44.81	186.24 12.62 -36.40	173.16 10.28 -53.46	152.23 8.96 -50.87	135.69 8.66 -31.84
FARRAGUT___LBMP 323566	115.28 6.95 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.78 11.81 -8.31	171.93 13.11 -9.85	166.69 13.59 -6.95	158.81 12.27 -23.81	148.95 11.21 -24.54	140.82 9.27 -37.96	135.53 8.87 -37.92	135.78 8.23 -44.45	140.56 7.89 -51.30	164.69 10.46 -45.27	221.48 14.97 -56.77	271.47 17.78 -79.36	247.96 16.27 -75.21	209.51 15.11 -44.81	186.11 12.49 -36.40	173.05 10.18 -53.46	152.14 8.87 -50.87	135.69 8.66 -31.84
FENNER___WINDPWR 24204	83.31 2.31 -3.80	80.36 2.21 -4.37	80.20 2.23 -3.73	77.01 2.13 -3.83	82.26 2.37 -3.43	107.91 3.39 -1.67	138.59 4.91 -1.01	155.39 5.21 -1.20	151.96 4.97 -0.85	129.10 4.54 -1.83	120.38 4.19 -2.99	101.74 3.56 -4.59	96.28 3.29 -4.25	91.43 3.08 -5.26	90.71 3.01 -6.33	117.81 4.14 -4.72	158.86 6.00 -3.12	187.26 7.32 -5.62	170.33 6.88 -6.98	160.81 5.68 -5.53	146.79 5.08 -4.50	120.06 4.05 -6.60	101.92 3.23 -6.28	102.54 3.42 -3.93
FIBERTEK___ENERGY 23856	80.70 0.31 -3.20	77.74 0.30 -3.67	77.67 0.30 -3.14	74.55 0.28 -3.22	79.57 0.23 -2.88	104.46 0.21 -1.40	133.91 0.40 -0.85	149.69 -0.30 -1.01	146.71 -0.15 -0.71	124.51 0.25 -1.54	115.94 0.23 -2.51	97.73 0.28 -3.86	92.53 0.27 -3.52	87.70 0.25 -4.35	86.85 0.24 -5.24	113.08 0.22 -3.90	152.92 0.60 -2.58	180.02 1.05 -4.65	163.65 1.41 -5.77	155.22 1.05 -4.58	141.48 0.55 -3.72	115.20 0.33 -5.46	97.67 0.09 -5.18	98.61 0.19 -3.24
FITZPATRICK___ 23598	77.14 -1.93 -1.88	74.02 -1.92 -2.16	74.15 -1.93 -1.84	71.17 -1.77 -1.89	76.16 -1.99 -1.69	100.69 -2.99 -0.82	129.31 -3.85 -0.50	144.95 -4.62 -0.59	141.88 -4.68 -0.42	119.95 -3.68 -0.90	111.28 -3.39 -1.47	93.24 -2.62 -2.27	88.33 -2.48 -2.07	83.33 -2.33 -2.56	82.17 -2.28 -3.08	107.87 -3.38 -2.30	146.77 -4.49 -1.52	172.00 -5.06 -2.73	155.65 -4.22 -3.39	147.64 -4.64 -2.69	135.15 -4.25 -2.19	109.34 -3.28 -3.21	92.78 -2.68 -3.06	94.43 -2.66 -1.91
FLOWRFLD_69_KV_BK1 356044	137.81 9.11 -51.51	130.49 8.56 -48.16	119.74 8.76 -36.74	110.75 8.31 -31.39	119.20 8.95 -33.80	128.33 11.83 -13.65	155.69 14.73 -8.30	174.46 15.64 -9.84	169.01 15.93 -6.93	153.28 14.97 -15.58	151.38 13.70 -24.48	149.18 11.42 -44.17	147.52 10.92 -47.87	148.30 10.14 -55.06	149.43 9.93 -58.13	159.40 11.77 -38.67	193.55 16.02 -27.79	248.19 18.48 -55.38	236.10 17.68 -61.94	210.23 15.86 -44.78	186.64 13.04 -36.39	173.03 10.18 -53.44	152.94 9.70 -50.84	147.16 11.23 -40.74
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	115.34 6.95 -31.20	116.10 6.49 -35.83	111.49 6.61 -30.65	108.76 6.25 -31.46	111.23 6.65 -28.11	125.69 9.15 -13.68	152.79 11.81 -8.32	171.35 12.51 -9.86	166.25 13.15 -6.95	149.02 11.29 -15.00	147.91 10.19 -24.51	139.77 8.52 -37.66	131.24 7.99 -34.51	133.13 7.40 -42.63	139.91 7.16 -51.38	156.70 9.48 -38.27	188.85 13.78 -25.34	237.00 17.08 -45.59	228.56 15.49 -56.60	208.83 14.36 -44.88	185.63 11.94 -36.47	172.82 9.85 -53.56	151.85 8.50 -50.95	135.46 8.38 -31.90
FORT ORANGE___ 23900	118.79 3.39 -38.21	120.90 3.24 -43.87	114.96 3.19 -37.53	112.62 3.05 -38.52	114.17 3.29 -34.42	124.13 4.52 -16.75	148.83 5.98 -10.19	166.12 5.07 -12.07	159.63 4.97 -8.51	145.27 4.18 -18.37	146.95 3.73 -30.02	142.79 3.08 -46.12	133.93 2.92 -42.26	138.04 2.74 -52.21	147.05 2.77 -62.92	158.98 3.16 -46.86	184.95 4.19 -31.03	235.38 5.22 -55.83	230.47 4.69 -69.30	208.73 4.18 -54.96	186.14 4.26 -44.66	178.39 3.40 -65.58	157.56 2.77 -62.39	137.10 2.85 -39.07
FORT_DRUM_COGEN 23780	78.03 -0.54 -1.37	74.69 -0.66 -1.58	74.99 -0.59 -1.35	71.93 -0.50 -1.38	77.62 -0.08 -1.24	103.97 0.51 -0.60	135.15 2.12 -0.37	152.54 3.13 -0.43	149.08 2.63 -0.31	125.47 2.09 -0.66	116.43 2.15 -1.08	97.12 1.87 -1.66	91.08 0.80 -1.54	85.92 0.91 -1.90	84.48 0.81 -2.29	112.41 1.74 -1.71	153.71 2.85 -1.13	181.07 4.71 -2.04	163.23 4.22 -2.53	154.74 3.14 -2.00	140.90 2.06 -1.63	113.22 1.42 -2.39	95.69 0.65 -2.64	97.12 0.29 -1.65
FOX_HILLS___ESR 323835	116.07 7.72 -31.15	116.71 7.16 -35.77	112.04 7.20 -30.60	109.35 6.89 -31.41	111.87 7.34 -28.07	126.39 9.87 -13.66	153.71 12.74 -8.31	172.53 13.71 -9.85	166.84 13.74 -6.95	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.10 8.70 -38.66	136.10 8.14 -44.86	140.65 7.97 -51.31	166.31 10.57 -46.78	228.26 15.12 -63.40	277.31 18.13 -84.85	251.46 16.74 -78.25	210.12 15.71 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.88 9.61 -50.87	136.46 9.42 -31.85
FPL_FAR_ROCK_GT1 24212	137.50 8.80 -51.51	130.12 8.19 -48.16	119.22 8.24 -36.74	110.25 7.82 -31.39	118.67 8.41 -33.80	127.82 11.31 -13.65	155.17 14.20 -8.31	174.61 15.78 -9.84	169.31 16.22 -6.94	152.66 14.35 -15.58	150.70 13.01 -24.49	148.90 11.13 -44.18	147.35 10.73 -47.87	148.13 9.97 -55.07	149.10 9.60 -58.14	160.59 12.96 -38.68	196.55 19.02 -27.80	252.54 22.83 -55.38	239.07 20.65 -61.94	213.22 18.85 -44.78	189.93 16.32 -36.39	175.65 12.79 -53.44	154.51 11.27 -50.84	146.77 10.85 -40.74
FPL_FAR_ROCK_GT2 23815	137.50 8.80 -51.51	130.12 8.19 -48.16	119.22 8.24 -36.74	110.25 7.82 -31.39	118.67 8.41 -33.80	127.82 11.31 -13.65	155.17 14.20 -8.31	174.61 15.78 -9.84	169.31 16.22 -6.94	152.66 14.35 -15.58	150.70 13.01 -24.49	148.90 11.13 -44.18	147.35 10.73 -47.87	148.13 9.97 -55.07	149.10 9.60 -58.14	160.59 12.96 -38.68	196.55 19.02 -27.80	252.54 22.83 -55.38	239.07 20.65 -61.94	213.22 18.85 -44.78	189.93 16.32 -36.39	175.65 12.79 -53.44	154.51 11.27 -50.84	146.77 10.85 -40.74

FRANKLIN_FALL_HYD 24054	74.96 -2.24 0.00	71.79 -1.99 0.00	72.23 -2.00 0.00	68.77 -2.27 0.00	74.47 -1.99 0.00	100.39 -2.47 0.00	127.09 -5.57 0.00	143.76 -5.21 0.00	140.88 -5.26 0.00	117.20 -5.52 0.00	109.92 -3.28 0.00	91.53 -2.06 0.00	86.44 -2.31 0.00	80.94 -2.16 0.00	79.33 -2.03 0.00	106.78 -2.18 0.00	143.60 -6.14 0.00	168.75 -5.58 0.00	150.37 -6.10 0.00	143.91 -5.68 0.00	132.28 -4.94 0.00	106.46 -2.95 0.00	90.46 -1.94 0.00	93.75 -1.43 0.00
FREEPORT_EQUS_GT1 23764	137.04 8.34 -51.51	129.68 7.74 -48.16	118.84 7.87 -36.74	109.90 7.46 -31.39	118.28 8.03 -33.80	127.30 10.80 -13.65	154.10 13.14 -8.30	173.57 14.75 -9.84	168.14 15.06 -6.94	151.68 13.38 -15.58	149.35 11.66 -24.49	147.88 10.11 -44.18	146.37 9.76 -47.87	147.22 9.06 -55.06	148.21 8.71 -58.13	159.40 11.77 -38.68	195.04 17.51 -27.79	250.97 21.26 -55.38	237.50 19.08 -61.94	211.72 17.34 -44.78	188.57 14.96 -36.39	174.89 12.04 -53.44	153.86 10.62 -50.84	146.30 10.38 -40.74
FREEPORT___CT2 23818	137.04 8.34 -51.51	129.68 7.74 -48.16	118.84 7.87 -36.74	109.90 7.46 -31.39	118.28 8.03 -33.80	127.30 10.80 -13.65	154.10 13.14 -8.30	173.57 14.75 -9.84	168.14 15.06 -6.94	151.68 13.38 -15.58	149.35 11.66 -24.49	147.88 10.11 -44.18	146.37 9.76 -47.87	147.22 9.06 -55.06	148.21 8.71 -58.13	159.40 11.77 -38.68	195.04 17.51 -27.79	250.97 21.26 -55.38	237.50 19.08 -61.94	211.72 17.34 -44.78	188.57 14.96 -36.39	174.89 12.04 -53.44	153.86 10.62 -50.84	146.30 10.38 -40.74
FRESHKLS_33_KV_LOAD 356253	116.07 7.72 -31.15	116.71 7.16 -35.77	112.04 7.20 -30.60	109.35 6.89 -31.41	111.87 7.34 -28.07	126.29 9.77 -13.66	153.58 12.60 -8.31	172.23 13.41 -9.85	166.25 13.15 -6.95	158.33 11.78 -23.82	148.40 10.64 -24.55	140.36 8.80 -37.97	135.01 8.34 -37.93	135.38 7.81 -44.46	140.32 7.65 -51.31	165.98 10.24 -46.78	227.81 14.67 -63.40	276.96 17.78 -84.85	251.15 16.43 -78.25	209.97 15.56 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.88 9.61 -50.87	136.46 9.42 -31.85
FULTON COGEN____ 23766	78.86 -0.85 -2.52	75.86 -0.81 -2.89	75.82 -0.89 -2.47	72.80 -0.78 -2.54	77.81 -0.92 -2.27	102.52 -1.44 -1.10	131.48 -1.86 -0.67	147.09 -2.68 -0.80	144.22 -2.48 -0.56	122.22 -1.72 -1.21	113.60 -1.58 -1.98	95.41 -1.22 -3.04	90.46 -1.06 -2.78	85.54 -1.00 -3.44	84.54 -0.98 -4.14	110.73 -1.31 -3.09	150.13 -1.65 -2.04	176.61 -1.39 -3.68	160.25 -0.78 -4.56	152.01 -1.20 -3.62	138.65 -1.51 -2.94	112.42 -1.31 -4.32	95.28 -1.20 -4.07	96.50 -1.24 -2.55
FULTON___LFGE 323630	131.26 10.50 -43.57	134.15 10.33 -50.04	127.35 10.32 -42.80	124.43 9.45 -43.93	125.66 9.94 -39.26	136.16 14.20 -19.10	164.32 20.03 -11.62	183.31 20.57 -13.77	175.72 19.87 -9.71	160.49 16.81 -20.95	162.38 14.94 -34.23	158.17 11.98 -52.59	148.57 11.62 -48.20	153.28 10.64 -59.54	163.63 10.50 -71.76	177.44 15.04 -53.45	207.73 22.61 -35.38	265.72 27.72 -63.67	260.71 25.20 -79.04	235.60 23.33 -62.68	209.70 21.54 -50.94	202.05 17.84 -74.80	177.51 13.95 -71.15	153.53 13.80 -44.56
G.F.CEMENT___DRP 24184	123.24 6.41 -39.63	125.42 6.12 -45.52	119.26 6.09 -38.93	116.77 5.75 -39.96	118.29 6.12 -35.71	128.77 8.54 -17.38	155.30 12.07 -10.57	174.31 12.81 -12.52	167.83 12.86 -8.83	152.70 10.92 -19.05	154.19 9.85 -31.14	149.48 8.05 -47.84	140.22 7.63 -43.84	144.32 7.06 -54.15	153.55 6.92 -65.26	166.94 9.37 -48.61	194.20 12.28 -32.18	247.23 14.99 -57.91	242.13 13.77 -71.89	219.47 12.86 -57.01	195.07 11.53 -46.33	186.63 9.19 -68.03	164.42 7.30 -64.72	143.04 7.33 -40.52
GARDENVILLE___LBMP 24039	78.98 -3.24 -5.03	76.46 -3.10 -5.78	75.91 -3.27 -4.94	73.21 -2.91 -5.07	77.32 -3.67 -4.53	100.54 -4.53 -2.21	126.31 -7.69 -1.34	137.16 -13.41 -1.59	133.97 -13.30 -1.12	115.45 -9.70 -2.42	107.42 -9.74 -3.95	92.27 -7.39 -6.08	87.75 -6.57 -5.57	83.75 -6.23 -6.88	83.48 -6.18 -8.30	105.66 -9.48 -6.18	142.00 -11.83 -4.09	168.26 -13.42 -7.36	154.97 -10.64 -9.14	146.07 -10.77 -7.25	131.72 -11.39 -5.89	109.52 -8.53 -8.65	94.79 -5.82 -8.21	95.95 -4.38 -5.14
GARDNVLA_35_KV_LD 355827	79.29 -2.93 -5.03	76.76 -2.80 -5.78	76.21 -2.97 -4.94	73.42 -2.70 -5.07	77.63 -3.36 -4.53	100.95 -4.11 -2.21	126.84 -7.16 -1.34	137.76 -12.81 -1.59	134.55 -12.71 -1.12	115.94 -9.20 -2.42	107.99 -9.17 -3.96	92.74 -6.93 -6.08	88.20 -6.12 -5.58	84.17 -5.82 -6.89	83.89 -5.78 -8.30	106.20 -8.93 -6.18	142.60 -11.23 -4.09	169.14 -12.55 -7.37	155.76 -9.86 -9.14	146.82 -10.02 -7.25	132.27 -10.84 -5.89	109.97 -8.10 -8.65	95.17 -5.45 -8.22	96.43 -3.90 -5.15
GELCKHM___115KV_LOAD 80723	79.75 -0.31 -2.87	76.78 -0.30 -3.30	76.76 -0.30 -2.82	73.66 -0.28 -2.89	78.74 -0.31 -2.59	103.49 -0.62 -1.26	132.63 -0.80 -0.77	148.40 -1.49 -0.91	145.32 -1.46 -0.64	123.25 -0.86 -1.38	114.66 -0.79 -2.25	96.49 -0.56 -3.46	91.47 -0.44 -3.17	86.60 -0.42 -3.91	85.68 -0.41 -4.72	111.71 -0.76 -3.51	151.16 -0.90 -2.33	177.99 -0.52 -4.18	161.51 -0.16 -5.19	153.26 -0.45 -4.12	139.74 -0.82 -3.35	113.67 -0.66 -4.91	96.41 -0.65 -4.65	97.53 -0.57 -2.91
GENERAL___MILLS 23808	79.14 -3.09 -5.03	76.61 -2.95 -5.78	76.06 -3.12 -4.94	73.28 -2.84 -5.07	77.48 -3.52 -4.53	100.74 -4.32 -2.21	126.58 -7.43 -1.34	137.46 -13.11 -1.59	134.26 -13.01 -1.12	115.70 -9.45 -2.42	107.65 -9.51 -3.96	92.55 -7.11 -6.08	88.02 -6.30 -5.57	83.92 -6.07 -6.89	83.65 -6.02 -8.30	105.88 -9.26 -6.18	142.30 -11.53 -4.09	168.61 -13.07 -7.36	155.29 -10.33 -9.14	146.37 -10.47 -7.25	131.99 -11.11 -5.89	109.75 -8.32 -8.65	94.98 -5.64 -8.22	96.24 -4.09 -5.15
GE_PLASTICS___DRP 24183	118.51 3.09 -38.23	120.63 2.95 -43.90	114.76 2.97 -37.55	112.43 2.84 -38.54	113.89 2.98 -34.44	123.63 4.01 -16.76	147.63 4.78 -10.19	165.82 4.77 -12.08	159.48 4.82 -8.51	145.28 4.17 -18.38	146.97 3.74 -30.03	142.82 3.09 -46.14	134.05 3.02 -42.29	138.16 2.83 -52.24	147.09 2.77 -62.95	159.44 3.60 -46.89	185.72 4.94 -31.04	235.94 5.75 -55.86	231.14 5.32 -69.35	209.52 4.94 -54.99	186.43 4.53 -44.69	178.75 3.72 -65.62	158.06 3.23 -62.43	137.60 3.33 -39.09
GILBOA___1 23756	110.85 3.32 -30.34	112.02 3.40 -34.85	107.46 3.42 -29.80	104.91 3.27 -30.59	107.32 3.52 -27.34	120.48 4.32 -13.30	146.20 5.44 -8.09	164.37 5.80 -9.59	158.76 5.85 -6.76	142.59 5.27 -14.59	141.80 4.75 -23.84	134.24 4.02 -36.63	126.12 3.81 -33.57	128.13 3.57 -41.46	134.83 3.50 -49.97	150.86 4.68 -37.22	180.52 6.14 -24.64	225.29 6.62 -44.34	217.61 6.10 -55.04	199.23 5.99 -43.65	178.31 5.63 -35.47	166.20 4.70 -52.09	146.01 4.06 -49.55	130.30 4.09 -31.03
GILBOA___2 23757	110.85 3.32 -30.34	112.02 3.40 -34.85	107.46 3.42 -29.80	104.91 3.27 -30.59	107.32 3.52 -27.34	120.48 4.32 -13.30	146.20 5.44 -8.09	164.37 5.80 -9.59	158.76 5.85 -6.76	142.59 5.27 -14.59	141.80 4.75 -23.84	134.24 4.02 -36.63	126.12 3.81 -33.57	128.13 3.57 -41.46	134.83 3.50 -49.97	150.86 4.68 -37.22	180.52 6.14 -24.64	225.29 6.62 -44.34	217.61 6.10 -55.04	199.23 5.99 -43.65	178.31 5.63 -35.47	166.20 4.70 -52.09	146.01 4.06 -49.55	130.30 4.09 -31.03
GILBOA___3 23758	110.85 3.32 -30.34	112.02 3.40 -34.85	107.46 3.42 -29.80	104.91 3.27 -30.59	107.32 3.52 -27.34	120.48 4.32 -13.30	146.20 5.44 -8.09	164.37 5.80 -9.59	158.76 5.85 -6.76	142.59 5.27 -14.59	141.80 4.75 -23.84	134.24 4.02 -36.63	126.12 3.81 -33.57	128.13 3.57 -41.46	134.83 3.50 -49.97	150.86 4.68 -37.22	180.52 6.14 -24.64	225.29 6.62 -44.34	217.61 6.10 -55.04	199.23 5.99 -43.65	178.31 5.63 -35.47	166.20 4.70 -52.09	146.01 4.06 -49.55	130.30 4.09 -31.03

GILBOA___4 23759	110.85 3.32 -30.34	112.02 3.40 -34.85	107.46 3.42 -29.80	104.91 3.27 -30.59	107.32 3.52 -27.34	120.48 4.32 -13.30	146.20 5.44 -8.09	164.37 5.80 -9.59	158.76 5.85 -6.76	142.59 5.27 -14.59	141.80 4.75 -23.84	134.24 4.02 -36.63	126.12 3.81 -33.57	128.13 3.57 -41.46	134.83 3.50 -49.97	150.86 4.68 -37.22	180.52 6.14 -24.64	225.29 6.62 -44.34	217.61 6.10 -55.04	199.23 5.99 -43.65	178.31 5.63 -35.47	166.20 4.70 -52.09	146.01 4.06 -49.55	130.30 4.09 -31.03
GILBOA____ 23599	110.86 3.32 -30.34	112.02 3.39 -34.85	107.46 3.41 -29.80	104.91 3.27 -30.59	107.32 3.52 -27.34	120.48 4.32 -13.30	146.33 5.57 -8.09	164.52 5.96 -9.59	158.90 5.99 -6.76	142.59 5.28 -14.59	141.91 4.87 -23.84	134.24 4.02 -36.63	126.22 3.90 -33.57	128.14 3.57 -41.46	134.84 3.50 -49.97	150.75 4.58 -37.22	180.37 5.99 -24.64	225.29 6.62 -44.34	217.62 6.10 -55.04	199.23 5.98 -43.65	178.45 5.76 -35.47	166.09 4.60 -52.09	146.02 4.07 -49.55	130.30 4.09 -31.03
GINNA____ 23603	76.74 -4.09 -3.64	73.83 -4.13 -4.18	73.59 -4.23 -3.58	70.81 -3.91 -3.67	75.46 -4.28 -3.28	98.90 -5.56 -1.60	126.34 -7.30 -0.97	140.15 -9.98 -1.15	136.72 -10.23 -0.81	116.99 -7.49 -1.75	109.16 -6.91 -2.86	92.18 -5.80 -4.40	87.26 -5.50 -4.02	82.83 -5.23 -4.96	82.22 -5.12 -5.98	105.56 -7.85 -4.45	142.80 -9.89 -2.95	168.65 -10.98 -5.31	153.83 -9.23 -6.59	144.34 -10.48 -5.22	131.99 -9.47 -4.24	108.09 -7.55 -6.23	92.14 -6.19 -5.93	93.19 -5.71 -3.71
GLEN PARK____ 23778	78.90 0.31 -1.40	75.46 0.07 -1.60	75.83 0.22 -1.37	72.74 0.29 -1.41	78.56 0.84 -1.26	105.32 1.85 -0.61	137.28 4.24 -0.37	154.94 5.52 -0.44	151.13 4.68 -0.31	127.32 3.93 -0.67	118.15 3.85 -1.10	98.55 3.27 -1.69	91.74 1.15 -1.85	86.71 1.33 -2.28	85.34 1.22 -2.75	113.30 2.29 -2.05	154.84 3.74 -1.36	182.70 5.93 -2.44	164.98 5.47 -3.03	155.88 3.88 -2.40	142.18 3.01 -1.95	114.35 2.07 -2.87	96.24 1.11 -2.73	97.75 0.85 -1.71
GLENDALE_27_KV_LOAD 356172	116.07 7.72 -31.15	116.71 7.16 -35.77	112.04 7.20 -30.60	109.35 6.89 -31.41	111.87 7.34 -28.07	126.49 9.98 -13.66	154.11 13.13 -8.31	173.43 14.60 -9.85	167.86 14.76 -6.95	161.55 13.13 -25.69	149.76 12.00 -24.56	141.55 9.92 -38.04	136.81 9.41 -38.66	136.69 8.73 -44.86	141.22 8.54 -51.31	166.96 11.22 -46.78	229.01 15.87 -63.40	277.83 18.65 -84.85	251.93 17.21 -78.25	210.41 16.01 -44.82	187.07 13.45 -36.41	173.82 10.94 -53.47	152.98 9.70 -50.87	136.65 9.61 -31.85
GLENWOOD_IC_1_G5 23712	136.81 8.11 -51.51	129.53 7.60 -48.16	118.62 7.65 -36.74	109.68 7.25 -31.39	118.06 7.80 -33.80	127.10 10.59 -13.65	154.76 13.80 -8.30	174.01 15.20 -9.84	168.72 15.64 -6.93	152.54 14.24 -15.58	150.59 12.91 -24.48	148.43 10.67 -44.17	146.81 10.21 -47.87	147.64 9.47 -55.06	148.69 9.19 -58.13	159.29 11.66 -38.67	194.30 16.77 -27.79	249.41 19.70 -55.38	236.57 18.15 -61.94	210.98 16.60 -44.78	187.47 13.86 -36.39	173.90 11.05 -53.44	152.85 9.61 -50.84	146.11 10.18 -40.74
GLENWOOD_IC_2_G1 23688	136.66 7.95 -51.51	129.31 7.38 -48.16	118.40 7.42 -36.74	109.54 7.10 -31.39	117.83 7.57 -33.80	126.79 10.28 -13.65	153.43 12.47 -8.30	172.82 14.00 -9.84	167.55 14.47 -6.94	151.19 12.88 -15.58	149.24 11.55 -24.48	147.78 10.02 -44.17	146.20 9.59 -47.87	147.06 8.90 -55.06	148.12 8.62 -58.13	159.17 11.54 -38.67	194.59 17.06 -27.79	250.27 20.56 -55.38	236.87 18.45 -61.94	211.12 16.75 -44.78	188.14 14.54 -36.39	174.23 11.38 -53.44	153.31 10.07 -50.84	145.73 9.81 -40.74
GLENWOOD_IC_3_G1 23689	136.66 7.95 -51.51	129.31 7.38 -48.16	118.40 7.42 -36.74	109.54 7.10 -31.39	117.83 7.57 -33.80	126.79 10.28 -13.65	153.43 12.47 -8.30	172.82 14.00 -9.84	167.55 14.47 -6.94	151.19 12.88 -15.58	149.24 11.55 -24.48	147.78 10.02 -44.17	146.20 9.59 -47.87	147.06 8.90 -55.06	148.12 8.62 -58.13	159.17 11.54 -38.67	194.59 17.06 -27.79	250.27 20.56 -55.38	236.87 18.45 -61.94	211.12 16.75 -44.78	188.14 14.54 -36.39	174.23 11.38 -53.44	153.31 10.07 -50.84	145.73 9.81 -40.74
GLENWOOD___4 23550	136.81 8.11 -51.51	129.53 7.60 -48.16	118.62 7.65 -36.74	109.68 7.25 -31.39	118.06 7.80 -33.80	127.10 10.59 -13.65	154.76 13.80 -8.30	174.01 15.20 -9.84	168.72 15.64 -6.93	152.54 14.24 -15.58	150.59 12.91 -24.48	148.43 10.67 -44.17	146.81 10.21 -47.87	147.64 9.47 -55.06	148.69 9.19 -58.13	159.29 11.66 -38.67	194.30 16.77 -27.79	249.41 19.70 -55.38	236.57 18.15 -61.94	210.98 16.60 -44.78	187.47 13.86 -36.39	173.90 11.05 -53.44	152.85 9.61 -50.84	146.11 10.18 -40.74
GLENWOOD___5 23614	136.81 8.11 -51.51	129.53 7.60 -48.16	118.62 7.65 -36.74	109.68 7.25 -31.39	118.06 7.80 -33.80	127.10 10.59 -13.65	154.76 13.80 -8.30	174.01 15.20 -9.84	168.72 15.64 -6.93	152.54 14.24 -15.58	150.59 12.91 -24.48	148.43 10.67 -44.17	146.81 10.21 -47.87	147.64 9.47 -55.06	148.69 9.19 -58.13	159.29 11.66 -38.67	194.30 16.77 -27.79	249.41 19.70 -55.38	236.57 18.15 -61.94	210.98 16.60 -44.78	187.47 13.86 -36.39	173.90 11.05 -53.44	152.85 9.61 -50.84	146.11 10.18 -40.74
GLOBAL GREEN_PORT_GT1 23814	140.59 11.88 -51.51	133.15 11.21 -48.16	122.55 11.58 -36.74	113.59 11.15 -31.39	122.26 12.00 -33.80	132.13 15.63 -13.65	160.33 19.37 -8.30	180.41 21.59 -9.84	174.57 21.49 -6.94	156.95 18.65 -15.58	154.66 16.98 -24.48	152.73 14.97 -44.17	150.90 14.29 -47.86	151.45 13.29 -55.06	152.35 12.85 -58.13	164.74 17.11 -38.67	202.98 25.46 -27.79	260.40 30.69 -55.38	245.79 27.38 -61.94	219.36 24.98 -44.78	195.83 22.23 -36.39	179.91 17.06 -53.44	158.39 15.15 -50.84	151.25 15.33 -40.74
GLOBE___DSASP 323697	76.59 -5.25 -4.64	74.17 -4.94 -5.33	73.67 -5.12 -4.56	71.04 -4.69 -4.68	74.98 -5.66 -4.18	97.38 -7.51 -2.04	121.70 -12.21 -1.24	131.67 -18.77 -1.47	128.62 -18.56 -1.03	110.60 -14.36 -2.23	102.81 -14.04 -3.65	88.34 -10.86 -5.61	84.03 -9.85 -5.14	80.31 -9.14 -6.35	79.99 -9.03 -7.65	101.15 -13.51 -5.70	135.84 -17.67 -3.77	160.55 -20.57 -6.79	147.69 -17.21 -8.43	139.67 -16.60 -6.69	125.91 -16.74 -5.43	104.70 -12.69 -7.98	90.92 -9.06 -7.58	92.41 -7.52 -4.74
GOETHSLN___LBMP 323567	114.90 6.56 -31.14	115.52 5.98 -35.76	110.91 6.09 -30.59	108.27 5.83 -31.40	110.79 6.27 -28.06	125.05 8.54 -13.65	152.12 11.14 -8.31	171.34 12.51 -9.85	166.10 13.01 -6.95	158.32 11.78 -23.81	148.39 10.64 -24.54	140.35 8.80 -37.96	135.09 8.43 -37.92	135.36 7.81 -44.45	140.15 7.49 -51.30	164.14 9.91 -45.27	220.73 14.23 -56.77	270.60 16.91 -79.36	247.17 15.49 -75.21	208.61 14.21 -44.81	185.42 11.80 -36.40	172.39 9.52 -53.46	151.68 8.41 -50.87	135.12 8.09 -31.84
GOLAH___69_KV_TB 1_2 80279	80.08 -0.93 -3.81	77.05 -1.11 -4.38	76.79 -1.19 -3.74	73.97 -0.92 -3.84	78.82 -1.07 -3.43	103.09 -1.44 -1.67	130.50 -3.18 -1.02	143.33 -6.85 -1.20	140.27 -6.72 -0.85	119.90 -4.66 -1.83	111.22 -4.98 -2.99	94.35 -3.84 -4.60	89.50 -3.46 -4.22	84.82 -3.49 -5.21	84.39 -3.25 -6.27	108.07 -5.56 -4.67	146.24 -6.59 -3.09	173.44 -6.45 -5.57	158.53 -4.85 -6.91	149.69 -5.39 -5.48	135.22 -6.45 -4.45	111.03 -4.92 -6.54	95.38 -3.23 -6.21	96.69 -2.38 -3.89
GOODYEAR_LAKE_HYD 323669	91.87 4.79 -9.89	89.79 4.65 -11.36	88.56 4.60 -9.72	85.50 4.48 -9.97	90.19 4.82 -8.91	113.77 6.58 -4.34	144.46 9.15 -2.64	161.79 9.68 -3.13	158.14 9.79 -2.20	136.44 8.96 -4.76	129.13 8.15 -7.77	112.36 6.83 -11.94	106.18 6.48 -10.95	102.62 5.98 -13.53	103.45 5.78 -16.31	128.84 7.74 -12.15	168.56 10.78 -8.04	201.70 12.90 -14.47	186.48 12.05 -17.96	174.91 11.07 -14.24	158.40 9.61 -11.58	134.40 7.99 -17.00	115.13 6.56 -16.17	111.97 6.66 -10.12

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	88.45 1.16 -10.10	86.55 1.18 -11.59	85.34 1.19 -9.92	82.44 1.21 -10.18	86.70 1.15 -9.10	108.72 1.44 -4.43	137.35 1.99 -2.69	153.06 0.89 -3.19	149.27 0.88 -2.25	128.81 1.23 -4.85	122.04 0.91 -7.93	106.62 0.84 -12.19	100.82 0.89 -11.19	97.75 0.83 -13.82	98.75 0.73 -16.65	122.23 0.87 -12.40	159.60 1.65 -8.21	191.54 2.44 -14.78	177.79 2.97 -18.34	166.38 2.24 -14.55	150.55 1.51 -11.82	128.08 1.31 -17.36	110.11 1.20 -16.51	107.04 1.52 -10.34
GOUDEY___7 23579	88.53 1.24 -10.10	86.63 1.25 -11.59	85.42 1.26 -9.92	82.51 1.28 -10.18	86.78 1.22 -9.10	108.82 1.54 -4.43	137.48 2.12 -2.69	153.21 1.04 -3.19	149.56 1.17 -2.25	129.05 1.47 -4.85	122.15 1.02 -7.93	106.71 0.94 -12.19	100.91 0.98 -11.19	97.83 0.91 -13.82	98.92 0.90 -16.65	122.34 0.98 -12.40	159.90 1.95 -8.21	191.72 2.61 -14.78	177.95 3.13 -18.34	166.68 2.54 -14.55	150.68 1.65 -11.82	128.19 1.42 -17.36	110.20 1.29 -16.51	107.23 1.71 -10.34
GOUDEY___8 23580	88.45 1.16 -10.10	86.55 1.18 -11.59	85.34 1.19 -9.92	82.44 1.21 -10.18	86.70 1.15 -9.10	108.72 1.44 -4.43	137.35 1.99 -2.69	153.06 0.89 -3.19	149.27 0.88 -2.25	128.81 1.23 -4.85	122.04 0.91 -7.93	106.62 0.84 -12.19	100.82 0.89 -11.19	97.75 0.83 -13.82	98.75 0.73 -16.65	122.23 0.87 -12.40	159.60 1.65 -8.21	191.54 2.44 -14.78	177.79 2.97 -18.34	166.38 2.24 -14.55	150.55 1.51 -11.82	128.08 1.31 -17.36	110.11 1.20 -16.51	107.04 1.52 -10.34
GOWANUS_GT1_1 24077	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT1_2 24078	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT1_3 24079	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT1_4 24080	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT1_5 24084	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT1_6 24111	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT1_7 24112	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT1_8 24113	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT2_1 24114	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT2_2 24115	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT2_3 24116	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT2_4 24117	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85

GOWANUS_GT2_5 24118	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT2_6 24119	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT2_7 24120	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT2_8 24121	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_1 24122	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_2 24123	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_3 24124	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_4 24125	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_5 24126	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_6 24127	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_7 24128	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT3_8 24129	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
GOWANUS_GT4_1 24130	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT4_2 24131	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT4_3 24132	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85

GOWANUS_GT4_4 24133	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT4_5 24134	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT4_6 24135	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT4_7 24136	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GOWANUS_GT4_8 24137	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GREENBSH_115KV_TB3 55895	118.60 3.01 -38.40	120.75 2.88 -44.09	114.77 2.82 -37.71	112.46 2.70 -38.71	113.96 2.91 -34.59	123.60 3.91 -16.83	147.28 4.38 -10.24	165.28 4.17 -12.13	159.08 4.38 -8.55	144.87 3.68 -18.46	146.65 3.28 -30.17	142.74 2.81 -46.34	133.97 2.75 -42.47	138.06 2.49 -52.46	147.04 2.44 -63.23	159.21 3.16 -47.09	185.41 4.49 -31.18	235.84 5.40 -56.11	230.97 4.85 -69.65	209.31 4.49 -55.23	186.22 4.12 -44.88	178.71 3.39 -65.91	157.96 2.86 -62.70	137.39 2.95 -39.26
GREENDGE_115KV_TB5 80291	84.52 1.16 -6.16	81.96 1.11 -7.08	81.33 1.04 -6.05	78.33 1.07 -6.21	83.08 1.07 -5.55	107.30 1.75 -2.70	136.30 1.99 -1.64	148.39 -2.53 -1.95	145.03 -2.48 -1.37	124.09 -1.60 -2.96	116.35 -1.70 -4.84	99.63 -1.40 -7.44	94.25 -1.33 -6.84	90.22 -1.33 -8.44	90.32 -1.22 -10.18	115.01 -1.53 -7.58	153.86 -0.90 -5.02	183.53 0.17 -9.03	168.94 1.25 -11.21	158.78 0.30 -8.89	143.75 -0.69 -7.22	119.14 -0.88 -10.61	101.56 -0.92 -10.08	101.02 -0.48 -6.31
GREENIDGE___3 23582	84.52 1.16 -6.16	81.96 1.11 -7.08	81.33 1.04 -6.05	78.33 1.07 -6.21	83.08 1.07 -5.55	107.30 1.75 -2.70	136.30 1.99 -1.64	148.39 -2.53 -1.95	145.03 -2.48 -1.37	124.09 -1.60 -2.96	116.35 -1.70 -4.84	99.63 -1.40 -7.44	94.25 -1.33 -6.84	90.22 -1.33 -8.44	90.32 -1.22 -10.18	115.01 -1.53 -7.58	153.86 -0.90 -5.02	183.53 0.17 -9.03	168.94 1.25 -11.21	158.78 0.30 -8.89	143.75 -0.69 -7.22	119.14 -0.88 -10.61	101.56 -0.92 -10.08	101.02 -0.48 -6.31
GREENIDGE___4 23583	84.52 1.16 -6.16	81.97 1.11 -7.08	81.33 1.04 -6.05	78.33 1.07 -6.21	83.08 1.07 -5.55	107.30 1.75 -2.70	136.56 2.25 -1.64	148.98 -1.94 -1.95	145.03 -2.49 -1.37	124.22 -1.47 -2.96	116.57 -1.47 -4.84	99.81 -1.22 -7.44	94.42 -1.16 -6.83	90.37 -1.16 -8.44	90.48 -1.06 -10.17	115.11 -1.42 -7.57	153.86 -0.89 -5.01	183.35 0.00 -9.02	168.78 1.10 -11.20	157.73 -0.74 -8.88	143.61 -0.82 -7.22	119.13 -0.88 -10.60	101.47 -1.01 -10.08	101.02 -0.47 -6.31
GREENLWN_69_KV_BK 3 55738	136.42 7.72 -51.51	129.17 7.23 -48.16	118.33 7.35 -36.74	109.40 6.96 -31.39	117.75 7.49 -33.80	126.58 10.08 -13.65	153.17 12.21 -8.30	171.93 13.11 -9.84	166.53 13.45 -6.93	150.82 12.52 -15.58	149.35 11.66 -24.48	147.50 9.73 -44.17	145.93 9.32 -47.87	146.80 8.64 -55.06	147.72 8.22 -58.13	157.65 10.02 -38.67	191.90 14.37 -27.79	246.62 16.91 -55.38	234.22 15.80 -61.94	208.74 14.36 -44.78	185.27 11.66 -36.39	172.15 9.30 -53.44	151.46 8.22 -50.84	145.25 9.33 -40.74
GREENWD_138_KV_38B11_REV_LBMP_J 345004	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85
GRISSOM___SOLAR 323813	131.26 10.50 -43.57	134.15 10.33 -50.04	127.35 10.32 -42.80	124.43 9.45 -43.93	125.66 9.94 -39.26	136.16 14.20 -19.10	164.32 20.03 -11.62	183.31 20.57 -13.77	175.72 19.87 -9.71	160.49 16.81 -20.95	162.38 14.94 -34.23	158.17 11.98 -52.59	148.57 11.62 -48.20	153.28 10.64 -59.54	163.63 10.50 -71.76	177.44 15.04 -53.45	207.73 22.61 -35.38	265.72 27.72 -63.67	260.71 25.20 -79.04	235.60 23.33 -62.68	209.70 21.54 -50.94	202.05 17.84 -74.80	177.51 13.95 -71.15	153.53 13.80 -44.56
GROVEVILLE___HYD 323602	115.34 6.95 -31.20	116.10 6.49 -35.83	111.49 6.61 -30.65	108.76 6.25 -31.46	111.23 6.65 -28.11	125.69 9.15 -13.68	152.79 11.81 -8.32	171.35 12.51 -9.86	166.25 13.15 -6.95	149.02 11.29 -15.00	147.91 10.19 -24.51	139.77 8.52 -37.66	131.24 7.99 -34.51	133.13 7.40 -42.63	139.91 7.16 -51.38	156.70 9.48 -38.27	188.85 13.78 -25.34	237.00 17.08 -45.59	228.56 15.49 -56.60	208.83 14.36 -44.88	185.63 11.94 -36.47	172.82 9.85 -53.56	151.85 8.50 -50.95	135.46 8.38 -31.90
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	80.70 0.31 -3.20	77.74 0.30 -3.67	77.67 0.30 -3.14	74.55 0.28 -3.22	79.57 0.23 -2.88	104.46 0.21 -1.40	133.91 0.40 -0.85	149.69 -0.30 -1.01	146.71 -0.15 -0.71	124.51 0.25 -1.54	115.94 0.23 -2.51	97.73 0.28 -3.86	92.53 0.27 -3.52	87.70 0.25 -4.35	86.85 0.24 -5.24	113.08 0.22 -3.90	152.92 0.60 -2.58	180.02 1.05 -4.65	163.65 1.41 -5.77	155.22 1.05 -4.58	141.48 0.55 -3.72	115.20 0.33 -5.46	97.67 0.09 -5.18	98.61 0.19 -3.24
HAMLTNNY_34_KV_TB 80303	80.97 0.39 -3.40	78.05 0.37 -3.90	77.87 0.30 -3.33	74.83 0.36 -3.42	79.83 0.31 -3.06	104.75 0.41 -1.49	134.10 0.53 -0.91	149.75 -0.30 -1.07	146.76 -0.15 -0.76	124.60 0.25 -1.63	116.10 0.23 -2.67	97.97 0.28 -4.10	92.74 0.27 -3.73	87.96 0.25 -4.61	87.17 0.24 -5.56	113.31 0.22 -4.14	153.23 0.75 -2.74	180.65 1.39 -4.93	164.32 1.72 -6.12	155.64 1.20 -4.85	141.85 0.69 -3.94	115.53 0.33 -5.79	97.99 0.09 -5.49	98.81 0.19 -3.44

HAMPSHIRE___PAPER_HYD 323593	74.31 -3.63 -0.75	71.17 -3.47 -0.86	71.56 -3.41 -0.73	68.46 -3.34 -0.75	73.92 -3.21 -0.67	99.06 -4.12 -0.33	128.09 -4.77 -0.20	145.94 -3.28 -0.24	142.96 -3.36 -0.17	118.91 -4.17 -0.36	110.40 -3.39 -0.59	91.87 -2.62 -0.90	86.67 -3.02 -0.94	81.53 -2.74 -1.17	80.01 -2.77 -1.40	106.74 -3.27 -1.05	145.49 -4.94 -0.69	171.73 -3.84 -1.25	153.33 -4.69 -1.55	146.18 -4.64 -1.23	133.69 -4.52 -1.00	107.04 -3.83 -1.46	90.56 -3.24 -1.39	92.53 -3.52 -0.87
HARDSCRABBLE_WT_PWR 323673	77.58 0.39 0.00	74.23 0.45 0.00	74.76 0.52 0.00	71.69 0.64 0.00	77.38 0.92 0.00	104.29 1.44 0.00	134.78 2.12 0.00	151.66 2.68 0.00	148.92 2.77 0.00	125.42 2.70 0.00	115.69 2.49 0.00	95.83 2.24 0.00	90.96 2.22 0.00	85.26 2.16 0.00	83.57 2.20 0.00	112.12 3.16 0.00	154.38 4.65 0.00	179.73 5.41 0.00	161.33 4.86 0.00	153.93 4.34 0.00	141.05 3.84 0.00	112.59 3.17 0.00	95.08 2.68 0.00	97.94 2.76 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	112.48 5.94 -29.34	113.01 5.53 -33.70	108.70 5.64 -28.82	105.96 5.33 -29.59	108.63 5.73 -26.44	123.43 7.71 -12.87	150.70 10.22 -7.82	169.13 10.88 -9.27	164.08 11.40 -6.54	146.98 10.06 -14.19	145.31 9.06 -23.06	136.50 7.49 -35.42	128.42 7.19 -32.49	129.78 6.56 -40.11	136.04 6.35 -48.32	153.40 8.39 -36.06	186.13 12.13 -24.26	235.62 14.82 -46.47	225.30 13.61 -55.22	204.37 12.57 -42.21	181.81 10.29 -34.30	168.31 8.53 -50.37	147.80 7.48 -47.92	132.52 7.33 -30.00
HARSNRAD_115KV_TB1 81005	77.45 -4.32 -4.58	74.83 -4.21 -5.26	74.35 -4.38 -4.50	71.68 -3.98 -4.61	75.77 -4.82 -4.12	98.79 -6.07 -2.01	123.94 -9.95 -1.22	133.59 -16.83 -1.45	130.65 -16.51 -1.02	112.29 -12.64 -2.20	104.46 -12.34 -3.60	89.57 -9.55 -5.53	85.20 -8.61 -5.07	81.30 -8.06 -6.26	80.94 -7.97 -7.55	102.59 -11.99 -5.62	138.04 -15.42 -3.72	163.41 -17.61 -6.70	150.23 -14.55 -8.31	141.97 -14.21 -6.59	127.89 -14.68 -5.36	106.12 -11.16 -7.87	91.93 -7.95 -7.47	93.77 -6.09 -4.68
HARZA MOOSE___RIVER 24016	79.46 1.24 -1.03	76.07 1.11 -1.18	76.44 1.19 -1.01	73.22 1.14 -1.04	78.92 1.53 -0.93	105.67 2.37 -0.45	136.79 3.85 -0.27	153.92 4.62 -0.33	150.91 4.53 -0.23	127.27 4.05 -0.50	117.75 3.74 -0.81	98.02 3.18 -1.24	92.59 2.66 -1.19	87.14 2.58 -1.47	85.66 2.52 -1.77	113.87 3.60 -1.32	155.70 5.09 -0.87	182.69 6.80 -1.57	164.52 6.10 -1.95	156.37 5.24 -1.55	142.86 4.39 -1.26	114.65 3.39 -1.84	96.85 2.59 -1.86	98.82 2.47 -1.17
HDSNBRDG_115KV_BRDG_TB1 355580	79.94 -0.15 -2.90	76.96 -0.15 -3.33	76.86 -0.22 -2.85	73.83 -0.14 -2.92	78.84 -0.23 -2.61	103.71 -0.41 -1.27	132.91 -0.53 -0.77	148.55 -1.34 -0.92	145.62 -1.17 -0.65	123.51 -0.61 -1.39	114.91 -0.57 -2.28	96.71 -0.37 -3.50	91.60 -0.35 -3.21	86.73 -0.33 -3.96	85.90 -0.24 -4.78	111.86 -0.65 -3.56	151.19 -0.90 -2.36	177.87 -0.70 -4.24	161.58 -0.16 -5.26	153.32 -0.45 -4.17	139.78 -0.82 -3.39	113.73 -0.66 -4.98	96.66 -0.46 -4.72	97.76 -0.38 -2.96
HELLGATE_13_KV_LD 55870	115.83 7.49 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.29 9.77 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.45 9.05 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 10.68 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.52 15.11 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.36 9.33 -31.85
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	115.83 7.49 -31.15	116.41 6.86 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.29 9.77 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.06 12.64 -25.69	149.20 11.43 -24.56	141.09 9.45 -38.04	136.45 9.05 -38.66	136.35 8.39 -44.86	140.81 8.14 -51.31	166.41 10.68 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.52 15.11 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.61 9.33 -50.87	136.36 9.33 -31.85
HEMPSTEAD____ 23647	136.58 7.88 -51.51	129.24 7.31 -48.16	118.33 7.35 -36.74	109.47 7.04 -31.39	117.76 7.50 -33.80	126.69 10.18 -13.65	153.31 12.34 -8.30	172.67 13.86 -9.84	167.41 14.33 -6.94	150.95 12.64 -15.58	149.01 11.32 -24.49	147.59 9.82 -44.18	146.11 9.50 -47.87	146.97 8.80 -55.06	147.96 8.46 -58.13	159.07 11.44 -38.67	194.45 16.92 -27.79	250.09 20.39 -55.38	236.71 18.30 -61.94	210.98 16.60 -44.78	188.01 14.40 -36.39	174.12 11.27 -53.44	153.31 10.07 -50.84	145.64 9.71 -40.74
HEWLETT__69_KV_BK3 55828	137.12 8.41 -51.51	129.76 7.82 -48.16	118.85 7.87 -36.74	109.90 7.46 -31.39	118.29 8.03 -33.80	127.41 10.90 -13.65	155.16 14.20 -8.30	174.46 15.64 -9.84	169.16 16.08 -6.93	152.79 14.48 -15.58	150.93 13.24 -24.48	148.71 10.95 -44.17	147.08 10.47 -47.87	147.89 9.72 -55.06	148.86 9.36 -58.13	159.72 12.09 -38.67	194.75 17.22 -27.79	249.93 20.22 -55.38	237.19 18.78 -61.94	211.58 17.20 -44.78	188.01 14.41 -36.39	174.45 11.60 -53.44	153.31 10.07 -50.84	146.40 10.47 -40.74
HICKLING___1 23621	85.98 0.85 -7.93	83.78 0.89 -9.11	82.92 0.89 -7.79	79.97 0.92 -8.00	84.37 0.76 -7.15	107.46 1.13 -3.48	136.24 1.46 -2.12	150.44 -1.04 -2.51	146.74 -1.17 -1.77	126.17 -0.37 -3.81	118.76 -0.68 -6.23	102.70 -0.47 -9.58	97.37 -0.18 -8.80	93.72 -0.25 -10.87	94.23 -0.24 -13.10	118.28 -0.44 -9.76	156.50 0.30 -6.46	187.17 1.22 -11.63	173.25 2.35 -14.43	162.38 1.35 -11.44	146.79 0.27 -9.30	123.29 0.22 -13.66	105.66 0.28 -12.98	104.36 1.05 -8.13
HICKLING___2 23622	85.98 0.85 -7.93	83.78 0.89 -9.11	82.92 0.89 -7.79	79.97 0.92 -8.00	84.37 0.76 -7.15	107.46 1.13 -3.48	136.24 1.46 -2.12	150.44 -1.04 -2.51	146.74 -1.17 -1.77	126.17 -0.37 -3.81	118.76 -0.68 -6.23	102.70 -0.47 -9.58	97.37 -0.18 -8.80	93.72 -0.25 -10.87	94.23 -0.24 -13.10	118.28 -0.44 -9.76	156.50 0.30 -6.46	187.17 1.22 -11.63	173.25 2.35 -14.43	162.38 1.35 -11.44	146.79 0.27 -9.30	123.29 0.22 -13.66	105.66 0.28 -12.98	104.36 1.05 -8.13
HIGH FALLS___HY 23754	115.12 6.95 -30.98	115.85 6.49 -35.58	111.28 6.61 -30.43	108.54 6.25 -31.24	111.11 6.73 -27.92	125.59 9.15 -13.58	153.13 12.21 -8.26	171.73 12.96 -9.79	166.35 13.30 -6.90	149.16 11.54 -14.89	147.85 10.30 -24.34	139.41 8.42 -37.40	131.00 7.99 -34.27	132.83 7.40 -42.34	139.63 7.24 -51.02	156.55 9.59 -38.00	189.27 14.37 -25.16	237.73 18.13 -45.28	229.10 16.43 -56.20	209.27 15.11 -44.57	185.92 12.49 -36.22	172.77 10.18 -53.18	151.87 8.87 -50.59	135.52 8.66 -31.68
HILLBURN___GT 23639	112.94 6.03 -29.73	113.52 5.60 -34.14	109.15 5.72 -29.20	106.49 5.47 -29.97	108.98 5.74 -26.78	123.70 7.81 -13.03	150.41 9.82 -7.93	169.10 10.73 -9.39	164.02 11.25 -6.62	147.29 10.18 -14.38	145.50 8.94 -23.36	136.96 7.49 -35.88	128.94 7.28 -32.92	130.39 6.65 -40.64	136.74 6.43 -48.95	154.31 8.82 -36.53	187.26 12.88 -24.65	237.69 15.70 -47.67	226.97 14.24 -56.26	205.36 13.01 -42.76	183.07 11.11 -34.75	169.41 8.97 -51.02	148.79 7.85 -48.54	133.01 7.43 -30.39
HILLSIDE_115KV_TB1 80332	85.19 -0.23 -8.22	83.08 -0.15 -9.44	82.24 -0.07 -8.08	79.34 0.00 -8.29	83.57 -0.31 -7.41	106.15 -0.31 -3.61	134.46 -0.40 -2.19	148.60 -2.98 -2.60	145.05 -2.92 -1.83	124.84 -1.84 -3.95	117.51 -2.15 -6.46	101.83 -1.68 -9.93	96.53 -1.33 -9.12	93.04 -1.33 -11.27	93.64 -1.30 -13.58	117.00 -2.07 -10.11	154.34 -2.10 -6.70	184.63 -1.74 -12.05	170.96 -0.47 -14.96	160.26 -1.20 -11.86	144.80 -2.06 -9.64	122.14 -1.42 -14.15	104.84 -1.02 -13.46	103.32 -0.29 -8.43

HISHELDN_WT_PWR 323625	79.97 -2.70 -5.48	77.49 -2.58 -6.30	76.95 -2.67 -5.39	74.16 -2.42 -5.53	78.34 -3.06 -4.94	101.46 -3.80 -2.40	128.43 -5.70 -1.46	140.28 -10.43 -1.73	136.25 -11.11 -1.22	117.51 -7.86 -2.64	109.81 -7.70 -4.31	94.13 -6.08 -6.62	89.49 -5.32 -6.07	85.52 -5.07 -7.49	85.43 -4.97 -9.03	107.62 -8.06 -6.73	144.30 -9.89 -4.45	170.83 -11.51 -8.01	157.51 -8.91 -9.95	146.41 -11.07 -7.89	133.75 -9.88 -6.41	111.60 -7.22 -9.42	96.28 -5.08 -8.96	97.27 -3.52 -5.61
HOLTSVILLE_IC_1 23690	137.50 8.80 -51.51	130.20 8.26 -48.16	119.51 8.53 -36.74	110.60 8.17 -31.39	118.97 8.71 -33.80	128.02 11.52 -13.65	154.23 13.26 -8.30	173.42 14.61 -9.84	167.84 14.75 -6.94	151.44 13.14 -15.58	149.68 11.99 -24.48	148.52 10.76 -44.17	146.99 10.38 -47.86	147.88 9.72 -55.06	148.85 9.35 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	251.85 22.14 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.32 11.08 -50.84	146.96 11.04 -40.74
HOLTSVILLE_IC_10 23699	137.96 9.26 -51.51	130.64 8.70 -48.16	119.88 8.90 -36.74	111.03 8.59 -31.39	119.43 9.17 -33.80	128.53 12.03 -13.65	155.17 14.20 -8.30	174.31 15.49 -9.84	168.73 15.65 -6.94	152.17 13.86 -15.58	150.36 12.68 -24.48	149.18 11.41 -44.17	147.52 10.91 -47.86	148.38 10.22 -55.06	149.42 9.92 -58.13	160.59 12.96 -38.67	196.85 19.32 -27.79	253.23 23.52 -55.38	239.39 20.97 -61.94	213.22 18.85 -44.78	190.20 16.60 -36.39	175.53 12.69 -53.44	154.88 11.64 -50.84	147.53 11.61 -40.74
HOLTSVILLE_IC_2 23691	137.50 8.80 -51.51	130.20 8.26 -48.16	119.51 8.53 -36.74	110.60 8.17 -31.39	118.97 8.71 -33.80	128.02 11.52 -13.65	154.23 13.26 -8.30	173.42 14.61 -9.84	167.84 14.75 -6.94	151.44 13.14 -15.58	149.68 11.99 -24.48	148.52 10.76 -44.17	146.99 10.38 -47.86	147.88 9.72 -55.06	148.85 9.35 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	251.85 22.14 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.32 11.08 -50.84	146.96 11.04 -40.74
HOLTSVILLE_IC_3 23692	137.50 8.80 -51.51	130.20 8.26 -48.16	119.51 8.53 -36.74	110.60 8.17 -31.39	118.97 8.71 -33.80	128.02 11.52 -13.65	154.23 13.26 -8.30	173.42 14.61 -9.84	167.84 14.75 -6.94	151.44 13.14 -15.58	149.68 11.99 -24.48	148.52 10.76 -44.17	146.99 10.38 -47.86	147.88 9.72 -55.06	148.85 9.35 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	251.85 22.14 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.32 11.08 -50.84	146.96 11.04 -40.74
HOLTSVILLE_IC_4 23693	137.50 8.80 -51.51	130.20 8.26 -48.16	119.51 8.53 -36.74	110.60 8.17 -31.39	118.97 8.71 -33.80	128.02 11.52 -13.65	154.23 13.26 -8.30	173.42 14.61 -9.84	167.84 14.75 -6.94	151.44 13.14 -15.58	149.68 11.99 -24.48	148.52 10.76 -44.17	146.99 10.38 -47.86	147.88 9.72 -55.06	148.85 9.35 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	251.85 22.14 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.32 11.08 -50.84	146.96 11.04 -40.74
HOLTSVILLE_IC_5 23694	137.50 8.80 -51.51	130.20 8.26 -48.16	119.51 8.53 -36.74	110.60 8.17 -31.39	118.97 8.71 -33.80	128.02 11.52 -13.65	154.23 13.26 -8.30	173.42 14.61 -9.84	167.84 14.75 -6.94	151.44 13.14 -15.58	149.68 11.99 -24.48	148.52 10.76 -44.17	146.99 10.38 -47.86	147.88 9.72 -55.06	148.85 9.35 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	251.85 22.14 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.32 11.08 -50.84	146.96 11.04 -40.74
HOLTSVILLE_IC_6 23695	137.96 9.26 -51.51	130.64 8.70 -48.16	119.88 8.90 -36.74	111.03 8.59 -31.39	119.43 9.17 -33.80	128.53 12.03 -13.65	155.17 14.20 -8.30	174.31 15.49 -9.84	168.73 15.65 -6.94	152.17 13.86 -15.58	150.36 12.68 -24.48	149.18 11.41 -44.17	147.52 10.91 -47.86	148.38 10.22 -55.06	149.42 9.92 -58.13	160.59 12.96 -38.67	196.85 19.32 -27.79	253.23 23.52 -55.38	239.39 20.97 -61.94	213.22 18.85 -44.78	190.20 16.60 -36.39	175.53 12.69 -53.44	154.88 11.64 -50.84	147.53 11.61 -40.74
HOLTSVILLE_IC_7 23696	137.96 9.26 -51.51	130.64 8.70 -48.16	119.88 8.90 -36.74	111.03 8.59 -31.39	119.43 9.17 -33.80	128.53 12.03 -13.65	155.17 14.20 -8.30	174.31 15.49 -9.84	168.73 15.65 -6.94	152.17 13.86 -15.58	150.36 12.68 -24.48	149.18 11.41 -44.17	147.52 10.91 -47.86	148.38 10.22 -55.06	149.42 9.92 -58.13	160.59 12.96 -38.67	196.85 19.32 -27.79	253.23 23.52 -55.38	239.39 20.97 -61.94	213.22 18.85 -44.78	190.20 16.60 -36.39	175.53 12.69 -53.44	154.88 11.64 -50.84	147.53 11.61 -40.74
HOLTSVILLE_IC_8 23697	137.96 9.26 -51.51	130.64 8.70 -48.16	119.88 8.90 -36.74	111.03 8.59 -31.39	119.43 9.17 -33.80	128.53 12.03 -13.65	155.17 14.20 -8.30	174.31 15.49 -9.84	168.73 15.65 -6.94	152.17 13.86 -15.58	150.36 12.68 -24.48	149.18 11.41 -44.17	147.52 10.91 -47.86	148.38 10.22 -55.06	149.42 9.92 -58.13	160.59 12.96 -38.67	196.85 19.32 -27.79	253.23 23.52 -55.38	239.39 20.97 -61.94	213.22 18.85 -44.78	190.20 16.60 -36.39	175.53 12.69 -53.44	154.88 11.64 -50.84	147.53 11.61 -40.74
HOLTSVILLE_IC_9 23698	137.96 9.26 -51.51	130.64 8.70 -48.16	119.88 8.90 -36.74	111.03 8.59 -31.39	119.43 9.17 -33.80	128.53 12.03 -13.65	155.17 14.20 -8.30	174.31 15.49 -9.84	168.73 15.65 -6.94	152.17 13.86 -15.58	150.36 12.68 -24.48	149.18 11.41 -44.17	147.52 10.91 -47.86	148.38 10.22 -55.06	149.42 9.92 -58.13	160.59 12.96 -38.67	196.85 19.32 -27.79	253.23 23.52 -55.38	239.39 20.97 -61.94	213.22 18.85 -44.78	190.20 16.60 -36.39	175.53 12.69 -53.44	154.88 11.64 -50.84	147.53 11.61 -40.74
HOMER_HL_115KV_TB2 355744	78.96 -3.86 -5.63	76.56 -3.69 -6.46	76.06 -3.71 -5.53	73.31 -3.41 -5.68	77.25 -4.28 -5.07	99.87 -5.45 -2.47	126.60 -7.56 -1.50	138.09 -12.66 -1.78	134.68 -12.71 -1.25	116.11 -9.33 -2.71	108.00 -9.62 -4.42	92.81 -7.58 -6.80	88.59 -6.39 -6.24	84.49 -6.32 -7.70	84.39 -6.27 -9.28	106.50 -9.37 -6.92	142.79 -11.53 -4.58	169.84 -12.73 -8.24	157.00 -9.70 -10.23	147.38 -10.32 -8.11	132.83 -10.98 -6.59	111.10 -7.99 -9.68	95.81 -5.82 -9.23	96.58 -4.38 -5.78
HOWARD_WT_PWR 323690	83.85 0.15 -6.51	81.47 0.22 -7.47	80.85 0.22 -6.39	77.96 0.36 -6.56	82.40 0.08 -5.86	106.33 0.62 -2.85	135.20 0.80 -1.73	148.64 -2.39 -2.06	144.52 -3.08 -1.45	124.14 -1.72 -3.13	116.50 -1.82 -5.11	100.04 -1.40 -7.85	94.90 -1.06 -7.21	90.93 -1.08 -8.91	91.29 -0.81 -10.74	115.54 -1.42 -8.00	154.73 -0.30 -5.30	184.55 0.70 -9.53	170.19 1.88 -11.83	158.38 -0.60 -9.38	144.29 -0.55 -7.62	120.17 -0.44 -11.19	102.78 -0.28 -10.65	102.80 0.95 -6.67
HQ_GEN_CEDARS 23644	72.79 -4.40 0.00	69.57 -4.21 0.00	70.08 -4.16 0.00	66.93 -4.12 0.00	72.18 -4.28 0.00	97.20 -5.66 0.00	125.10 -7.56 0.00	144.66 -4.32 0.00	141.61 -4.53 0.00	115.85 -6.87 0.00	107.43 -5.77 0.00	88.91 -4.68 0.00	84.13 -4.61 0.00	78.78 -4.32 0.00	77.14 -4.23 0.00	103.73 -5.23 0.00	141.35 -8.39 0.00	167.00 -7.32 0.00	147.09 -9.39 0.00	141.06 -8.53 0.00	129.81 -7.41 0.00	103.50 -5.91 0.00	87.60 -4.80 0.00	90.14 -5.04 0.00
HQ_GEN_CEDARS_PROXY 323590	72.80 -4.40 0.00	69.58 -4.20 0.00	70.08 -4.16 0.00	66.93 -4.12 0.00	72.18 -4.28 0.00	97.20 -5.66 0.00	125.11 -7.56 0.00	144.51 -4.47 0.00	144.54 -4.38 -2.78	113.08 -6.87 2.78	107.31 -5.89 0.00	88.91 -4.68 0.00	84.12 -4.62 0.00	78.78 -4.32 0.00	77.13 -4.23 0.00	103.62 -5.34 0.00	141.36 -8.38 0.00	167.17 -7.15 0.00	147.24 -9.23 0.00	141.66 -7.93 0.00	129.80 -7.41 0.00	103.50 -5.91 0.00	87.59 -4.81 0.00	90.13 -5.05 0.00

HQ_GEN_IMPORT 323601	75.11 -2.08 0.00	71.79 -1.99 0.00	72.24 -2.00 0.00	69.13 -1.91 0.00	74.40 -2.06 0.00	100.29 -2.57 0.00	129.35 -3.31 0.00	146.00 -2.98 0.00	146.00 -2.92 -2.78	116.89 -3.06 2.78	110.48 -2.72 0.00	91.25 -2.34 0.00	86.44 -2.31 0.00	80.94 -2.16 0.00	79.25 -2.12 0.00	106.45 -2.50 0.00	146.00 -3.74 0.00	169.79 -4.53 0.00	151.93 -4.54 0.00	146.00 -3.59 0.00	133.92 -3.29 0.00	106.78 -2.63 0.00	90.00 -2.40 0.00	92.71 -2.48 0.00
HQ_GEN_WHEEL 23651	75.11 -2.08 0.00	71.79 -1.99 0.00	72.24 -2.00 0.00	69.13 -1.91 0.00	74.40 -2.06 0.00	100.29 -2.57 0.00	129.35 -3.31 0.00	146.00 -2.98 0.00	146.00 -2.92 -2.78	116.89 -3.06 2.78	110.48 -2.72 0.00	91.25 -2.34 0.00	86.44 -2.31 0.00	80.94 -2.16 0.00	79.25 -2.12 0.00	106.45 -2.50 0.00	146.00 -3.74 0.00	169.79 -4.53 0.00	151.93 -4.54 0.00	146.00 -3.59 0.00	133.92 -3.29 0.00	106.78 -2.63 0.00	90.00 -2.40 0.00	92.71 -2.48 0.00
HUDSON AVE_GT_3 23810	115.36 7.02 -31.14	116.04 6.49 -35.76	111.43 6.61 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.66 9.15 -13.65	153.05 12.07 -8.31	172.23 13.41 -9.85	166.98 13.88 -6.95	159.05 12.52 -23.81	149.18 11.43 -24.54	141.00 9.45 -37.96	135.62 8.96 -37.92	135.86 8.31 -44.45	140.64 7.97 -51.30	164.90 10.68 -45.27	221.78 15.27 -56.77	271.82 18.13 -79.36	248.27 16.59 -75.21	209.81 15.41 -44.81	186.38 12.76 -36.40	173.27 10.39 -53.46	152.32 9.06 -50.87	135.78 8.76 -31.84
HUDSON AVE_GT_4 23540	115.36 7.02 -31.14	116.04 6.49 -35.76	111.43 6.61 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.66 9.15 -13.65	153.05 12.07 -8.31	172.23 13.41 -9.85	166.98 13.88 -6.95	159.05 12.52 -23.81	149.18 11.43 -24.54	141.00 9.45 -37.96	135.62 8.96 -37.92	135.86 8.31 -44.45	140.64 7.97 -51.30	164.90 10.68 -45.27	221.78 15.27 -56.77	271.82 18.13 -79.36	248.27 16.59 -75.21	209.81 15.41 -44.81	186.38 12.76 -36.40	173.27 10.39 -53.46	152.32 9.06 -50.87	135.78 8.76 -31.84
HUDSON AVE_GT_5 23657	115.36 7.02 -31.14	116.04 6.49 -35.76	111.43 6.61 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.66 9.15 -13.65	153.05 12.07 -8.31	172.23 13.41 -9.85	166.98 13.88 -6.95	159.05 12.52 -23.81	149.18 11.43 -24.54	141.00 9.45 -37.96	135.62 8.96 -37.92	135.86 8.31 -44.45	140.64 7.97 -51.30	164.90 10.68 -45.27	221.78 15.27 -56.77	271.82 18.13 -79.36	248.27 16.59 -75.21	209.81 15.41 -44.81	186.38 12.76 -36.40	173.27 10.39 -53.46	152.32 9.06 -50.87	135.78 8.76 -31.84
HUDSON_AVE_10 24168	115.36 7.02 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.91 11.94 -8.31	172.08 13.26 -9.85	166.83 13.74 -6.95	159.05 12.52 -23.81	149.18 11.43 -24.54	141.00 9.45 -37.96	135.62 8.96 -37.92	135.86 8.31 -44.45	140.64 7.97 -51.30	164.80 10.57 -45.27	221.63 15.12 -56.77	271.82 18.13 -79.36	248.27 16.59 -75.21	209.81 15.41 -44.81	186.24 12.62 -36.40	173.16 10.28 -53.46	152.23 8.96 -50.87	135.69 8.66 -31.84
HUDSON___115KV_TB 4 355613	118.86 4.25 -37.42	120.81 4.06 -42.97	115.00 4.01 -36.76	112.54 3.77 -37.73	114.23 4.05 -33.72	125.02 5.76 -16.41	149.67 7.03 -9.98	167.06 6.26 -11.82	160.76 6.28 -8.34	145.62 4.91 -17.99	146.79 4.19 -29.40	142.22 3.46 -45.17	133.42 3.28 -41.40	137.31 3.07 -51.13	146.09 3.09 -61.63	159.00 4.14 -45.90	185.52 5.39 -30.39	236.16 7.15 -54.69	230.77 6.42 -67.88	209.26 5.83 -53.83	186.31 5.35 -43.75	178.57 4.92 -64.24	157.48 3.97 -61.11	137.44 4.00 -38.27
HUNTER MOUNT___DRP 323613	117.73 4.17 -36.36	119.52 3.98 -41.76	113.89 3.93 -35.72	111.41 3.69 -36.66	113.28 4.05 -32.76	124.56 5.76 -15.94	149.26 6.90 -9.70	166.43 5.96 -11.49	160.38 6.14 -8.10	144.75 4.54 -17.48	145.62 3.85 -28.57	140.57 3.09 -43.89	131.90 2.93 -40.23	135.53 2.74 -49.69	144.02 2.77 -59.88	157.26 3.70 -44.60	183.46 4.19 -29.53	233.39 5.93 -53.14	227.60 5.16 -65.96	206.69 4.79 -52.31	184.12 4.39 -42.51	176.54 4.70 -62.42	155.57 3.79 -59.38	136.08 3.71 -37.18
HUNTINGTON_RES_REC 323705	137.04 8.34 -51.51	129.75 7.82 -48.16	118.93 7.95 -36.74	109.97 7.53 -31.39	118.36 8.10 -33.80	127.30 10.80 -13.65	153.16 12.20 -8.30	172.07 13.25 -9.84	166.67 13.59 -6.94	150.46 12.15 -15.58	148.79 11.10 -24.48	147.78 10.02 -44.17	146.28 9.67 -47.86	147.14 8.98 -55.06	148.12 8.62 -58.13	158.85 11.22 -38.67	194.59 17.06 -27.79	250.62 20.91 -55.38	237.03 18.61 -61.94	211.12 16.75 -44.78	188.14 14.54 -36.39	174.01 11.17 -53.44	153.49 10.26 -50.84	146.11 10.19 -40.74
HUNTLEY___63 23557	78.45 -3.47 -4.73	75.90 -3.32 -5.44	75.40 -3.49 -4.65	72.70 -3.13 -4.77	76.75 -3.98 -4.27	99.89 -5.04 -2.08	125.30 -8.62 -1.26	135.73 -14.75 -1.50	132.59 -14.61 -1.06	114.20 -10.80 -2.28	106.28 -10.64 -3.72	91.26 -8.05 -5.72	86.80 -7.19 -5.24	82.76 -6.81 -6.48	82.42 -6.75 -7.81	104.42 -10.35 -5.81	140.41 -13.18 -3.85	166.26 -14.99 -6.93	152.87 -12.20 -8.60	144.29 -12.12 -6.82	130.13 -12.62 -5.54	108.03 -9.52 -8.14	93.57 -6.56 -7.73	95.07 -4.95 -4.84
HUNTLEY___64 23558	78.45 -3.47 -4.73	75.90 -3.32 -5.44	75.40 -3.49 -4.65	72.70 -3.13 -4.77	76.75 -3.98 -4.27	99.89 -5.04 -2.08	125.30 -8.62 -1.26	135.73 -14.75 -1.50	132.59 -14.61 -1.06	114.20 -10.80 -2.28	106.28 -10.64 -3.72	91.26 -8.05 -5.72	86.80 -7.19 -5.24	82.76 -6.81 -6.48	82.42 -6.75 -7.81	104.42 -10.35 -5.81	140.41 -13.18 -3.85	166.26 -14.99 -6.93	152.87 -12.20 -8.60	144.29 -12.12 -6.82	130.13 -12.62 -5.54	108.03 -9.52 -8.14	93.57 -6.56 -7.73	95.07 -4.95 -4.84
HUNTLEY___65 23559	78.45 -3.47 -4.73	75.90 -3.32 -5.44	75.40 -3.49 -4.65	72.70 -3.13 -4.77	76.75 -3.98 -4.27	99.89 -5.04 -2.08	125.30 -8.62 -1.26	135.73 -14.75 -1.50	132.59 -14.61 -1.06	114.20 -10.80 -2.28	106.28 -10.64 -3.72	91.26 -8.05 -5.72	86.80 -7.19 -5.24	82.76 -6.81 -6.48	82.42 -6.75 -7.81	104.42 -10.35 -5.81	140.41 -13.18 -3.85	166.26 -14.99 -6.93	152.87 -12.20 -8.60	144.29 -12.12 -6.82	130.13 -12.62 -5.54	108.03 -9.52 -8.14	93.57 -6.56 -7.73	95.07 -4.95 -4.84
HUNTLEY___66 23560	78.45 -3.47 -4.73	75.90 -3.32 -5.44	75.40 -3.49 -4.65	72.70 -3.13 -4.77	76.75 -3.98 -4.27	99.89 -5.04 -2.08	125.30 -8.62 -1.26	135.73 -14.75 -1.50	132.59 -14.61 -1.06	114.20 -10.80 -2.28	106.28 -10.64 -3.72	91.26 -8.05 -5.72	86.80 -7.19 -5.24	82.76 -6.81 -6.48	82.42 -6.75 -7.81	104.42 -10.35 -5.81	140.41 -13.18 -3.85	166.26 -14.99 -6.93	152.87 -12.20 -8.60	144.29 -12.12 -6.82	130.13 -12.62 -5.54	108.03 -9.52 -8.14	93.57 -6.56 -7.73	95.07 -4.95 -4.84
HUNTLEY___67 23561	78.32 -3.71 -4.84	75.79 -3.54 -5.55	75.28 -3.71 -4.75	72.58 -3.34 -4.88	76.69 -4.13 -4.36	99.73 -5.25 -2.12	125.07 -8.89 -1.29	135.61 -14.90 -1.53	132.46 -14.76 -1.08	114.13 -10.92 -2.33	106.14 -10.87 -3.80	91.20 -8.24 -5.84	86.74 -7.37 -5.36	82.74 -6.98 -6.62	82.43 -6.92 -7.98	104.33 -10.57 -5.94	140.19 -13.48 -3.93	165.89 -15.51 -7.08	152.74 -12.52 -8.79	144.29 -12.27 -6.97	129.98 -12.90 -5.66	108.10 -9.63 -8.31	93.65 -6.65 -7.90	94.99 -5.14 -4.94
HUNTLEY___68 23562	78.32 -3.71 -4.84	75.79 -3.54 -5.55	75.28 -3.71 -4.75	72.58 -3.34 -4.88	76.69 -4.13 -4.36	99.73 -5.25 -2.12	125.07 -8.89 -1.29	135.61 -14.90 -1.53	132.46 -14.76 -1.08	114.13 -10.92 -2.33	106.14 -10.87 -3.80	91.20 -8.24 -5.84	86.74 -7.37 -5.36	82.74 -6.98 -6.62	82.43 -6.92 -7.98	104.33 -10.57 -5.94	140.19 -13.48 -3.93	165.89 -15.51 -7.08	152.74 -12.52 -8.79	144.29 -12.27 -6.97	129.98 -12.90 -5.66	108.10 -9.63 -8.31	93.65 -6.65 -7.90	94.99 -5.14 -4.94

HYLAND___LFGE 323620	85.87 3.32 -5.36	82.74 2.80 -6.16	82.18 2.67 -5.27	79.15 2.70 -5.41	84.12 2.83 -4.83	109.84 4.63 -2.35	140.46 6.37 -1.43	155.00 4.32 -1.69	149.97 2.63 -1.19	127.63 2.33 -2.58	119.22 1.81 -4.21	101.28 1.21 -6.47	95.75 1.07 -5.94	91.26 0.83 -7.33	91.59 1.38 -8.84	116.95 1.41 -6.58	158.89 4.79 -4.36	190.19 8.02 -7.84	174.49 8.29 -9.73	162.54 5.23 -7.72	148.29 4.80 -6.27	122.23 3.61 -9.21	103.93 2.77 -8.76	104.28 3.62 -5.49
INDECK___CORINTH 23802	123.07 6.18 -39.70	125.28 5.90 -45.59	119.10 5.86 -39.00	116.62 5.55 -40.03	118.12 5.89 -35.77	128.49 8.23 -17.41	154.93 11.68 -10.59	173.88 12.36 -12.54	167.27 12.28 -8.84	152.37 10.56 -19.09	153.91 9.51 -31.19	149.19 7.68 -47.92	140.02 7.36 -43.92	144.16 6.82 -54.25	153.42 6.67 -65.38	163.20 5.55 -48.69	188.41 6.43 -32.24	240.53 8.20 -58.01	236.00 7.51 -72.01	213.44 6.74 -57.11	189.80 6.18 -46.41	182.49 4.93 -68.15	161.02 3.79 -64.83	142.54 6.76 -40.59
INDECK___ILION 23567	78.43 1.24 0.00	74.96 1.18 0.00	75.50 1.26 0.00	72.33 1.28 0.00	77.91 1.45 0.00	104.81 1.95 0.00	135.45 2.79 0.00	152.11 3.13 0.00	149.36 3.22 0.00	125.79 3.07 0.00	115.92 2.72 0.00	95.93 2.34 0.00	91.05 2.31 0.00	85.26 2.16 0.00	83.48 2.12 0.00	111.79 2.83 0.00	153.93 4.19 0.00	179.21 4.88 0.00	161.01 4.54 0.00	153.63 4.04 0.00	140.78 3.57 0.00	112.36 2.95 0.00	94.90 2.49 0.00	97.66 2.47 0.00
INDECK___OLEAN 23982	78.97 -3.86 -5.63	76.56 -3.69 -6.46	76.06 -3.71 -5.53	73.31 -3.41 -5.68	77.25 -4.28 -5.07	99.87 -5.45 -2.47	126.87 -7.30 -1.50	138.70 -12.06 -1.78	134.68 -12.72 -1.25	116.23 -9.21 -2.71	108.35 -9.28 -4.42	92.99 -7.40 -6.80	88.78 -6.21 -6.25	84.67 -6.15 -7.72	84.57 -6.10 -9.30	106.51 -9.37 -6.93	142.94 -11.39 -4.59	169.68 -12.90 -8.26	156.87 -9.85 -10.25	145.61 -12.11 -8.13	132.84 -10.98 -6.60	111.13 -7.98 -9.70	95.71 -5.92 -9.23	96.58 -4.38 -5.78
INDECK___OSWEGO 23783	78.40 -1.24 -2.45	75.34 -1.25 -2.81	75.38 -1.26 -2.40	72.38 -1.14 -2.47	77.37 -1.30 -2.20	101.97 -1.96 -1.07	130.79 -2.52 -0.65	146.47 -3.28 -0.77	143.47 -3.22 -0.55	121.57 -2.34 -1.18	112.97 -2.15 -1.92	94.86 -1.68 -2.95	89.91 -1.51 -2.67	84.99 -1.41 -3.30	83.96 -1.38 -3.98	109.84 -2.07 -2.96	149.15 -2.55 -1.96	175.06 -2.80 -3.53	158.82 -2.04 -4.38	150.38 -2.69 -3.47	137.57 -2.47 -2.82	111.59 -1.97 -4.15	94.59 -1.76 -3.94	95.94 -1.71 -2.47
INDECK___YERKES 23781	78.53 -3.39 -4.73	75.97 -3.24 -5.44	75.48 -3.41 -4.65	72.77 -3.05 -4.77	76.91 -3.82 -4.27	100.00 -4.94 -2.08	126.10 -7.83 -1.26	137.22 -13.26 -1.50	133.17 -14.03 -1.06	115.07 -9.94 -2.28	107.42 -9.51 -3.72	91.73 -7.58 -5.72	87.32 -6.66 -5.24	83.25 -6.32 -6.47	82.90 -6.26 -7.79	104.52 -10.25 -5.81	140.55 -13.03 -3.84	165.73 -15.52 -6.92	152.69 -12.36 -8.59	141.59 -14.81 -6.81	129.71 -13.04 -5.53	107.91 -9.63 -8.13	93.48 -6.65 -7.73	95.17 -4.85 -4.84
INDIAN POINT_GT_1 24139	114.08 6.10 -30.79	114.82 5.68 -35.36	110.27 5.79 -30.24	107.56 5.47 -31.04	110.01 5.81 -27.74	124.17 7.82 -13.50	151.22 10.35 -8.21	170.18 11.47 -9.73	164.99 11.98 -6.86	148.66 10.68 -15.26	147.13 9.74 -24.19	138.73 7.96 -37.18	130.61 7.63 -34.24	132.33 7.06 -42.17	138.91 6.83 -50.70	156.13 9.04 -38.13	189.64 13.03 -26.87	242.22 15.51 -52.38	230.65 14.24 -59.94	207.05 13.16 -44.29	184.18 10.98 -35.99	171.23 8.97 -52.85	150.44 7.76 -50.28	134.28 7.61 -31.48
INDIAN POINT_GT_2 23659	114.08 6.10 -30.79	114.82 5.68 -35.36	110.27 5.79 -30.24	107.56 5.47 -31.04	110.01 5.81 -27.74	124.17 7.82 -13.50	151.22 10.35 -8.21	170.18 11.47 -9.73	164.99 11.98 -6.86	148.66 10.68 -15.26	147.13 9.74 -24.19	138.73 7.96 -37.18	130.61 7.63 -34.24	132.33 7.06 -42.17	138.91 6.83 -50.70	156.13 9.04 -38.13	189.64 13.03 -26.87	242.22 15.51 -52.38	230.65 14.24 -59.94	207.05 13.16 -44.29	184.18 10.98 -35.99	171.23 8.97 -52.85	150.44 7.76 -50.28	134.28 7.61 -31.48
INDIAN POINT_GT_3 24019	114.08 6.10 -30.79	114.82 5.68 -35.36	110.27 5.79 -30.24	107.56 5.47 -31.04	110.01 5.81 -27.74	124.17 7.82 -13.50	151.22 10.35 -8.21	170.18 11.47 -9.73	164.99 11.98 -6.86	148.66 10.68 -15.26	147.13 9.74 -24.19	138.73 7.96 -37.18	130.61 7.63 -34.24	132.33 7.06 -42.17	138.91 6.83 -50.70	156.13 9.04 -38.13	189.64 13.03 -26.87	242.22 15.51 -52.38	230.65 14.24 -59.94	207.05 13.16 -44.29	184.18 10.98 -35.99	171.23 8.97 -52.85	150.44 7.76 -50.28	134.28 7.61 -31.48
INDIAN POINT___2 23530	113.65 6.03 -30.43	114.33 5.60 -34.94	109.84 5.72 -29.89	107.13 5.40 -30.68	109.62 5.74 -27.42	123.91 7.72 -13.34	150.46 9.68 -8.11	169.33 10.73 -9.61	164.02 11.10 -6.78	147.97 10.18 -15.06	146.05 8.94 -23.91	137.83 7.49 -36.75	129.85 7.28 -33.83	131.42 6.65 -41.67	137.90 6.43 -50.11	155.56 8.94 -37.67	189.24 13.02 -26.48	241.30 15.51 -51.46	229.78 14.24 -59.07	206.37 13.01 -43.77	183.89 11.11 -35.57	170.50 8.86 -52.23	149.94 7.85 -49.69	133.72 7.43 -31.11
INDIAN POINT___3 23531	114.01 6.02 -30.79	114.75 5.61 -35.36	110.20 5.72 -30.25	107.57 5.47 -31.05	110.02 5.81 -27.74	124.17 7.82 -13.50	151.22 10.35 -8.21	170.03 11.32 -9.73	164.84 11.84 -6.86	148.52 10.55 -15.24	146.91 9.51 -24.20	138.64 7.86 -37.19	130.52 7.54 -34.23	132.25 6.98 -42.17	138.83 6.75 -50.71	155.90 8.83 -38.12	189.27 12.73 -26.80	241.59 15.17 -52.10	230.34 14.08 -59.78	206.90 13.01 -44.29	183.91 10.70 -35.99	171.02 8.75 -52.86	150.35 7.67 -50.28	134.28 7.61 -31.49
INGHAM_C_115KV_TB7 356103	78.04 0.85 0.00	74.67 0.89 0.00	75.20 0.97 0.00	72.11 1.07 0.00	77.76 1.30 0.00	104.71 1.85 0.00	135.32 2.65 0.00	152.11 3.13 0.00	149.36 3.22 0.00	125.79 3.07 0.00	116.15 2.94 0.00	96.12 2.53 0.00	91.23 2.48 0.00	85.51 2.41 0.00	83.81 2.44 0.00	112.33 3.38 0.00	154.53 4.79 0.00	180.08 5.75 0.00	161.79 5.32 0.00	154.23 4.64 0.00	141.33 4.12 0.00	112.80 3.39 0.00	95.27 2.86 0.00	98.23 3.05 0.00
IP CORINTH___1 23988	123.07 6.18 -39.70	125.28 5.90 -45.59	119.10 5.86 -39.00	116.62 5.54 -40.03	118.12 5.89 -35.77	128.49 8.23 -17.41	154.92 11.67 -10.59	173.89 12.37 -12.54	167.41 12.42 -8.84	152.37 10.55 -19.09	153.91 9.51 -31.19	149.28 7.77 -47.92	140.03 7.37 -43.92	144.16 6.81 -54.25	153.50 6.75 -65.38	166.69 9.04 -48.70	193.36 11.38 -32.24	246.46 14.12 -58.01	241.32 12.83 -72.01	218.67 11.97 -57.11	194.33 10.70 -46.41	186.09 8.53 -68.15	163.98 6.75 -64.83	142.44 6.66 -40.59
IP___TICONDEROGA 23804	125.65 8.80 -39.66	127.81 8.48 -45.54	121.58 8.39 -38.96	118.99 7.96 -39.99	120.68 8.49 -35.73	132.07 11.83 -17.39	160.48 17.25 -10.57	179.83 18.32 -12.53	173.39 18.41 -8.83	157.50 15.71 -19.07	158.51 14.15 -31.16	152.69 11.23 -47.87	143.35 10.74 -43.87	147.18 9.89 -54.19	156.44 9.76 -65.31	170.78 13.18 -48.64	199.91 17.97 -32.20	254.59 22.31 -57.95	248.59 20.19 -71.94	225.49 18.85 -57.05	200.59 17.01 -46.36	190.94 13.46 -68.07	167.60 10.44 -64.76	146.20 10.47 -40.55
ISLIP_RES_REC 323679	138.28 9.57 -51.51	130.93 9.00 -48.16	120.18 9.20 -36.74	111.32 8.88 -31.39	119.74 9.48 -33.80	129.05 12.54 -13.65	155.82 14.86 -8.30	175.20 16.39 -9.84	169.59 16.51 -6.94	152.90 14.60 -15.58	151.04 13.35 -24.48	149.65 11.89 -44.17	148.06 11.45 -47.86	148.89 10.72 -55.06	149.83 10.33 -58.13	161.25 13.62 -38.67	197.89 20.36 -27.79	254.45 24.74 -55.38	240.48 22.07 -61.94	214.27 19.90 -44.78	191.03 17.43 -36.39	176.08 13.23 -53.44	155.34 12.10 -50.84	148.01 12.09 -40.74

JAMAICA__27_KV_LOAD 355505	116.13 7.80 -31.14	116.63 7.08 -35.76	112.03 7.20 -30.59	109.20 6.75 -31.40	111.78 7.26 -28.06	126.38 9.87 -13.65	153.97 13.00 -8.31	173.42 14.60 -9.85	168.44 15.35 -6.95	160.40 13.87 -23.81	150.54 12.79 -24.54	142.13 10.58 -37.96	137.50 10.12 -38.64	137.33 9.39 -44.84	141.46 8.79 -51.30	166.10 11.88 -45.27	223.43 16.92 -56.77	274.08 20.40 -79.36	250.46 18.78 -75.21	211.75 17.35 -44.81	187.89 14.27 -36.40	174.36 11.49 -53.46	153.06 9.79 -50.87	136.45 9.42 -31.84
JANIS__SOLAR 323808	90.51 4.79 -8.53	88.15 4.58 -9.80	87.22 4.60 -8.38	84.20 4.55 -8.60	89.11 4.97 -7.69	113.69 7.09 -3.74	145.42 10.48 -2.27	162.54 10.87 -2.70	158.27 10.23 -1.90	135.54 8.71 -4.10	127.61 7.70 -6.70	110.16 6.27 -10.30	104.02 5.76 -9.51	100.34 5.48 -11.75	100.98 5.45 -14.16	127.68 8.18 -10.55	169.60 12.88 -6.98	203.46 16.57 -12.57	187.72 15.65 -15.60	175.27 13.31 -12.37	159.07 11.80 -10.05	133.47 9.29 -14.76	113.66 7.21 -14.04	111.41 7.43 -8.79
JARVIS____ 23743	78.27 1.08 0.00	74.81 1.03 0.00	75.28 1.04 0.00	72.12 1.07 0.00	77.61 1.15 0.00	104.40 1.55 0.00	134.52 1.86 0.00	151.22 2.24 0.00	148.34 2.20 0.00	124.81 2.08 0.00	115.13 1.92 0.00	95.18 1.59 0.00	90.25 1.51 0.00	84.51 1.41 0.00	82.75 1.38 0.00	110.81 1.85 0.00	152.44 2.70 0.00	177.29 2.96 0.00	159.29 2.82 0.00	152.13 2.54 0.00	139.40 2.19 0.00	111.27 1.86 0.00	94.07 1.67 0.00	96.80 1.62 0.00
JENNISON____1 23625	93.98 5.79 -11.00	91.87 5.46 -12.63	90.54 5.49 -10.80	87.47 5.33 -11.09	92.18 5.81 -9.91	115.91 8.23 -4.82	147.40 11.81 -2.93	164.82 12.37 -3.48	160.87 12.28 -2.45	139.06 11.05 -5.29	131.81 9.96 -8.64	115.29 8.42 -13.28	108.84 7.90 -12.20	105.57 7.40 -15.07	106.69 7.16 -18.16	132.29 9.81 -13.53	172.92 14.23 -8.96	208.05 17.61 -16.12	193.07 16.59 -20.01	180.42 14.96 -15.87	163.01 12.90 -12.89	138.74 10.39 -18.93	118.82 8.41 -18.01	115.02 8.57 -11.27
JENNISON____2 23626	93.98 5.79 -11.00	91.87 5.46 -12.63	90.54 5.49 -10.80	87.47 5.33 -11.09	92.18 5.81 -9.91	115.91 8.23 -4.82	147.40 11.81 -2.93	164.82 12.37 -3.48	160.87 12.28 -2.45	139.06 11.05 -5.29	131.81 9.96 -8.64	115.29 8.42 -13.28	108.84 7.90 -12.20	105.57 7.40 -15.07	106.69 7.16 -18.16	132.29 9.81 -13.53	172.92 14.23 -8.96	208.05 17.61 -16.12	193.07 16.59 -20.01	180.42 14.96 -15.87	163.01 12.90 -12.89	138.74 10.39 -18.93	118.82 8.41 -18.01	115.02 8.57 -11.27
JERICOHO_RISE_WT_PWR 323719	75.03 -2.16 0.00	71.86 -1.92 0.00	72.31 -1.93 0.00	68.92 -2.13 0.00	74.55 -1.91 0.00	100.59 -2.26 0.00	127.10 -5.57 0.00	142.86 -6.11 0.00	140.01 -6.13 0.00	116.59 -6.13 0.00	109.35 -3.85 0.00	90.87 -2.72 0.00	85.82 -2.93 0.00	80.44 -2.66 0.00	78.93 -2.44 0.00	106.02 -2.94 0.00	142.85 -6.89 0.00	167.35 -6.98 0.00	149.59 -6.88 0.00	144.06 -5.53 0.00	132.00 -5.21 0.00	106.35 -3.06 0.00	90.18 -2.22 0.00	93.76 -1.43 0.00
KATONAH__115KV_46KV_TB4 355592	115.41 6.79 -31.42	116.21 6.35 -36.09	111.49 6.38 -30.87	108.84 6.11 -31.69	111.12 6.35 -28.31	125.27 8.64 -13.78	152.32 11.28 -8.38	171.72 12.81 -9.93	166.59 13.45 -7.00	149.80 11.90 -15.17	148.76 10.87 -24.69	140.42 8.89 -37.93	131.96 8.43 -34.79	133.95 7.89 -42.95	140.60 7.49 -51.75	157.57 10.02 -38.59	190.10 14.52 -25.84	240.53 17.61 -48.60	231.07 16.12 -58.48	209.75 14.96 -45.20	186.30 12.35 -36.73	173.64 10.28 -53.94	152.31 8.59 -51.31	135.79 8.47 -32.13
KCE_NY_1 323755	122.27 5.48 -39.60	124.49 5.24 -45.47	118.33 5.19 -38.90	115.87 4.90 -39.93	117.41 5.27 -35.68	127.41 7.20 -17.36	153.04 9.82 -10.56	171.92 10.42 -12.51	165.34 10.38 -8.82	150.48 8.71 -19.04	152.35 8.04 -31.11	147.94 6.55 -47.80	138.85 6.30 -43.80	143.02 5.82 -54.10	152.27 5.69 -65.21	164.39 6.87 -48.57	191.33 9.44 -32.15	243.51 11.32 -57.86	238.62 10.32 -71.82	215.98 9.43 -56.96	192.29 8.79 -46.29	184.39 7.01 -67.97	162.79 5.73 -64.66	142.33 6.66 -40.49
KCE_NY_6_ESR 323823	79.21 -3.01 -5.03	76.61 -2.95 -5.78	76.13 -3.05 -4.94	73.35 -2.77 -5.07	77.48 -3.52 -4.53	100.75 -4.32 -2.21	127.38 -6.63 -1.34	138.80 -11.77 -1.59	134.84 -12.42 -1.12	116.44 -8.71 -2.42	108.67 -8.49 -3.96	92.93 -6.74 -6.08	88.45 -5.86 -5.57	84.41 -5.57 -6.88	84.12 -5.54 -8.29	105.98 -9.15 -6.17	142.44 -11.39 -4.09	168.26 -13.42 -7.35	155.12 -10.48 -9.13	143.96 -12.87 -7.24	131.71 -11.39 -5.88	109.73 -8.32 -8.64	94.89 -5.73 -8.22	96.33 -3.99 -5.15
KEDC_PORT_JEFF_GT2 24210	137.81 9.10 -51.51	130.49 8.55 -48.16	119.73 8.76 -36.74	110.82 8.38 -31.39	119.28 9.02 -33.80	128.33 11.82 -13.65	154.50 13.54 -8.30	173.26 14.45 -9.84	167.69 14.61 -6.94	151.44 13.14 -15.58	149.92 12.23 -24.48	148.80 11.04 -44.17	147.25 10.64 -47.86	148.13 9.97 -55.06	149.10 9.60 -58.13	159.94 12.31 -38.67	195.79 18.26 -27.79	252.03 22.32 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.78 11.93 -53.44	154.51 11.27 -50.84	147.25 11.32 -40.74
KEDC_PORT_JEFF_GT3 24211	137.81 9.10 -51.51	130.49 8.55 -48.16	119.73 8.76 -36.74	110.82 8.38 -31.39	119.28 9.02 -33.80	128.33 11.82 -13.65	154.50 13.54 -8.30	173.26 14.45 -9.84	167.69 14.61 -6.94	151.44 13.14 -15.58	149.92 12.23 -24.48	148.80 11.04 -44.17	147.25 10.64 -47.86	148.13 9.97 -55.06	149.10 9.60 -58.13	159.94 12.31 -38.67	195.79 18.26 -27.79	252.03 22.32 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.78 11.93 -53.44	154.51 11.27 -50.84	147.25 11.32 -40.74
KEDC_GLWD_GT4 24219	136.81 8.10 -51.51	129.54 7.60 -48.16	118.63 7.65 -36.74	109.69 7.25 -31.39	118.06 7.80 -33.80	127.10 10.60 -13.65	153.83 12.86 -8.30	173.26 14.45 -9.84	168.00 14.91 -6.94	151.56 13.26 -15.58	149.68 11.99 -24.49	148.15 10.39 -44.18	146.55 9.94 -47.87	147.39 9.22 -55.06	148.37 8.87 -58.13	159.62 11.99 -38.67	195.19 17.66 -27.79	250.97 21.26 -55.38	237.50 19.08 -61.94	211.72 17.34 -44.78	188.70 15.09 -36.39	174.56 11.71 -53.44	153.68 10.44 -50.84	146.01 10.08 -40.74
KEDC_GLWD_GT5 24220	136.81 8.10 -51.51	129.54 7.60 -48.16	118.63 7.65 -36.74	109.69 7.25 -31.39	118.06 7.80 -33.80	127.10 10.60 -13.65	153.83 12.86 -8.30	173.26 14.45 -9.84	168.00 14.91 -6.94	151.56 13.26 -15.58	149.68 11.99 -24.49	148.15 10.39 -44.18	146.55 9.94 -47.87	147.39 9.22 -55.06	148.37 8.87 -58.13	159.62 11.99 -38.67	195.19 17.66 -27.79	250.97 21.26 -55.38	237.50 19.08 -61.94	211.72 17.34 -44.78	188.70 15.09 -36.39	174.56 11.71 -53.44	153.68 10.44 -50.84	146.01 10.08 -40.74
KENSICO____ 23655	114.65 6.41 -31.05	115.34 5.90 -35.66	110.75 6.01 -30.50	108.11 5.75 -31.31	110.55 6.12 -27.98	124.70 8.23 -13.61	151.82 10.88 -8.28	170.86 12.07 -9.81	165.48 12.42 -6.92	149.36 11.17 -15.47	147.79 10.19 -24.40	139.51 8.42 -37.50	131.29 7.99 -34.56	133.04 7.40 -42.54	139.66 7.16 -51.13	156.95 9.48 -38.52	190.81 13.63 -27.45	244.73 16.21 -54.19	232.54 14.86 -61.20	208.02 13.76 -44.66	184.90 11.39 -36.29	172.01 9.30 -53.30	151.23 8.13 -50.70	134.92 8.00 -31.75
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	113.51 6.95 -29.37	114.00 6.49 -33.73	109.70 6.61 -28.85	106.92 6.25 -29.62	109.65 6.73 -26.47	124.89 9.15 -12.88	152.70 12.21 -7.83	171.07 12.81 -9.28	165.84 13.15 -6.54	148.14 11.29 -14.12	146.36 10.08 -23.08	137.28 8.24 -35.45	129.05 7.81 -32.49	130.47 7.23 -40.14	136.82 7.08 -48.37	154.35 9.37 -36.03	187.67 14.08 -23.85	235.03 17.78 -42.92	225.71 15.96 -53.28	206.65 14.81 -42.25	183.76 12.21 -34.34	169.90 10.07 -50.42	149.14 8.78 -47.96	133.78 8.57 -30.03

KIAC_JFK_GT1 23816	115.90 7.56 -31.14	116.40 6.86 -35.76	111.81 6.98 -30.59	108.98 6.54 -31.40	111.55 7.03 -28.06	126.07 9.57 -13.65	153.58 12.60 -8.31	172.98 14.15 -9.85	168.00 14.91 -6.95	160.04 13.50 -23.81	150.20 12.45 -24.54	141.85 10.29 -37.96	137.23 9.85 -38.64	137.08 9.14 -44.84	141.21 8.54 -51.30	165.78 11.55 -45.27	222.98 16.47 -56.77	273.39 19.70 -79.36	249.83 18.15 -75.21	211.31 16.90 -44.81	187.34 13.72 -36.40	174.03 11.16 -53.46	152.79 9.52 -50.87	136.16 9.14 -31.84
KIAC_JFK_GT2 23817	115.90 7.56 -31.14	116.40 6.86 -35.76	111.81 6.98 -30.59	108.98 6.54 -31.40	111.55 7.03 -28.06	126.07 9.57 -13.65	153.58 12.60 -8.31	172.98 14.15 -9.85	168.00 14.91 -6.95	160.04 13.50 -23.81	150.20 12.45 -24.54	141.85 10.29 -37.96	137.23 9.85 -38.64	137.08 9.14 -44.84	141.21 8.54 -51.30	165.78 11.55 -45.27	222.98 16.47 -56.77	273.39 19.70 -79.36	249.83 18.15 -75.21	211.31 16.90 -44.81	187.34 13.72 -36.40	174.03 11.16 -53.46	152.79 9.52 -50.87	136.16 9.14 -31.84
KIAC_JFK____ 323774	115.91 7.57 -31.14	116.41 6.86 -35.76	111.80 6.98 -30.59	108.98 6.53 -31.40	111.55 7.03 -28.06	126.08 9.57 -13.65	152.78 11.80 -8.31	172.24 13.41 -9.85	167.27 14.17 -6.95	159.79 13.26 -23.81	149.30 11.55 -24.54	141.19 9.64 -37.96	136.61 9.23 -38.64	136.50 8.56 -44.84	140.97 8.30 -51.30	165.89 11.66 -45.27	223.27 16.77 -56.77	273.73 20.04 -79.36	249.82 18.14 -75.21	211.30 16.90 -44.81	187.75 14.14 -36.40	174.14 11.27 -53.46	152.97 9.70 -50.87	136.07 9.05 -31.84
KINTIGH____ 23543	78.44 -2.93 -4.18	75.78 -2.80 -4.80	75.37 -2.97 -4.11	72.63 -2.63 -4.21	76.94 -3.29 -3.77	100.57 -4.11 -1.83	126.61 -7.16 -1.11	138.23 -12.07 -1.32	135.09 -11.98 -0.93	115.90 -8.84 -2.01	107.77 -8.72 -3.28	91.90 -6.74 -5.04	87.33 -6.03 -4.62	83.25 -5.57 -5.71	82.72 -5.53 -6.88	105.48 -8.61 -5.13	142.20 -10.93 -3.39	167.88 -12.55 -6.11	153.89 -10.17 -7.58	145.58 -10.02 -6.01	131.54 -10.57 -4.89	108.71 -7.88 -7.18	93.77 -5.45 -6.81	95.17 -4.28 -4.27
KNTFSRNC_46_KV_46KV_LOAD 80397	76.19 -1.00 0.00	72.97 -0.81 0.00	73.42 -0.82 0.00	69.91 -1.14 0.00	75.77 -0.69 0.00	102.13 -0.72 0.00	128.02 -4.64 0.00	143.17 -5.81 0.00	140.15 -5.99 0.00	116.96 -5.77 0.00	110.60 -2.60 0.00	92.19 -1.40 0.00	87.06 -1.69 0.00	81.52 -1.58 0.00	79.99 -1.38 0.00	107.76 -1.20 0.00	143.60 -6.14 0.00	168.57 -5.75 0.00	150.68 -5.79 0.00	144.36 -5.24 0.00	132.55 -4.67 0.00	107.55 -1.86 0.00	91.48 -0.92 0.00	95.56 0.38 0.00
LACHUTE____HYDRO 323717	125.65 8.80 -39.66	127.81 8.48 -45.54	121.58 8.39 -38.96	118.99 7.96 -39.99	120.68 8.49 -35.73	132.07 11.82 -17.39	160.48 17.24 -10.57	179.83 18.32 -12.53	173.39 18.41 -8.83	157.50 15.71 -19.07	158.51 14.15 -31.16	152.69 11.23 -47.87	143.26 10.64 -43.87	147.09 9.80 -54.19	156.35 9.68 -65.31	168.28 10.68 -48.64	196.32 14.38 -32.20	250.23 17.96 -57.95	244.83 16.43 -71.93	221.60 14.96 -57.05	197.29 13.72 -46.36	188.32 10.83 -68.07	165.48 8.32 -64.76	146.20 10.47 -40.55
LAWRNCV_115KV_TB1 80681	71.71 -5.48 0.00	68.62 -5.16 0.00	69.04 -5.20 0.00	66.00 -5.04 0.00	71.26 -5.20 0.00	95.86 -6.99 0.00	123.38 -9.29 0.00	142.57 -6.41 0.00	139.57 -6.58 0.00	114.50 -8.22 0.00	106.30 -6.91 0.00	88.07 -5.52 0.00	83.24 -5.50 0.00	77.95 -5.15 0.00	76.32 -5.04 0.00	102.64 -6.32 0.00	139.85 -9.88 0.00	165.09 -9.24 0.00	145.68 -10.80 0.00	139.42 -10.17 0.00	128.30 -8.92 0.00	102.30 -7.11 0.00	86.67 -5.73 0.00	89.19 -6.00 0.00
LEDERLE____ 23769	113.46 6.25 -30.02	114.08 5.83 -34.47	109.66 5.94 -29.48	106.93 5.61 -30.27	109.47 5.96 -27.05	124.14 8.13 -13.16	151.41 10.75 -8.00	170.23 11.77 -9.48	165.11 12.28 -6.69	148.41 10.92 -14.76	146.64 9.85 -23.59	137.88 8.05 -36.25	129.80 7.72 -33.34	131.33 7.15 -41.09	137.72 6.92 -49.43	155.08 9.04 -37.08	188.51 13.03 -25.75	239.30 15.69 -49.28	228.47 14.55 -57.45	206.23 13.46 -43.18	183.42 11.11 -35.09	170.02 9.08 -51.53	149.36 7.95 -49.01	133.68 7.80 -30.69
LIGHTHSE_115KV_TB6 355974	78.82 -0.69 -2.32	75.71 -0.74 -2.67	75.78 -0.74 -2.28	72.75 -0.64 -2.34	77.94 -0.61 -2.09	102.95 -0.93 -1.02	132.22 -1.06 -0.62	147.92 -1.79 -0.73	144.91 -1.75 -0.52	122.98 -0.86 -1.12	114.12 -0.91 -1.82	95.83 -0.56 -2.80	90.96 -0.35 -2.57	85.94 -0.33 -3.18	84.87 -0.33 -3.83	111.48 -0.33 -2.85	151.33 -0.30 -1.89	178.24 0.52 -3.40	161.47 0.78 -4.22	153.08 0.15 -3.34	139.52 -0.41 -2.72	113.07 -0.33 -3.99	95.51 -0.55 -3.66	96.90 -0.57 -2.29
LINDEN COGEN____ 23786	114.82 6.49 -31.14	115.52 5.97 -35.76	110.92 6.09 -30.59	108.27 5.83 -31.40	110.71 6.19 -28.06	124.94 8.44 -13.65	151.45 10.48 -8.31	170.45 11.63 -9.85	165.51 12.42 -6.95	157.95 11.42 -23.81	147.71 9.96 -24.54	139.88 8.33 -37.96	134.73 8.07 -37.92	134.94 7.39 -44.45	139.83 7.16 -51.30	164.14 9.91 -45.27	220.88 14.38 -56.77	270.78 17.09 -79.36	247.33 15.65 -75.21	208.76 14.36 -44.81	185.70 12.08 -36.40	172.50 9.63 -53.45	151.76 8.50 -50.87	134.83 7.81 -31.84
LINDHRST_69_KV_BK1 356055	137.74 9.03 -51.51	130.35 8.41 -48.16	119.52 8.54 -36.74	110.54 8.10 -31.39	118.97 8.72 -33.80	128.23 11.73 -13.65	156.09 15.12 -8.30	175.35 16.54 -9.84	169.89 16.81 -6.93	153.52 15.22 -15.58	151.61 13.92 -24.48	149.28 11.51 -44.17	147.52 10.92 -47.87	148.38 10.22 -55.06	149.43 9.93 -58.13	160.16 12.53 -38.67	195.50 17.97 -27.79	250.63 20.92 -55.38	237.97 19.56 -61.94	212.18 17.80 -44.78	188.43 14.82 -36.39	174.56 11.71 -53.44	153.59 10.35 -50.84	147.25 11.33 -40.74
LIPA_MISC_IPP 23656	137.97 9.26 -51.51	130.57 8.63 -48.16	119.96 8.98 -36.74	111.11 8.67 -31.39	119.59 9.33 -33.80	128.54 12.03 -13.65	156.09 15.12 -8.30	175.20 16.39 -9.84	169.89 16.81 -6.93	153.77 15.46 -15.58	151.72 14.04 -24.48	149.65 11.89 -44.17	147.88 11.27 -47.87	148.63 10.47 -55.06	149.83 10.33 -58.13	160.05 12.42 -38.67	194.75 17.22 -27.79	248.36 18.65 -55.38	236.88 18.46 -61.94	211.13 16.75 -44.78	187.74 14.13 -36.39	173.79 10.94 -53.44	153.50 10.26 -50.84	147.73 11.80 -40.74
LISF__SOLAR 323691	138.12 9.41 -51.51	130.71 8.78 -48.16	120.11 9.13 -36.74	111.32 8.88 -31.39	119.74 9.48 -33.80	128.74 12.23 -13.65	155.30 14.33 -8.30	174.60 15.78 -9.84	169.01 15.93 -6.94	152.53 14.23 -15.58	150.59 12.90 -24.48	149.46 11.70 -44.17	147.79 11.18 -47.86	148.63 10.47 -55.06	149.59 10.09 -58.13	160.81 13.18 -38.67	197.29 19.76 -27.79	253.59 23.88 -55.38	239.69 21.28 -61.94	213.53 19.15 -44.78	190.62 17.01 -36.39	175.86 13.01 -53.44	155.16 11.92 -50.84	147.92 11.99 -40.74
LITTLE FALLS____HYD 24013	78.04 0.85 0.00	74.67 0.89 0.00	75.20 0.97 0.00	72.11 1.07 0.00	77.76 1.30 0.00	104.71 1.85 0.00	135.32 2.65 0.00	152.11 3.13 0.00	149.36 3.22 0.00	125.79 3.07 0.00	116.15 2.94 0.00	96.12 2.53 0.00	91.23 2.48 0.00	85.51 2.41 0.00	83.81 2.44 0.00	112.33 3.38 0.00	154.53 4.79 0.00	180.08 5.75 0.00	161.79 5.32 0.00	154.23 4.64 0.00	141.33 4.12 0.00	112.80 3.39 0.00	95.27 2.86 0.00	98.23 3.05 0.00
LITTLRIV_115KV_TB1 356100	72.41 -4.79 0.00	69.21 -4.57 0.00	69.71 -4.53 0.00	66.64 -4.40 0.00	72.03 -4.43 0.00	96.99 -5.86 0.00	125.23 -7.43 0.00	144.66 -4.32 0.00	141.76 -4.38 0.00	116.47 -6.26 0.00	108.22 -4.98 0.00	89.66 -3.93 0.00	84.84 -3.90 0.00	79.36 -3.74 0.00	77.63 -3.74 0.00	104.49 -4.47 0.00	142.25 -7.49 0.00	167.70 -6.62 0.00	148.02 -8.45 0.00	141.81 -7.78 0.00	130.35 -6.86 0.00	103.83 -5.58 0.00	87.88 -4.53 0.00	90.33 -4.85 0.00

LI_NEWBRDGE___DRP 323616	136.19 7.49 -51.51	128.87 6.94 -48.16	118.03 7.05 -36.74	109.12 6.68 -31.39	117.45 7.19 -33.80	126.17 9.67 -13.65	153.30 12.34 -8.30	172.37 13.56 -9.84	167.11 14.03 -6.93	151.07 12.76 -15.58	149.35 11.66 -24.48	147.40 9.64 -44.17	145.84 9.23 -47.87	146.72 8.56 -55.06	147.80 8.30 -58.13	158.09 10.46 -38.67	192.35 14.82 -27.79	247.14 17.43 -55.38	234.69 16.27 -61.94	209.18 14.81 -44.78	185.82 12.21 -36.39	172.70 9.85 -53.44	151.92 8.69 -50.84	145.25 9.33 -40.74
LOCKPORT_115KV_TB60_63_64 80432	77.57 -4.17 -4.54	74.94 -4.06 -5.21	74.47 -4.23 -4.46	71.79 -3.84 -4.58	75.96 -4.59 -4.09	98.98 -5.86 -1.99	124.19 -9.68 -1.21	134.03 -16.39 -1.44	131.08 -16.08 -1.01	112.76 -12.15 -2.18	104.89 -11.89 -3.57	89.90 -9.17 -5.48	85.43 -8.34 -5.03	81.50 -7.81 -6.21	81.12 -7.73 -7.49	102.87 -11.66 -5.58	138.60 -14.82 -3.69	164.06 -16.91 -6.64	150.79 -13.93 -8.24	142.37 -13.76 -6.54	128.40 -14.13 -5.31	106.38 -10.83 -7.80	92.24 -7.58 -7.41	93.92 -5.90 -4.64
LOCKPORT___CC1 323769	77.45 -4.32 -4.58	74.83 -4.20 -5.26	74.35 -4.38 -4.50	71.69 -3.98 -4.61	75.77 -4.81 -4.12	98.79 -6.07 -2.01	124.59 -9.29 -1.22	134.93 -15.50 -1.45	131.09 -16.08 -1.02	113.03 -11.90 -2.20	105.48 -11.32 -3.60	89.95 -9.17 -5.53	85.64 -8.16 -5.06	81.71 -7.64 -6.25	81.34 -7.56 -7.53	102.58 -11.99 -5.61	138.03 -15.42 -3.71	162.71 -18.30 -6.68	149.75 -15.02 -8.30	139.11 -17.06 -6.58	127.33 -15.24 -5.35	106.00 -11.27 -7.85	91.74 -8.13 -7.47	93.87 -5.99 -4.68
LOCKPORT___CC2 323770	77.45 -4.32 -4.58	74.83 -4.20 -5.26	74.35 -4.38 -4.50	71.69 -3.98 -4.61	75.77 -4.81 -4.12	98.79 -6.07 -2.01	124.59 -9.29 -1.22	134.93 -15.50 -1.45	131.09 -16.08 -1.02	113.03 -11.90 -2.20	105.48 -11.32 -3.60	89.95 -9.17 -5.53	85.64 -8.16 -5.06	81.71 -7.64 -6.25	81.34 -7.56 -7.53	102.58 -11.99 -5.61	138.03 -15.42 -3.71	162.71 -18.30 -6.68	149.75 -15.02 -8.30	139.11 -17.06 -6.58	127.33 -15.24 -5.35	106.00 -11.27 -7.85	91.74 -8.13 -7.47	93.87 -5.99 -4.68
LOCKPORT___CC3 323771	77.45 -4.32 -4.58	74.83 -4.20 -5.26	74.35 -4.38 -4.50	71.69 -3.98 -4.61	75.77 -4.81 -4.12	98.79 -6.07 -2.01	124.59 -9.29 -1.22	134.93 -15.50 -1.45	131.09 -16.08 -1.02	113.03 -11.90 -2.20	105.48 -11.32 -3.60	89.95 -9.17 -5.53	85.64 -8.16 -5.06	81.71 -7.64 -6.25	81.34 -7.56 -7.53	102.58 -11.99 -5.61	138.03 -15.42 -3.71	162.71 -18.30 -6.68	149.75 -15.02 -8.30	139.11 -17.06 -6.58	127.33 -15.24 -5.35	106.00 -11.27 -7.85	91.74 -8.13 -7.47	93.87 -5.99 -4.68
LONG_LAKE_PHOENIX 24014	78.86 -0.85 -2.52	75.86 -0.81 -2.89	75.82 -0.89 -2.47	72.80 -0.78 -2.54	77.81 -0.92 -2.27	102.52 -1.44 -1.10	131.48 -1.86 -0.67	147.09 -2.68 -0.80	144.22 -2.48 -0.56	122.22 -1.72 -1.21	113.60 -1.58 -1.98	95.41 -1.22 -3.04	90.46 -1.06 -2.78	85.54 -1.00 -3.44	84.54 -0.98 -4.14	110.73 -1.31 -3.09	150.13 -1.65 -2.04	176.61 -1.39 -3.68	160.25 -0.78 -4.56	152.01 -1.20 -3.62	138.65 -1.51 -2.94	112.42 -1.31 -4.32	95.28 -1.20 -4.07	96.50 -1.24 -2.55
LOVETT___3 23632	113.26 5.94 -30.12	113.90 5.53 -34.59	109.46 5.64 -29.58	106.75 5.33 -30.37	109.26 5.66 -27.14	123.67 7.61 -13.21	150.78 10.08 -8.03	169.67 11.17 -9.52	164.40 11.55 -6.71	147.86 10.31 -14.83	146.15 9.28 -23.67	137.64 7.67 -36.37	129.56 7.37 -33.45	131.15 6.81 -41.23	137.48 6.51 -49.60	154.78 8.61 -37.22	188.05 12.43 -25.89	238.80 14.82 -49.65	228.00 13.77 -57.75	205.63 12.72 -43.33	182.85 10.43 -35.21	169.76 8.64 -51.70	149.16 7.58 -49.18	133.40 7.42 -30.80
LOVETT___4 23642	113.26 5.94 -30.12	113.90 5.53 -34.59	109.46 5.64 -29.58	106.75 5.33 -30.37	109.26 5.66 -27.14	123.67 7.61 -13.21	150.78 10.08 -8.03	169.67 11.17 -9.52	164.40 11.55 -6.71	147.86 10.31 -14.83	146.15 9.28 -23.67	137.64 7.67 -36.37	129.56 7.37 -33.45	131.15 6.81 -41.23	137.48 6.51 -49.60	154.78 8.61 -37.22	188.05 12.43 -25.89	238.80 14.82 -49.65	228.00 13.77 -57.75	205.63 12.72 -43.33	182.85 10.43 -35.21	169.76 8.64 -51.70	149.16 7.58 -49.18	133.40 7.42 -30.80
LOVETT___5 23593	113.26 5.94 -30.12	113.90 5.53 -34.59	109.46 5.64 -29.58	106.75 5.33 -30.37	109.26 5.66 -27.14	123.67 7.61 -13.21	150.78 10.08 -8.03	169.67 11.17 -9.52	164.40 11.55 -6.71	147.86 10.31 -14.83	146.15 9.28 -23.67	137.64 7.67 -36.37	129.56 7.37 -33.45	131.15 6.81 -41.23	137.48 6.51 -49.60	154.78 8.61 -37.22	188.05 12.43 -25.89	238.80 14.82 -49.65	228.00 13.77 -57.75	205.63 12.72 -43.33	182.85 10.43 -35.21	169.76 8.64 -51.70	149.16 7.58 -49.18	133.40 7.42 -30.80
LOWER_RAQUET___HYD 24057	71.40 -5.79 0.00	68.25 -5.53 0.00	68.75 -5.49 0.00	65.72 -5.33 0.00	71.03 -5.43 0.00	95.45 -7.41 0.00	122.85 -9.82 0.00	141.68 -7.30 0.00	138.99 -7.16 0.00	114.02 -8.71 0.00	105.96 -7.25 0.00	87.79 -5.80 0.00	82.88 -5.86 0.00	77.70 -5.40 0.00	76.00 -5.37 0.00	102.20 -6.76 0.00	139.11 -10.63 0.00	164.39 -9.93 0.00	145.21 -11.27 0.00	139.57 -10.02 0.00	127.75 -9.47 0.00	101.86 -7.55 0.00	86.40 -6.00 0.00	88.90 -6.29 0.00
LOWER___HUDSON 24059	120.32 4.17 -38.96	122.43 3.91 -44.74	116.44 3.93 -38.27	114.09 3.76 -39.28	115.61 4.05 -35.10	125.49 5.55 -17.08	150.34 7.29 -10.39	169.18 7.89 -12.31	162.42 7.59 -8.68	147.83 6.38 -18.73	149.69 5.88 -30.61	145.57 4.96 -47.02	136.53 4.70 -43.09	140.72 4.40 -53.22	149.90 4.39 -64.14	162.28 5.55 -47.77	189.00 7.63 -31.63	240.30 9.06 -56.92	235.41 8.29 -70.65	213.10 7.48 -56.03	189.88 7.13 -45.53	181.95 5.69 -66.86	160.81 4.80 -63.60	140.24 5.23 -39.83
LOWVILLE_115KV_TB2 356335	78.47 0.23 -1.05	75.13 0.15 -1.20	75.42 0.15 -1.03	72.32 0.21 -1.06	77.94 0.54 -0.94	104.44 1.13 -0.46	135.46 2.52 -0.28	152.74 3.43 -0.33	149.59 3.22 -0.23	125.93 2.70 -0.50	116.63 2.60 -0.82	97.01 2.15 -1.26	91.54 1.60 -1.20	86.16 1.58 -1.48	84.70 1.55 -1.78	112.68 2.40 -1.33	154.21 3.59 -0.88	181.13 5.23 -1.58	162.97 4.54 -1.96	154.89 3.74 -1.56	141.36 2.88 -1.26	113.46 2.19 -1.86	95.81 1.48 -1.93	97.72 1.33 -1.21
LUTHERFT_115KV_GLOB_FND_222 355753	122.20 5.40 -39.60	124.42 5.16 -45.47	118.26 5.12 -38.90	115.88 4.90 -39.93	117.34 5.20 -35.68	127.31 7.10 -17.36	152.91 9.68 -10.56	171.77 10.28 -12.51	165.20 10.23 -8.82	150.48 8.71 -19.04	152.24 7.92 -31.11	147.94 6.55 -47.80	138.76 6.21 -43.80	143.02 5.82 -54.11	152.27 5.70 -65.21	165.15 7.63 -48.57	192.37 10.48 -32.15	244.91 12.73 -57.86	239.72 11.42 -71.83	217.32 10.77 -56.96	193.24 9.74 -46.29	185.26 7.88 -67.97	163.44 6.38 -64.66	142.24 6.57 -40.49
LUTHERNY_35_KV_BK2 355980	122.27 5.48 -39.60	124.49 5.24 -45.47	118.33 5.20 -38.90	115.88 4.90 -39.93	117.42 5.28 -35.68	127.42 7.20 -17.36	153.04 9.82 -10.56	171.92 10.43 -12.51	165.34 10.38 -8.82	150.60 8.84 -19.04	152.35 8.04 -31.11	148.03 6.64 -47.80	138.85 6.30 -43.80	143.11 5.90 -54.11	152.35 5.78 -65.21	165.26 7.74 -48.57	192.52 10.63 -32.15	245.09 12.90 -57.86	239.88 11.58 -71.83	217.47 10.92 -56.96	193.38 9.88 -46.29	185.26 7.88 -67.97	163.53 6.47 -64.66	142.24 6.57 -40.49
LWR___OSWEGATCHIE_HYD 23850	74.31 -3.63 -0.75	71.17 -3.47 -0.86	71.56 -3.41 -0.73	68.46 -3.34 -0.75	73.92 -3.21 -0.67	99.07 -4.11 -0.33	128.09 -4.78 -0.20	145.94 -3.28 -0.24	142.95 -3.36 -0.17	118.91 -4.17 -0.36	110.39 -3.40 -0.59	91.78 -2.71 -0.90	86.57 -3.02 -0.84	81.40 -2.74 -1.04	79.86 -2.77 -1.25	106.73 -3.16 -0.93	145.56 -4.79 -0.62	171.60 -3.84 -1.11	153.16 -4.69 -1.38	145.90 -4.79 -1.09	133.58 -4.53 -0.89	107.00 -3.72 -1.31	90.56 -3.23 -1.39	92.53 -3.52 -0.87

LYONS_FALL_HYD 23570	79.46 1.23 -1.03	76.07 1.11 -1.18	76.43 1.18 -1.01	73.22 1.13 -1.04	78.92 1.53 -0.93	105.67 2.37 -0.45	136.79 3.85 -0.27	154.07 4.77 -0.33	150.91 4.54 -0.23	127.27 4.04 -0.50	117.86 3.85 -0.81	98.02 3.18 -1.24	92.76 2.75 -1.26	87.24 2.58 -1.56	85.77 2.53 -1.88	113.94 3.59 -1.40	155.76 5.09 -0.93	182.78 6.79 -1.67	164.64 6.10 -2.07	156.32 5.09 -1.64	142.94 4.39 -1.33	114.76 3.40 -1.96	96.85 2.58 -1.86	98.82 2.47 -1.17
MADISON___COUNTY_LFGE 323628	82.05 3.01 -1.85	78.71 2.80 -2.12	78.95 2.90 -1.82	75.68 2.77 -1.87	81.19 3.06 -1.67	108.09 4.42 -0.81	139.39 6.24 -0.49	156.27 6.70 -0.58	153.28 6.72 -0.41	129.63 6.01 -0.89	120.09 5.43 -1.45	100.41 4.59 -2.23	95.09 4.26 -2.09	89.75 4.07 -2.58	88.38 3.91 -3.11	116.72 5.45 -2.32	158.91 7.64 -1.53	186.32 9.24 -2.76	168.51 8.61 -3.43	159.94 7.63 -2.72	146.01 6.59 -2.21	117.90 5.25 -3.24	99.76 4.25 -3.11	101.51 4.38 -1.95
MALONE___115KV_TB1 356076	74.96 -2.24 0.00	71.79 -1.99 0.00	72.23 -2.00 0.00	68.77 -2.27 0.00	74.47 -1.99 0.00	100.39 -2.47 0.00	127.09 -5.57 0.00	143.76 -5.21 0.00	140.88 -5.26 0.00	117.20 -5.52 0.00	109.92 -3.28 0.00	91.53 -2.06 0.00	86.44 -2.31 0.00	80.94 -2.16 0.00	79.33 -2.03 0.00	106.78 -2.18 0.00	143.60 -6.14 0.00	168.75 -5.58 0.00	150.37 -6.10 0.00	143.91 -5.68 0.00	132.28 -4.94 0.00	106.46 -2.95 0.00	90.46 -1.94 0.00	93.75 -1.43 0.00
MAPLEWOD_115KV_TB3 80458	119.69 3.78 -38.72	121.86 3.62 -44.46	115.83 3.56 -38.03	113.49 3.41 -39.04	115.01 3.67 -34.88	124.87 5.04 -16.98	149.09 6.10 -10.32	167.62 6.41 -12.23	161.20 6.43 -8.62	146.74 5.40 -18.61	148.60 4.98 -30.42	144.44 4.12 -46.73	135.57 3.99 -42.83	139.75 3.74 -52.91	148.79 3.66 -63.76	161.24 4.79 -47.49	187.92 6.74 -31.44	239.10 8.19 -56.58	234.07 7.35 -70.24	212.17 6.88 -55.70	188.79 6.31 -45.26	180.91 5.03 -66.47	159.88 4.25 -63.23	139.15 4.38 -39.59
MAPLE_RIDGE_WT_1 323574	75.81 -1.39 0.00	72.53 -1.25 0.00	72.98 -1.26 0.00	69.77 -1.28 0.00	75.16 -1.30 0.00	101.20 -1.65 0.00	130.41 -2.26 0.00	146.89 -2.09 0.00	144.10 -2.05 0.00	120.64 -2.09 0.00	111.51 -1.69 0.00	92.19 -1.40 0.00	87.32 -1.42 0.00	81.86 -1.24 0.00	80.15 -1.22 0.00	107.43 -1.53 0.00	147.50 -2.24 0.00	171.71 -2.61 0.00	153.81 -2.66 0.00	147.35 -2.24 0.00	135.16 -2.05 0.00	107.77 -1.64 0.00	91.02 -1.38 0.00	93.76 -1.43 0.00
MAPLE_RIDGE_WT_2 323611	75.81 -1.39 0.00	72.53 -1.25 0.00	72.98 -1.26 0.00	69.77 -1.28 0.00	75.16 -1.30 0.00	101.20 -1.65 0.00	130.41 -2.26 0.00	146.89 -2.09 0.00	144.10 -2.05 0.00	120.64 -2.09 0.00	111.51 -1.69 0.00	92.19 -1.40 0.00	87.32 -1.42 0.00	81.86 -1.24 0.00	80.15 -1.22 0.00	107.43 -1.53 0.00	147.50 -2.24 0.00	171.71 -2.61 0.00	153.81 -2.66 0.00	147.35 -2.24 0.00	135.16 -2.05 0.00	107.77 -1.64 0.00	91.02 -1.38 0.00	93.76 -1.43 0.00
MARBLE_RIVER_WT_PWR 323696	75.27 -1.93 0.00	72.09 -1.69 0.00	72.53 -1.70 0.00	69.13 -1.91 0.00	74.85 -1.61 0.00	100.90 -1.96 0.00	127.35 -5.31 0.00	142.86 -6.11 0.00	140.01 -6.13 0.00	116.59 -6.13 0.00	109.58 -3.63 0.00	91.16 -2.43 0.00	86.08 -2.66 0.00	80.61 -2.49 0.00	79.09 -2.28 0.00	106.24 -2.72 0.00	143.00 -6.74 0.00	167.52 -6.80 0.00	149.59 -6.88 0.00	144.06 -5.53 0.00	132.00 -5.21 0.00	106.57 -2.85 0.00	90.37 -2.03 0.00	94.14 -1.04 0.00
MARSHVLE_115KV_TB1 80742	129.13 6.64 -45.30	132.37 6.57 -52.02	125.27 6.53 -44.50	122.83 6.11 -45.68	123.85 6.58 -40.82	132.08 9.36 -19.86	157.74 13.00 -12.08	176.70 13.41 -14.31	169.39 13.15 -10.09	155.79 11.29 -21.78	159.10 10.30 -35.59	156.60 8.33 -54.68	146.76 7.90 -50.11	152.23 7.23 -61.90	163.05 7.08 -74.60	174.55 10.02 -55.57	200.90 14.37 -36.79	258.48 17.96 -66.20	255.24 16.59 -82.18	230.17 15.41 -65.17	203.89 13.72 -52.96	198.99 11.82 -77.77	175.62 9.24 -73.98	150.55 9.04 -46.32
MARSH_HILL_WT_PWR 323713	83.83 0.23 -6.40	81.43 0.30 -7.35	80.82 0.30 -6.29	77.93 0.43 -6.46	82.38 0.15 -5.77	106.39 0.73 -2.81	135.17 0.80 -1.71	148.77 -2.23 -2.02	144.50 -3.08 -1.43	124.21 -1.60 -3.08	116.42 -1.82 -5.03	99.92 -1.40 -7.73	94.78 -1.06 -7.10	90.79 -1.08 -8.77	91.12 -0.81 -10.57	115.41 -1.42 -7.87	154.50 -0.45 -5.21	184.05 0.35 -9.38	169.84 1.72 -11.64	158.08 -0.74 -9.23	144.03 -0.68 -7.50	119.88 -0.54 -11.01	102.61 -0.28 -10.48	102.60 0.85 -6.56
MCINTYRE_115KV_TB2 80467	73.26 -3.94 0.00	70.02 -3.76 0.00	70.53 -3.71 0.00	67.35 -3.69 0.00	72.71 -3.75 0.00	98.12 -4.73 0.00	126.69 -5.97 0.00	146.30 -2.68 0.00	143.37 -2.78 0.00	117.82 -4.91 0.00	109.35 -3.85 0.00	90.50 -3.09 0.00	85.64 -3.11 0.00	80.28 -2.83 0.00	78.52 -2.85 0.00	105.69 -3.27 0.00	143.90 -5.84 0.00	169.62 -4.71 0.00	149.90 -6.57 0.00	143.46 -6.13 0.00	132.00 -5.21 0.00	105.14 -4.27 0.00	88.89 -3.51 0.00	91.37 -3.81 0.00
MECO___69_KV_BK1 80468	131.26 10.50 -43.57	134.15 10.33 -50.04	127.36 10.32 -42.80	124.43 9.45 -43.93	125.66 9.94 -39.26	136.15 14.19 -19.10	164.45 20.16 -11.62	183.30 20.56 -13.77	175.87 20.02 -9.71	160.61 16.94 -20.95	162.49 15.06 -34.23	158.26 12.07 -52.59	148.66 11.71 -48.20	153.28 10.64 -59.54	163.70 10.58 -71.76	177.55 15.14 -53.45	207.88 22.76 -35.39	266.07 28.07 -63.68	261.02 25.51 -79.04	236.21 23.93 -62.68	209.97 21.82 -50.94	202.15 17.94 -74.80	177.60 14.05 -71.15	153.54 13.80 -44.56
MENANDS___115KV_TB5 355628	119.31 3.47 -38.64	121.40 3.25 -44.37	115.46 3.27 -37.95	113.14 3.13 -38.96	114.64 3.36 -34.82	124.32 4.53 -16.94	148.27 5.31 -10.30	166.55 5.36 -12.21	160.31 5.55 -8.61	145.97 4.66 -18.58	147.75 4.19 -30.36	143.79 3.56 -46.64	134.97 3.46 -42.76	139.16 3.24 -52.82	148.20 3.17 -63.66	160.51 4.14 -47.42	186.97 5.84 -31.39	237.61 6.80 -56.49	232.85 6.26 -70.12	211.03 5.83 -55.61	187.76 5.35 -45.19	180.04 4.27 -66.36	159.13 3.60 -63.13	138.42 3.71 -39.53
MG INDUSTRY___DRP 24185	118.38 3.40 -37.79	120.42 3.25 -43.40	114.62 3.27 -37.12	112.28 3.13 -38.10	113.80 3.29 -34.05	123.85 4.42 -16.57	148.05 5.31 -10.08	166.13 5.21 -11.94	159.82 5.26 -8.42	145.31 4.42 -18.17	146.86 3.96 -29.69	142.58 3.37 -45.62	133.83 3.28 -41.81	137.73 2.99 -51.64	146.62 3.01 -62.24	159.23 3.92 -46.36	185.67 5.24 -30.69	235.65 6.10 -55.23	230.66 5.63 -68.55	209.34 5.39 -54.36	186.33 4.94 -44.18	178.44 4.16 -64.87	157.63 3.51 -61.71	137.54 3.71 -38.64
MID___OSWEGATCHIE_HYD 23849	74.31 -3.63 -0.75	71.17 -3.47 -0.86	71.56 -3.41 -0.73	68.46 -3.34 -0.75	73.92 -3.21 -0.67	99.07 -4.11 -0.33	128.09 -4.78 -0.20	145.94 -3.28 -0.24	142.95 -3.36 -0.17	118.91 -4.17 -0.36	110.39 -3.40 -0.59	91.78 -2.71 -0.90	86.57 -3.02 -0.84	81.40 -2.74 -1.04	79.86 -2.77 -1.25	106.73 -3.16 -0.93	145.56 -4.79 -0.62	171.60 -3.84 -1.11	153.16 -4.69 -1.38	145.90 -4.79 -1.09	133.58 -4.53 -0.89	107.00 -3.72 -1.31	90.56 -3.23 -1.39	92.53 -3.52 -0.87
MID___RAQUETTE_HYD 23851	71.40 -5.79 0.00	68.25 -5.53 0.00	68.74 -5.49 0.00	65.72 -5.33 0.00	71.03 -5.43 0.00	95.45 -7.41 0.00	122.98 -9.68 0.00	141.83 -7.15 0.00	138.98 -7.16 0.00	114.01 -8.71 0.00	105.96 -7.24 0.00	87.79 -5.80 0.00	82.97 -5.77 0.00	77.70 -5.40 0.00	76.08 -5.29 0.00	102.31 -6.65 0.00	139.26 -10.48 0.00	164.39 -9.94 0.00	145.05 -11.42 0.00	138.97 -10.62 0.00	127.75 -9.47 0.00	101.86 -7.55 0.00	86.40 -6.01 0.00	88.90 -6.28 0.00

MILLIKEN___1 23584	85.92 2.39 -6.33	83.34 2.29 -7.27	82.76 2.30 -6.22	79.70 2.27 -6.38	84.53 2.37 -5.70	108.92 3.29 -2.78	139.00 4.64 -1.69	155.30 4.32 -2.00	151.65 4.09 -1.41	129.45 3.68 -3.04	121.46 3.28 -4.97	103.95 2.71 -7.64	97.82 2.48 -6.59	93.57 2.33 -8.14	93.46 2.28 -9.81	119.64 3.38 -7.31	159.97 5.39 -4.84	190.35 7.32 -8.71	174.63 7.35 -10.81	164.44 6.28 -8.57	149.39 5.21 -6.96	123.47 3.83 -10.23	104.99 2.86 -9.72	104.31 3.05 -6.09
MILLIKEN___2 23585	85.92 2.39 -6.33	83.34 2.29 -7.27	82.76 2.30 -6.22	79.70 2.27 -6.38	84.53 2.37 -5.70	108.92 3.29 -2.78	139.00 4.64 -1.69	155.30 4.32 -2.00	151.65 4.09 -1.41	129.45 3.68 -3.04	121.46 3.28 -4.97	103.95 2.71 -7.64	97.82 2.48 -6.59	93.57 2.33 -8.14	93.46 2.28 -9.81	119.64 3.38 -7.31	159.97 5.39 -4.84	190.35 7.32 -8.71	174.63 7.35 -10.81	164.44 6.28 -8.57	149.39 5.21 -6.96	123.47 3.83 -10.23	104.99 2.86 -9.72	104.31 3.05 -6.09
MILLIKEN___DIESEL 23629	85.92 2.39 -6.33	83.34 2.29 -7.27	82.76 2.30 -6.22	79.70 2.27 -6.38	84.53 2.37 -5.70	108.92 3.29 -2.78	139.00 4.64 -1.69	155.30 4.32 -2.00	151.65 4.09 -1.41	129.45 3.68 -3.04	121.46 3.28 -4.97	103.95 2.71 -7.64	97.82 2.48 -6.59	93.57 2.33 -8.14	93.46 2.28 -9.81	119.64 3.38 -7.31	159.97 5.39 -4.84	190.35 7.32 -8.71	174.63 7.35 -10.81	164.44 6.28 -8.57	149.39 5.21 -6.96	123.47 3.83 -10.23	104.99 2.86 -9.72	104.31 3.05 -6.09
MILLSEAT___LFGE 323607	79.13 -2.47 -4.41	76.26 -2.58 -5.06	75.90 -2.67 -4.33	73.08 -2.42 -4.44	77.53 -2.91 -3.97	101.29 -3.50 -1.93	128.39 -5.44 -1.18	139.94 -10.43 -1.39	135.88 -11.25 -0.98	117.12 -7.73 -2.12	109.19 -7.47 -3.46	92.73 -6.18 -5.32	88.11 -5.50 -4.87	83.89 -5.23 -6.02	83.50 -5.12 -7.25	105.75 -8.61 -5.40	142.83 -10.49 -3.58	168.73 -12.03 -6.44	154.91 -9.55 -7.99	144.11 -11.82 -6.34	131.93 -10.43 -5.15	109.21 -7.77 -7.56	94.05 -5.54 -7.19	95.88 -3.81 -4.50
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	114.35 6.25 -30.91	115.03 5.75 -35.49	110.46 5.86 -30.36	107.82 5.61 -31.16	110.27 5.96 -27.85	124.43 8.02 -13.55	151.52 10.61 -8.24	170.36 11.62 -9.77	165.16 12.13 -6.88	148.97 10.92 -15.32	147.34 9.85 -24.29	139.06 8.14 -37.32	130.92 7.81 -34.37	132.66 7.23 -42.33	139.18 6.92 -50.89	156.38 9.15 -38.28	189.91 13.18 -27.00	242.69 15.69 -52.68	231.24 14.55 -60.22	207.51 13.46 -44.46	184.46 11.11 -36.13	171.54 9.08 -53.05	150.82 7.95 -50.47	134.59 7.80 -31.60
MILLWOOD_13_KV_LOAD 356217	114.51 6.41 -30.91	115.25 5.98 -35.49	110.61 6.01 -30.36	107.96 5.75 -31.16	110.35 6.04 -27.85	124.63 8.23 -13.55	151.65 10.75 -8.24	170.81 12.07 -9.77	165.60 12.57 -6.88	149.34 11.29 -15.32	147.68 10.19 -24.29	139.34 8.42 -37.32	131.10 7.99 -34.37	132.91 7.48 -42.33	139.42 7.16 -50.89	156.71 9.48 -38.28	190.36 13.63 -27.00	243.39 16.39 -52.68	231.71 15.02 -60.22	207.96 13.91 -44.46	184.87 11.53 -36.13	171.87 9.41 -53.05	151.00 8.13 -50.47	134.78 8.00 -31.60
MODEL_CITY_ENERGY 24167	76.95 -4.86 -4.62	74.44 -4.65 -5.31	73.95 -4.82 -4.54	71.30 -4.41 -4.66	75.35 -5.27 -4.16	97.99 -6.89 -2.03	123.68 -10.21 -1.23	134.20 -16.23 -1.46	130.22 -16.95 -1.03	112.43 -12.52 -2.22	104.83 -12.00 -3.63	89.44 -9.74 -5.58	85.16 -8.69 -5.11	81.35 -8.06 -6.31	81.00 -7.97 -7.61	101.98 -12.64 -5.67	137.17 -16.32 -3.75	161.55 -19.52 -6.75	148.89 -15.96 -8.38	138.13 -18.11 -6.64	126.56 -16.05 -5.40	105.42 -11.92 -7.93	91.26 -8.69 -7.54	93.15 -6.76 -4.72
MODERN_LFGE___ 323580	76.95 -4.86 -4.62	74.44 -4.65 -5.31	73.95 -4.82 -4.54	71.30 -4.41 -4.66	75.35 -5.27 -4.16	97.99 -6.89 -2.03	123.68 -10.21 -1.23	134.20 -16.23 -1.46	130.22 -16.95 -1.03	112.43 -12.52 -2.22	104.83 -12.00 -3.63	89.44 -9.74 -5.58	85.16 -8.69 -5.11	81.35 -8.06 -6.31	81.00 -7.97 -7.61	101.98 -12.64 -5.67	137.17 -16.32 -3.75	161.55 -19.52 -6.75	148.89 -15.96 -8.38	138.13 -18.11 -6.64	126.56 -16.05 -5.40	105.42 -11.92 -7.93	91.26 -8.69 -7.54	93.15 -6.76 -4.72
MOHAWK_PAPER___DRP 24187	119.69 3.78 -38.72	121.86 3.62 -44.46	115.83 3.56 -38.03	113.49 3.41 -39.04	115.01 3.67 -34.88	124.87 5.04 -16.98	149.09 6.10 -10.32	167.62 6.41 -12.23	161.20 6.43 -8.62	146.74 5.40 -18.61	148.60 4.98 -30.42	144.44 4.12 -46.73	135.57 3.99 -42.83	139.75 3.74 -52.91	148.79 3.66 -63.76	161.24 4.79 -47.49	187.92 6.74 -31.44	239.10 8.19 -56.58	234.07 7.35 -70.24	212.17 6.88 -55.70	188.79 6.31 -45.26	180.91 5.03 -66.47	159.88 4.25 -63.23	139.15 4.38 -39.59
MOHICAN___35_KV_115KV_LD 80490	123.24 6.41 -39.63	125.42 6.12 -45.52	119.26 6.09 -38.93	116.77 5.75 -39.96	118.29 6.12 -35.71	128.77 8.54 -17.38	155.30 12.07 -10.57	174.31 12.81 -12.52	167.83 12.86 -8.83	152.70 10.92 -19.05	154.19 9.85 -31.14	149.48 8.05 -47.84	140.22 7.63 -43.84	144.32 7.06 -54.15	153.55 6.92 -65.26	166.94 9.37 -48.61	194.20 12.28 -32.18	247.23 14.99 -57.91	242.13 13.77 -71.89	219.47 12.86 -57.01	195.07 11.53 -46.33	186.63 9.19 -68.03	164.42 7.30 -64.72	143.04 7.33 -40.52
MONGAUP___HYD 23641	110.07 4.32 -28.55	110.63 4.06 -32.79	107.11 4.82 -28.05	104.32 4.48 -28.79	107.01 4.82 -25.73	121.13 5.76 -12.52	147.57 7.29 -7.61	165.15 7.15 -9.02	159.95 7.45 -6.36	142.89 6.38 -13.79	141.07 5.43 -22.44	132.55 4.49 -34.47	124.70 4.35 -31.61	126.12 3.99 -39.03	132.30 3.91 -47.02	149.80 5.77 -35.07	181.95 8.68 -23.53	230.20 11.32 -44.55	219.99 10.16 -53.35	199.79 9.13 -41.07	178.27 7.68 -33.38	164.66 6.23 -49.01	144.48 5.45 -46.63	129.42 5.04 -29.20
MONTAUK___DIESEL 23721	140.75 12.04 -51.51	133.22 11.29 -48.16	122.63 11.66 -36.74	113.73 11.30 -31.39	122.34 12.08 -33.80	132.34 15.84 -13.65	161.53 20.56 -8.30	181.46 22.64 -9.84	176.17 23.09 -6.93	158.68 20.37 -15.58	156.14 18.45 -24.48	153.21 15.44 -44.17	151.25 14.64 -47.87	151.79 13.63 -55.06	152.93 13.43 -58.13	164.19 16.56 -38.67	200.89 23.36 -27.79	255.33 25.63 -55.38	243.45 25.04 -61.94	217.56 23.19 -44.78	193.50 19.90 -36.39	178.17 15.32 -53.44	157.01 13.77 -50.84	151.44 15.51 -40.74
MOONROAD_115KV_HARTFLD_TB1-2 355988	80.38 -2.16 -5.35	77.42 -2.51 -6.14	76.90 -2.60 -5.26	74.52 -1.92 -5.40	78.38 -2.91 -4.82	101.81 -3.39 -2.35	129.45 -4.64 -1.43	140.39 -10.28 -1.69	136.96 -10.38 -1.19	118.30 -7.00 -2.57	110.16 -7.24 -4.21	94.81 -5.24 -6.46	90.68 -3.99 -5.93	86.35 -4.07 -7.32	86.21 -3.99 -8.83	109.32 -6.21 -6.57	147.20 -6.89 -4.35	175.36 -6.80 -7.83	161.81 -4.38 -9.72	152.21 -5.09 -7.71	137.31 -6.17 -6.26	114.12 -4.49 -9.20	98.50 -2.68 -8.77	99.72 -0.95 -5.49
MORTIMER_115KV_TB3 55949	80.04 -0.93 -3.78	77.08 -1.03 -4.34	76.76 -1.19 -3.71	73.93 -0.92 -3.81	78.64 -1.22 -3.40	103.17 -1.34 -1.66	130.89 -2.79 -1.01	144.21 -5.96 -1.19	141.29 -5.70 -0.84	120.74 -3.80 -1.82	112.32 -3.85 -2.97	95.25 -2.90 -4.56	90.26 -2.66 -4.18	85.77 -2.49 -5.16	85.06 -2.52 -6.22	109.34 -4.25 -4.63	148.01 -4.79 -3.07	174.96 -4.88 -5.52	159.72 -3.60 -6.85	151.13 -3.89 -5.43	136.83 -4.80 -4.41	112.28 -3.61 -6.48	95.97 -2.59 -6.15	97.23 -1.81 -3.85
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	115.29 6.95 -31.15	115.97 6.42 -35.77	111.36 6.53 -30.59	108.70 6.25 -31.40	111.18 6.65 -28.06	125.56 9.05 -13.66	152.78 11.81 -8.31	171.94 13.11 -9.85	166.69 13.59 -6.96	162.13 12.15 -27.25	148.87 11.09 -24.58	140.87 9.17 -38.11	136.71 8.70 -39.27	136.44 8.14 -45.20	140.49 7.81 -51.31	167.34 10.35 -48.03	233.45 14.82 -68.89	281.15 17.43 -89.39	253.35 16.12 -80.76	209.37 14.96 -44.82	186.11 12.49 -36.41	173.06 10.18 -53.47	152.15 8.87 -50.88	135.69 8.66 -31.85

MUNSVILLE_WIND_PWR 323609	94.45 7.49 -9.77	92.15 7.15 -11.22	91.03 7.20 -9.60	88.00 7.10 -9.85	93.22 7.95 -8.80	118.65 11.52 -4.28	152.12 16.85 -2.60	170.38 18.32 -3.09	166.00 17.68 -2.18	143.14 15.71 -4.70	135.14 14.26 -7.68	117.37 11.98 -11.79	110.79 11.18 -10.86	107.07 10.56 -13.42	107.87 10.33 -16.17	135.49 14.49 -12.04	179.12 21.41 -7.97	215.16 26.49 -14.35	199.16 24.88 -17.81	185.40 21.68 -14.12	168.04 19.35 -11.48	141.69 15.43 -16.85	120.63 12.20 -16.03	117.59 12.37 -10.04
N SALMON___HYD 24042	74.95 -2.24 0.00	71.79 -1.99 0.00	72.24 -2.00 0.00	68.77 -2.28 0.00	74.47 -1.99 0.00	100.38 -2.47 0.00	127.10 -5.57 0.00	143.62 -5.36 0.00	140.89 -5.26 0.00	117.21 -5.52 0.00	109.92 -3.29 0.00	91.53 -2.06 0.00	86.44 -2.31 0.00	80.94 -2.16 0.00	79.34 -2.03 0.00	106.56 -2.40 0.00	143.45 -6.28 0.00	168.74 -5.59 0.00	150.37 -6.10 0.00	144.66 -4.93 0.00	132.28 -4.93 0.00	106.35 -3.06 0.00	90.46 -1.94 0.00	93.76 -1.43 0.00
N.AKRON__115KV_KNAPP 355671	79.08 -2.55 -4.44	76.29 -2.58 -5.10	75.85 -2.75 -4.36	73.11 -2.42 -4.47	77.48 -2.98 -4.00	101.30 -3.50 -1.95	127.48 -6.37 -1.18	138.31 -12.07 -1.40	135.30 -11.84 -0.99	116.27 -8.59 -2.13	108.09 -8.60 -3.49	92.30 -6.64 -5.36	87.62 -6.03 -4.91	83.44 -5.73 -6.07	82.99 -5.70 -7.31	105.58 -8.83 -5.45	142.71 -10.63 -3.61	169.14 -11.68 -6.49	155.14 -9.39 -8.06	146.56 -9.42 -6.39	132.12 -10.29 -5.19	109.16 -7.88 -7.62	94.19 -5.45 -7.24	95.81 -3.90 -4.53
N.BELMOR_69_KV_BK1 55787	136.97 8.26 -51.51	129.61 7.67 -48.16	118.70 7.72 -36.74	109.76 7.32 -31.39	118.13 7.88 -33.80	127.10 10.59 -13.65	154.76 13.80 -8.30	174.01 15.20 -9.84	168.72 15.64 -6.93	152.42 14.11 -15.58	150.36 12.68 -24.48	148.25 10.48 -44.17	146.55 9.94 -47.87	147.39 9.22 -55.06	148.45 8.95 -58.13	159.07 11.44 -38.67	194.00 16.47 -27.79	249.06 19.35 -55.38	236.41 17.99 -61.94	210.83 16.46 -44.78	187.19 13.58 -36.39	174.01 11.16 -53.44	152.94 9.70 -50.84	146.21 10.28 -40.74
N.E_GEN_SANDY PD 24062	117.44 4.79 -35.46	119.00 4.50 -40.72	113.60 4.53 -34.83	111.21 4.41 -35.75	113.07 4.66 -31.95	124.78 6.38 -15.55	150.08 7.96 -9.45	168.97 8.79 -11.20	165.44 8.62 -10.67	144.23 7.24 -14.27	147.85 6.79 -27.86	142.10 5.71 -42.80	133.38 5.41 -39.22	136.70 5.15 -48.45	144.80 5.05 -58.38	159.20 6.76 -43.49	188.12 9.59 -28.79	237.30 11.17 -51.81	230.95 10.16 -64.31	209.87 9.28 -51.00	187.31 8.65 -41.44	177.17 6.90 -60.86	156.30 6.00 -57.90	137.62 6.18 -36.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	113.28 6.02 -30.07	113.92 5.61 -34.53	109.49 5.72 -29.53	106.84 5.47 -30.32	109.36 5.81 -27.09	123.85 7.82 -13.18	151.03 10.35 -8.02	169.80 11.32 -9.50	164.68 11.84 -6.70	148.08 10.55 -14.79	146.34 9.51 -23.63	137.67 7.77 -36.31	129.59 7.45 -33.39	131.16 6.90 -41.16	137.56 6.67 -49.51	154.82 8.72 -37.15	188.13 12.58 -25.82	238.96 15.17 -49.47	228.00 13.93 -57.60	205.71 12.86 -43.25	183.07 10.70 -35.15	169.78 8.75 -51.61	149.17 7.67 -49.10	133.45 7.52 -30.74
N.QUEENS_27_KV_LOAD 356247	115.76 7.41 -31.15	116.49 6.94 -35.77	111.82 6.98 -30.60	109.21 6.75 -31.41	111.72 7.19 -28.07	126.70 10.18 -13.66	154.11 13.13 -8.31	173.28 14.45 -9.85	167.13 14.03 -6.95	159.55 13.01 -23.82	149.53 11.77 -24.55	141.30 9.73 -37.97	136.71 9.32 -38.65	136.59 8.64 -44.85	141.04 8.38 -51.30	165.24 11.00 -45.28	222.07 15.57 -56.76	271.83 18.13 -79.37	248.12 16.43 -75.22	209.97 15.56 -44.82	185.70 12.07 -36.41	172.94 10.07 -53.47	152.70 9.43 -50.87	136.65 9.61 -31.85
N.TROY___115KV_TB1 355778	120.32 4.17 -38.96	122.43 3.91 -44.74	116.44 3.93 -38.27	114.09 3.77 -39.28	115.62 4.05 -35.10	125.49 5.55 -17.08	150.21 7.16 -10.39	169.03 7.75 -12.31	162.42 7.60 -8.68	147.71 6.26 -18.73	149.70 5.89 -30.61	145.58 4.96 -47.02	136.53 4.70 -43.09	140.73 4.40 -53.22	149.90 4.39 -64.14	162.39 5.67 -47.77	189.30 7.94 -31.63	240.65 9.41 -56.92	235.73 8.61 -70.65	213.70 8.08 -56.03	190.16 7.41 -45.53	182.18 5.91 -66.86	160.99 4.99 -63.60	140.24 5.24 -39.83
NARROWS_GT1_1 24228	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT1_2 24229	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT1_3 24230	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT1_4 24231	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT1_5 24232	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT1_6 24233	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT1_7 24234	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85

NARROWS_GT1_8 24235	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_1 24236	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_2 24237	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_3 24238	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_4 24239	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_5 24240	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_6 24241	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_7 24242	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NARROWS_GT2_8 24243	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	117.73 4.17 -36.36	119.52 3.98 -41.76	113.89 3.93 -35.72	111.41 3.69 -36.66	113.28 4.05 -32.76	124.56 5.76 -15.94	149.26 6.90 -9.70	166.43 5.96 -11.49	160.38 6.14 -8.10	144.75 4.54 -17.48	145.62 3.85 -28.57	140.57 3.09 -43.89	131.90 2.93 -40.23	135.53 2.74 -49.69	144.02 2.77 -59.88	157.26 3.70 -44.60	183.46 4.19 -29.53	233.39 5.93 -53.14	227.60 5.16 -65.96	206.69 4.79 -52.31	184.12 4.39 -42.51	176.54 4.70 -62.42	155.57 3.79 -59.38	136.08 3.71 -37.18
NCHELSEA_115KV_TR2 355582	115.19 6.87 -31.13	115.95 6.42 -35.75	111.35 6.53 -30.58	108.55 6.11 -31.39	111.08 6.58 -28.05	125.45 8.95 -13.65	152.64 11.67 -8.30	171.18 12.37 -9.84	166.09 13.01 -6.93	148.86 11.17 -14.96	147.74 10.08 -24.46	139.49 8.33 -37.57	131.08 7.90 -34.44	132.95 7.31 -42.54	139.71 7.08 -51.26	156.40 9.26 -38.18	188.64 13.63 -25.28	236.72 16.91 -45.49	228.27 15.33 -56.47	208.58 14.21 -44.78	185.40 11.80 -36.39	172.58 9.74 -53.44	151.64 8.41 -50.83	135.29 8.28 -31.83
NEG CAPITAL___MECHNVIL 23645	122.00 5.40 -39.41	124.12 5.09 -45.25	118.06 5.12 -38.70	115.61 4.83 -39.73	117.17 5.20 -35.50	127.33 7.20 -17.28	152.85 9.68 -10.51	171.85 10.42 -12.45	165.15 10.23 -8.78	150.38 8.71 -18.94	152.08 7.92 -30.96	147.70 6.55 -47.56	138.54 6.21 -43.58	142.75 5.82 -53.84	151.94 5.69 -64.88	164.26 6.98 -48.33	191.46 9.73 -31.99	243.76 11.86 -57.57	238.73 10.79 -71.47	215.99 9.72 -56.68	192.33 9.05 -46.06	184.26 7.22 -67.63	162.66 5.92 -64.34	142.13 6.66 -40.29
NEG CENTRAL_HIGH_ACRES 23767	78.93 -1.93 -3.66	76.00 -1.99 -4.21	75.76 -2.08 -3.60	72.90 -1.85 -3.69	77.62 -2.14 -3.30	101.79 -2.67 -1.61	130.07 -3.58 -0.98	144.17 -5.96 -1.16	140.83 -6.13 -0.82	120.19 -4.30 -1.76	112.12 -3.97 -2.88	94.74 -3.28 -4.42	89.76 -3.02 -4.03	85.17 -2.91 -4.98	84.52 -2.85 -6.00	108.75 -4.68 -4.47	147.16 -5.54 -2.96	173.55 -6.11 -5.33	158.54 -4.54 -6.61	148.70 -6.14 -5.24	135.98 -5.49 -4.26	111.29 -4.38 -6.26	94.85 -3.51 -5.95	95.96 -2.95 -3.73
NEG CENTRAL___DRP 24199	81.96 0.69 -4.07	79.05 0.59 -4.68	78.83 0.59 -4.00	75.79 0.64 -4.11	80.82 0.69 -3.67	105.67 1.03 -1.79	135.08 1.33 -1.09	149.52 -0.74 -1.29	146.32 -0.73 -0.91	124.56 -0.12 -1.96	116.06 -0.34 -3.20	98.22 -0.28 -4.92	92.97 -0.27 -4.49	88.31 -0.33 -5.55	87.81 -0.24 -6.68	113.61 -0.33 -4.98	153.48 0.45 -3.30	181.65 1.39 -5.93	165.87 2.03 -7.36	156.78 1.35 -5.84	142.37 0.41 -4.74	116.38 0.00 -6.97	98.83 -0.18 -6.61	99.42 0.10 -4.14
NEG CENTRAL___INDECK 23768	84.72 2.16 -5.37	81.72 1.77 -6.17	81.22 1.71 -5.28	78.24 1.78 -5.42	83.06 1.76 -4.84	108.29 3.08 -2.36	138.07 3.98 -1.43	152.47 1.79 -1.70	148.08 0.73 -1.20	126.54 1.23 -2.58	118.44 1.02 -4.22	100.73 0.66 -6.48	95.39 0.71 -5.94	90.94 0.50 -7.34	91.03 0.81 -8.85	115.87 0.33 -6.59	156.64 2.54 -4.36	186.70 4.52 -7.85	171.38 5.16 -9.75	159.71 2.39 -7.73	145.83 2.33 -6.28	120.38 1.75 -9.22	102.65 1.47 -8.77	103.06 2.38 -5.49

NEG CENTRAL___SENECA 23627	82.79 1.08 -4.51	79.92 0.96 -5.18	79.64 0.97 -4.43	76.59 0.99 -4.55	81.52 0.99 -4.07	106.48 1.65 -1.98	135.99 2.12 -1.20	149.36 -1.04 -1.43	146.13 -1.02 -1.01	124.53 -0.37 -2.17	116.18 -0.57 -3.55	98.57 -0.47 -5.45	93.29 -0.44 -4.99	88.77 -0.50 -6.17	88.31 -0.49 -7.43	113.95 -0.54 -5.53	153.70 0.30 -3.66	182.66 1.74 -6.59	167.16 2.50 -8.18	157.58 1.50 -6.49	142.90 0.41 -5.27	117.16 0.00 -7.75	99.57 -0.18 -7.36	99.98 0.19 -4.61
NEG CENTRAL___STATE_STREET 24147	82.03 0.85 -3.98	79.09 0.74 -4.57	78.89 0.74 -3.91	75.84 0.78 -4.02	80.89 0.84 -3.59	105.83 1.23 -1.75	135.58 1.86 -1.06	151.28 1.04 -1.26	148.06 1.02 -0.89	125.99 1.35 -1.91	117.46 1.13 -3.13	99.33 0.94 -4.81	93.96 0.89 -4.33	89.19 0.75 -5.34	88.54 0.73 -6.44	114.84 1.09 -4.80	155.01 2.10 -3.18	183.18 3.14 -5.71	167.01 3.44 -7.09	158.06 2.84 -5.62	143.71 1.92 -4.57	117.33 1.20 -6.71	99.51 0.74 -6.37	100.03 0.86 -3.99
NEG MILLWOOD___DRP 24198	115.87 7.26 -31.42	116.65 6.79 -36.09	111.93 6.83 -30.87	109.20 6.47 -31.68	111.50 6.73 -28.31	125.79 9.15 -13.78	153.11 12.07 -8.38	172.32 13.41 -9.93	167.17 14.03 -7.00	149.86 12.03 -15.11	148.87 10.98 -24.69	140.60 9.08 -37.93	132.02 8.52 -34.76	134.02 7.98 -42.94	140.76 7.65 -51.75	157.63 10.13 -38.54	190.23 14.97 -25.52	238.72 18.48 -45.92	230.37 16.90 -57.00	210.35 15.56 -45.20	186.98 13.04 -36.73	174.18 10.83 -53.94	152.77 9.06 -51.31	136.16 8.85 -32.13
NEG NORTH_FLCN_SEA 23793	76.04 -1.16 0.00	72.89 -0.89 0.00	73.35 -0.89 0.00	69.84 -1.21 0.00	75.62 -0.84 0.00	102.03 -0.82 0.00	127.49 -5.17 0.00	142.27 -6.70 0.00	139.13 -7.01 0.00	115.98 -6.75 0.00	110.03 -3.17 0.00	91.63 -1.97 0.00	86.52 -2.22 0.00	81.02 -2.08 0.00	79.50 -1.87 0.00	107.10 -1.85 0.00	142.40 -7.34 0.00	167.00 -7.32 0.00	149.28 -7.20 0.00	143.01 -6.58 0.00	131.45 -5.76 0.00	107.11 -2.30 0.00	91.02 -1.39 0.00	95.28 0.10 0.00
NEG NORTH_KES_CHATGAY 23792	75.34 -1.85 0.00	72.16 -1.62 0.00	72.61 -1.63 0.00	69.13 -1.92 0.00	74.86 -1.61 0.00	100.90 -1.95 0.00	127.49 -5.17 0.00	143.32 -5.66 0.00	140.15 -5.99 0.00	116.84 -5.89 0.00	109.69 -3.51 0.00	91.16 -2.43 0.00	86.17 -2.57 0.00	80.69 -2.41 0.00	79.17 -2.20 0.00	106.67 -2.29 0.00	143.45 -6.29 0.00	168.05 -6.28 0.00	150.06 -6.42 0.00	143.91 -5.68 0.00	132.41 -4.80 0.00	106.78 -2.63 0.00	90.55 -1.85 0.00	94.14 -1.05 0.00
NEG NORTH___ALICE_FALLS 23915	76.19 -1.00 0.00	72.97 -0.81 0.00	73.42 -0.82 0.00	69.91 -1.14 0.00	75.77 -0.69 0.00	102.13 -0.72 0.00	128.02 -4.64 0.00	143.17 -5.81 0.00	140.15 -5.99 0.00	116.96 -5.77 0.00	110.60 -2.60 0.00	92.19 -1.40 0.00	87.06 -1.69 0.00	81.52 -1.58 0.00	79.99 -1.38 0.00	107.76 -1.20 0.00	143.60 -6.14 0.00	168.57 -5.75 0.00	150.68 -5.79 0.00	144.36 -5.24 0.00	132.55 -4.67 0.00	107.55 -1.86 0.00	91.48 -0.92 0.00	95.56 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	76.19 -1.00 0.00	72.97 -0.81 0.00	73.42 -0.82 0.00	69.91 -1.14 0.00	75.77 -0.69 0.00	102.13 -0.72 0.00	128.02 -4.64 0.00	143.17 -5.81 0.00	140.15 -5.99 0.00	116.96 -5.77 0.00	110.60 -2.60 0.00	92.19 -1.40 0.00	87.06 -1.69 0.00	81.52 -1.58 0.00	79.99 -1.38 0.00	107.76 -1.20 0.00	143.60 -6.14 0.00	168.57 -5.75 0.00	150.68 -5.79 0.00	144.36 -5.24 0.00	132.55 -4.67 0.00	107.55 -1.86 0.00	91.48 -0.92 0.00	95.56 0.38 0.00
NEG NORTH___PLATTSBURG 23628	76.19 -1.01 0.00	72.97 -0.81 0.00	73.42 -0.81 0.00	69.91 -1.14 0.00	75.77 -0.69 0.00	102.14 -0.71 0.00	128.02 -4.65 0.00	143.01 -5.96 0.00	140.29 -5.85 0.00	116.96 -5.77 0.00	110.60 -2.60 0.00	92.28 -1.31 0.00	87.05 -1.69 0.00	81.52 -1.58 0.00	79.98 -1.38 0.00	107.43 -1.53 0.00	143.59 -6.15 0.00	168.58 -5.75 0.00	150.69 -5.79 0.00	144.95 -4.64 0.00	132.69 -4.52 0.00	107.44 -1.97 0.00	91.48 -0.92 0.00	95.56 0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	77.45 -4.32 -4.58	74.83 -4.21 -5.26	74.35 -4.38 -4.50	71.68 -3.98 -4.61	75.77 -4.82 -4.12	98.79 -6.07 -2.01	123.94 -9.95 -1.22	133.59 -16.83 -1.45	130.65 -16.51 -1.02	112.29 -12.64 -2.20	104.46 -12.34 -3.60	89.57 -9.55 -5.53	85.20 -8.61 -5.07	81.30 -8.06 -6.26	80.94 -7.97 -7.55	102.59 -11.99 -5.62	138.04 -15.42 -3.72	163.41 -17.61 -6.70	150.23 -14.55 -8.31	141.97 -14.21 -6.59	127.89 -14.68 -5.36	106.12 -11.16 -7.87	91.93 -7.95 -7.47	93.77 -6.09 -4.68
NEG WEST___LANCASTER 23811	77.70 -4.79 -5.29	75.28 -4.57 -6.07	74.76 -4.68 -5.19	72.05 -4.33 -5.33	76.03 -5.20 -4.76	98.49 -6.69 -2.32	124.39 -9.68 -1.41	135.45 -15.20 -1.67	132.12 -15.20 -1.18	113.86 -11.41 -2.54	106.04 -11.32 -4.16	91.18 -8.80 -6.39	86.79 -7.81 -5.86	82.77 -7.56 -7.24	82.60 -7.49 -8.72	104.34 -11.11 -6.50	139.96 -14.08 -4.30	166.20 -15.86 -7.74	153.41 -12.67 -9.61	144.34 -12.86 -7.62	130.10 -13.31 -6.19	108.54 -9.96 -9.09	93.74 -7.30 -8.64	94.60 -6.00 -5.41
NEG_PENN_ALLEGHNY 23528	88.58 1.23 -10.15	86.69 1.25 -11.66	85.47 1.26 -9.97	82.57 1.28 -10.24	86.83 1.22 -9.15	108.85 1.55 -4.45	137.62 2.25 -2.71	153.52 1.34 -3.21	149.57 1.16 -2.26	129.20 1.59 -4.88	122.43 1.25 -7.98	106.98 1.13 -12.26	101.14 1.15 -11.25	97.99 1.00 -13.89	99.09 0.98 -16.74	122.63 1.20 -12.47	160.24 2.25 -8.26	192.14 2.96 -14.86	178.35 3.44 -18.44	166.31 2.09 -14.62	151.02 1.92 -11.88	128.51 1.64 -17.45	110.39 1.39 -16.60	107.29 1.72 -10.40
NEG___GEN_MONROE 24207	80.08 -0.93 -3.81	77.05 -1.11 -4.38	76.79 -1.19 -3.74	73.97 -0.92 -3.84	78.82 -1.07 -3.43	103.09 -1.44 -1.67	130.50 -3.18 -1.02	143.33 -6.85 -1.20	140.27 -6.72 -0.85	119.90 -4.66 -1.83	111.22 -4.98 -2.99	94.35 -3.84 -4.60	89.50 -3.46 -4.22	84.82 -3.49 -5.21	84.39 -3.25 -6.27	108.07 -5.56 -4.67	146.24 -6.59 -3.09	173.44 -6.45 -5.57	158.53 -4.85 -6.91	149.69 -5.39 -5.48	135.22 -6.45 -4.45	111.03 -4.92 -6.54	95.38 -3.23 -6.21	96.69 -2.38 -3.89
NEPA___ENERGY 23901	80.05 -2.55 -5.40	77.48 -2.51 -6.21	77.10 -2.45 -5.31	74.29 -2.20 -5.45	78.35 -2.98 -4.87	101.42 -3.81 -2.37	128.27 -5.84 -1.44	139.66 -11.02 -1.71	136.39 -10.96 -1.20	117.47 -7.85 -2.60	109.30 -8.15 -4.25	93.84 -6.27 -6.52	89.32 -5.41 -5.99	85.18 -5.32 -7.39	84.99 -5.29 -8.91	107.42 -8.17 -6.64	144.10 -10.03 -4.39	171.08 -11.16 -7.91	157.84 -8.45 -9.82	148.55 -8.83 -7.78	133.94 -9.61 -6.33	111.81 -6.89 -9.29	96.41 -4.80 -8.81	97.47 -3.24 -5.52
NEVERSINK___HYD 23608	112.12 6.95 -27.98	112.40 6.49 -32.13	108.32 6.60 -27.48	105.43 6.18 -28.21	108.40 6.73 -25.21	124.27 9.15 -12.27	151.66 11.54 -7.46	169.88 12.06 -8.84	164.79 12.42 -6.23	146.85 10.67 -13.45	144.57 9.39 -21.98	135.04 7.68 -33.77	127.15 7.46 -30.95	128.22 6.89 -38.23	134.11 6.67 -46.07	152.74 9.47 -34.31	186.69 14.23 -22.72	233.00 17.79 -40.88	223.19 15.97 -50.75	204.50 14.67 -40.24	182.27 12.35 -32.70	167.49 10.06 -48.02	146.96 8.87 -45.68	132.17 8.38 -28.61
NEWKRMKL_115KV_TB1 55635	119.01 3.16 -38.65	121.19 3.02 -44.38	115.17 2.97 -37.96	112.86 2.84 -38.97	114.34 3.06 -34.82	124.02 4.22 -16.95	147.61 4.64 -10.30	165.81 4.62 -12.21	159.58 4.82 -8.61	145.36 4.05 -18.58	147.19 3.62 -30.37	143.33 3.09 -46.65	134.53 3.02 -42.77	138.67 2.74 -52.83	147.72 2.69 -63.67	159.86 3.49 -47.42	186.07 4.94 -31.40	236.75 5.93 -56.50	232.08 5.48 -70.13	210.14 4.94 -55.61	186.94 4.53 -45.19	179.49 3.72 -66.36	158.58 3.05 -63.13	137.86 3.14 -39.53

NEWTON___FALLS_HYD 23847	74.31 -3.63 -0.75	71.17 -3.47 -0.86	71.56 -3.41 -0.73	68.46 -3.34 -0.75	73.92 -3.21 -0.67	99.07 -4.11 -0.33	128.09 -4.78 -0.20	145.94 -3.28 -0.24	142.95 -3.36 -0.17	118.91 -4.17 -0.36	110.39 -3.40 -0.59	91.78 -2.71 -0.90	86.57 -3.02 -0.84	81.40 -2.74 -1.04	79.86 -2.77 -1.25	106.73 -3.16 -0.93	145.56 -4.79 -0.62	171.60 -3.84 -1.11	153.16 -4.69 -1.38	145.90 -4.79 -1.09	133.58 -4.53 -0.89	107.00 -3.72 -1.31	90.56 -3.23 -1.39	92.53 -3.52 -0.87
NGRID_A1_DSASP 323792	76.75 -5.10 -4.65	74.39 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.76 -11.14 -1.24	133.32 -17.13 -1.47	129.35 -17.84 -1.04	111.71 -13.26 -2.24	104.18 -12.68 -3.65	89.01 -10.20 -5.61	84.83 -9.05 -5.14	80.97 -8.48 -6.35	80.64 -8.38 -7.65	101.36 -13.30 -5.70	136.14 -17.37 -3.77	160.37 -20.75 -6.79	147.69 -17.21 -8.43	137.13 -19.15 -6.69	125.63 -17.02 -5.43	104.81 -12.58 -7.98	90.94 -9.05 -7.59	92.70 -7.24 -4.75
NGRID_A2_DSASP 323793	76.75 -5.10 -4.65	74.39 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.76 -11.14 -1.24	133.32 -17.13 -1.47	129.35 -17.84 -1.04	111.71 -13.26 -2.24	104.18 -12.68 -3.65	89.01 -10.20 -5.61	84.83 -9.05 -5.14	80.97 -8.48 -6.35	80.64 -8.38 -7.65	101.36 -13.30 -5.70	136.14 -17.37 -3.77	160.37 -20.75 -6.79	147.69 -17.21 -8.43	137.13 -19.15 -6.69	125.63 -17.02 -5.43	104.81 -12.58 -7.98	90.94 -9.05 -7.59	92.70 -7.24 -4.75
NGRID_A4_DSASP 323807	76.75 -5.10 -4.65	74.39 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.76 -11.14 -1.24	133.32 -17.13 -1.47	129.35 -17.84 -1.04	111.71 -13.26 -2.24	104.18 -12.68 -3.65	89.01 -10.20 -5.61	84.83 -9.05 -5.14	80.97 -8.48 -6.35	80.64 -8.38 -7.65	101.36 -13.30 -5.70	136.14 -17.37 -3.77	160.37 -20.75 -6.79	147.69 -17.21 -8.43	137.13 -19.15 -6.69	125.63 -17.02 -5.43	104.81 -12.58 -7.98	90.94 -9.05 -7.59	92.70 -7.24 -4.75
NIAGARA_115E_LBMP 323715	76.60 -5.25 -4.66	74.11 -5.02 -5.35	73.62 -5.20 -4.58	70.99 -4.76 -4.70	75.00 -5.66 -4.20	97.49 -7.41 -2.04	122.90 -11.01 -1.24	133.32 -17.13 -1.47	129.35 -17.84 -1.04	111.71 -13.26 -2.24	104.19 -12.68 -3.66	89.02 -10.20 -5.63	84.76 -9.14 -5.15	80.91 -8.56 -6.37	80.66 -8.38 -7.67	101.37 -13.30 -5.71	136.31 -17.21 -3.78	160.56 -20.57 -6.81	147.87 -17.05 -8.45	137.29 -19.00 -6.70	125.78 -16.88 -5.45	104.83 -12.58 -8.00	90.86 -9.15 -7.61	92.71 -7.24 -4.76
NIAGARA_115W_LBMP 323714	76.58 -5.25 -4.64	74.17 -4.94 -5.33	73.68 -5.12 -4.56	71.04 -4.69 -4.68	74.99 -5.66 -4.18	97.39 -7.50 -2.04	122.36 -11.54 -1.24	132.86 -17.58 -1.47	128.91 -18.27 -1.03	111.33 -13.63 -2.23	103.84 -13.01 -3.65	88.72 -10.48 -5.61	84.56 -9.32 -5.13	80.72 -8.72 -6.34	80.47 -8.54 -7.64	101.13 -13.51 -5.69	135.84 -17.67 -3.77	159.83 -21.27 -6.78	147.21 -17.68 -8.42	136.68 -19.59 -6.67	125.35 -17.29 -5.42	104.46 -12.91 -7.97	90.65 -9.33 -7.58	92.41 -7.52 -4.74
NIAGARA_230_LBMP 323716	77.45 -4.32 -4.58	74.91 -4.13 -5.26	74.43 -4.31 -4.50	71.76 -3.91 -4.62	75.85 -4.74 -4.13	98.80 -6.07 -2.01	124.60 -9.29 -1.22	135.39 -15.04 -1.45	131.53 -15.64 -1.02	113.39 -11.54 -2.20	105.71 -11.09 -3.60	90.23 -8.89 -5.53	85.91 -7.90 -5.07	81.96 -7.40 -6.26	81.67 -7.24 -7.54	102.80 -11.77 -5.62	138.18 -15.27 -3.72	162.71 -18.30 -6.69	149.76 -15.02 -8.31	139.27 -16.90 -6.59	127.62 -14.95 -5.35	106.22 -11.05 -7.86	92.03 -7.85 -7.48	93.87 -5.99 -4.68
NIAGARA___115KV_198_GIBSON 55903	76.59 -5.25 -4.64	74.17 -4.94 -5.33	73.67 -5.12 -4.56	71.04 -4.69 -4.68	74.98 -5.66 -4.18	97.38 -7.51 -2.04	121.70 -12.21 -1.24	131.67 -18.77 -1.47	128.62 -18.56 -1.03	110.60 -14.36 -2.23	102.81 -14.04 -3.65	88.34 -10.86 -5.61	84.03 -9.85 -5.14	80.31 -9.14 -6.35	79.99 -9.03 -7.65	101.15 -13.51 -5.70	135.84 -17.67 -3.77	160.55 -20.57 -6.79	147.69 -17.21 -8.43	139.67 -16.60 -6.69	125.91 -16.74 -5.43	104.70 -12.69 -7.98	90.92 -9.06 -7.58	92.41 -7.52 -4.74
NIAGARA____ 23760	77.52 -4.32 -4.65	74.99 -4.13 -5.34	74.50 -4.31 -4.57	71.83 -3.91 -4.69	75.91 -4.74 -4.19	98.83 -6.07 -2.04	124.61 -9.29 -1.23	135.40 -15.04 -1.46	131.54 -15.64 -1.03	113.41 -11.54 -2.22	105.74 -11.09 -3.63	90.28 -8.89 -5.58	85.95 -7.90 -5.11	82.02 -7.40 -6.31	81.73 -7.24 -7.61	102.85 -11.77 -5.67	138.21 -15.27 -3.75	162.77 -18.30 -6.74	149.82 -15.02 -8.37	139.33 -16.90 -6.64	127.66 -14.95 -5.40	106.29 -11.05 -7.93	92.11 -7.85 -7.56	93.94 -5.99 -4.75
NINE_MILE_1 23575	77.20 -1.93 -1.94	74.08 -1.92 -2.22	74.21 -1.93 -1.90	71.23 -1.77 -1.95	76.22 -1.99 -1.74	100.72 -2.99 -0.85	129.33 -3.85 -0.52	144.97 -4.62 -0.61	141.89 -4.68 -0.43	119.98 -3.68 -0.93	111.33 -3.39 -1.52	93.31 -2.62 -2.34	88.39 -2.48 -2.13	83.41 -2.33 -2.64	82.27 -2.28 -3.18	107.94 -3.38 -2.37	146.82 -4.49 -1.57	172.08 -5.06 -2.82	155.76 -4.22 -3.50	147.73 -4.64 -2.78	135.22 -4.25 -2.26	109.44 -3.28 -3.31	92.87 -2.68 -3.15	94.49 -2.66 -1.97
NINE_MILE_2 23744	77.20 -1.93 -1.93	74.16 -1.84 -2.22	74.21 -1.93 -1.90	71.22 -1.77 -1.95	76.21 -1.99 -1.74	100.71 -2.99 -0.85	129.33 -3.85 -0.52	144.97 -4.62 -0.61	141.89 -4.68 -0.43	119.98 -3.68 -0.93	111.33 -3.39 -1.52	93.30 -2.62 -2.33	88.39 -2.48 -2.13	83.41 -2.33 -2.63	82.26 -2.28 -3.17	107.94 -3.38 -2.36	146.81 -4.49 -1.56	172.08 -5.06 -2.81	155.75 -4.22 -3.49	147.72 -4.64 -2.77	135.21 -4.25 -2.25	109.44 -3.28 -3.31	92.86 -2.68 -3.14	94.49 -2.66 -1.97
NM_CAPITAL___DRP 24208	119.06 3.32 -38.55	121.15 3.10 -44.27	115.22 3.12 -37.86	112.90 2.98 -38.87	114.40 3.21 -34.73	124.08 4.32 -16.90	147.98 5.04 -10.28	166.07 4.92 -12.18	159.70 4.97 -8.59	145.55 4.30 -18.53	147.34 3.85 -30.29	143.40 3.28 -46.53	134.63 3.19 -42.70	138.75 2.91 -52.74	147.78 2.85 -63.56	160.00 3.70 -47.34	186.32 5.24 -31.34	237.00 6.28 -56.40	232.12 5.63 -70.01	210.35 5.24 -55.52	187.14 4.80 -45.12	179.60 3.94 -66.25	158.66 3.23 -63.03	137.98 3.33 -39.47
NM_CENTRAL___DRP 24181	79.91 -0.08 -2.79	76.91 -0.07 -3.20	76.90 -0.07 -2.74	73.79 -0.07 -2.81	78.90 -0.08 -2.51	103.77 -0.31 -1.22	133.01 -0.40 -0.74	148.82 -1.04 -0.88	145.74 -1.02 -0.62	123.70 -0.37 -1.34	114.94 -0.45 -2.19	96.77 -0.19 -3.37	91.65 -0.18 -3.09	86.75 -0.17 -3.81	85.80 -0.16 -4.60	111.94 -0.44 -3.42	151.41 -0.60 -2.27	178.06 -0.35 -4.08	161.54 0.00 -5.06	153.31 -0.30 -4.02	139.79 -0.69 -3.26	113.76 -0.44 -4.79	96.58 -0.37 -4.54	97.74 -0.29 -2.84
NM_FRONTIER___DRP 24179	76.59 -5.25 -4.64	74.17 -4.94 -5.33	73.67 -5.12 -4.56	71.04 -4.69 -4.68	74.98 -5.66 -4.18	97.38 -7.51 -2.04	121.70 -12.21 -1.24	131.67 -18.77 -1.47	128.62 -18.56 -1.03	110.60 -14.36 -2.23	102.81 -14.04 -3.65	88.34 -10.86 -5.61	84.03 -9.85 -5.14	80.31 -9.14 -6.35	79.99 -9.03 -7.65	101.15 -13.51 -5.70	135.84 -17.67 -3.77	160.55 -20.57 -6.79	147.69 -17.21 -8.43	139.67 -16.60 -6.69	125.91 -16.74 -5.43	104.70 -12.69 -7.98	90.92 -9.06 -7.58	92.41 -7.52 -4.74
NM_ST_REGIS___HYD 24053	72.18 -5.02 0.00	69.06 -4.72 0.00	69.56 -4.68 0.00	66.43 -4.62 0.00	71.80 -4.66 0.00	96.58 -6.27 0.00	123.91 -8.76 0.00	142.27 -6.70 0.00	139.28 -6.87 0.00	114.63 -8.10 0.00	106.86 -6.34 0.00	88.63 -4.96 0.00	83.68 -5.06 0.00	78.45 -4.65 0.00	76.81 -4.56 0.00	103.40 -5.56 0.00	140.15 -9.58 0.00	165.26 -9.06 0.00	146.15 -10.33 0.00	140.02 -9.57 0.00	128.71 -8.51 0.00	102.96 -6.46 0.00	87.32 -5.08 0.00	90.04 -5.14 0.00

NORTHPORT___1 23551	136.97 8.26 -51.51	129.75 7.82 -48.16	119.07 8.09 -36.74	109.97 7.53 -31.39	118.36 8.10 -33.80	127.20 10.70 -13.65	152.77 11.80 -8.30	171.93 13.11 -9.84	166.38 13.30 -6.94	150.09 11.78 -15.58	148.32 10.64 -24.48	147.50 9.73 -44.17	146.01 9.40 -47.86	146.97 8.80 -55.06	148.04 8.54 -58.13	158.75 11.12 -38.67	194.15 16.62 -27.79	249.75 20.04 -55.38	236.25 17.83 -61.94	210.39 16.01 -44.78	187.74 14.14 -36.39	173.68 10.83 -53.44	153.31 10.07 -50.84	146.01 10.08 -40.74
NORTHPORT___2 23552	136.97 8.26 -51.51	129.75 7.82 -48.16	119.07 8.09 -36.74	109.97 7.53 -31.39	118.36 8.10 -33.80	127.20 10.70 -13.65	152.77 11.80 -8.30	171.93 13.11 -9.84	166.38 13.30 -6.94	150.09 11.78 -15.58	148.32 10.64 -24.48	147.50 9.73 -44.17	146.01 9.40 -47.86	146.97 8.80 -55.06	148.04 8.54 -58.13	158.75 11.12 -38.67	194.15 16.62 -27.79	249.75 20.04 -55.38	236.25 17.83 -61.94	210.39 16.01 -44.78	187.74 14.14 -36.39	173.68 10.83 -53.44	153.31 10.07 -50.84	146.01 10.08 -40.74
NORTHPORT___3 23553	136.27 7.57 -51.51	129.02 7.08 -48.16	118.18 7.20 -36.74	109.26 6.82 -31.39	117.53 7.27 -33.80	126.28 9.78 -13.65	151.44 10.48 -8.30	170.44 11.63 -9.84	165.07 11.99 -6.94	149.11 10.80 -15.58	147.53 9.84 -24.48	146.75 8.99 -44.17	145.40 8.79 -47.86	146.14 7.98 -55.06	147.14 7.65 -58.13	157.54 9.91 -38.67	192.36 14.83 -27.79	247.84 18.13 -55.38	234.69 16.27 -61.94	209.04 14.67 -44.78	186.09 12.49 -36.39	172.58 9.73 -53.44	152.30 9.06 -50.84	144.87 8.94 -40.74
NORTHPORT___4 23650	136.27 7.57 -51.51	129.02 7.08 -48.16	118.18 7.20 -36.74	109.26 6.82 -31.39	117.53 7.27 -33.80	126.28 9.78 -13.65	151.44 10.48 -8.30	170.44 11.63 -9.84	165.07 11.99 -6.94	149.11 10.80 -15.58	147.53 9.84 -24.48	146.75 8.99 -44.17	145.40 8.79 -47.86	146.14 7.98 -55.06	147.14 7.65 -58.13	157.54 9.91 -38.67	192.36 14.83 -27.79	247.84 18.13 -55.38	234.69 16.27 -61.94	209.04 14.67 -44.78	186.09 12.49 -36.39	172.58 9.73 -53.44	152.30 9.06 -50.84	144.87 8.94 -40.74
NORTHPORT___IC 23718	136.97 8.26 -51.51	129.75 7.82 -48.16	119.07 8.09 -36.74	109.97 7.53 -31.39	118.36 8.10 -33.80	127.20 10.70 -13.65	152.77 11.80 -8.30	171.93 13.11 -9.84	166.38 13.30 -6.94	150.09 11.78 -15.58	148.32 10.64 -24.48	147.50 9.73 -44.17	146.01 9.40 -47.86	146.97 8.80 -55.06	148.04 8.54 -58.13	158.75 11.12 -38.67	194.15 16.62 -27.79	249.75 20.04 -55.38	236.25 17.83 -61.94	210.39 16.01 -44.78	187.74 14.14 -36.39	173.68 10.83 -53.44	153.31 10.07 -50.84	146.01 10.08 -40.74
NORTH___COUNTRY_ESR 323785	75.03 -2.16 0.00	71.86 -1.92 0.00	72.31 -1.93 0.00	68.92 -2.13 0.00	74.55 -1.91 0.00	100.59 -2.26 0.00	127.10 -5.57 0.00	142.86 -6.11 0.00	140.01 -6.13 0.00	116.59 -6.13 0.00	109.35 -3.85 0.00	90.87 -2.72 0.00	85.82 -2.93 0.00	80.44 -2.66 0.00	78.93 -2.44 0.00	106.02 -2.94 0.00	142.85 -6.89 0.00	167.35 -6.98 0.00	149.59 -6.88 0.00	144.06 -5.53 0.00	132.00 -5.21 0.00	106.35 -3.06 0.00	90.18 -2.22 0.00	93.76 -1.43 0.00
NPX_GEN_1385_PROXY 323591	135.50 6.79 -51.51	129.09 7.15 -48.16	118.77 7.79 -36.74	109.97 7.53 -31.39	118.36 8.10 -33.80	126.69 10.18 -13.65	151.58 10.62 -8.30	172.23 13.41 -9.84	167.84 11.99 -9.71	146.20 10.67 -12.80	146.63 8.94 -24.48	146.09 8.33 -44.17	144.68 8.07 -47.86	146.31 8.15 -55.06	147.31 7.81 -58.13	158.52 10.89 -38.67	194.00 16.47 -27.79	248.18 18.47 -55.38	234.99 16.58 -61.94	209.19 14.81 -44.78	187.46 13.85 -36.39	173.58 10.73 -53.44	153.22 9.98 -50.84	146.77 10.85 -40.74
NPX_GEN_CSC 323557	138.35 9.65 -51.51	130.93 9.00 -48.16	120.48 9.50 -36.74	111.67 9.23 -31.39	120.13 9.87 -33.80	129.05 12.54 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	172.22 16.36 -9.71	150.13 14.60 -12.80	151.04 13.35 -24.48	149.93 12.16 -44.17	148.32 11.71 -47.86	149.04 10.88 -55.06	149.92 10.42 -58.13	161.25 13.62 -38.67	197.74 20.21 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.68 19.30 -44.78	191.03 17.43 -36.39	176.19 13.34 -53.44	155.53 12.29 -50.84	148.49 12.56 -40.74
NSINS_S_GLNS_FALLS 23858	123.26 6.41 -39.66	125.45 6.12 -45.54	119.28 6.09 -38.96	116.86 5.83 -39.99	118.39 6.19 -35.73	128.88 8.64 -17.39	155.44 12.21 -10.57	174.47 12.96 -12.53	167.84 12.86 -8.83	152.72 10.92 -19.07	154.33 9.96 -31.16	149.51 8.05 -47.87	140.33 7.72 -43.87	144.44 7.15 -54.19	153.67 7.00 -65.31	166.97 9.37 -48.64	194.07 12.13 -32.20	247.27 14.99 -57.95	242.02 13.61 -71.94	219.35 12.72 -57.05	195.10 11.53 -46.36	186.68 9.19 -68.08	164.37 7.21 -64.76	142.97 7.23 -40.55
NUCOR_STEEL___DRP 24197	81.94 0.93 -3.82	78.97 0.81 -4.38	78.80 0.82 -3.75	75.75 0.85 -3.85	80.74 0.84 -3.44	105.66 1.13 -1.67	135.27 1.59 -1.02	150.93 0.74 -1.21	147.73 0.73 -0.85	125.67 1.10 -1.83	117.11 0.91 -3.00	99.04 0.84 -4.61	93.69 0.80 -4.15	88.89 0.66 -5.12	88.28 0.73 -6.18	114.54 0.98 -4.60	154.58 1.80 -3.05	182.59 2.79 -5.48	166.41 3.13 -6.80	157.38 2.39 -5.39	143.25 1.65 -4.38	116.94 1.09 -6.44	99.25 0.74 -6.11	99.96 0.95 -3.83
NUMBER_THREE_WT_PWR 323818	78.32 0.08 -1.05	74.91 -0.07 -1.20	75.27 0.00 -1.03	72.18 0.07 -1.06	77.79 0.38 -0.94	104.24 0.92 -0.46	135.20 2.25 -0.28	152.58 3.27 -0.33	149.30 2.92 -0.23	125.68 2.45 -0.50	116.41 2.38 -0.82	96.82 1.97 -1.27	91.47 1.42 -1.31	86.13 1.41 -1.62	84.62 1.30 -1.95	112.59 2.18 -1.45	153.85 3.15 -0.96	180.93 4.87 -1.73	162.85 4.23 -2.15	154.44 3.15 -1.71	141.20 2.60 -1.39	113.30 1.86 -2.04	95.63 1.29 -1.94	97.54 1.15 -1.21
NYISO_LBMP_REFERENCE 24008	77.19 0.00 0.00	73.78 0.00 0.00	74.24 0.00 0.00	71.05 0.00 0.00	76.46 0.00 0.00	102.85 0.00 0.00	132.66 0.00 0.00	148.98 0.00 0.00	146.15 0.00 0.00	122.73 0.00 0.00	113.20 0.00 0.00	93.59 0.00 0.00	88.74 0.00 0.00	83.10 0.00 0.00	81.37 0.00 0.00	108.96 0.00 0.00	149.74 0.00 0.00	174.32 0.00 0.00	156.47 0.00 0.00	149.59 0.00 0.00	137.22 0.00 0.00	109.41 0.00 0.00	92.40 0.00 0.00	95.18 0.00 0.00
NYPA_BRENTWD___GT 24164	137.89 9.18 -51.51	130.56 8.63 -48.16	119.73 8.76 -36.74	110.75 8.31 -31.39	119.20 8.94 -33.80	128.43 11.93 -13.65	154.89 13.93 -8.30	174.31 15.49 -9.84	168.73 15.65 -6.94	152.05 13.74 -15.58	150.25 12.56 -24.48	148.90 11.13 -44.17	147.34 10.73 -47.86	148.21 10.05 -55.06	149.26 9.76 -58.13	160.48 12.85 -38.67	196.70 19.17 -27.79	253.07 23.37 -55.38	239.23 20.81 -61.94	213.07 18.70 -44.78	190.06 16.46 -36.39	175.53 12.69 -53.44	154.69 11.46 -50.84	147.34 11.42 -40.74
NYPA_GOWANUS___GT5 24156	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85
NYPA_GOWANUS___GT6 24157	116.22 7.88 -31.15	116.79 7.23 -35.77	112.19 7.35 -30.60	109.42 6.97 -31.41	112.03 7.50 -28.07	126.60 10.09 -13.66	153.05 12.07 -8.31	171.94 13.11 -9.85	166.83 13.73 -6.95	161.06 12.64 -25.69	148.97 11.21 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.35 8.39 -44.86	140.73 8.06 -51.31	167.07 11.33 -46.78	229.46 16.32 -63.40	278.69 19.52 -84.85	252.55 17.83 -78.24	210.86 16.46 -44.82	187.62 14.00 -36.40	174.04 11.17 -53.47	153.35 10.07 -50.87	136.55 9.52 -31.85

NYPA_HARLEM__RVR_GT1 24160	115.60 7.25 -31.15	116.34 6.78 -35.77	111.74 6.91 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.97 -13.66	151.72 10.74 -8.31	170.45 11.63 -9.85	165.80 12.71 -6.94	166.26 12.27 -31.27	148.58 10.76 -24.62	140.95 9.08 -38.28	139.67 8.70 -42.23	138.05 8.15 -46.80	140.40 7.73 -51.30	171.19 11.00 -51.23	196.95 15.72 -31.50	272.17 18.47 -79.37	248.44 16.75 -75.22	209.81 15.41 -44.81	186.38 12.76 -36.40	173.38 10.50 -53.47	152.70 9.43 -50.86	136.37 9.33 -31.85
NYPA_HARLEM__RVR_GT2 24161	115.60 7.25 -31.15	116.34 6.78 -35.77	111.74 6.91 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.97 -13.66	151.72 10.74 -8.31	170.45 11.63 -9.85	165.80 12.71 -6.94	166.26 12.27 -31.27	148.58 10.76 -24.62	140.95 9.08 -38.28	139.67 8.70 -42.23	138.05 8.15 -46.80	140.40 7.73 -51.30	171.19 11.00 -51.23	196.95 15.72 -31.50	272.17 18.47 -79.37	248.44 16.75 -75.22	209.81 15.41 -44.81	186.38 12.76 -36.40	173.38 10.50 -53.47	152.70 9.43 -50.86	136.37 9.33 -31.85
NYPA_KENT____GT 24152	115.99 7.64 -31.15	116.64 7.08 -35.77	112.04 7.20 -30.60	109.28 6.82 -31.41	111.87 7.34 -28.07	126.39 9.88 -13.66	152.92 11.94 -8.31	171.78 12.95 -9.85	166.83 13.73 -6.95	160.94 12.52 -25.69	148.86 11.10 -24.56	140.99 9.36 -38.04	136.36 8.96 -38.66	136.27 8.31 -44.86	140.65 7.98 -51.31	166.96 11.22 -46.78	229.31 16.18 -63.40	278.35 19.18 -84.85	252.24 17.52 -78.24	210.57 16.16 -44.82	187.34 13.72 -36.40	173.92 11.05 -53.47	153.06 9.79 -50.87	136.37 9.33 -31.85
NYPA_POUCH1____GT 24155	116.14 7.79 -31.15	116.71 7.15 -35.77	112.04 7.20 -30.60	109.35 6.89 -31.41	111.87 7.34 -28.07	126.39 9.88 -13.66	152.78 11.80 -8.31	171.48 12.66 -9.85	166.10 13.00 -6.95	161.32 12.03 -26.56	148.40 10.64 -24.56	140.56 8.90 -38.08	136.26 8.52 -39.00	136.12 7.98 -45.04	140.32 7.65 -51.31	166.63 10.89 -46.78	228.85 15.72 -63.40	278.01 18.83 -84.85	252.08 17.37 -78.24	210.42 16.01 -44.82	187.08 13.45 -36.40	173.61 10.73 -53.47	153.17 9.89 -50.87	136.37 9.33 -31.85
NYPA_VERNON____GT2 24162	115.83 7.49 -31.15	116.49 6.93 -35.77	111.81 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.18 9.67 -13.66	152.65 11.68 -8.31	171.78 12.95 -9.85	166.69 13.59 -6.95	160.81 12.39 -25.69	148.86 11.10 -24.56	140.90 9.27 -38.04	136.27 8.87 -38.66	136.19 8.23 -44.86	140.65 7.98 -51.31	166.86 11.12 -46.78	229.00 15.86 -63.40	278.01 18.83 -84.85	251.93 17.21 -78.24	210.26 15.85 -44.82	187.21 13.59 -36.40	173.71 10.83 -53.47	152.88 9.61 -50.87	136.17 9.14 -31.85
NYPA_VERNON____GT3 24163	115.83 7.49 -31.15	116.49 6.93 -35.77	111.81 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.18 9.67 -13.66	152.65 11.68 -8.31	171.78 12.95 -9.85	166.69 13.59 -6.95	160.81 12.39 -25.69	148.86 11.10 -24.56	140.90 9.27 -38.04	136.27 8.87 -38.66	136.19 8.23 -44.86	140.65 7.98 -51.31	166.86 11.12 -46.78	229.00 15.86 -63.40	278.01 18.83 -84.85	251.93 17.21 -78.24	210.26 15.85 -44.82	187.21 13.59 -36.40	173.71 10.83 -53.47	152.88 9.61 -50.87	136.17 9.14 -31.85
NYPA__ASTORIA_CC1 323568	115.76 7.41 -31.15	116.42 6.86 -35.77	111.81 6.98 -30.60	109.13 6.68 -31.41	111.64 7.11 -28.07	126.18 9.67 -13.66	152.65 11.68 -8.31	171.64 12.81 -9.85	166.53 13.44 -6.95	160.69 12.27 -25.69	148.74 10.98 -24.56	140.81 9.18 -38.04	136.19 8.79 -38.66	136.19 8.23 -44.86	140.57 7.89 -51.31	166.74 11.00 -46.78	229.00 15.86 -63.40	277.84 18.66 -84.85	251.62 16.90 -78.24	209.96 15.56 -44.82	187.08 13.45 -36.40	173.71 10.83 -53.47	152.79 9.52 -50.87	136.17 9.14 -31.85
NYPA__ASTORIA_CC2 323569	115.76 7.41 -31.15	116.42 6.86 -35.77	111.81 6.98 -30.60	109.13 6.68 -31.41	111.64 7.11 -28.07	126.18 9.67 -13.66	152.65 11.68 -8.31	171.64 12.81 -9.85	166.53 13.44 -6.95	160.69 12.27 -25.69	148.74 10.98 -24.56	140.81 9.18 -38.04	136.19 8.79 -38.66	136.19 8.23 -44.86	140.57 7.89 -51.31	166.74 11.00 -46.78	229.00 15.86 -63.40	277.84 18.66 -84.85	251.62 16.90 -78.24	209.96 15.56 -44.82	187.08 13.45 -36.40	173.71 10.83 -53.47	152.79 9.52 -50.87	136.17 9.14 -31.85
NYPA__HOLTSVILL 23794	137.50 8.80 -51.51	130.20 8.26 -48.16	119.51 8.53 -36.74	110.60 8.17 -31.39	118.97 8.71 -33.80	128.02 11.52 -13.65	154.23 13.26 -8.30	173.42 14.61 -9.84	167.84 14.75 -6.94	151.44 13.14 -15.58	149.68 11.99 -24.48	148.52 10.76 -44.17	146.99 10.38 -47.86	147.88 9.72 -55.06	148.85 9.35 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	251.85 22.14 -55.38	238.29 19.87 -61.94	212.17 17.79 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.32 11.08 -50.84	146.96 11.04 -40.74
NYPA__HELLGATE_GT1 24158	115.60 7.25 -31.15	116.34 6.78 -35.77	111.74 6.91 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.97 -13.66	151.72 10.74 -8.31	170.45 11.63 -9.85	165.80 12.71 -6.94	151.36 12.27 -16.37	148.45 10.76 -24.49	140.33 9.08 -37.66	132.51 8.70 -35.07	134.15 8.15 -42.90	140.40 7.73 -51.29	159.27 11.00 -39.32	247.51 15.72 -82.05	272.17 18.47 -79.37	248.44 16.75 -75.22	209.81 15.41 -44.81	186.38 12.76 -36.40	173.38 10.50 -53.47	152.70 9.43 -50.86	136.37 9.33 -31.85
NYPA__HELLGATE_GT2 24159	115.60 7.25 -31.15	116.34 6.78 -35.77	111.74 6.91 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.49 9.97 -13.66	151.72 10.74 -8.31	170.45 11.63 -9.85	165.80 12.71 -6.94	151.36 12.27 -16.37	148.45 10.76 -24.49	140.33 9.08 -37.66	132.51 8.70 -35.07	134.15 8.15 -42.90	140.40 7.73 -51.29	159.27 11.00 -39.32	247.51 15.72 -82.05	272.17 18.47 -79.37	248.44 16.75 -75.22	209.81 15.41 -44.81	186.38 12.76 -36.40	173.38 10.50 -53.47	152.70 9.43 -50.86	136.37 9.33 -31.85
NYS_BARGE__HYD 23848	77.56 -4.17 -4.54	74.94 -4.06 -5.21	74.47 -4.23 -4.46	71.79 -3.84 -4.58	75.97 -4.59 -4.09	98.99 -5.86 -1.99	124.99 -8.89 -1.21	135.52 -14.90 -1.44	131.52 -15.64 -1.01	113.50 -11.41 -2.18	105.90 -10.87 -3.57	90.27 -8.80 -5.48	85.95 -7.81 -5.02	81.91 -7.40 -6.20	81.60 -7.24 -7.47	102.87 -11.66 -5.57	138.60 -14.83 -3.69	163.36 -17.60 -6.63	150.31 -14.39 -8.23	139.51 -16.61 -6.53	127.84 -14.68 -5.30	106.26 -10.94 -7.79	91.96 -7.85 -7.41	93.92 -5.90 -4.64
OAK ORCHARD__HYD 24046	80.05 -0.92 -3.78	77.08 -1.03 -4.34	76.76 -1.19 -3.71	73.93 -0.93 -3.81	78.64 -1.23 -3.40	103.17 -1.34 -1.66	131.41 -2.26 -1.01	145.26 -4.91 -1.19	141.58 -5.40 -0.84	121.23 -3.31 -1.82	113.00 -3.17 -2.97	95.53 -2.62 -4.56	90.60 -2.31 -4.17	86.01 -2.24 -5.15	85.38 -2.19 -6.20	109.33 -4.25 -4.62	147.86 -4.94 -3.06	174.43 -5.41 -5.51	159.40 -3.91 -6.83	149.33 -5.68 -5.42	136.55 -5.07 -4.40	112.16 -3.72 -6.47	95.87 -2.68 -6.15	97.22 -1.81 -3.85
OAKDALE__35_KV_LOAD 356122	88.36 1.08 -10.09	86.47 1.11 -11.58	85.26 1.11 -9.91	82.35 1.14 -10.17	86.62 1.07 -9.09	108.61 1.34 -4.42	137.21 1.86 -2.69	152.91 0.74 -3.19	149.27 0.88 -2.25	128.80 1.23 -4.85	121.92 0.79 -7.92	106.61 0.84 -12.17	100.81 0.89 -11.17	97.65 0.75 -13.80	98.74 0.73 -16.64	122.22 0.87 -12.39	159.59 1.65 -8.20	191.35 2.27 -14.76	177.46 2.66 -18.32	166.22 2.09 -14.53	150.40 1.37 -11.81	127.95 1.20 -17.34	110.00 1.11 -16.49	106.94 1.43 -10.33
OCC_CHEM__DRP 24175	76.75 -5.09 -4.65	74.40 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.10 -11.81 -1.24	132.12 -18.32 -1.47	128.91 -18.27 -1.04	110.85 -14.11 -2.24	103.16 -13.70 -3.65	88.63 -10.58 -5.61	84.31 -9.58 -5.15	80.57 -8.89 -6.36	80.16 -8.87 -7.67	101.48 -13.18 -5.71	136.30 -17.22 -3.78	161.08 -20.05 -6.80	148.17 -16.74 -8.44	140.13 -16.16 -6.70	126.19 -16.47 -5.44	104.93 -12.47 -7.99	91.21 -8.78 -7.59	92.61 -7.33 -4.75

OH_GEN_PROXY 24063	77.54 -4.25 -4.59	75.07 -3.99 -5.27	74.52 -4.23 -4.51	71.91 -3.77 -4.63	76.01 -4.59 -4.14	99.01 -5.86 -2.01	125.00 -8.89 -1.22	136.13 -14.30 -1.45	134.89 -15.05 -3.80	111.11 -11.05 0.57	106.16 -10.65 -3.60	90.61 -8.52 -5.54	86.27 -7.54 -5.07	82.30 -7.06 -6.26	82.00 -6.92 -7.55	103.36 -11.22 -5.62	138.94 -14.52 -3.72	163.59 -17.43 -6.70	150.55 -14.24 -8.31	140.03 -16.16 -6.59	128.30 -14.27 -5.36	106.77 -10.50 -7.87	92.41 -7.48 -7.48	94.06 -5.81 -4.69
OLIN_CORP_DRP 24177	76.87 -5.02 -4.69	74.37 -4.80 -5.39	73.87 -4.97 -4.61	71.23 -4.55 -4.73	75.26 -5.43 -4.23	97.82 -7.10 -2.06	122.51 -11.41 -1.25	132.29 -18.18 -1.48	129.51 -17.68 -1.05	111.24 -13.75 -2.26	103.53 -13.36 -3.69	88.96 -10.29 -5.67	84.62 -9.32 -5.20	80.80 -8.73 -6.42	80.48 -8.63 -7.74	101.75 -12.97 -5.76	136.78 -16.77 -3.82	161.84 -19.35 -6.87	148.88 -16.12 -8.52	140.64 -15.71 -6.76	126.79 -15.92 -5.49	105.33 -12.14 -8.07	91.47 -8.59 -7.66	92.94 -7.04 -4.80
OLIN_CORP_DSASP 323712	76.75 -5.10 -4.65	74.39 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.76 -11.14 -1.24	133.32 -17.13 -1.47	129.35 -17.84 -1.04	111.71 -13.26 -2.24	104.18 -12.68 -3.65	89.01 -10.20 -5.61	84.83 -9.05 -5.14	80.97 -8.48 -6.35	80.64 -8.38 -7.65	101.36 -13.30 -5.70	136.14 -17.37 -3.77	160.37 -20.75 -6.79	147.69 -17.21 -8.43	137.13 -19.15 -6.69	125.63 -17.02 -5.43	104.81 -12.58 -7.98	90.94 -9.05 -7.59	92.70 -7.24 -4.75
ONEIDA_HERK_LFGE 323681	80.03 1.85 -0.98	76.61 1.70 -1.13	76.98 1.78 -0.97	73.74 1.70 -0.99	79.41 2.07 -0.89	106.37 3.08 -0.43	137.57 4.64 -0.26	154.80 5.52 -0.31	151.62 5.25 -0.22	127.98 4.78 -0.47	118.51 4.53 -0.77	98.53 3.75 -1.19	93.31 3.37 -1.20	87.82 3.24 -1.48	86.24 3.09 -1.78	114.53 4.25 -1.33	156.61 6.00 -0.88	183.57 7.66 -1.58	165.48 7.05 -1.96	156.97 5.83 -1.56	143.69 5.21 -1.26	115.42 4.16 -1.86	97.40 3.23 -1.77	99.53 3.24 -1.11
ONEIDA___115KV_TB4 55905	82.05 3.01 -1.85	78.71 2.80 -2.12	78.95 2.90 -1.82	75.68 2.77 -1.87	81.19 3.06 -1.67	108.09 4.42 -0.81	139.39 6.24 -0.49	156.27 6.70 -0.58	153.28 6.72 -0.41	129.63 6.01 -0.89	120.09 5.43 -1.45	100.41 4.59 -2.23	95.09 4.26 -2.09	89.75 4.07 -2.58	88.38 3.91 -3.11	116.72 5.45 -2.32	158.91 7.64 -1.53	186.32 9.24 -2.76	168.51 8.61 -3.43	159.94 7.63 -2.72	146.01 6.59 -2.21	117.90 5.25 -3.24	99.76 4.25 -3.11	101.51 4.38 -1.95
ONONDAGA_REF_OCCRA 23987	81.03 0.39 -3.45	78.11 0.37 -3.96	77.93 0.30 -3.39	74.88 0.36 -3.48	79.88 0.31 -3.11	104.68 0.31 -1.51	134.12 0.53 -0.92	150.07 0.00 -1.09	146.91 0.00 -0.77	124.75 0.37 -1.66	116.25 0.34 -2.71	98.13 0.37 -4.17	92.92 0.35 -3.82	88.16 0.33 -4.72	87.47 0.41 -5.69	113.52 0.33 -4.24	153.14 0.60 -2.81	180.60 1.22 -5.05	164.31 1.56 -6.27	155.61 1.05 -4.97	141.80 0.55 -4.04	115.78 0.44 -5.93	98.31 0.28 -5.63	99.09 0.38 -3.52
ONONDAGA___COGEN 23986	80.70 0.31 -3.20	77.74 0.30 -3.67	77.67 0.30 -3.14	74.55 0.28 -3.22	79.57 0.23 -2.88	104.46 0.21 -1.40	133.91 0.40 -0.85	149.69 -0.30 -1.01	146.71 -0.15 -0.71	124.51 0.25 -1.54	115.94 0.23 -2.51	97.73 0.28 -3.86	92.53 0.27 -3.52	87.70 0.25 -4.35	86.85 0.24 -5.24	113.08 0.22 -3.90	152.92 0.60 -2.58	180.02 1.05 -4.65	163.65 1.41 -5.77	155.22 1.05 -4.58	141.48 0.55 -3.72	115.20 0.33 -5.46	97.67 0.09 -5.18	98.61 0.19 -3.24
ONTARIO___LFGE 23819	82.79 1.08 -4.51	79.92 0.96 -5.18	79.63 0.96 -4.43	76.59 0.99 -4.55	81.52 0.99 -4.07	106.47 1.64 -1.98	136.26 2.39 -1.20	149.81 -0.59 -1.43	146.13 -1.02 -1.01	124.65 -0.24 -2.17	116.41 -0.34 -3.55	98.76 -0.28 -5.45	93.37 -0.35 -4.98	88.84 -0.41 -6.16	88.46 -0.32 -7.42	113.94 -0.54 -5.53	153.85 0.45 -3.66	182.30 1.39 -6.58	167.00 2.35 -8.17	156.52 0.45 -6.48	142.76 0.27 -5.27	117.14 0.00 -7.73	99.58 -0.18 -7.36	100.08 0.29 -4.61
ORANGEVILLE_WT_PWR 323706	80.49 -2.39 -5.69	78.03 -2.29 -6.53	77.45 -2.38 -5.59	74.65 -2.13 -5.74	78.91 -2.68 -5.13	102.05 -3.30 -2.50	129.14 -5.04 -1.52	141.24 -9.54 -1.80	137.33 -10.08 -1.27	118.34 -7.12 -2.74	110.76 -6.91 -4.47	94.94 -5.52 -6.87	90.16 -4.88 -6.30	86.31 -4.57 -7.78	86.27 -4.48 -9.37	108.74 -7.19 -6.98	145.67 -8.69 -4.62	172.71 -9.93 -8.32	159.29 -7.51 -10.33	148.06 -9.72 -8.19	135.23 -8.64 -6.65	112.83 -6.35 -9.77	97.26 -4.43 -9.29	98.05 -2.95 -5.82
ORANGEVILLE___ESR 323794	80.49 -2.39 -5.69	78.03 -2.29 -6.53	77.45 -2.38 -5.59	74.65 -2.13 -5.74	78.91 -2.68 -5.13	102.05 -3.30 -2.50	129.14 -5.04 -1.52	141.24 -9.54 -1.80	137.33 -10.08 -1.27	118.34 -7.12 -2.74	110.76 -6.91 -4.47	94.94 -5.52 -6.87	90.16 -4.88 -6.30	86.31 -4.57 -7.78	86.27 -4.48 -9.37	108.74 -7.19 -6.98	145.67 -8.69 -4.62	172.71 -9.93 -8.32	159.29 -7.51 -10.33	148.06 -9.72 -8.19	135.23 -8.64 -6.65	112.83 -6.35 -9.77	97.26 -4.43 -9.29	98.05 -2.95 -5.82
OSWEGATCHIE___HYD 24044	74.31 -3.63 -0.75	71.17 -3.47 -0.86	71.56 -3.41 -0.73	68.46 -3.34 -0.75	73.92 -3.21 -0.67	99.06 -4.12 -0.33	128.09 -4.77 -0.20	145.94 -3.28 -0.24	142.96 -3.36 -0.17	118.91 -4.17 -0.36	110.40 -3.39 -0.59	91.87 -2.62 -0.90	86.67 -3.02 -0.94	81.53 -2.74 -1.17	80.01 -2.77 -1.40	106.74 -3.27 -1.05	145.49 -4.94 -0.69	171.73 -3.84 -1.25	153.33 -4.69 -1.55	146.18 -4.64 -1.23	133.69 -4.52 -1.00	107.04 -3.83 -1.46	90.56 -3.24 -1.39	92.53 -3.52 -0.87
OSWEGO___5 23606	78.13 -1.31 -2.24	75.03 -1.33 -2.58	75.11 -1.33 -2.20	72.10 -1.21 -2.26	77.11 -1.37 -2.02	101.78 -2.06 -0.98	130.61 -2.65 -0.60	146.27 -3.42 -0.71	143.14 -3.51 -0.50	121.22 -2.58 -1.08	112.58 -2.38 -1.76	94.43 -1.87 -2.71	89.44 -1.77 -2.47	84.50 -1.66 -3.06	83.42 -1.63 -3.68	109.30 -2.40 -2.74	148.40 -3.15 -1.82	174.11 -3.49 -3.27	157.72 -2.81 -4.06	149.52 -3.29 -3.22	136.81 -3.02 -2.61	110.84 -2.41 -3.84	94.11 -1.94 -3.65	95.66 -1.81 -2.29
OSWEGO___6 23613	78.13 -1.31 -2.24	75.03 -1.33 -2.58	75.11 -1.33 -2.20	72.10 -1.21 -2.26	77.11 -1.37 -2.02	101.78 -2.06 -0.98	130.61 -2.65 -0.60	146.27 -3.42 -0.71	143.14 -3.51 -0.50	121.22 -2.58 -1.08	112.58 -2.38 -1.76	94.43 -1.87 -2.71	89.44 -1.77 -2.47	84.50 -1.66 -3.06	83.42 -1.63 -3.68	109.30 -2.40 -2.74	148.40 -3.15 -1.82	174.11 -3.49 -3.27	157.72 -2.81 -4.06	149.52 -3.29 -3.22	136.81 -3.02 -2.61	110.84 -2.41 -3.84	94.11 -1.94 -3.65	95.66 -1.81 -2.29
OUTOKUMPU-AB___DRP 24206	78.45 -3.47 -4.73	75.90 -3.32 -5.44	75.40 -3.49 -4.65	72.70 -3.13 -4.77	76.75 -3.98 -4.27	99.89 -5.04 -2.08	125.30 -8.62 -1.26	135.73 -14.75 -1.50	132.59 -14.61 -1.06	114.20 -10.80 -2.28	106.28 -10.64 -3.72	91.26 -8.05 -5.72	86.80 -7.19 -5.24	82.76 -6.81 -6.48	82.42 -6.75 -7.81	104.42 -10.35 -5.81	140.41 -13.18 -3.85	166.26 -14.99 -6.93	152.87 -12.20 -8.60	144.29 -12.12 -6.82	130.13 -12.62 -5.54	108.03 -9.52 -8.14	93.57 -6.56 -7.73	95.07 -4.95 -4.84
OXBOW___BTM 323836	77.72 -4.17 -4.69	75.26 -3.91 -5.39	74.76 -4.08 -4.61	72.01 -3.77 -4.73	76.02 -4.67 -4.23	98.94 -5.97 -2.06	124.63 -9.29 -1.25	135.42 -15.04 -1.48	131.40 -15.79 -1.05	113.44 -11.54 -2.26	106.02 -10.87 -3.69	90.56 -8.70 -5.67	86.21 -7.72 -5.19	82.28 -7.23 -6.41	82.01 -7.08 -7.72	103.16 -11.55 -5.75	138.72 -14.83 -3.81	163.58 -17.60 -6.85	150.59 -14.39 -8.51	139.73 -16.61 -6.75	128.02 -14.68 -5.48	106.52 -10.94 -8.05	92.39 -7.67 -7.66	94.08 -5.90 -4.80

OXBOW____ 24026	77.72 -4.17 -4.69	75.26 -3.91 -5.39	74.76 -4.08 -4.61	72.01 -3.77 -4.73	76.02 -4.66 -4.23	98.95 -5.97 -2.06	123.83 -10.08 -1.25	134.07 -16.39 -1.48	130.97 -16.22 -1.05	112.71 -12.27 -2.26	105.00 -11.89 -3.69	90.18 -9.08 -5.67	85.78 -8.16 -5.20	81.88 -7.65 -6.42	81.54 -7.57 -7.74	103.17 -11.55 -5.76	138.73 -14.82 -3.82	164.11 -17.08 -6.87	151.07 -13.93 -8.52	142.59 -13.76 -6.76	128.57 -14.13 -5.49	106.75 -10.72 -8.06	92.58 -7.48 -7.66	94.08 -5.90 -4.80
OXY_CHEM_DSASP 323612	76.75 -5.09 -4.65	74.40 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.10 -11.81 -1.24	132.12 -18.32 -1.47	128.91 -18.27 -1.04	110.85 -14.11 -2.24	103.16 -13.70 -3.65	88.63 -10.58 -5.61	84.31 -9.58 -5.15	80.57 -8.89 -6.36	80.16 -8.87 -7.67	101.48 -13.18 -5.71	136.30 -17.22 -3.78	161.08 -20.05 -6.80	148.17 -16.74 -8.44	140.13 -16.16 -6.70	126.19 -16.47 -5.44	104.93 -12.47 -7.99	91.21 -8.78 -7.59	92.61 -7.33 -4.75
OZONE_PARK_ESR 323760	115.90 7.56 -31.14	116.48 6.94 -35.76	111.88 7.05 -30.59	109.13 6.68 -31.40	111.71 7.19 -28.06	126.28 9.77 -13.65	153.84 12.87 -8.31	173.13 14.30 -9.85	167.86 14.76 -6.95	159.79 13.25 -23.81	149.86 12.11 -24.54	141.57 10.01 -37.96	136.16 9.50 -37.92	136.36 8.81 -44.45	141.13 8.46 -51.30	165.56 11.33 -45.27	222.83 16.32 -56.77	273.04 19.35 -79.36	249.52 17.84 -75.21	211.01 16.60 -44.81	187.34 13.72 -36.40	174.03 11.16 -53.46	152.97 9.70 -50.87	136.35 9.33 -31.84
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	76.75 -5.09 -4.65	74.40 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.10 -11.81 -1.24	132.12 -18.32 -1.47	128.91 -18.27 -1.04	110.85 -14.11 -2.24	103.16 -13.70 -3.65	88.63 -10.58 -5.61	84.31 -9.58 -5.15	80.57 -8.89 -6.36	80.16 -8.87 -7.67	101.48 -13.18 -5.71	136.30 -17.22 -3.78	161.08 -20.05 -6.80	148.17 -16.74 -8.44	140.13 -16.16 -6.70	126.19 -16.47 -5.44	104.93 -12.47 -7.99	91.21 -8.78 -7.59	92.61 -7.33 -4.75
PACKARD__115KV_DUPONT_184 80571	76.75 -5.09 -4.65	74.40 -4.72 -5.34	73.83 -4.97 -4.57	71.19 -4.55 -4.69	75.14 -5.51 -4.19	97.59 -7.30 -2.04	122.10 -11.81 -1.24	132.12 -18.32 -1.47	128.91 -18.27 -1.04	110.85 -14.11 -2.24	103.16 -13.70 -3.65	88.63 -10.58 -5.61	84.31 -9.58 -5.15	80.57 -8.89 -6.36	80.16 -8.87 -7.67	101.48 -13.18 -5.71	136.30 -17.22 -3.78	161.08 -20.05 -6.80	148.17 -16.74 -8.44	140.13 -16.16 -6.70	126.19 -16.47 -5.44	104.93 -12.47 -7.99	91.21 -8.78 -7.59	92.61 -7.33 -4.75
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	115.60 7.26 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.07 6.61 -31.41	111.56 7.03 -28.07	126.39 9.87 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	166.54 13.45 -6.95	150.35 12.03 -15.59	148.55 10.87 -24.48	140.30 9.08 -37.63	132.05 8.61 -34.70	133.77 7.98 -42.69	140.48 7.81 -51.30	157.79 10.13 -38.70	192.99 14.37 -28.87	270.43 16.74 -79.37	247.03 15.33 -75.22	208.77 14.36 -44.82	185.83 12.21 -36.41	172.83 9.96 -53.47	152.15 8.87 -50.87	136.46 9.42 -31.85
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	116.76 8.41 -31.15	117.37 7.82 -35.77	112.85 8.02 -30.60	110.13 7.67 -31.41	112.63 8.10 -28.07	127.73 11.21 -13.66	155.44 14.46 -8.31	174.62 15.79 -9.85	168.30 15.20 -6.95	151.57 13.25 -15.59	149.80 12.11 -24.48	141.23 10.01 -37.63	132.94 9.50 -34.70	134.69 8.89 -42.69	141.37 8.71 -51.30	159.09 11.44 -38.70	194.78 16.17 -28.87	272.52 18.83 -79.37	248.75 17.06 -75.22	210.56 16.16 -44.82	187.21 13.58 -36.41	174.04 11.16 -53.47	153.16 9.89 -50.87	137.51 10.47 -31.85
PATROON__115KV_TB1 80586	119.36 3.40 -38.77	121.47 3.17 -44.52	115.51 3.19 -38.08	113.19 3.06 -39.09	114.68 3.29 -34.93	124.27 4.42 -17.00	148.04 5.04 -10.34	166.29 5.07 -12.25	160.04 5.26 -8.64	145.90 4.54 -18.64	147.74 4.08 -30.46	143.75 3.37 -46.79	134.93 3.28 -42.90	139.17 3.07 -52.99	148.24 3.01 -63.86	160.44 3.92 -47.57	186.77 5.54 -31.49	237.62 6.62 -56.67	232.76 5.95 -70.34	210.91 5.53 -55.79	187.63 5.08 -45.33	180.03 4.05 -66.57	159.15 3.42 -63.33	138.26 3.43 -39.65
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	78.31 -4.01 -5.13	75.84 -3.84 -5.90	75.35 -3.93 -5.04	72.60 -3.62 -5.18	76.65 -4.43 -4.63	99.55 -5.55 -2.25	125.41 -8.62 -1.37	136.45 -14.15 -1.62	133.26 -14.03 -1.14	114.76 -10.43 -2.47	106.82 -10.41 -4.04	91.83 -7.96 -6.20	87.42 -7.01 -5.69	83.31 -6.81 -7.02	83.08 -6.75 -8.47	105.13 -10.13 -6.31	141.18 -12.73 -4.17	167.54 -14.29 -7.51	154.38 -11.42 -9.33	145.47 -11.52 -7.40	131.01 -12.21 -6.01	109.15 -9.08 -8.82	94.32 -6.47 -8.39	95.29 -5.14 -5.25
PAWLING_115_KV_BK3_REV_LBMP_H 345028	115.87 7.26 -31.42	116.65 6.79 -36.09	111.93 6.83 -30.87	109.20 6.47 -31.68	111.50 6.73 -28.31	125.79 9.15 -13.78	153.11 12.07 -8.38	172.32 13.41 -9.93	167.17 14.03 -7.00	149.86 12.03 -15.11	148.87 10.98 -24.69	140.60 9.08 -37.93	132.02 8.52 -34.76	134.02 7.98 -42.94	140.76 7.65 -51.75	157.63 10.13 -38.54	190.23 14.97 -25.52	238.72 18.48 -45.92	230.37 16.90 -57.00	210.35 15.56 -45.20	186.98 13.04 -36.73	174.18 10.83 -53.94	152.77 9.06 -51.31	136.16 8.85 -32.13
PEEKSKILL____ 23653	114.08 6.10 -30.79	114.82 5.68 -35.36	110.28 5.79 -30.24	107.56 5.47 -31.04	110.01 5.81 -27.74	124.17 7.81 -13.50	150.69 9.82 -8.21	169.58 10.87 -9.73	164.41 11.41 -6.86	148.29 10.31 -15.26	146.56 9.17 -24.19	138.45 7.68 -37.18	130.34 7.36 -34.24	132.08 6.82 -42.17	138.66 6.59 -50.70	156.24 9.15 -38.13	189.93 13.32 -26.87	242.73 16.03 -52.38	230.96 14.55 -59.94	207.19 13.31 -44.29	184.59 11.38 -35.99	171.34 9.08 -52.85	150.71 8.04 -50.28	134.18 7.52 -31.48
PGE MADISON__WINDPWR 24146	94.45 7.49 -9.77	92.15 7.15 -11.22	91.03 7.20 -9.60	88.00 7.10 -9.85	93.22 7.95 -8.80	118.65 11.52 -4.28	152.12 16.85 -2.60	170.38 18.32 -3.09	166.00 17.68 -2.18	143.14 15.71 -4.70	135.14 14.26 -7.68	117.37 11.98 -11.79	110.79 11.18 -10.86	107.07 10.56 -13.42	107.87 10.33 -16.17	135.49 14.49 -12.04	179.12 21.41 -7.97	215.16 26.49 -14.35	199.16 24.88 -17.81	185.40 21.68 -14.12	168.04 19.35 -11.48	141.69 15.43 -16.85	120.63 12.20 -16.03	117.59 12.37 -10.04
PIERCEFIELD__HYD 23852	71.40 -5.79 0.00	68.25 -5.53 0.00	68.74 -5.49 0.00	65.72 -5.33 0.00	71.03 -5.43 0.00	95.45 -7.41 0.00	122.98 -9.68 0.00	141.83 -7.15 0.00	138.98 -7.16 0.00	114.01 -8.71 0.00	105.96 -7.24 0.00	87.79 -5.80 0.00	82.97 -5.77 0.00	77.70 -5.40 0.00	76.08 -5.29 0.00	102.31 -6.65 0.00	139.26 -10.48 0.00	164.39 -9.94 0.00	145.05 -11.42 0.00	138.97 -10.62 0.00	127.75 -9.47 0.00	101.86 -7.55 0.00	86.40 -6.01 0.00	88.90 -6.28 0.00
PINELAWN_CC_1 323563	137.27 8.57 -51.51	129.91 7.97 -48.16	119.14 8.17 -36.74	110.11 7.68 -31.39	118.59 8.34 -33.80	127.62 11.11 -13.65	154.23 13.26 -8.30	173.57 14.75 -9.84	168.14 15.06 -6.94	151.56 13.26 -15.58	149.68 11.99 -24.48	148.24 10.48 -44.17	146.72 10.11 -47.86	147.63 9.47 -55.06	148.69 9.19 -58.13	159.83 12.20 -38.67	195.79 18.26 -27.79	252.03 22.32 -55.38	238.45 20.03 -61.94	212.32 17.94 -44.78	189.24 15.64 -36.39	174.88 12.04 -53.44	154.05 10.81 -50.84	146.58 10.66 -40.74
PJM_GEN_HTP_PROXY 323702	115.13 6.79 -31.14	115.81 6.27 -35.76	111.21 6.39 -30.59	108.56 6.11 -31.40	111.01 6.50 -28.06	125.35 8.85 -13.65	151.98 11.01 -8.31	171.04 12.22 -9.84	168.73 12.86 -9.72	153.45 11.78 -18.94	148.03 10.30 -24.52	140.17 8.71 -37.87	134.18 8.34 -37.09	134.83 7.73 -44.00	140.14 7.48 -51.29	162.91 10.36 -43.59	214.26 15.12 -49.40	265.55 17.96 -73.27	244.58 16.27 -71.84	209.35 14.96 -44.80	186.38 12.76 -36.40	173.04 10.18 -53.46	152.13 8.87 -50.86	135.30 8.28 -31.84

PJM_GEN_KEystone	97.71	96.97	94.36	91.67	94.86	112.92	139.58	155.27	153.44	131.20	128.80	117.19	111.02	109.94	113.26	133.29	169.49	209.08	196.27	177.94	160.09	142.96	124.78	116.49
24065	1.54	1.40	1.48	1.49	1.30	1.75	1.86	0.30	0.29	1.35	0.68	0.66	0.98	0.75	0.65	0.44	1.50	2.10	2.66	1.05	0.69	0.98	1.39	1.90
	-18.97	-21.79	-18.64	-19.13	-17.10	-8.32	-5.06	-6.00	-7.00	-7.12	-14.91	-22.93	-21.29	-26.09	-31.25	-23.89	-18.26	-32.65	-37.14	-27.30	-22.18	-32.57	-30.99	-19.40
PJM_GEN_NEPTUNE_PROXY	136.12	128.87	118.03	109.11	117.44	126.07	152.38	171.47	169.02	147.31	148.22	147.03	145.48	146.39	147.48	158.31	193.39	248.71	235.47	209.93	187.06	173.35	152.67	145.06
323594	7.41	6.93	7.06	6.68	7.19	9.57	11.41	12.66	13.16	11.78	10.53	9.27	8.87	8.23	7.98	10.68	15.86	19.00	17.06	15.56	13.45	10.50	9.43	9.14
	-51.51	-48.16	-36.74	-31.39	-33.80	-13.65	-8.30	-9.84	-9.71	-12.80	-24.48	-44.17	-47.86	-55.06	-58.13	-38.67	-27.79	-55.38	-61.94	-44.78	-36.39	-53.44	-50.84	-40.74
PJM_GEN_VFT_PROXY	114.82	115.52	110.92	108.27	110.71	124.94	151.45	170.45	168.29	155.17	147.71	139.88	134.73	134.94	139.83	164.14	220.88	270.78	247.33	208.76	185.70	172.50	151.76	134.83
323633	6.49	5.97	6.09	5.83	6.19	8.44	10.48	11.63	12.42	11.42	9.96	8.33	8.07	7.39	7.16	9.91	14.38	17.09	15.65	14.36	12.08	9.63	8.50	7.81
	-31.14	-35.76	-30.59	-31.40	-28.06	-13.65	-8.31	-9.85	-9.73	-21.03	-24.54	-37.96	-37.92	-44.45	-51.30	-45.27	-56.77	-79.36	-75.21	-44.81	-36.40	-53.45	-50.87	-31.84
PLATSBURG_115KV_PMLD1	75.96	72.82	73.27	69.77	75.54	101.93	127.76	142.87	139.71	116.47	110.15	91.72	86.61	81.11	79.58	107.21	143.00	167.53	149.75	143.61	132.00	107.22	91.11	95.18
355749	-1.24	-0.96	-0.97	-1.28	-0.92	-0.93	-4.91	-6.11	-6.43	-6.26	-3.06	-1.87	-2.13	-1.99	-1.79	-1.74	-6.74	-6.80	-6.73	-5.98	-5.21	-2.19	-1.29	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	0.00
PLEASANTVLY__LBMP	115.57	116.64	111.74	109.19	111.37	124.48	150.72	169.50	163.99	147.74	147.54	140.31	131.78	134.28	141.56	157.25	187.68	235.81	228.34	208.28	185.41	173.75	153.04	135.76
24000	5.48	5.09	5.20	4.97	5.28	7.20	9.29	10.13	10.52	9.20	8.49	7.02	6.66	6.23	6.02	7.95	11.23	13.42	12.20	11.37	9.74	7.88	6.93	6.95
	-32.89	-37.77	-32.31	-33.17	-29.64	-14.42	-8.77	-10.39	-7.33	-15.81	-25.84	-39.70	-36.39	-44.94	-54.17	-40.34	-26.71	-48.07	-59.66	-47.32	-38.45	-56.46	-53.71	-33.63
PLSNTVLE_13_KV_13.8KVDIST	114.92	115.75	111.09	108.47	110.86	124.78	151.80	170.84	165.43	148.17	147.89	139.79	131.22	133.29	140.28	156.44	186.12	226.33	222.82	208.48	185.26	172.63	151.84	135.26
80602	6.25	5.83	5.94	5.68	6.04	8.13	10.75	11.92	12.28	10.92	9.96	8.24	7.90	7.31	7.08	9.37	13.33	15.86	14.71	13.61	11.25	9.19	8.04	7.90
	-31.47	-36.14	-30.92	-31.74	-28.36	-13.80	-8.39	-9.94	-7.01	-14.52	-24.72	-37.97	-34.58	-42.88	-51.83	-38.12	-23.06	-36.14	-51.64	-45.27	-36.79	-54.03	-51.39	-32.18
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I	114.92	115.75	111.09	108.47	110.86	124.78	151.80	170.84	165.43	148.17	147.89	139.79	131.22	133.29	140.28	156.44	186.12	226.33	222.82	208.48	185.26	172.63	151.84	135.26
345020	6.25	5.83	5.94	5.68	6.04	8.13	10.75	11.92	12.28	10.92	9.96	8.24	7.90	7.31	7.08	9.37	13.33	15.86	14.71	13.61	11.25	9.19	8.04	7.90
	-31.47	-36.14	-30.92	-31.74	-28.36	-13.80	-8.39	-9.94	-7.01	-14.52	-24.72	-37.97	-34.58	-42.88	-51.83	-38.12	-23.06	-36.14	-51.64	-45.27	-36.79	-54.03	-51.39	-32.18
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G	115.94	116.76	112.07	109.28	111.78	126.09	153.31	171.79	166.49	149.35	148.25	140.30	131.73	133.73	140.72	157.25	189.36	237.99	229.52	209.62	186.28	173.68	152.76	136.01
345023	7.10	6.64	6.76	6.32	6.81	9.36	12.21	12.81	13.30	11.41	10.19	8.52	7.99	7.40	7.24	9.48	13.93	17.43	15.65	14.51	12.07	9.96	8.69	8.47
	-31.64	-36.34	-31.08	-31.90	-28.51	-13.87	-8.44	-10.00	-7.05	-15.21	-24.86	-38.19	-35.00	-43.24	-52.11	-38.81	-25.69	-46.24	-57.40	-45.52	-36.99	-54.32	-51.67	-32.35
POLETTI__	115.28	115.89	111.29	108.63	111.10	125.46	152.78	171.79	166.54	158.80	149.07	140.91	135.62	135.86	140.56	164.79	221.46	271.46	248.11	209.51	186.11	173.05	152.14	135.69
23519	6.95	6.35	6.46	6.18	6.58	8.95	11.81	12.96	13.45	12.27	11.32	9.36	8.96	8.31	7.89	10.57	14.97	17.78	16.43	15.11	12.49	10.18	8.87	8.66
	-31.14	-35.76	-30.59	-31.40	-28.06	-13.65	-8.31	-9.85	-6.95	-23.80	-24.54	-37.96	-37.92	-44.45	-51.30	-45.27	-56.75	-79.35	-75.20	-44.81	-36.40	-53.46	-50.87	-31.84
POMONA__ESR	113.29	113.91	109.49	106.84	109.36	123.85	150.50	169.21	164.10	147.70	145.77	137.39	129.42	130.91	137.31	155.04	188.43	239.49	228.31	205.85	183.47	170.00	149.35	133.36
323819	6.03	5.60	5.72	5.47	5.81	7.81	9.82	10.73	11.25	10.18	8.94	7.49	7.28	6.65	6.43	8.94	12.88	15.70	14.24	13.01	11.11	8.97	7.85	7.43
	-30.07	-34.53	-29.53	-30.32	-27.09	-13.18	-8.02	-9.50	-6.70	-14.79	-23.63	-36.31	-33.39	-41.16	-49.51	-37.15	-25.81	-49.47	-57.60	-43.25	-35.15	-51.61	-49.10	-30.74
PORT_JEFF_3	137.66	130.34	119.66	110.75	119.12	128.23	154.23	172.67	167.11	151.07	149.68	148.62	147.07	147.88	148.93	159.61	195.19	251.32	237.65	211.57	188.70	174.33	154.23	147.06
23555	8.95	8.41	8.68	8.31	8.87	11.72	13.26	13.86	14.03	12.76	11.99	10.85	10.47	9.72	9.43	11.99	17.66	21.61	19.24	17.20	15.09	11.49	10.99	11.13
	-51.51	-48.16	-36.74	-31.39	-33.80	-13.65	-8.30	-9.84	-6.94	-15.58	-24.48	-44.17	-47.86	-55.06	-58.13	-38.67	-27.79	-55.38	-61.94	-44.78	-36.39	-53.44	-50.84	-40.74
PORT_JEFF_4	137.66	130.34	119.66	110.75	119.12	128.23	154.23	172.67	167.11	151.07	149.68	148.62	147.07	147.88	148.93	159.61	195.19	251.32	237.65	211.57	188.70	174.33	154.23	147.06
23616	8.95	8.41	8.68	8.31	8.87	11.72	13.26	13.86	14.03	12.76	11.99	10.85	10.47	9.72	9.43	11.99	17.66	21.61	19.24	17.20	15.09	11.49	10.99	11.13
	-51.51	-48.16	-36.74	-31.39	-33.80	-13.65	-8.30	-9.84	-6.94	-15.58	-24.48	-44.17	-47.86	-55.06	-58.13	-38.67	-27.79	-55.38	-61.94	-44.78	-36.39	-53.44	-50.84	-40.74
PORT_JEFF_IC	137.81	130.49	119.73	110.82	119.28	128.33	154.50	173.26	167.69	151.44	149.92	148.80	147.25	148.13	149.10	159.94	195.79	252.03	238.29	212.17	189.24	174.78	154.51	147.25
23713	9.10	8.55	8.76	8.38	9.02	11.82	13.54	14.45	14.61	13.14	12.23	11.04	10.64	9.97	9.60	12.31	18.26	22.32	19.87	17.79	15.64	11.93	11.27	11.32
	-51.51	-48.16	-36.74	-31.39	-33.80	-13.65	-8.30	-9.84	-6.94	-15.58	-24.48	-44.17	-47.86	-55.06	-58.13	-38.67	-27.79	-55.38	-61.94	-44.78	-36.39	-53.44	-50.84	-40.74
PPL PILGRIM_ST_GT1	137.89	130.56	119.73	110.75	119.20	128.43	154.89	174.31	168.73	152.05	150.25	148.90	147.34	148.21	149.26	160.48	196.70	253.07	239.23	213.07	190.06	175.53	154.69	147.34
24216	9.18	8.63	8.76	8.31	8.94	11.93	13.93	15.49	15.65	13.74	12.56	11.13	10.73	10.05	9.76	12.85	19.17	23.37	20.81	18.70	16.46	12.69	11.46	11.42
	-51.51	-48.16	-36.74	-31.39	-33.80	-13.65	-8.30	-9.84	-6.94	-15.58	-24.48	-44.17	-47.86	-55.06	-58.13	-38.67	-27.79	-55.38	-61.94	-44.78	-36.39	-53.44	-50.84	-40.74
PPL PILGRIM_ST_GT2	137.89	130.56	119.73	110.75	119.20	128.43	154.89	174.31	168.73	152.05	150.25	148.90	147.34	148.21	149.26	160.48	196.70	253.07	239.23	213.07	190.06	175.53	154.69	147.34
24217	9.18	8.63	8.76	8.31	8.94	11.93	13.93	15.49	15.65	13.74	12.56	11.13	10.73	10.05	9.76	12.85	19.17	23.37	20.81	18.70	16.46	12.69	11.46	11.42
	-51.51	-48.16	-36.74	-31.39	-33.80	-13.65	-8.30	-9.84	-6.94	-15.58	-24.48	-44.17	-47.86	-55.06	-58.13	-38.67	-27.79	-55.38	-61.94	-44.78	-36.39	-53.44	-50.84	-40.74

PPL_SHRM_GT3 24213	138.35 9.65 -51.51	130.93 9.00 -48.16	120.48 9.50 -36.74	111.61 9.17 -31.39	120.13 9.87 -33.80	129.05 12.54 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	152.90 14.60 -15.58	150.92 13.24 -24.48	149.93 12.16 -44.17	148.23 11.62 -47.86	148.96 10.80 -55.06	149.83 10.33 -58.13	161.25 13.62 -38.67	197.74 20.21 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.81 19.44 -44.78	191.03 17.43 -36.39	176.19 13.34 -53.44	155.53 12.29 -50.84	148.49 12.56 -40.74
PPL_SHRM_GT4 24214	138.35 9.65 -51.51	130.93 9.00 -48.16	120.48 9.50 -36.74	111.61 9.17 -31.39	120.13 9.87 -33.80	129.05 12.54 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	152.90 14.60 -15.58	150.92 13.24 -24.48	149.93 12.16 -44.17	148.23 11.62 -47.86	148.96 10.80 -55.06	149.83 10.33 -58.13	161.25 13.62 -38.67	197.74 20.21 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.81 19.44 -44.78	191.03 17.43 -36.39	176.19 13.34 -53.44	155.53 12.29 -50.84	148.49 12.56 -40.74
PROJECT___ORANGE 1 24174	80.02 0.00 -2.83	77.03 0.00 -3.25	76.94 -0.07 -2.78	73.90 0.00 -2.85	78.93 -0.08 -2.55	103.89 -0.21 -1.24	133.15 -0.27 -0.75	148.83 -1.04 -0.89	145.90 -0.88 -0.63	123.72 -0.37 -1.36	115.08 -0.34 -2.22	96.91 -0.09 -3.41	91.79 -0.09 -3.13	86.89 -0.08 -3.87	85.95 -0.08 -4.66	112.10 -0.33 -3.47	151.59 -0.45 -2.30	178.29 -0.17 -4.14	161.92 0.31 -5.13	153.51 -0.15 -4.07	139.98 -0.55 -3.31	113.83 -0.44 -4.86	96.73 -0.28 -4.61	97.88 -0.19 -2.88
PROJECT___ORANGE 2 24166	80.02 0.00 -2.83	77.03 0.00 -3.25	76.94 -0.07 -2.78	73.90 0.00 -2.85	78.93 -0.08 -2.55	103.89 -0.21 -1.24	133.15 -0.27 -0.75	148.83 -1.04 -0.89	145.90 -0.88 -0.63	123.72 -0.37 -1.36	115.08 -0.34 -2.22	96.91 -0.09 -3.41	91.79 -0.09 -3.13	86.89 -0.08 -3.87	85.95 -0.08 -4.66	112.10 -0.33 -3.47	151.59 -0.45 -2.30	178.29 -0.17 -4.14	161.92 0.31 -5.13	153.51 -0.15 -4.07	139.98 -0.55 -3.31	113.83 -0.44 -4.86	96.73 -0.28 -4.61	97.88 -0.19 -2.88
PUCKETT___SOLAR 323809	90.71 3.09 -10.43	88.71 2.95 -11.98	87.45 2.97 -10.24	84.48 2.91 -10.51	88.99 3.14 -9.40	111.75 4.32 -4.57	141.55 6.11 -2.78	158.24 5.97 -3.30	154.02 5.55 -2.32	132.77 5.03 -5.01	125.59 4.19 -8.19	109.64 3.46 -12.59	103.58 3.29 -11.55	100.45 3.08 -14.27	101.58 3.01 -17.20	126.13 4.36 -12.81	165.11 6.89 -8.48	198.30 8.71 -15.26	184.02 8.60 -18.95	171.65 7.03 -15.03	155.74 6.32 -12.21	132.38 5.04 -17.93	113.52 4.06 -17.06	110.24 4.38 -10.68
PYRITES___HYD 24023	72.79 -4.40 0.00	69.57 -4.21 0.00	70.08 -4.16 0.00	67.00 -4.05 0.00	72.33 -4.13 0.00	97.51 -5.35 0.00	126.16 -6.50 0.00	146.00 -2.98 0.00	143.08 -3.07 0.00	117.69 -5.03 0.00	109.35 -3.85 0.00	90.60 -2.99 0.00	85.64 -3.11 0.00	80.19 -2.91 0.00	78.36 -3.01 0.00	105.47 -3.49 0.00	143.45 -6.29 0.00	169.09 -5.23 0.00	149.28 -7.20 0.00	142.86 -6.73 0.00	131.45 -5.76 0.00	104.71 -4.70 0.00	88.52 -3.88 0.00	90.90 -4.28 0.00
QUAKERRD_115KV_BK1 80622	78.45 -2.39 -3.65	75.53 -2.43 -4.19	75.30 -2.52 -3.58	72.45 -2.27 -3.68	77.15 -2.60 -3.29	101.16 -3.29 -1.60	128.60 -5.04 -0.97	142.38 -7.75 -1.15	139.36 -7.60 -0.81	118.96 -5.52 -1.75	110.75 -5.32 -2.87	93.78 -4.21 -4.40	88.87 -3.90 -4.03	84.34 -3.74 -4.98	83.71 -3.66 -6.00	107.87 -5.56 -4.47	145.81 -6.89 -2.96	172.33 -7.32 -5.32	157.13 -5.95 -6.61	148.70 -6.13 -5.24	134.89 -6.59 -4.26	110.41 -5.25 -6.25	94.27 -4.07 -5.94	95.28 -3.62 -3.72
QUENSBRY_115KV_TB8 356137	123.44 6.56 -39.68	125.62 6.27 -45.57	119.45 6.24 -38.98	116.96 5.90 -40.01	118.56 6.35 -35.76	129.10 8.85 -17.40	155.85 12.60 -10.58	174.78 13.26 -12.54	168.28 13.30 -8.84	153.22 11.41 -19.08	154.68 10.30 -31.18	149.82 8.33 -47.90	140.63 7.99 -43.90	144.63 7.31 -54.22	153.96 7.24 -65.35	167.32 9.70 -48.67	194.54 12.58 -32.22	247.83 15.51 -57.99	242.54 14.08 -71.98	219.69 13.01 -57.08	195.40 11.80 -46.39	186.93 9.41 -68.12	164.59 7.39 -64.80	143.09 7.33 -40.57
RAMAPO___LBMP 323565	112.89 5.71 -29.98	113.52 5.31 -34.43	109.11 5.42 -29.45	106.46 5.19 -30.23	108.98 5.51 -27.01	123.41 7.41 -13.15	150.48 9.82 -7.99	169.18 10.73 -9.47	163.93 11.11 -6.68	147.53 10.06 -14.74	145.71 8.94 -23.56	137.19 7.39 -36.20	129.14 7.10 -33.30	130.70 6.56 -41.04	137.01 6.27 -49.37	154.27 8.28 -37.04	187.41 11.98 -25.70	237.77 14.29 -49.15	227.11 13.30 -57.34	204.99 12.27 -43.13	182.42 10.15 -35.05	169.19 8.32 -51.47	148.66 7.30 -48.96	133.07 7.23 -30.66
RANKINE____ 23646	79.14 -3.09 -5.03	76.61 -2.95 -5.78	76.06 -3.12 -4.94	73.28 -2.84 -5.07	77.48 -3.52 -4.53	100.74 -4.32 -2.21	126.58 -7.43 -1.34	137.46 -13.11 -1.59	134.26 -13.01 -1.12	115.70 -9.45 -2.42	107.65 -9.51 -3.96	92.55 -7.11 -6.08	88.02 -6.30 -5.57	83.92 -6.07 -6.89	83.65 -6.02 -8.30	105.88 -9.26 -6.18	142.30 -11.53 -4.09	168.61 -13.07 -7.36	155.29 -10.33 -9.14	146.37 -10.47 -7.25	131.99 -11.11 -5.89	109.75 -8.32 -8.65	94.98 -5.64 -8.22	96.24 -4.09 -5.15
RAVENSWOOD_GT2_1 24244	115.36 7.02 -31.14	116.04 6.49 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.56 9.05 -13.66	152.92 11.94 -8.31	172.09 13.26 -9.85	166.84 13.74 -9.85	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.78 8.76 -31.84
RAVENSWOOD_GT2_2 24245	115.36 7.02 -31.14	116.04 6.49 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.56 9.05 -13.66	152.92 11.94 -8.31	172.09 13.26 -9.85	166.84 13.74 -9.85	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.78 8.76 -31.84
RAVENSWOOD_GT2_3 24246	115.36 7.02 -31.14	116.04 6.49 -35.76	111.44 6.61 -30.59	108.77 6.32 -31.40	111.25 6.73 -28.06	125.66 9.15 -13.66	152.92 11.94 -8.31	172.09 13.26 -9.85	166.84 13.74 -9.85	160.69 12.27 -25.69	148.97 11.21 -24.56	140.90 9.27 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.20 10.46 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.99 16.27 -78.25	209.52 15.11 -44.82	186.25 12.62 -36.41	173.05 10.18 -53.47	152.24 8.96 -50.87	135.78 8.76 -31.84
RAVENSWOOD_GT2_4 24247	115.36 7.02 -31.14	116.04 6.49 -35.76	111.44 6.61 -30.59	108.77 6.32 -31.40	111.25 6.73 -28.06	125.66 9.15 -13.66	152.92 11.94 -8.31	172.09 13.26 -9.85	166.84 13.74 -9.85	160.69 12.27 -25.69	148.97 11.21 -24.56	140.90 9.27 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.20 10.46 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.99 16.27 -78.25	209.52 15.11 -44.82	186.25 12.62 -36.41	173.05 10.18 -53.47	152.24 8.96 -50.87	135.78 8.76 -31.84
RAVENSWOOD_GT3_1 24248	115.36 7.02 -31.14	116.04 6.49 -35.76	111.44 6.61 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.56 9.05 -13.66	152.92 11.94 -8.31	172.09 13.26 -9.85	166.84 13.74 -9.85	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.24 8.96 -50.87	135.78 8.76 -31.84

RAVENSWOOD_GT3_2 24249	115.36 7.02 -31.14	116.04 6.49 -35.76	111.44 6.61 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.56 9.05 -13.66	152.92 11.94 -8.31	172.09 13.26 -9.85	166.84 13.74 -6.95	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.24 8.96 -50.87	135.78 8.76 -31.84
RAVENSWOOD_GT3_3 24250	115.44 7.10 -31.14	116.11 6.57 -35.76	111.51 6.68 -30.59	108.77 6.32 -31.40	111.33 6.81 -28.06	125.77 9.26 -13.66	153.05 12.07 -8.31	172.23 13.41 -9.85	166.98 13.88 -6.95	160.82 12.40 -25.69	149.08 11.32 -24.56	140.99 9.36 -38.04	136.28 8.87 -38.66	136.19 8.23 -44.86	140.65 7.97 -51.31	166.31 10.57 -46.78	228.11 14.97 -63.40	276.96 17.78 -84.85	251.15 16.43 -78.25	209.67 15.26 -44.82	186.25 12.62 -36.41	173.16 10.28 -53.47	152.33 9.06 -50.87	135.88 8.85 -31.84
RAVENSWOOD_GT3_4 24251	115.44 7.10 -31.14	116.11 6.57 -35.76	111.51 6.68 -30.59	108.77 6.32 -31.40	111.33 6.81 -28.06	125.77 9.26 -13.66	153.05 12.07 -8.31	172.23 13.41 -9.85	166.98 13.88 -6.95	160.82 12.40 -25.69	149.08 11.32 -24.56	140.99 9.36 -38.04	136.28 8.87 -38.66	136.19 8.23 -44.86	140.65 7.97 -51.31	166.31 10.57 -46.78	228.11 14.97 -63.40	276.96 17.78 -84.85	251.15 16.43 -78.25	209.67 15.26 -44.82	186.25 12.62 -36.41	173.16 10.28 -53.47	152.33 9.06 -50.87	135.88 8.85 -31.84
RAVENSWOOD_GT_1 23729	115.84 7.49 -31.15	116.49 6.94 -35.77	111.82 6.98 -30.60	109.14 6.68 -31.41	111.64 7.11 -28.07	126.19 9.67 -13.66	153.71 12.74 -8.31	172.83 14.00 -9.85	167.27 14.18 -6.95	161.18 12.76 -25.69	149.31 11.55 -24.56	141.18 9.55 -38.04	136.45 9.05 -38.66	136.44 8.48 -44.86	140.89 8.22 -51.31	166.52 10.79 -46.78	228.41 15.27 -63.40	277.13 17.96 -84.85	251.15 16.43 -78.25	209.82 15.41 -44.82	186.52 12.90 -36.41	173.38 10.50 -53.47	152.61 9.33 -50.87	136.36 9.33 -31.85
RAVENSWOOD_GT_10 24258	115.36 7.02 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.92 11.94 -8.31	172.09 13.26 -9.85	166.69 13.59 -6.95	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.69 8.66 -31.84
RAVENSWOOD_GT_11 24259	115.36 7.02 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.92 11.94 -8.31	172.09 13.26 -9.85	166.69 13.59 -6.95	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.69 8.66 -31.84
RAVENSWOOD_GT_4 24252	115.28 6.95 -31.14	115.96 6.42 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.45 8.95 -13.65	152.78 11.81 -8.31	171.94 13.11 -9.85	166.69 13.59 -6.95	160.57 12.15 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.10 8.70 -38.66	136.10 8.14 -44.86	140.49 7.81 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.68 8.66 -31.84
RAVENSWOOD_GT_5 24254	115.28 6.95 -31.14	115.96 6.42 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.45 8.95 -13.65	152.78 11.81 -8.31	171.94 13.11 -9.85	166.69 13.59 -6.95	160.57 12.15 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.10 8.70 -38.66	136.10 8.14 -44.86	140.49 7.81 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.68 8.66 -31.84
RAVENSWOOD_GT_6 24253	115.28 6.95 -31.14	115.96 6.42 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.45 8.95 -13.65	152.78 11.81 -8.31	171.94 13.11 -9.85	166.69 13.59 -6.95	160.57 12.15 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.10 8.70 -38.66	136.10 8.14 -44.86	140.49 7.81 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.68 8.66 -31.84
RAVENSWOOD_GT_7 24255	115.28 6.95 -31.14	115.96 6.42 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.45 8.95 -13.65	152.78 11.81 -8.31	171.94 13.11 -9.85	166.69 13.59 -6.95	160.57 12.15 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.10 8.70 -38.66	136.10 8.14 -44.86	140.49 7.81 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.68 8.66 -31.84
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	115.36 7.02 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.92 11.94 -8.31	172.09 13.26 -9.85	166.69 13.59 -6.95	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.69 8.66 -31.84
RAVENSWOOD_GT_9 24257	115.36 7.02 -31.14	115.96 6.42 -35.76	111.36 6.53 -30.59	108.70 6.25 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.92 11.94 -8.31	172.09 13.26 -9.85	166.69 13.59 -6.95	160.69 12.27 -25.69	148.86 11.09 -24.56	140.81 9.17 -38.04	136.19 8.79 -38.66	136.10 8.14 -44.86	140.57 7.89 -51.31	166.09 10.35 -46.78	227.96 14.82 -63.40	276.78 17.61 -84.85	250.84 16.12 -78.25	209.37 14.96 -44.82	186.11 12.49 -36.41	173.05 10.18 -53.47	152.15 8.87 -50.87	135.69 8.66 -31.84
RAVENSWOOD___1 23533	115.76 7.41 -31.15	116.42 6.86 -35.77	111.81 6.98 -30.60	109.13 6.68 -31.41	111.64 7.11 -28.07	126.18 9.67 -13.66	152.65 11.68 -8.31	171.64 12.81 -9.85	166.69 13.59 -6.95	160.69 12.27 -25.69	148.74 10.98 -24.56	140.81 9.18 -38.04	136.19 8.79 -38.66	136.19 8.23 -44.86	140.57 7.89 -51.31	166.74 11.00 -46.78	229.00 15.86 -63.40	277.84 18.66 -84.85	251.78 17.06 -78.24	210.11 15.70 -44.82	187.08 13.45 -36.40	173.71 10.83 -53.47	152.79 9.52 -50.87	136.08 9.05 -31.85
RAVENSWOOD___2 23534	115.76 7.41 -31.15	116.42 6.86 -35.77	111.81 6.98 -30.60	109.07 6.61 -31.41	111.64 7.11 -28.07	126.08 9.57 -13.66	152.51 11.54 -8.31	171.64 12.81 -9.85	166.53 13.44 -6.95	160.69 12.27 -25.69	148.74 10.98 -24.56	140.81 9.18 -38.04	136.19 8.79 -38.66	136.11 8.15 -44.86	140.57 7.89 -51.31	166.63 10.89 -46.78	228.85 15.72 -63.40	277.84 18.66 -84.85	251.62 16.90 -78.24	209.96 15.56 -44.82	187.08 13.45 -36.40	173.61 10.73 -53.47	152.79 9.52 -50.87	136.08 9.05 -31.85
RAVENSWOOD___3 23535	115.36 7.02 -31.14	116.04 6.49 -35.76	111.43 6.60 -30.59	108.70 6.25 -31.40	111.25 6.73 -28.06	125.56 9.05 -13.66	152.25 11.27 -8.31	171.19 12.36 -9.85	166.10 13.00 -6.95	160.32 11.90 -25.69	148.29 10.53 -24.56	140.43 8.79 -38.04	135.92 8.52 -38.66	135.86 7.90 -44.86	140.24 7.57 -51.31	166.20 10.46 -46.78	228.25 15.12 -63.40	277.30 18.13 -84.85	251.14 16.43 -78.24	209.51 15.10 -44.82	186.66 13.04 -36.40	173.28 10.40 -53.47	152.42 9.15 -50.87	135.60 8.57 -31.84

RAVENSWOOD___4 23820	115.76 7.41 -31.15	116.34 6.78 -35.77	111.74 6.91 -30.60	109.07 6.61 -31.41	111.64 7.11 -28.07	126.08 9.57 -13.66	152.51 11.54 -8.31	171.48 12.66 -9.85	166.53 13.44 -6.95	160.69 12.27 -25.69	148.63 10.87 -24.56	140.71 9.08 -38.04	136.19 8.79 -38.66	136.11 8.15 -44.86	140.49 7.81 -51.31	166.63 10.89 -46.78	228.85 15.72 -63.40	277.64 18.47 -84.85	251.62 16.90 -78.24	209.96 15.56 -44.82	187.08 13.45 -36.40	173.61 10.73 -53.47	152.79 9.52 -50.87	135.98 8.94 -31.85
RCPI_TRUST___DRP 24196	115.28 6.95 -31.14	115.88 6.35 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.17 6.65 -28.06	125.56 9.05 -13.65	152.91 11.94 -8.31	172.08 13.26 -9.84	166.83 13.74 -6.95	156.84 12.40 -21.72	148.93 11.21 -24.52	140.73 9.27 -37.87	134.71 8.87 -37.09	135.33 8.23 -44.00	140.55 7.89 -51.29	163.12 10.57 -43.59	214.26 15.12 -49.40	265.55 17.96 -73.27	244.74 16.43 -71.84	209.50 15.11 -44.80	186.10 12.49 -36.40	173.04 10.18 -53.46	152.13 8.87 -50.86	135.59 8.57 -31.84
RED___ROCHESTER 323720	80.49 -0.46 -3.75	77.43 -0.67 -4.31	77.11 -0.81 -3.69	74.26 -0.57 -3.79	79.00 -0.84 -3.38	103.79 -0.71 -1.65	132.34 -1.33 -1.00	146.15 -4.02 -1.19	142.60 -4.38 -0.84	122.20 -2.34 -1.80	113.89 -2.26 -2.95	96.15 -1.97 -4.53	91.20 -1.69 -4.14	86.56 -1.66 -5.12	85.91 -1.63 -6.17	110.06 -3.49 -4.59	149.04 -3.74 -3.04	175.80 -4.00 -5.47	160.61 -2.66 -6.80	150.34 -4.64 -5.39	137.61 -3.98 -4.38	112.89 -2.95 -6.43	96.40 -2.12 -6.12	97.77 -1.24 -3.83
REGAN___SOLAR 323812	131.26 10.50 -43.57	134.15 10.33 -50.04	127.35 10.32 -42.80	124.43 9.45 -43.93	125.66 9.94 -39.26	136.16 14.20 -19.10	164.32 20.03 -11.62	183.31 20.57 -13.77	175.72 19.87 -9.71	160.49 16.81 -20.95	162.38 14.94 -34.23	158.17 11.98 -52.59	148.57 11.62 -48.20	153.28 10.64 -59.54	163.63 10.50 -71.76	177.44 15.04 -53.45	207.73 22.61 -35.38	265.72 27.72 -63.67	260.71 25.20 -79.04	235.60 23.33 -62.68	209.70 21.54 -50.94	202.05 17.84 -74.80	177.51 13.95 -71.15	153.53 13.80 -44.56
RENSSELAER___COGEN 23796	118.60 3.01 -38.40	120.75 2.87 -44.09	114.77 2.82 -37.71	112.46 2.70 -38.71	113.96 2.90 -34.59	123.60 3.91 -16.83	147.94 5.04 -10.24	166.32 5.21 -12.13	159.95 5.25 -8.55	145.60 4.41 -18.46	147.44 4.07 -30.17	143.30 3.36 -46.34	134.41 3.19 -42.47	138.64 3.08 -52.46	147.61 3.01 -63.23	159.43 3.38 -47.09	185.56 4.65 -31.18	235.84 5.41 -56.11	230.98 4.86 -69.65	209.31 4.48 -55.23	186.36 4.26 -44.88	178.71 3.40 -65.91	157.97 2.87 -62.70	137.40 2.95 -39.26
REPUBLIC_115KV_BARTNBRK 55605	126.12 9.26 -39.66	128.18 8.85 -45.54	121.95 8.76 -38.96	119.35 8.31 -39.99	121.06 8.87 -35.73	132.69 12.45 -17.39	161.41 18.17 -10.57	180.88 19.37 -12.53	174.56 16.57 -8.83	158.36 16.57 -19.07	159.31 14.94 -31.16	153.35 11.89 -47.87	143.88 11.27 -43.87	147.68 10.39 -54.19	156.93 10.25 -65.31	171.44 13.84 -48.64	201.11 19.17 -32.20	255.81 23.53 -57.95	249.85 21.44 -71.94	226.68 20.05 -57.05	201.55 17.98 -46.36	191.71 14.22 -68.07	168.25 11.09 -64.76	146.77 11.04 -40.55
REVERE_CPPR_DRP 24186	82.24 3.47 -1.58	78.84 3.25 -1.81	79.05 3.27 -1.55	75.83 3.20 -1.59	81.47 3.59 -1.42	108.69 5.14 -0.69	140.51 7.43 -0.42	157.67 8.19 -0.50	154.68 8.18 -0.35	130.72 7.24 -0.76	121.12 6.68 -1.24	101.11 5.62 -1.90	95.77 5.24 -1.79	90.30 4.99 -2.21	88.83 4.80 -2.66	117.48 6.54 -1.98	160.48 9.43 -1.31	188.19 11.51 -2.36	170.05 10.64 -2.93	161.34 9.42 -2.33	147.34 8.23 -1.89	118.75 6.56 -2.78	100.26 5.17 -2.68	102.10 5.24 -1.68
REYNOLDS_115KV_TB3 80639	119.13 3.47 -38.46	121.20 3.25 -44.17	115.28 3.27 -37.78	112.96 3.13 -38.78	114.48 3.36 -34.66	124.24 4.53 -16.86	148.36 5.44 -10.25	166.79 5.66 -12.15	160.41 5.70 -8.57	146.00 4.79 -18.49	147.84 4.41 -30.22	143.76 3.74 -46.43	134.91 3.64 -42.53	139.04 3.41 -52.53	148.02 3.34 -63.31	160.47 4.36 -47.16	186.95 5.99 -31.22	237.65 7.15 -56.18	232.63 6.42 -69.74	210.88 5.98 -55.30	187.65 5.49 -44.94	179.89 4.49 -66.00	158.97 3.79 -62.78	138.49 4.00 -39.31
RIVERBAY____ 323610	116.76 8.41 -31.15	117.37 7.82 -35.77	112.85 8.02 -30.60	110.13 7.67 -31.41	112.63 8.10 -28.07	127.73 11.21 -13.66	155.44 14.46 -8.31	174.62 15.79 -9.85	168.30 15.20 -6.95	151.57 13.25 -15.59	149.80 12.11 -24.48	141.23 10.01 -37.63	132.94 9.50 -34.70	134.69 8.89 -42.69	141.37 8.71 -51.30	159.09 11.44 -38.70	194.78 16.17 -28.87	272.52 18.83 -79.37	248.75 17.06 -75.22	210.56 16.16 -44.82	187.21 13.58 -36.41	174.04 11.16 -53.47	153.16 9.89 -50.87	137.51 10.47 -31.85
RIVERSDE_115KV_TB3 55908	119.06 3.32 -38.55	121.15 3.10 -44.27	115.22 3.12 -37.86	112.90 2.98 -38.87	114.40 3.21 -34.73	124.08 4.32 -16.90	147.98 5.04 -10.28	166.07 4.92 -12.18	159.70 4.97 -8.59	145.55 4.30 -18.53	147.34 3.85 -30.29	143.40 3.28 -46.53	134.63 3.19 -42.70	138.75 2.91 -52.74	147.78 2.85 -63.56	160.00 3.70 -47.34	186.32 5.24 -31.34	237.00 6.28 -56.40	232.12 5.63 -70.01	210.35 5.24 -55.52	187.14 4.80 -45.12	179.60 3.94 -66.25	158.66 3.23 -63.03	137.98 3.33 -39.47
ROARING___BROOK_WT_PWR 323790	75.81 -1.39 0.00	72.53 -1.25 0.00	72.98 -1.26 0.00	69.77 -1.28 0.00	75.16 -1.30 0.00	101.20 -1.65 0.00	130.41 -2.26 0.00	146.89 -2.09 0.00	144.10 -2.05 0.00	120.64 -2.09 0.00	111.51 -1.69 0.00	92.19 -1.40 0.00	87.32 -1.42 0.00	81.86 -1.24 0.00	80.15 -1.22 0.00	107.43 -1.53 0.00	147.50 -2.24 0.00	171.71 -2.61 0.00	153.81 -2.66 0.00	147.35 -2.24 0.00	135.16 -2.05 0.00	107.77 -1.64 0.00	91.02 -1.38 0.00	93.76 -1.43 0.00
ROCHESRG_115KV_T4 355643	79.61 -1.31 -3.73	76.66 -1.40 -4.28	76.41 -1.48 -3.66	73.53 -1.28 -3.76	78.21 -1.61 -3.36	102.64 -1.85 -1.63	130.21 -3.45 -0.99	143.45 -6.70 -1.18	140.40 -6.58 -0.83	120.10 -4.42 -1.79	111.60 -4.53 -2.93	94.62 -3.46 -4.50	89.76 -3.11 -4.12	85.28 -2.91 -5.09	84.57 -2.93 -6.13	108.73 -4.79 -4.57	147.07 -5.69 -3.02	173.84 -5.93 -5.44	158.53 -4.69 -6.76	150.16 -4.79 -5.36	136.08 -5.49 -4.35	111.54 -4.27 -6.39	95.52 -2.96 -6.07	96.70 -2.28 -3.80
ROCHESTER_9_IC 23652	80.10 -0.85 -3.75	77.13 -0.96 -4.31	76.81 -1.11 -3.69	73.98 -0.85 -3.79	78.70 -1.15 -3.38	103.27 -1.23 -1.65	131.01 -2.65 -1.00	144.50 -5.66 -1.19	141.43 -5.55 -0.84	120.97 -3.56 -1.80	112.53 -3.62 -2.95	95.41 -2.71 -4.53	90.41 -2.48 -4.15	85.82 -2.41 -5.13	85.19 -2.36 -6.18	109.42 -4.14 -4.60	148.14 -4.64 -3.05	175.28 -4.53 -5.48	159.84 -3.44 -6.81	151.25 -3.74 -5.40	137.07 -4.53 -4.39	112.35 -3.50 -6.44	96.12 -2.40 -6.12	97.30 -1.71 -3.83
ROCKVIEW_13_KV_LD 356306	115.06 6.72 -31.15	115.74 6.20 -35.77	111.14 6.31 -30.59	108.42 5.97 -31.40	110.95 6.42 -28.06	125.15 8.64 -13.66	152.38 11.41 -8.30	171.63 12.81 -9.84	166.38 13.30 -6.94	150.37 11.90 -15.74	148.55 10.87 -24.48	140.20 8.98 -37.63	132.02 8.52 -34.76	133.72 7.89 -42.72	140.31 7.65 -51.29	157.91 10.13 -38.82	193.68 14.52 -29.42	271.42 17.26 -79.84	247.76 15.80 -75.48	209.05 14.66 -44.80	185.70 12.07 -36.41	172.72 9.85 -53.46	151.95 8.69 -50.86	135.40 8.38 -31.85
ROME____115KV_TB2 80656	82.24 3.47 -1.58	78.84 3.25 -1.81	79.05 3.27 -1.55	75.83 3.20 -1.59	81.47 3.59 -1.42	108.69 5.14 -0.69	140.51 7.43 -0.42	157.67 8.19 -0.50	154.68 8.18 -0.35	130.72 7.24 -0.76	121.12 6.68 -1.24	101.11 5.62 -1.90	95.77 5.24 -1.79	90.30 4.99 -2.21	88.83 4.80 -2.66	117.48 6.54 -1.98	160.48 9.43 -1.31	188.19 11.51 -2.36	170.05 10.64 -2.93	161.34 9.42 -2.33	147.34 8.23 -1.89	118.75 6.56 -2.78	100.26 5.17 -2.68	102.10 5.24 -1.68

ROSETON___1 23587	113.98 5.40 -31.38	114.84 5.02 -36.04	110.18 5.12 -30.83	107.59 4.90 -31.64	109.94 5.20 -28.28	123.61 7.00 -13.76	149.79 8.75 -8.37	168.44 9.54 -9.92	163.08 9.94 -6.99	146.65 8.84 -15.09	145.78 7.92 -24.66	138.12 6.65 -37.88	129.85 6.39 -34.71	131.88 5.90 -42.88	138.82 5.78 -51.68	155.40 7.95 -38.49	186.60 11.37 -25.48	233.79 13.61 -45.86	225.76 12.36 -56.92	206.10 11.36 -45.14	183.78 9.89 -36.68	171.16 7.88 -53.87	150.58 6.93 -51.24	133.93 6.66 -32.09
ROSETON___2 23588	113.98 5.40 -31.38	114.84 5.02 -36.04	110.18 5.12 -30.83	107.59 4.90 -31.64	109.94 5.20 -28.28	123.61 7.00 -13.76	149.79 8.75 -8.37	168.44 9.54 -9.92	163.08 9.94 -6.99	146.65 8.84 -15.09	145.78 7.92 -24.66	138.12 6.65 -37.88	129.85 6.39 -34.71	131.88 5.90 -42.88	138.82 5.78 -51.68	155.40 7.95 -38.49	186.60 11.37 -25.48	233.79 13.61 -45.86	225.76 12.36 -56.92	206.10 11.36 -45.14	183.78 9.89 -36.68	171.16 7.88 -53.87	150.58 6.93 -51.24	133.93 6.66 -32.09
ROTRDAM_115KV_TB3 80664	120.90 3.63 -40.08	123.27 3.47 -46.02	117.09 3.49 -39.36	114.79 3.34 -40.41	116.09 3.52 -36.11	125.16 4.73 -17.57	149.72 6.37 -10.68	168.34 6.70 -12.66	161.79 6.72 -8.93	147.76 5.77 -19.27	150.01 5.32 -31.49	146.36 4.40 -48.37	137.25 4.17 -44.33	141.77 3.91 -54.76	151.19 3.82 -66.00	163.23 5.12 -49.16	189.32 7.04 -32.55	241.43 8.54 -58.57	236.84 7.67 -72.70	214.42 7.18 -57.65	190.65 6.59 -46.85	183.46 5.25 -68.80	162.19 4.34 -65.44	140.64 4.47 -40.98
RUSSELL___1 23602	80.48 -0.46 -3.75	77.43 -0.66 -4.31	77.11 -0.82 -3.69	74.26 -0.57 -3.79	79.00 -0.84 -3.38	103.78 -0.72 -1.65	131.68 -1.99 -1.00	145.25 -4.92 -1.19	142.16 -4.82 -0.84	121.71 -2.82 -1.80	113.21 -2.94 -2.95	95.97 -2.15 -4.53	90.85 -2.04 -4.15	86.32 -1.91 -5.13	85.60 -1.95 -6.18	109.96 -3.60 -4.60	149.04 -3.74 -3.05	176.32 -3.49 -5.48	160.93 -2.35 -6.81	152.30 -2.69 -5.40	137.90 -3.70 -4.39	113.01 -2.84 -6.44	96.49 -2.03 -6.12	97.78 -1.24 -3.83
RUSSELL___2 23532	80.48 -0.46 -3.75	77.43 -0.66 -4.31	77.11 -0.82 -3.69	74.26 -0.57 -3.79	79.00 -0.84 -3.38	103.78 -0.72 -1.65	131.68 -1.99 -1.00	145.25 -4.92 -1.19	142.16 -4.82 -0.84	121.71 -2.82 -1.80	113.21 -2.94 -2.95	95.97 -2.15 -4.53	90.85 -2.04 -4.15	86.32 -1.91 -5.13	85.60 -1.95 -6.18	109.96 -3.60 -4.60	149.04 -3.74 -3.05	176.32 -3.49 -5.48	160.93 -2.35 -6.81	152.30 -2.69 -5.40	137.90 -3.70 -4.39	113.01 -2.84 -6.44	96.49 -2.03 -6.12	97.78 -1.24 -3.83
RUSSELL___3 23549	80.48 -0.46 -3.75	77.43 -0.66 -4.31	77.11 -0.82 -3.69	74.26 -0.57 -3.79	79.00 -0.84 -3.38	103.78 -0.72 -1.65	131.68 -1.99 -1.00	145.25 -4.92 -1.19	142.16 -4.82 -0.84	121.71 -2.82 -1.80	113.21 -2.94 -2.95	95.97 -2.15 -4.53	90.85 -2.04 -4.15	86.32 -1.91 -5.13	85.60 -1.95 -6.18	109.96 -3.60 -4.60	149.04 -3.74 -3.05	176.32 -3.49 -5.48	160.93 -2.35 -6.81	152.30 -2.69 -5.40	137.90 -3.70 -4.39	113.01 -2.84 -6.44	96.49 -2.03 -6.12	97.78 -1.24 -3.83
RUSSELL___4 23556	80.48 -0.46 -3.75	77.43 -0.66 -4.31	77.11 -0.82 -3.69	74.26 -0.57 -3.79	79.00 -0.84 -3.38	103.78 -0.72 -1.65	131.68 -1.99 -1.00	145.25 -4.92 -1.19	142.16 -4.82 -0.84	121.71 -2.82 -1.80	113.21 -2.94 -2.95	95.97 -2.15 -4.53	90.85 -2.04 -4.15	86.32 -1.91 -5.13	85.60 -1.95 -6.18	109.96 -3.60 -4.60	149.04 -3.74 -3.05	176.32 -3.49 -5.48	160.93 -2.35 -6.81	152.30 -2.69 -5.40	137.90 -3.70 -4.39	113.01 -2.84 -6.44	96.49 -2.03 -6.12	97.78 -1.24 -3.83
RUSSELL___STATION 23914	80.48 -0.46 -3.75	77.43 -0.66 -4.31	77.11 -0.82 -3.69	74.26 -0.57 -3.79	79.00 -0.84 -3.38	103.78 -0.72 -1.65	131.68 -1.99 -1.00	145.25 -4.92 -1.19	142.16 -4.82 -0.84	121.71 -2.82 -1.80	113.21 -2.94 -2.95	95.97 -2.15 -4.53	90.85 -2.04 -4.15	86.32 -1.91 -5.13	85.60 -1.95 -6.18	109.96 -3.60 -4.60	149.04 -3.74 -3.05	176.32 -3.49 -5.48	160.93 -2.35 -6.81	152.30 -2.69 -5.40	137.90 -3.70 -4.39	113.01 -2.84 -6.44	96.49 -2.03 -6.12	97.78 -1.24 -3.83
S SALMON___HYD 24043	78.82 -0.70 -2.32	75.71 -0.74 -2.67	75.78 -0.74 -2.28	72.75 -0.64 -2.34	77.94 -0.61 -2.09	102.94 -0.93 -1.02	132.22 -1.07 -0.62	148.22 -1.49 -0.73	145.06 -1.60 -0.52	122.99 -0.85 -1.12	114.24 -0.79 -1.82	95.83 -0.56 -2.80	90.87 -0.35 -2.48	85.91 -0.25 -3.06	84.81 -0.24 -3.69	111.38 -0.33 -2.75	151.26 -0.30 -1.82	177.95 0.35 -3.27	161.16 0.63 -4.06	152.51 -0.30 -3.22	139.42 -0.41 -2.62	112.93 -0.33 -3.84	95.51 -0.55 -3.66	96.90 -0.57 -2.29
S.PERRY__115KV_TB1 80734	84.73 2.16 -5.37	81.72 1.77 -6.17	81.22 1.71 -5.28	78.24 1.78 -5.42	83.06 1.76 -4.84	108.29 3.09 -2.36	137.55 3.45 -1.43	151.57 0.89 -1.70	147.63 0.29 -1.20	126.17 0.86 -2.58	117.76 0.34 -4.22	100.45 0.37 -6.48	95.05 0.35 -5.95	90.70 0.25 -7.35	90.71 0.49 -8.86	115.88 0.33 -6.60	156.65 2.55 -4.37	187.24 5.06 -7.86	171.71 5.48 -9.76	161.67 4.34 -7.74	146.11 2.61 -6.29	120.50 1.86 -9.23	102.75 1.57 -8.77	103.06 2.38 -5.49
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	78.55 -3.47 -4.83	76.01 -3.32 -5.55	75.50 -3.49 -4.75	72.72 -3.20 -4.87	76.84 -3.98 -4.35	100.04 -4.94 -2.12	125.46 -8.49 -1.29	136.06 -14.45 -1.53	132.90 -14.32 -1.08	114.50 -10.55 -2.33	106.47 -10.53 -3.80	91.47 -7.96 -5.84	87.00 -7.10 -5.35	82.98 -6.73 -6.61	82.67 -6.67 -7.97	104.65 -10.24 -5.94	140.64 -13.03 -3.93	166.58 -14.82 -7.07	153.21 -12.05 -8.78	144.74 -11.82 -6.96	130.39 -12.49 -5.66	108.42 -9.30 -8.31	93.92 -6.38 -7.89	95.27 -4.85 -4.94
SAWYER___23_KV_LOAD 55526	78.55 -3.47 -4.83	76.01 -3.32 -5.55	75.50 -3.49 -4.75	72.72 -3.20 -4.87	76.84 -3.98 -4.35	100.04 -4.94 -2.12	125.46 -8.49 -1.29	136.06 -14.45 -1.53	132.90 -14.32 -1.08	114.50 -10.55 -2.33	106.47 -10.53 -3.80	91.47 -7.96 -5.84	87.00 -7.10 -5.35	82.98 -6.73 -6.61	82.67 -6.67 -7.97	104.65 -10.24 -5.94	140.64 -13.03 -3.93	166.58 -14.82 -7.07	153.21 -12.05 -8.78	144.74 -11.82 -6.96	130.39 -12.49 -5.66	108.42 -9.30 -8.31	93.92 -6.38 -7.89	95.27 -4.85 -4.94
SELKIRK___I 23801	118.38 3.39 -37.79	120.42 3.24 -43.40	114.62 3.26 -37.12	112.27 3.12 -38.10	113.80 3.29 -34.05	123.84 4.42 -16.57	148.44 5.70 -10.08	166.72 5.80 -11.94	160.41 5.85 -8.42	145.81 4.91 -18.17	147.43 4.53 -29.69	142.95 3.75 -45.62	134.10 3.55 -41.81	138.07 3.33 -51.64	146.94 3.34 -62.24	159.34 4.03 -46.35	185.67 5.24 -30.69	235.65 6.10 -55.23	230.65 5.62 -68.55	209.19 5.23 -54.36	186.61 5.21 -44.18	178.55 4.26 -64.87	157.63 3.51 -61.71	137.53 3.71 -38.64
SELKIRK___II 23799	118.51 3.09 -38.23	120.63 2.95 -43.90	114.76 2.97 -37.55	112.44 2.84 -38.54	113.88 2.98 -34.44	123.62 4.01 -16.76	148.02 5.17 -10.19	166.41 5.36 -12.08	160.07 5.41 -8.51	145.65 4.54 -18.38	147.43 4.19 -30.03	143.20 3.46 -46.14	134.40 3.37 -42.29	138.49 3.16 -52.24	147.41 3.09 -62.95	159.55 3.71 -46.89	185.88 5.09 -31.04	236.12 5.93 -55.86	231.29 5.47 -69.34	209.51 4.93 -54.99	186.57 4.67 -44.69	178.86 3.83 -65.62	158.06 3.23 -62.43	137.60 3.33 -39.09
SENECA OSWGO___HYD 24041	78.86 -0.85 -2.52	75.86 -0.81 -2.89	75.82 -0.89 -2.47	72.81 -0.78 -2.54	77.81 -0.91 -2.27	102.52 -1.44 -1.10	131.61 -1.73 -0.67	147.38 -2.39 -0.80	144.22 -2.49 -0.56	122.22 -1.72 -1.21	113.60 -1.58 -1.98	95.51 -1.12 -3.04	90.44 -1.06 -2.76	85.52 -0.99 -3.41	84.58 -0.89 -4.11	110.71 -1.30 -3.06	150.12 -1.64 -2.03	176.40 -1.57 -3.65	160.07 -0.93 -4.53	151.54 -1.64 -3.59	138.63 -1.51 -2.92	112.38 -1.31 -4.28	95.27 -1.20 -4.07	96.60 -1.14 -2.55

SENECA___115KV_TB3 355854	79.29 -2.93 -5.03	76.76 -2.80 -5.78	76.21 -2.97 -4.94	73.42 -2.70 -5.07	77.55 -3.44 -4.53	100.84 -4.22 -2.21	126.84 -7.16 -1.34	137.76 -12.81 -1.59	134.55 -12.71 -1.12	115.94 -9.20 -2.42	107.88 -9.28 -3.96	92.74 -6.93 -6.08	88.19 -6.12 -5.57	84.09 -5.90 -6.89	83.81 -5.86 -8.30	106.20 -8.93 -6.18	142.60 -11.23 -4.09	168.96 -12.73 -7.36	155.60 -10.01 -9.14	146.82 -10.02 -7.25	132.27 -10.84 -5.89	109.96 -8.10 -8.65	95.17 -5.45 -8.22	96.33 -4.00 -5.15
SENECA___ENERGY 23797	81.30 0.08 -4.03	78.41 0.00 -4.63	78.20 0.00 -3.96	75.18 0.07 -4.07	80.17 0.08 -3.63	104.83 0.21 -1.77	134.27 0.53 -1.07	148.91 -1.34 -1.27	145.44 -1.60 -0.90	123.81 -0.85 -1.94	115.46 -0.91 -3.17	97.71 -0.75 -4.87	92.35 -0.80 -4.41	87.79 -0.75 -5.44	87.19 -0.73 -6.56	112.75 -1.09 -4.89	152.23 -0.74 -3.23	179.97 -0.17 -5.82	164.33 0.63 -7.23	154.58 -0.74 -5.73	141.05 -0.82 -4.66	115.37 -0.88 -6.84	98.07 -0.83 -6.50	98.69 -0.57 -4.07
SHOEMAKER___GT 23640	110.54 4.79 -28.55	111.07 4.50 -32.79	106.89 4.60 -28.05	104.17 4.33 -28.79	106.85 4.66 -25.73	121.54 6.17 -12.52	148.10 7.83 -7.61	166.19 8.19 -9.02	160.98 8.47 -6.36	144.13 7.61 -13.79	142.43 6.79 -22.44	133.67 5.62 -34.47	125.86 5.50 -31.61	127.20 5.07 -39.03	133.27 4.88 -47.02	150.79 6.76 -35.07	183.14 9.88 -23.53	230.89 12.02 -44.55	220.78 10.95 -53.35	200.54 9.87 -41.07	179.10 8.51 -33.38	165.32 6.90 -49.01	145.13 6.10 -46.63	130.19 5.81 -29.20
SHOEMAKR_138KV_BK 111 55601	110.35 4.79 -28.37	110.86 4.50 -32.58	106.70 4.60 -27.86	103.98 4.33 -28.60	106.68 4.66 -25.56	121.46 6.17 -12.44	148.45 8.23 -7.56	166.58 8.64 -8.96	161.52 9.06 -6.32	144.40 7.98 -13.70	142.74 7.24 -22.29	133.82 5.99 -34.24	125.83 5.68 -31.40	127.19 5.32 -38.78	133.21 5.13 -46.72	150.55 6.76 -34.84	182.83 9.73 -23.36	230.30 11.85 -44.13	220.21 10.80 -52.94	200.42 10.02 -40.81	178.61 8.23 -33.16	164.89 6.78 -48.70	144.73 6.01 -46.32	130.09 5.90 -29.01
SHOREHAM_IC_1 23715	138.35 9.65 -51.51	130.93 9.00 -48.16	120.48 9.50 -36.74	111.61 9.17 -31.39	120.13 9.87 -33.80	129.05 12.54 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	152.90 14.60 -15.58	150.92 13.24 -24.48	149.93 12.16 -44.17	148.23 11.62 -47.86	148.96 10.80 -55.06	149.83 10.33 -58.13	161.25 13.62 -38.67	197.74 20.21 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.81 19.44 -44.78	191.03 17.43 -36.39	176.19 13.34 -53.44	155.53 12.29 -50.84	148.49 12.56 -40.74
SHOREHAM_IC_2 23716	138.35 9.65 -51.51	130.93 9.00 -48.16	120.48 9.50 -36.74	111.61 9.17 -31.39	120.13 9.87 -33.80	129.05 12.54 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	152.90 14.60 -15.58	150.92 13.24 -24.48	149.93 12.16 -44.17	148.23 11.62 -47.86	148.96 10.80 -55.06	149.83 10.33 -58.13	161.25 13.62 -38.67	197.74 20.21 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.81 19.44 -44.78	191.03 17.43 -36.39	176.19 13.34 -53.44	155.53 12.29 -50.84	148.49 12.56 -40.74
SISSONVILLE____ 23735	71.40 -5.79 0.00	68.25 -5.53 0.00	68.74 -5.49 0.00	65.72 -5.33 0.00	71.03 -5.43 0.00	95.45 -7.41 0.00	122.98 -9.68 0.00	141.83 -7.15 0.00	138.98 -7.16 0.00	114.01 -8.71 0.00	105.96 -7.24 0.00	87.79 -5.80 0.00	82.97 -5.77 0.00	77.70 -5.40 0.00	76.08 -5.29 0.00	102.31 -6.65 0.00	139.26 -10.48 0.00	164.39 -9.94 0.00	145.05 -11.42 0.00	138.97 -10.62 0.00	127.75 -9.47 0.00	101.86 -7.55 0.00	86.40 -6.01 0.00	88.90 -6.28 0.00
SITHE_IND_GS1 24169	77.14 -2.01 -1.95	74.10 -1.92 -2.24	74.23 -1.93 -1.92	71.17 -1.85 -1.97	76.23 -1.99 -1.76	100.72 -2.99 -0.86	129.33 -3.85 -0.52	144.82 -4.77 -0.62	141.76 -4.82 -0.44	119.86 -3.81 -0.94	111.23 -3.51 -1.53	93.23 -2.72 -2.36	88.32 -2.58 -2.15	83.35 -2.41 -2.66	82.21 -2.36 -3.21	107.85 -3.49 -2.39	146.68 -4.64 -1.58	171.94 -5.23 -2.85	155.63 -4.38 -3.53	147.60 -4.79 -2.80	135.10 -4.40 -2.28	109.36 -3.39 -3.34	92.81 -2.77 -3.18	94.41 -2.76 -1.99
SITHE_IND_GS2 24170	77.14 -2.01 -1.95	74.10 -1.92 -2.24	74.23 -1.93 -1.92	71.17 -1.85 -1.97	76.23 -1.99 -1.76	100.72 -2.99 -0.86	129.33 -3.85 -0.52	144.82 -4.77 -0.62	141.76 -4.82 -0.44	119.86 -3.81 -0.94	111.23 -3.51 -1.53	93.23 -2.72 -2.36	88.32 -2.58 -2.15	83.35 -2.41 -2.66	82.21 -2.36 -3.21	107.85 -3.49 -2.39	146.68 -4.64 -1.58	171.94 -5.23 -2.85	155.63 -4.38 -3.53	147.60 -4.79 -2.80	135.10 -4.40 -2.28	109.36 -3.39 -3.34	92.81 -2.77 -3.18	94.41 -2.76 -1.99
SITHE_IND_GS3 24171	77.14 -2.01 -1.95	74.10 -1.92 -2.24	74.23 -1.93 -1.92	71.17 -1.85 -1.97	76.23 -1.99 -1.76	100.72 -2.99 -0.86	129.33 -3.85 -0.52	144.82 -4.77 -0.62	141.76 -4.82 -0.44	119.86 -3.81 -0.94	111.23 -3.51 -1.53	93.23 -2.72 -2.36	88.32 -2.58 -2.15	83.35 -2.41 -2.66	82.21 -2.36 -3.21	107.85 -3.49 -2.39	146.68 -4.64 -1.58	171.94 -5.23 -2.85	155.63 -4.38 -3.53	147.60 -4.79 -2.80	135.10 -4.40 -2.28	109.36 -3.39 -3.34	92.81 -2.77 -3.18	94.41 -2.76 -1.99
SITHE_IND_GS4 24172	77.14 -2.01 -1.95	74.10 -1.92 -2.24	74.23 -1.93 -1.92	71.17 -1.85 -1.97	76.23 -1.99 -1.76	100.72 -2.99 -0.86	129.33 -3.85 -0.52	144.82 -4.77 -0.62	141.76 -4.82 -0.44	119.86 -3.81 -0.94	111.23 -3.51 -1.53	93.23 -2.72 -2.36	88.32 -2.58 -2.15	83.35 -2.41 -2.66	82.21 -2.36 -3.21	107.85 -3.49 -2.39	146.68 -4.64 -1.58	171.94 -5.23 -2.85	155.63 -4.38 -3.53	147.60 -4.79 -2.80	135.10 -4.40 -2.28	109.36 -3.39 -3.34	92.81 -2.77 -3.18	94.41 -2.76 -1.99
SITHE___BATAVIA 24024	80.03 -1.47 -4.30	77.10 -1.62 -4.94	76.68 -1.78 -4.23	73.89 -1.50 -4.34	78.43 -1.91 -3.88	102.69 -2.06 -1.89	130.36 -3.45 -1.15	142.59 -7.75 -1.36	138.48 -8.62 -0.96	119.15 -5.64 -2.07	111.04 -5.54 -3.38	94.20 -4.58 -5.20	89.42 -4.08 -4.76	85.07 -3.90 -5.88	84.63 -3.82 -7.08	107.37 -6.86 -5.27	145.44 -7.79 -3.49	171.90 -8.71 -6.28	157.71 -6.57 -7.80	146.65 -9.13 -6.18	134.28 -7.96 -5.03	110.88 -5.91 -7.38	95.27 -4.16 -7.02	97.01 -2.57 -4.40
SITHE___INDEPEND 23800	77.14 -2.01 -1.95	74.11 -1.92 -2.24	74.23 -1.93 -1.92	71.17 -1.85 -1.97	76.23 -1.99 -1.76	100.73 -2.98 -0.86	129.20 -3.98 -0.52	144.53 -5.07 -0.62	141.76 -4.82 -0.44	119.86 -3.80 -0.94	111.23 -3.51 -1.53	93.14 -2.81 -2.36	88.33 -2.57 -2.16	83.36 -2.41 -2.67	82.23 -2.36 -3.22	107.87 -3.49 -2.40	146.68 -4.64 -1.59	172.12 -5.06 -2.85	155.64 -4.38 -3.54	148.06 -4.34 -2.81	135.25 -4.25 -2.28	109.37 -3.39 -3.35	92.81 -2.77 -3.18	94.41 -2.76 -1.99
SITHE___MASSENA 23902	73.49 -3.70 0.00	70.31 -3.47 0.00	70.75 -3.49 0.00	67.64 -3.41 0.00	72.94 -3.52 0.00	98.23 -4.63 0.00	126.30 -6.37 0.00	144.81 -4.17 0.00	142.05 -4.09 0.00	116.96 -5.77 0.00	108.34 -4.86 0.00	89.75 -3.84 0.00	84.93 -3.81 0.00	79.53 -3.57 0.00	77.87 -3.50 0.00	104.59 -4.36 0.00	142.70 -7.04 0.00	167.88 -6.45 0.00	148.65 -7.82 0.00	143.01 -6.58 0.00	131.04 -6.17 0.00	104.49 -4.92 0.00	88.43 -3.97 0.00	91.09 -4.09 0.00
SITHE___OGDNSBRG 24021	73.33 -3.86 0.00	70.09 -3.69 0.00	70.60 -3.64 0.00	67.42 -3.62 0.00	72.79 -3.67 0.00	98.12 -4.73 0.00	126.69 -5.97 0.00	146.30 -2.68 0.00	143.22 -2.92 0.00	117.82 -4.91 0.00	109.24 -3.96 0.00	90.41 -3.18 0.00	85.55 -3.19 0.00	80.19 -2.91 0.00	78.44 -2.93 0.00	105.58 -3.38 0.00	143.90 -5.84 0.00	169.62 -4.71 0.00	149.75 -6.73 0.00	143.46 -6.13 0.00	131.86 -5.35 0.00	105.14 -4.27 0.00	88.89 -3.51 0.00	91.37 -3.81 0.00

SITHE___STERLING 23777	82.05 3.01 -1.85	78.71 2.80 -2.12	78.95 2.89 -1.82	75.68 2.77 -1.87	81.19 3.06 -1.67	108.09 4.42 -0.81	139.53 6.37 -0.49	156.42 6.86 -0.58	153.28 6.73 -0.41	129.63 6.01 -0.89	120.20 5.55 -1.45	100.41 4.58 -2.23	95.11 4.26 -2.10	89.77 4.07 -2.60	88.41 3.91 -3.13	116.73 5.45 -2.33	158.91 7.63 -1.54	186.34 9.23 -2.78	168.52 8.60 -3.45	159.66 7.33 -2.74	146.03 6.59 -2.22	117.93 5.25 -3.27	99.67 4.16 -3.11	101.51 4.38 -1.95
SLEIGHT__34_KV_TB1 80719	80.34 -0.54 -3.69	77.35 -0.66 -4.23	77.12 -0.74 -3.62	74.12 -0.64 -3.72	79.02 -0.76 -3.32	103.75 -0.72 -1.62	132.32 -1.33 -0.98	146.87 -3.28 -1.16	143.75 -3.22 -0.82	122.78 -1.72 -1.77	114.40 -1.70 -2.90	96.82 -1.22 -4.45	91.65 -1.15 -4.06	86.95 -1.16 -5.01	86.27 -1.14 -6.04	111.49 -1.96 -4.50	150.77 -1.95 -2.98	178.29 -1.39 -5.36	162.34 -0.78 -6.65	153.52 -1.35 -5.27	139.31 -2.20 -4.29	113.84 -1.86 -6.29	96.81 -1.57 -5.97	97.78 -1.14 -3.74
SOUTH CAIRO___GT 23612	118.65 5.09 -36.36	120.41 4.87 -41.76	114.78 4.82 -35.72	112.19 4.48 -36.66	114.12 4.90 -32.76	125.89 7.09 -15.94	151.92 9.56 -9.70	169.11 8.64 -11.49	163.01 8.77 -8.10	146.71 6.50 -17.48	147.43 5.66 -28.57	141.79 4.31 -43.89	133.14 4.17 -40.23	136.70 3.91 -49.69	145.24 3.99 -59.88	158.47 4.91 -44.60	184.51 5.24 -29.53	234.95 7.49 -53.14	228.85 6.42 -65.96	207.58 5.68 -52.31	186.85 7.13 -42.51	177.63 5.79 -62.42	156.49 4.71 -59.38	137.12 4.76 -37.18
SOUTH HAMPTN___IC 23720	139.28 10.58 -51.51	131.89 9.96 -48.16	121.29 10.32 -36.74	112.46 10.02 -31.39	120.96 10.70 -33.80	130.38 13.88 -13.65	157.55 16.58 -8.30	177.29 18.47 -9.84	171.64 18.56 -6.94	154.63 16.32 -15.58	152.63 14.94 -24.48	151.15 13.38 -44.17	149.39 12.78 -47.86	150.04 11.88 -55.06	150.97 11.48 -58.13	162.67 15.04 -38.67	199.98 22.45 -27.79	256.54 26.83 -55.38	242.50 24.09 -61.94	216.06 21.68 -44.78	192.96 19.35 -36.39	177.73 14.88 -53.44	156.63 13.39 -50.84	149.63 13.71 -40.74
SOUTHDOW_115KV_TB1 355954	81.64 -1.00 -5.45	78.78 -1.25 -6.25	78.33 -1.26 -5.35	75.69 -0.85 -5.49	79.76 -1.61 -4.91	103.70 -1.54 -2.39	131.73 -2.39 -1.45	143.25 -7.45 -1.72	139.61 -7.75 -1.21	120.68 -4.66 -2.62	112.28 -5.21 -4.28	96.61 -3.56 -6.58	92.82 -1.95 -6.03	88.23 -2.33 -7.45	87.99 -2.36 -8.98	111.61 -4.03 -6.69	150.12 -4.04 -4.43	178.98 -3.31 -7.97	164.96 -1.41 -9.89	155.04 -2.39 -7.85	139.89 -3.70 -6.38	116.26 -2.52 -9.36	100.18 -1.20 -8.98	101.28 0.48 -5.62
SOUTHOLD_69_KV_BK 2 55809	140.59 11.89 -51.51	133.15 11.21 -48.16	122.56 11.58 -36.74	113.59 11.15 -31.39	122.26 12.00 -33.80	132.14 15.63 -13.65	161.39 20.43 -8.30	181.16 22.35 -9.84	175.88 22.80 -6.93	158.43 20.13 -15.58	156.02 18.34 -24.48	153.11 15.35 -44.17	151.07 14.47 -47.87	151.71 13.55 -55.06	152.84 13.34 -58.13	164.08 16.45 -38.67	200.74 23.21 -27.79	255.16 25.45 -55.38	243.45 25.04 -61.94	217.41 23.04 -44.78	193.37 19.76 -36.39	178.06 15.21 -53.44	156.91 13.68 -50.84	151.34 15.42 -40.74
SOUTHOLD___IC 23719	140.59 11.88 -51.51	133.15 11.21 -48.16	122.55 11.58 -36.74	113.59 11.15 -31.39	122.26 12.00 -33.80	132.13 15.63 -13.65	160.33 19.37 -8.30	180.41 21.59 -9.84	174.57 21.49 -6.94	156.95 18.65 -15.58	154.66 16.98 -24.48	152.73 14.97 -44.17	150.90 14.29 -47.86	151.45 13.29 -55.06	152.35 12.85 -58.13	164.74 17.11 -38.67	202.98 25.46 -27.79	260.40 30.69 -55.38	245.79 27.38 -61.94	219.36 24.98 -44.78	195.83 22.23 -36.39	179.91 17.06 -53.44	158.39 15.15 -50.84	151.25 15.33 -40.74
SOUTH_FORK_WT_PWR 323839	140.74 12.04 -51.51	133.22 11.29 -48.16	122.70 11.73 -36.74	113.74 11.30 -31.39	122.42 12.16 -33.80	132.34 15.83 -13.65	160.47 19.51 -8.30	180.57 21.75 -9.84	174.86 21.78 -6.94	157.20 18.89 -15.58	154.78 17.10 -24.48	152.92 15.16 -44.17	150.98 14.37 -47.86	151.62 13.46 -55.06	152.51 13.02 -58.13	164.84 17.21 -38.67	203.29 25.76 -27.79	260.57 30.86 -55.38	245.96 27.55 -61.94	219.50 25.12 -44.78	195.98 22.37 -36.39	180.03 17.18 -53.44	158.58 15.34 -50.84	151.45 15.52 -40.74
SPIERFLS_115KV_TB 1 80737	123.07 6.18 -39.70	125.28 5.90 -45.59	119.10 5.86 -39.00	116.62 5.54 -40.03	118.12 5.89 -35.77	128.49 8.23 -17.41	154.92 11.67 -10.59	173.89 12.37 -12.54	167.41 12.42 -8.84	152.37 10.55 -19.09	153.91 9.51 -31.19	149.28 7.77 -47.92	140.03 7.37 -43.92	144.16 6.81 -54.25	153.50 6.75 -65.38	166.69 9.04 -48.70	193.36 11.38 -32.24	246.46 14.12 -58.01	241.32 12.83 -72.01	218.67 11.97 -57.11	194.33 10.70 -46.41	186.09 8.53 -68.15	163.98 6.75 -64.83	142.44 6.66 -40.59
ST LAWRENCE___ 23600	73.95 -3.24 0.00	70.68 -3.10 0.00	71.19 -3.05 0.00	67.99 -3.05 0.00	73.32 -3.14 0.00	98.84 -4.01 0.00	127.22 -5.44 0.00	144.36 -4.62 0.00	141.46 -4.68 0.00	117.69 -5.04 0.00	108.90 -4.30 0.00	90.03 -3.56 0.00	85.19 -3.55 0.00	79.77 -3.33 0.00	78.19 -3.17 0.00	104.93 -4.03 0.00	143.59 -6.15 0.00	167.52 -6.80 0.00	149.44 -7.04 0.00	143.76 -5.84 0.00	131.86 -5.35 0.00	105.14 -4.27 0.00	88.80 -3.61 0.00	91.47 -3.71 0.00
STATE_CA_115KV_115_LB 55624	119.38 3.40 -38.79	121.50 3.17 -44.55	115.53 3.19 -38.10	113.22 3.06 -39.11	114.70 3.29 -34.95	124.29 4.42 -17.01	148.05 5.04 -10.34	166.30 5.07 -12.26	160.05 5.26 -8.64	145.92 4.54 -18.65	147.76 4.08 -30.48	143.79 3.37 -46.83	134.95 3.28 -42.93	139.20 3.07 -53.02	148.28 3.01 -63.90	160.48 3.92 -47.60	186.79 5.54 -31.51	237.66 6.62 -56.71	232.81 5.95 -70.39	210.95 5.53 -55.82	187.66 5.08 -45.36	180.07 4.05 -66.61	159.19 3.42 -63.37	138.29 3.43 -39.68
STATE_ST_34_KV_LOAD 55959	82.03 0.85 -3.98	79.09 0.74 -4.57	78.89 0.74 -3.91	75.84 0.78 -4.02	80.89 0.84 -3.59	105.83 1.23 -1.75	135.58 1.86 -1.06	151.28 1.04 -1.26	148.06 1.02 -0.89	125.99 1.35 -1.91	117.46 1.13 -3.13	99.33 0.94 -4.81	93.96 0.89 -4.33	89.19 0.75 -5.34	88.54 0.73 -6.44	114.84 1.09 -4.80	155.01 2.10 -3.18	183.18 3.14 -5.71	167.01 3.44 -7.09	158.06 2.84 -5.62	143.71 1.92 -4.57	117.33 1.20 -6.71	99.51 0.74 -6.37	100.03 0.86 -3.99
STATION 5_MISC_HYD 23604	80.10 -0.85 -3.75	77.13 -0.96 -4.31	76.81 -1.11 -3.69	73.98 -0.85 -3.79	78.70 -1.14 -3.38	103.27 -1.23 -1.65	131.68 -1.99 -1.00	145.39 -4.77 -1.19	141.86 -5.12 -0.84	121.47 -3.06 -1.80	113.10 -3.05 -2.95	95.60 -2.52 -4.53	90.67 -2.22 -4.14	86.15 -2.07 -5.12	85.42 -2.12 -6.17	109.41 -4.14 -4.59	148.14 -4.64 -3.04	174.74 -5.06 -5.47	159.68 -3.59 -6.79	149.45 -5.53 -5.39	136.79 -4.81 -4.38	112.23 -3.61 -6.43	95.93 -2.59 -6.12	97.39 -1.62 -3.83
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	81.28 0.31 -3.78	78.27 0.15 -4.34	78.03 0.07 -3.72	75.07 0.21 -3.81	80.02 0.15 -3.41	105.03 0.51 -1.66	133.94 0.27 -1.01	148.24 -1.94 -1.20	145.09 -1.90 -0.84	123.81 -0.74 -1.82	115.27 -0.91 -2.97	97.50 -0.66 -4.57	92.30 -0.62 -4.18	87.60 -0.66 -5.16	86.86 -0.73 -6.22	112.17 -1.42 -4.63	151.91 -0.90 -3.07	179.84 0.00 -5.52	163.95 0.63 -6.85	155.02 0.00 -5.43	140.67 -0.96 -4.41	115.02 -0.88 -6.48	97.82 -0.74 -6.15	98.75 -0.29 -3.85
STA_56_34_KV_BUS2_REV_LBMP_B 345033	79.76 -1.16 -3.73	76.81 -1.25 -4.28	76.49 -1.41 -3.66	73.67 -1.14 -3.76	78.37 -1.45 -3.36	102.84 -1.65 -1.63	130.61 -3.05 -0.99	144.35 -5.81 -1.18	141.28 -5.70 -0.83	120.84 -3.68 -1.79	112.40 -3.74 -2.93	95.28 -2.81 -4.50	90.20 -2.66 -4.12	85.70 -2.49 -5.09	84.98 -2.52 -6.13	109.28 -4.25 -4.57	147.97 -4.79 -3.02	175.06 -4.71 -5.44	159.63 -3.60 -6.76	151.06 -3.89 -5.36	136.90 -4.67 -4.35	112.08 -3.72 -6.39	95.79 -2.68 -6.07	96.89 -2.09 -3.80

STA_56___34_KV_BUS2 355983	79.76 -1.16 -3.73	76.81 -1.25 -4.28	76.49 -1.41 -3.66	73.67 -1.14 -3.76	78.37 -1.45 -3.36	102.84 -1.65 -1.63	130.61 -3.05 -0.99	144.35 -5.81 -1.18	141.28 -5.70 -0.83	120.84 -3.68 -1.79	112.40 -3.74 -2.93	95.28 -2.81 -4.50	90.20 -2.66 -4.12	85.70 -2.49 -5.09	84.98 -2.52 -6.13	109.28 -4.25 -4.57	147.97 -4.79 -3.02	175.06 -4.71 -5.44	159.63 -3.60 -6.76	151.06 -3.89 -5.36	136.90 -4.67 -4.35	112.08 -3.72 -6.39	95.79 -2.68 -6.07	96.89 -2.09 -3.80
STA_67___115KV_BK2 355882	79.94 -1.00 -3.75	76.98 -1.11 -4.31	76.66 -1.26 -3.68	73.83 -0.99 -3.78	78.54 -1.30 -3.38	103.06 -1.44 -1.64	130.75 -2.92 -1.00	144.06 -6.11 -1.18	140.99 -5.99 -0.84	120.60 -3.93 -1.80	112.19 -3.96 -2.95	95.12 -2.99 -4.53	90.14 -2.75 -4.15	85.65 -2.58 -5.12	84.94 -2.60 -6.17	109.20 -4.36 -4.60	147.69 -5.09 -3.04	174.75 -5.06 -5.48	159.36 -3.91 -6.80	150.95 -4.04 -5.39	136.66 -4.94 -4.38	112.02 -3.83 -6.44	95.83 -2.68 -6.11	97.10 -1.90 -3.83
STA_7___115KV_9TRANS 80674	80.48 -0.46 -3.75	77.43 -0.66 -4.31	77.11 -0.82 -3.69	74.26 -0.57 -3.79	79.00 -0.84 -3.38	103.78 -0.72 -1.65	131.68 -1.99 -1.00	145.25 -4.92 -1.19	142.16 -4.82 -0.84	121.71 -2.82 -1.80	113.21 -2.94 -2.95	95.97 -2.15 -4.53	90.85 -2.04 -4.15	86.32 -1.91 -5.13	85.60 -1.95 -6.18	109.96 -3.60 -4.60	149.04 -3.74 -3.05	176.32 -3.49 -5.48	160.93 -2.35 -6.81	152.30 -2.69 -5.40	137.90 -3.70 -4.39	113.01 -2.84 -6.44	96.49 -2.03 -6.12	97.78 -1.24 -3.83
STA_82___115KV_TB1 80780	80.04 -0.93 -3.77	77.01 -1.11 -4.33	76.76 -1.19 -3.71	73.86 -0.99 -3.80	78.64 -1.22 -3.40	103.17 -1.34 -1.65	130.88 -2.79 -1.01	144.21 -5.96 -1.19	141.14 -5.85 -0.84	120.74 -3.80 -1.81	112.32 -3.85 -2.96	95.24 -2.90 -4.55	90.25 -2.66 -4.17	85.68 -2.58 -5.15	85.06 -2.52 -6.21	109.22 -4.36 -4.63	147.86 -4.94 -3.06	174.95 -4.88 -5.51	159.56 -3.76 -6.84	150.98 -4.04 -5.42	136.82 -4.80 -4.41	112.16 -3.72 -6.47	95.96 -2.59 -6.15	97.22 -1.81 -3.85
STEEL___WIND 323596	79.21 -3.01 -5.03	76.61 -2.95 -5.78	76.13 -3.05 -4.94	73.35 -2.77 -5.07	77.48 -3.52 -4.53	100.75 -4.32 -2.21	127.38 -6.63 -1.34	138.80 -11.77 -1.59	134.84 -12.42 -1.12	116.44 -8.71 -2.42	108.67 -8.49 -3.96	92.93 -6.74 -6.08	88.45 -5.86 -5.57	84.41 -5.57 -6.88	84.12 -5.54 -8.29	105.98 -9.15 -6.17	142.44 -11.39 -4.09	168.26 -13.42 -7.35	155.12 -10.48 -9.13	143.96 -12.87 -7.24	131.71 -11.39 -5.88	109.73 -8.32 -8.64	94.89 -5.73 -8.22	96.33 -3.99 -5.15
STEPHTWN_115KV_BK_2 55603	119.68 4.09 -38.40	121.78 3.91 -44.09	115.89 3.93 -37.71	113.46 3.69 -38.71	115.03 3.98 -34.59	125.24 5.55 -16.83	149.40 6.50 -10.24	167.81 6.70 -12.13	161.57 6.87 -8.55	146.95 5.77 -18.46	148.58 5.21 -30.17	144.15 4.21 -46.34	135.30 4.08 -42.47	139.39 3.82 -52.46	148.42 3.82 -63.23	161.06 5.01 -47.09	188.10 7.19 -31.18	239.15 8.72 -56.11	234.10 7.98 -69.65	212.30 7.48 -55.23	188.82 6.72 -44.88	180.79 5.47 -65.91	159.54 4.44 -62.70	138.92 4.47 -39.26
STEBUBEN_REC_LFGE 323667	84.55 0.54 -6.81	82.27 0.66 -7.83	81.60 0.67 -6.69	78.63 0.71 -6.87	83.14 0.54 -6.14	107.08 1.23 -2.99	135.81 1.33 -1.82	149.05 -2.09 -2.15	145.18 -2.48 -1.52	124.65 -1.35 -3.28	116.75 -1.81 -5.35	100.60 -1.22 -8.23	95.33 -0.98 -7.56	91.45 -1.00 -9.34	91.90 -0.73 -11.26	116.36 -0.98 -8.39	155.59 0.30 -5.55	186.23 1.92 -9.99	172.01 3.13 -12.40	161.37 1.94 -9.84	145.62 0.41 -7.99	121.26 0.11 -11.74	103.75 0.18 -11.16	103.41 1.24 -6.99
STILLWATER___SOLAR 323814	121.96 5.25 -39.52	124.18 5.02 -45.38	118.10 5.05 -38.81	115.65 4.76 -39.84	117.19 5.12 -35.60	127.18 7.00 -17.33	152.76 9.56 -10.54	171.60 10.14 -12.49	165.02 10.08 -8.80	150.18 8.46 -19.00	152.05 7.80 -31.05	147.66 6.37 -47.70	138.49 6.04 -43.71	142.74 5.65 -53.99	151.97 5.54 -65.07	164.07 6.65 -48.46	190.81 8.98 -32.09	243.05 10.99 -57.74	238.01 9.86 -71.67	215.55 9.13 -56.84	191.91 8.51 -46.19	184.02 6.79 -67.82	162.47 5.54 -64.52	142.06 6.48 -40.40
STONY___BROOK 24151	137.81 9.10 -51.51	130.49 8.55 -48.16	119.73 8.76 -36.74	110.82 8.38 -31.39	119.20 8.94 -33.80	128.33 11.82 -13.65	154.63 13.67 -8.30	173.42 14.61 -9.84	167.99 14.91 -6.94	151.68 13.38 -15.58	150.03 12.34 -24.48	148.90 11.13 -44.17	147.25 10.64 -47.86	148.05 9.88 -55.06	149.10 9.60 -58.13	160.05 12.42 -38.67	196.09 18.56 -27.79	252.36 22.65 -55.38	238.75 20.33 -61.94	212.62 18.24 -44.78	189.52 15.91 -36.39	174.99 12.14 -53.44	154.51 11.27 -50.84	147.25 11.32 -40.74
STURGEON_POOL_HYD 23609	114.81 5.64 -31.98	115.75 5.24 -36.73	111.00 5.35 -31.42	108.34 5.04 -32.25	110.71 5.43 -28.82	124.28 7.41 -14.02	151.01 9.82 -8.53	169.51 10.43 -10.11	164.23 10.96 -7.12	147.80 9.70 -15.38	147.05 8.72 -25.13	139.50 7.30 -38.61	131.05 6.92 -35.38	133.20 6.40 -43.70	140.22 6.18 -52.67	156.25 8.06 -39.23	187.69 11.98 -25.97	235.71 14.64 -46.74	227.79 13.30 -58.02	207.87 12.27 -46.01	184.76 10.15 -37.39	172.52 8.21 -54.90	151.93 7.30 -52.23	134.93 7.04 -32.70
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	111.70 5.33 -29.18	112.30 5.02 -33.51	108.02 5.12 -28.66	105.30 4.83 -29.42	107.87 5.12 -26.29	122.54 6.89 -12.79	149.60 9.15 -7.78	168.03 9.83 -9.22	162.87 10.23 -6.50	146.03 9.20 -14.10	144.39 8.26 -22.93	135.64 6.83 -35.22	127.53 6.48 -32.31	128.97 5.98 -39.88	135.19 5.78 -48.05	152.43 7.63 -35.85	184.91 11.08 -24.09	233.53 13.25 -45.95	223.44 12.20 -54.76	202.78 11.22 -41.97	180.65 9.33 -34.11	167.15 7.66 -50.08	146.79 6.75 -47.64	131.68 6.66 -29.83
SWANROAD_115KV_TB1 355699	76.74 -5.09 -4.64	74.24 -4.87 -5.33	73.75 -5.05 -4.56	71.11 -4.62 -4.68	75.14 -5.51 -4.18	97.69 -7.20 -2.03	122.49 -11.41 -1.24	132.12 -18.32 -1.47	129.35 -17.83 -1.03	111.21 -13.75 -2.23	103.38 -13.47 -3.65	88.71 -10.48 -5.60	84.39 -9.50 -5.14	80.64 -8.81 -6.35	80.31 -8.71 -7.65	101.58 -13.07 -5.70	136.59 -16.92 -3.77	161.59 -19.52 -6.79	148.62 -16.27 -8.42	140.57 -15.71 -6.68	126.59 -16.05 -5.43	105.13 -12.25 -7.97	91.29 -8.69 -7.57	92.79 -7.14 -4.74
SYNERGY___BIOGAS 323694	80.03 -1.47 -4.30	77.10 -1.62 -4.94	76.68 -1.78 -4.23	73.89 -1.50 -4.34	78.43 -1.91 -3.88	102.69 -2.06 -1.89	130.36 -3.45 -1.15	142.59 -7.75 -1.36	138.48 -8.62 -0.96	119.15 -5.64 -2.07	111.04 -5.54 -3.38	94.20 -4.58 -5.20	89.42 -4.08 -4.76	85.07 -3.90 -5.88	84.63 -3.82 -7.08	107.37 -6.86 -5.27	145.44 -7.79 -3.49	171.90 -8.71 -6.28	157.71 -6.57 -7.80	146.65 -9.13 -6.18	134.28 -7.96 -5.03	110.88 -5.91 -7.38	95.27 -4.16 -7.02	97.01 -2.57 -4.40
SYRACUSE___ENERGY_ST1 323597	80.70 0.31 -3.20	77.74 0.30 -3.67	77.67 0.30 -3.14	74.55 0.28 -3.22	79.57 0.23 -2.88	104.46 0.21 -1.40	133.91 0.40 -0.85	149.69 -0.30 -1.01	146.71 -0.15 -0.71	124.51 0.25 -1.54	115.94 0.23 -2.51	97.73 0.28 -3.86	92.53 0.27 -3.52	87.70 0.25 -4.35	86.85 0.24 -5.24	113.08 0.22 -3.90	152.92 0.60 -2.58	180.02 1.05 -4.65	163.65 1.41 -5.77	155.22 1.05 -4.58	141.48 0.55 -3.72	115.20 0.33 -5.46	97.67 0.09 -5.18	98.61 0.19 -3.24
SYRACUSE___ENERGY_ST2 323598	80.70 0.31 -3.20	77.74 0.30 -3.67	77.67 0.30 -3.14	74.55 0.28 -3.22	79.57 0.23 -2.88	104.46 0.21 -1.40	133.91 0.40 -0.85	149.69 -0.30 -1.01	146.71 -0.15 -0.71	124.51 0.25 -1.54	115.94 0.23 -2.51	97.73 0.28 -3.86	92.53 0.27 -3.52	87.70 0.25 -4.35	86.85 0.24 -5.24	113.08 0.22 -3.90	152.92 0.60 -2.58	180.02 1.05 -4.65	163.65 1.41 -5.77	155.22 1.05 -4.58	141.48 0.55 -3.72	115.20 0.33 -5.46	97.67 0.09 -5.18	98.61 0.19 -3.24

SYRACUSE___POWER 24017	80.85 0.31 -3.34	77.91 0.30 -3.84	77.74 0.22 -3.28	74.70 0.28 -3.37	79.70 0.23 -3.01	104.53 0.21 -1.47	133.95 0.40 -0.89	149.74 -0.30 -1.06	146.74 -0.15 -0.74	124.58 0.25 -1.61	116.06 0.23 -2.63	97.91 0.28 -4.03	92.71 0.27 -3.70	87.92 0.25 -4.57	87.20 0.33 -5.51	113.28 0.22 -4.10	152.90 0.45 -2.72	180.09 0.87 -4.89	163.79 1.25 -6.07	155.30 0.90 -4.81	141.40 0.27 -3.91	115.37 0.22 -5.74	98.04 0.18 -5.45	98.88 0.29 -3.41
TALLMAN___138KV_BK151 55660	113.05 5.94 -29.92	113.67 5.53 -34.35	109.26 5.64 -29.38	106.61 5.40 -30.16	109.15 5.73 -26.95	123.68 7.71 -13.12	150.86 10.22 -7.98	169.60 11.17 -9.45	164.50 11.69 -6.66	147.86 10.43 -14.70	146.11 9.40 -23.51	137.39 7.67 -36.12	129.33 7.37 -33.22	130.86 6.81 -40.95	137.22 6.59 -49.26	154.51 8.61 -36.95	187.77 12.43 -25.61	238.23 14.99 -48.92	227.38 13.77 -57.14	205.34 12.72 -43.03	182.75 10.57 -34.97	169.41 8.64 -51.35	148.83 7.58 -48.85	133.20 7.42 -30.59
TEALLAVE_115KV_TB7 355573	79.91 -0.08 -2.79	76.91 -0.07 -3.20	76.90 -0.07 -2.74	73.79 -0.07 -2.81	78.90 -0.08 -2.51	103.77 -0.31 -1.22	133.01 -0.40 -0.74	148.82 -1.04 -0.88	145.74 -1.02 -0.62	123.70 -0.37 -1.34	114.94 -0.45 -2.19	96.77 -0.19 -3.37	91.65 -0.18 -3.09	86.75 -0.17 -3.81	85.80 -0.16 -4.60	111.94 -0.44 -3.42	151.41 -0.60 -2.27	178.06 -0.35 -4.08	161.54 0.00 -5.06	153.31 -0.30 -4.02	139.79 -0.69 -3.26	113.76 -0.44 -4.79	96.58 -0.37 -4.54	97.74 -0.29 -2.84
TELEGRAPH_34_KV_EAST 80808	78.62 -3.01 -4.43	75.85 -3.02 -5.09	75.47 -3.12 -4.35	72.75 -2.77 -4.47	77.01 -3.44 -3.99	100.58 -4.22 -1.94	126.68 -7.16 -1.18	137.27 -13.11 -1.40	134.27 -12.86 -0.99	115.41 -9.45 -2.13	107.29 -9.40 -3.48	91.74 -7.21 -5.35	87.08 -6.57 -4.91	82.93 -6.23 -6.06	82.49 -6.18 -7.31	104.92 -9.48 -5.44	141.66 -11.68 -3.60	167.73 -13.07 -6.48	153.88 -10.64 -8.05	145.50 -10.47 -6.38	131.15 -11.25 -5.19	108.38 -8.64 -7.61	93.63 -6.01 -7.23	95.24 -4.47 -4.53
TEMPLE___115KV_TB 2 55572	80.02 0.00 -2.83	77.03 0.00 -3.25	76.94 -0.07 -2.78	73.90 0.00 -2.85	78.93 -0.08 -2.55	103.89 -0.21 -1.24	133.15 -0.27 -0.75	148.83 -1.04 -0.89	145.90 -0.88 -0.63	123.72 -0.37 -1.36	115.08 -0.34 -2.22	96.91 -0.09 -3.41	91.79 -0.09 -3.13	86.89 -0.08 -3.87	85.95 -0.08 -4.66	112.10 -0.33 -3.47	151.59 -0.45 -2.30	178.29 -0.17 -4.14	161.92 0.31 -5.13	153.51 -0.15 -4.07	139.98 -0.55 -3.31	113.83 -0.44 -4.86	96.73 -0.28 -4.61	97.88 -0.19 -2.88
TIANA___69_KV_BK 1 55817	138.97 10.27 -51.51	131.60 9.67 -48.16	121.00 10.02 -36.74	112.17 9.73 -31.39	120.66 10.40 -33.80	129.98 13.47 -13.65	158.08 17.11 -8.30	177.44 18.62 -9.84	172.23 19.15 -6.93	155.61 17.30 -15.58	153.42 15.74 -24.48	151.05 13.29 -44.17	149.21 12.60 -47.87	149.88 11.72 -55.06	151.05 11.55 -58.13	161.58 13.95 -38.67	196.99 19.47 -27.79	250.80 21.09 -55.38	239.38 20.97 -61.94	213.37 19.00 -44.78	189.94 16.33 -36.39	175.43 12.58 -53.44	154.79 11.55 -50.84	149.25 13.33 -40.74
TILDEN___115KV_TB1 80814	80.85 0.31 -3.34	77.91 0.30 -3.84	77.74 0.22 -3.28	74.70 0.28 -3.37	79.70 0.23 -3.01	104.53 0.21 -1.47	133.95 0.40 -0.89	149.74 -0.30 -1.06	146.74 -0.15 -0.74	124.58 0.25 -1.61	116.06 0.23 -2.63	97.91 0.28 -4.03	92.71 0.27 -3.70	87.92 0.25 -4.57	87.20 0.33 -5.51	113.28 0.22 -4.10	152.90 0.45 -2.72	180.09 0.87 -4.89	163.79 1.25 -6.07	155.30 0.90 -4.81	141.40 0.27 -3.91	115.37 0.22 -5.74	98.04 0.18 -5.45	98.88 0.29 -3.41
TRIGEN___CC 323695	136.42 7.72 -51.51	129.09 7.16 -48.16	118.25 7.28 -36.74	109.33 6.89 -31.39	117.68 7.42 -33.80	126.48 9.98 -13.65	153.83 12.87 -8.30	173.12 14.30 -9.84	167.69 14.61 -6.93	151.56 13.25 -15.58	149.80 12.11 -24.48	147.78 10.01 -44.17	146.19 9.58 -47.87	147.05 8.89 -55.06	148.12 8.63 -58.13	158.63 11.00 -38.67	193.25 15.72 -27.79	248.01 18.30 -55.38	235.31 16.90 -61.94	209.93 15.56 -44.78	186.51 12.90 -36.39	173.24 10.39 -53.44	152.39 9.15 -50.84	145.54 9.61 -40.74
TRINITY___115KV___ 4 BK 55933	118.76 3.09 -38.48	120.92 2.95 -44.19	115.00 2.97 -37.80	112.69 2.84 -38.80	114.11 2.98 -34.67	123.84 4.11 -16.87	147.43 4.51 -10.26	165.61 4.47 -12.16	159.39 4.68 -8.57	145.15 3.93 -18.50	146.94 3.51 -30.23	143.03 2.99 -46.45	134.27 2.93 -42.59	138.37 2.66 -52.61	147.38 2.60 -63.41	159.56 3.38 -47.23	185.80 4.79 -31.27	236.34 5.75 -56.27	231.48 5.16 -69.84	209.77 4.79 -55.39	186.62 4.39 -45.01	179.12 3.61 -66.10	158.24 2.96 -62.88	137.60 3.05 -39.37
UNION___PROCESSING_DRP 323587	80.04 -0.93 -3.78	77.08 -1.03 -4.34	76.76 -1.19 -3.71	73.93 -0.92 -3.81	78.64 -1.22 -3.40	103.17 -1.34 -1.66	130.89 -2.79 -1.01	144.21 -5.96 -1.19	141.29 -5.70 -0.84	120.74 -3.80 -1.82	112.32 -3.85 -2.97	95.25 -2.90 -4.56	90.26 -2.66 -4.18	85.77 -2.49 -5.16	85.06 -2.52 -6.22	109.34 -4.25 -4.63	148.01 -4.79 -3.07	174.96 -4.88 -5.52	159.72 -3.60 -6.85	151.13 -3.89 -5.43	136.83 -4.80 -4.41	112.28 -3.61 -6.48	95.97 -2.59 -6.15	97.23 -1.81 -3.85
UPPER HUDSON___HYD 24058	123.07 6.18 -39.70	125.28 5.90 -45.59	119.10 5.86 -39.00	116.62 5.55 -40.03	118.12 5.89 -35.77	128.49 8.23 -17.41	154.93 11.68 -10.59	173.88 12.36 -12.54	167.27 12.28 -8.84	152.37 10.56 -19.09	153.91 9.51 -31.19	149.19 7.68 -47.92	140.02 7.36 -43.92	144.16 6.82 -54.25	153.42 6.67 -65.38	163.86 6.21 -48.69	189.31 7.34 -32.24	241.57 9.23 -58.01	236.93 8.44 -72.01	214.32 7.63 -57.11	190.62 6.99 -46.41	183.03 5.47 -68.15	161.48 4.25 -64.83	142.54 6.76 -40.59
UPPER RAQUET___HYD 24056	71.40 -5.79 0.00	68.25 -5.53 0.00	68.75 -5.49 0.00	65.72 -5.33 0.00	71.03 -5.43 0.00	95.45 -7.41 0.00	122.85 -9.82 0.00	141.68 -16.30 0.00	138.99 -7.16 0.00	114.02 -8.71 0.00	105.96 -7.25 0.00	87.79 -5.80 0.00	82.88 -5.86 0.00	77.70 -5.40 0.00	76.00 -5.37 0.00	102.20 -6.76 0.00	139.11 -10.63 0.00	164.39 -9.93 0.00	145.21 -11.27 0.00	139.57 -10.02 0.00	127.75 -9.47 0.00	101.86 -7.55 0.00	86.40 -6.00 0.00	88.90 -6.29 0.00
VALLEY44_115KV_TB2 355964	78.90 -3.86 -5.57	76.48 -3.69 -6.39	75.99 -3.71 -5.47	73.25 -3.41 -5.61	77.19 -4.28 -5.01	99.74 -5.55 -2.44	126.32 -7.83 -1.48	137.78 -12.96 -1.76	134.38 -13.01 -1.24	115.83 -9.57 -2.68	107.73 -9.85 -4.37	92.64 -7.67 -6.72	88.34 -6.57 -6.17	84.23 -6.48 -7.62	84.12 -6.43 -9.18	106.10 -9.70 -6.84	142.28 -11.98 -4.53	169.05 -13.42 -8.14	156.26 -10.33 -10.11	146.84 -10.77 -8.02	132.34 -11.39 -6.52	110.66 -8.32 -9.57	95.41 -6.10 -9.11	96.22 -4.66 -5.70
VALLEY___115KV_TB 1-4 80826	77.97 0.77 0.00	74.52 0.74 0.00	75.06 0.82 0.00	71.97 0.92 0.00	77.61 1.15 0.00	104.50 1.65 0.00	135.05 2.39 0.00	151.96 2.98 0.00	149.21 3.07 0.00	125.79 3.07 0.00	116.03 2.83 0.00	96.12 2.53 0.00	91.14 2.40 0.00	85.43 2.33 0.00	83.73 2.36 0.00	112.12 3.16 0.00	154.38 4.64 0.00	179.73 5.40 0.00	161.48 5.01 0.00	154.08 4.49 0.00	141.06 3.84 0.00	112.58 3.17 0.00	95.08 2.68 0.00	97.94 2.76 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	97.04 6.18 -13.67	95.38 5.90 -15.70	93.61 5.94 -13.43	90.52 5.68 -13.79	94.90 6.12 -12.32	117.18 8.33 -6.00	147.85 11.54 -3.65	165.81 12.51 -4.32	161.91 12.71 -3.05	141.20 11.90 -6.57	135.15 11.21 -10.74	119.55 9.45 -16.50	112.85 8.96 -15.14	110.11 8.31 -18.70	111.88 7.97 -22.54	136.09 10.35 -16.79	174.93 14.08 -11.11	210.88 16.56 -20.00	196.79 15.49 -24.82	183.64 14.36 -19.69	165.97 12.76 -16.00	143.41 10.50 -23.49	123.53 8.78 -22.34	118.12 8.95 -13.99

VISCHER___FERRY HYD 24020	120.32 4.17 -38.96	122.43 3.91 -44.74	116.44 3.93 -38.27	114.09 3.76 -39.28	115.61 4.05 -35.10	125.49 5.55 -17.08	150.34 7.29 -10.39	169.18 7.89 -12.31	162.42 7.59 -8.68	147.83 6.38 -18.73	149.69 5.88 -30.61	145.57 4.96 -47.02	136.53 4.70 -43.09	140.72 4.40 -53.22	149.90 4.39 -64.14	162.28 5.55 -47.77	189.00 7.63 -31.63	240.30 9.06 -56.92	235.41 8.29 -70.65	213.10 7.48 -56.03	189.88 7.13 -45.53	181.95 5.69 -66.86	160.81 4.80 -63.60	140.24 5.23 -39.83
V_A_10_SYNC_DSASP 323832	78.44 -2.93 -4.18	75.78 -2.80 -4.80	75.37 -2.97 -4.11	72.63 -2.63 -4.21	76.94 -3.29 -3.77	100.57 -4.12 -1.83	127.41 -6.37 -1.11	139.43 -10.87 -1.32	135.53 -11.55 -0.93	116.51 -8.22 -2.01	108.56 -7.93 -3.28	92.27 -6.37 -5.04	87.77 -5.59 -4.62	83.57 -5.23 -5.70	83.03 -5.21 -6.87	105.46 -8.61 -5.12	142.05 -11.08 -3.39	167.35 -13.08 -6.10	153.56 -10.48 -7.57	143.18 -12.41 -6.00	131.11 -10.98 -4.88	108.59 -7.98 -7.16	93.49 -5.73 -6.81	95.17 -4.28 -4.27
V_CMM_10_SYNC_DSASP 323787	74.26 -2.93 0.00	70.98 -2.80 0.00	71.42 -2.82 0.00	68.28 -2.77 0.00	73.63 -2.83 0.00	99.16 -3.70 0.00	127.62 -5.04 0.00	144.65 -4.33 0.00	141.90 -4.24 0.00	118.06 -4.66 0.00	109.24 -3.97 0.00	90.41 -3.18 0.00	85.55 -3.19 0.00	80.11 -2.99 0.00	78.44 -2.93 0.00	105.36 -3.59 0.00	144.05 -5.69 0.00	168.06 -6.27 0.00	149.91 -6.57 0.00	144.21 -5.38 0.00	132.28 -4.93 0.00	105.48 -3.93 0.00	89.08 -3.32 0.00	91.76 -3.42 0.00
V_CMP_10_SYNC_DSASP 323788	75.96 -1.24 0.00	72.82 -0.96 0.00	73.27 -0.97 0.00	69.77 -1.28 0.00	75.55 -0.91 0.00	101.93 -0.93 0.00	127.76 -4.91 0.00	142.58 -6.40 0.00	139.72 -6.43 0.00	116.47 -6.25 0.00	110.15 -3.05 0.00	91.72 -1.87 0.00	86.61 -2.13 0.00	81.11 -2.00 0.00	79.58 -1.79 0.00	107.00 -1.96 0.00	142.85 -6.89 0.00	167.70 -6.62 0.00	149.75 -6.72 0.00	144.21 -5.38 0.00	132.00 -5.21 0.00	107.11 -2.30 0.00	91.02 -1.38 0.00	95.18 0.00 0.00
V_D_10_SYNC_DSASP 323841	73.57 -3.63 0.00	70.39 -3.39 0.00	70.82 -3.41 0.00	67.64 -3.41 0.00	72.94 -3.52 0.00	98.33 -4.52 0.00	126.43 -6.23 0.00	144.81 -4.17 0.00	142.05 -4.09 0.00	116.96 -5.77 0.00	108.45 -4.75 0.00	89.84 -3.75 0.00	84.93 -3.81 0.00	79.61 -3.49 0.00	77.95 -3.41 0.00	104.70 -4.25 0.00	142.85 -6.89 0.00	168.06 -6.27 0.00	148.65 -7.82 0.00	143.16 -6.43 0.00	131.18 -6.03 0.00	104.60 -4.81 0.00	88.43 -3.97 0.00	91.09 -4.09 0.00
V_E_10_SYNC_DSASP 323830	94.45 7.49 -9.77	92.15 7.15 -11.22	91.03 7.20 -9.60	88.00 7.10 -9.85	93.22 7.95 -8.80	118.65 11.52 -4.28	152.12 16.85 -2.60	170.38 18.32 -3.09	166.00 17.68 -2.18	143.14 15.71 -4.70	135.14 14.26 -7.68	117.37 11.98 -11.79	110.79 11.18 -10.86	107.07 10.56 -13.42	107.87 10.33 -16.17	135.49 14.49 -12.04	179.12 21.41 -7.97	215.16 26.49 -14.35	199.16 24.88 -17.81	185.40 21.68 -14.12	168.04 19.35 -11.48	141.69 15.43 -16.85	120.63 12.20 -16.03	117.59 12.37 -10.04
V_F_30_NSYNC___DSASP 323816	122.20 5.40 -39.60	124.42 5.16 -45.47	118.25 5.12 -38.90	115.87 4.90 -39.93	117.34 5.20 -35.68	127.31 7.09 -17.36	152.90 9.68 -10.56	171.92 10.42 -12.51	165.19 10.23 -8.82	150.48 8.71 -19.04	152.24 7.92 -31.11	147.84 6.45 -47.80	138.75 6.21 -43.80	142.93 5.73 -54.10	152.27 5.69 -65.21	164.28 6.76 -48.57	191.18 9.29 -32.15	243.35 11.17 -57.86	238.46 10.16 -71.82	215.83 9.28 -56.96	192.15 8.65 -46.29	184.28 6.90 -67.97	162.70 5.64 -64.66	142.23 6.56 -40.49
V_F_30_SYNC_DSASP 323786	119.36 3.40 -38.77	121.47 3.17 -44.52	115.51 3.19 -38.08	113.19 3.06 -39.09	114.68 3.29 -34.93	124.27 4.42 -17.00	148.04 5.04 -10.34	166.29 5.07 -12.25	160.04 5.26 -8.64	145.90 4.54 -18.64	147.74 4.08 -30.46	143.75 3.37 -46.79	134.93 3.28 -42.90	139.17 3.07 -52.99	148.24 3.01 -63.86	160.44 3.92 -47.57	186.77 5.54 -31.49	237.62 6.62 -56.67	232.76 5.95 -70.34	210.91 5.53 -55.79	187.63 5.08 -45.33	180.03 4.05 -66.57	159.15 3.42 -63.33	138.26 3.43 -39.65
V_XM_10_SYNC_DSASP 323789	75.96 -1.24 0.00	72.82 -0.96 0.00	73.27 -0.97 0.00	69.77 -1.28 0.00	75.55 -0.91 0.00	101.93 -0.93 0.00	127.76 -4.91 0.00	142.58 -6.40 0.00	139.72 -6.43 0.00	116.47 -6.25 0.00	110.15 -3.05 0.00	91.72 -1.87 0.00	86.61 -2.13 0.00	81.11 -2.00 0.00	79.58 -1.79 0.00	107.00 -1.96 0.00	142.85 -6.89 0.00	167.70 -6.62 0.00	149.75 -6.72 0.00	144.21 -5.38 0.00	132.00 -5.21 0.00	107.11 -2.30 0.00	91.02 -1.38 0.00	95.18 0.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	113.45 6.18 -30.08	114.07 5.75 -34.54	109.64 5.86 -29.54	106.99 5.61 -30.33	109.52 5.96 -27.10	124.06 8.02 -13.19	151.30 10.61 -8.02	170.10 11.62 -9.50	164.97 12.13 -6.70	148.33 10.80 -14.80	146.57 9.74 -23.63	137.96 8.05 -36.32	129.78 7.63 -33.40	131.33 7.06 -41.17	137.73 6.83 -49.53	155.05 8.93 -37.16	188.44 12.88 -25.83	239.34 15.51 -49.50	228.49 14.40 -57.62	206.17 13.31 -43.26	183.35 10.98 -35.16	170.01 8.97 -51.63	149.37 7.85 -49.11	133.64 7.71 -30.75
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	115.20 6.87 -31.14	115.88 6.35 -35.76	111.28 6.46 -30.59	108.63 6.18 -31.40	111.09 6.58 -28.06	125.56 9.05 -13.65	152.78 11.81 -8.31	172.08 13.26 -9.84	166.83 13.74 -6.95	156.84 12.40 -21.72	148.93 11.21 -24.52	140.73 9.27 -37.87	134.71 8.87 -37.09	135.24 8.14 -44.00	140.47 7.81 -51.29	163.01 10.46 -43.59	214.26 15.12 -49.40	265.55 17.96 -73.27	244.74 16.43 -71.84	209.50 15.11 -44.80	186.10 12.49 -36.40	173.04 10.18 -53.46	152.13 8.87 -50.86	135.59 8.57 -31.84
W50THST__13_KV_LOAD 356117	115.59 7.26 -31.14	116.18 6.64 -35.76	111.58 6.76 -30.59	108.91 6.47 -31.40	111.48 6.96 -28.06	125.97 9.46 -13.65	153.44 12.47 -8.31	172.68 13.85 -9.84	167.56 14.47 -6.95	157.57 13.13 -21.72	149.61 11.89 -24.52	141.29 9.83 -37.87	135.24 9.41 -37.09	135.83 8.73 -44.00	140.96 8.30 -51.29	163.77 11.22 -43.59	215.16 16.02 -49.40	266.59 19.00 -73.27	245.68 17.37 -71.84	210.40 16.01 -44.80	186.65 13.04 -36.40	173.48 10.61 -53.46	152.50 9.24 -50.86	135.97 8.95 -31.84
WADING RIVER_IC_1 23522	138.35 9.65 -51.51	130.93 9.00 -48.16	120.56 9.58 -36.74	111.67 9.23 -31.39	120.13 9.87 -33.80	129.15 12.65 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	153.02 14.72 -15.58	151.04 13.35 -24.48	150.02 12.26 -44.17	148.32 11.71 -47.86	149.13 10.97 -55.06	150.00 10.50 -58.13	161.36 13.73 -38.67	197.89 20.36 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.81 19.44 -44.78	191.17 17.57 -36.39	176.30 13.45 -53.44	155.53 12.29 -50.84	148.59 12.66 -40.74
WADING RIVER_IC_2 23547	138.35 9.65 -51.51	130.93 9.00 -48.16	120.56 9.58 -36.74	111.67 9.23 -31.39	120.13 9.87 -33.80	129.15 12.65 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	153.02 14.72 -15.58	151.04 13.35 -24.48	150.02 12.26 -44.17	148.32 11.71 -47.86	149.13 10.97 -55.06	150.00 10.50 -58.13	161.36 13.73 -38.67	197.89 20.36 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.81 19.44 -44.78	191.17 17.57 -36.39	176.30 13.45 -53.44	155.53 12.29 -50.84	148.59 12.66 -40.74
WADING RIVER_IC_3 23601	138.35 9.65 -51.51	130.93 9.00 -48.16	120.56 9.58 -36.74	111.67 9.23 -31.39	120.13 9.87 -33.80	129.15 12.65 -13.65	155.56 14.59 -8.30	175.06 16.24 -9.84	169.45 16.36 -6.94	153.02 14.72 -15.58	151.04 13.35 -24.48	150.02 12.26 -44.17	148.32 11.71 -47.86	149.13 10.97 -55.06	150.00 10.50 -58.13	161.36 13.73 -38.67	197.89 20.36 -27.79	253.93 24.22 -55.38	240.01 21.60 -61.94	213.81 19.44 -44.78	191.17 17.57 -36.39	176.30 13.45 -53.44	155.53 12.29 -50.84	148.59 12.66 -40.74

WALDENNY_12_KV_BK2 80841	79.17 -3.01 -4.99	76.63 -2.88 -5.73	76.10 -3.04 -4.90	73.31 -2.77 -5.03	77.44 -3.52 -4.50	100.72 -4.32 -2.19	126.57 -7.43 -1.33	137.45 -13.11 -1.58	134.25 -13.01 -1.11	115.68 -9.45 -2.40	107.73 -9.40 -3.92	92.60 -7.02 -6.03	88.06 -6.21 -5.53	83.95 -5.98 -6.83	83.66 -5.94 -8.23	105.93 -9.15 -6.13	142.42 -11.38 -4.06	168.73 -12.90 -7.30	155.37 -10.17 -9.06	146.46 -10.32 -7.19	131.94 -11.11 -5.84	109.67 -8.32 -8.58	94.91 -5.64 -8.15	96.19 -4.09 -5.10
WALDEN___HYDRO 24148	113.46 6.02 -30.24	114.12 5.61 -34.73	109.66 5.72 -29.71	106.94 5.40 -30.49	109.52 5.81 -27.25	123.93 7.82 -13.26	151.08 10.35 -8.06	169.41 10.88 -9.56	164.13 11.25 -6.74	147.11 9.82 -14.56	145.79 8.83 -23.76	137.40 7.30 -36.51	129.13 6.92 -33.46	130.83 6.40 -41.33	137.36 6.18 -49.80	154.24 8.17 -37.11	186.55 12.13 -24.69	234.56 14.99 -45.24	225.53 13.61 -55.44	205.66 12.57 -43.50	183.00 10.43 -35.35	169.97 8.64 -51.91	149.27 7.48 -49.38	133.44 7.33 -30.92
WARRENSBURG___ 23737	123.07 6.18 -39.70	125.28 5.90 -45.59	119.10 5.86 -39.00	116.62 5.55 -40.03	118.12 5.89 -35.77	128.49 8.23 -17.41	154.93 11.68 -10.59	173.88 12.36 -12.54	167.27 12.28 -8.84	152.37 10.56 -19.09	153.91 9.51 -31.19	149.19 7.68 -47.92	140.02 7.36 -43.92	144.16 6.82 -54.25	153.42 6.67 -65.38	163.86 6.21 -48.69	189.31 7.34 -32.24	241.57 9.23 -58.01	236.93 8.44 -72.01	214.32 7.63 -57.11	190.62 6.99 -46.41	183.03 5.47 -68.15	161.48 4.25 -64.83	142.54 6.76 -40.59
WATERSIDE___6 8 9 23538	115.76 7.41 -31.15	116.34 6.79 -35.77	111.74 6.90 -30.60	109.06 6.61 -31.41	111.64 7.11 -28.07	126.08 9.57 -13.66	153.45 12.47 -8.31	172.68 13.85 -9.85	167.13 14.03 -6.95	160.94 12.52 -25.69	149.08 11.32 -24.56	141.09 9.45 -38.04	136.36 8.96 -38.66	136.27 8.31 -44.86	140.81 8.14 -51.31	166.31 10.57 -46.78	228.26 15.12 -63.40	276.78 17.61 -84.85	250.99 16.27 -78.25	209.67 15.26 -44.82	186.38 12.76 -36.41	173.27 10.39 -53.47	152.52 9.24 -50.87	136.17 9.14 -31.85
WATKINRD_115KV_LN8_ILLION 55919	78.43 1.24 0.00	74.96 1.18 0.00	75.50 1.26 0.00	72.33 1.28 0.00	77.91 1.45 0.00	104.81 1.95 0.00	135.45 2.79 0.00	152.11 3.13 0.00	149.36 3.22 0.00	125.79 3.07 0.00	115.92 2.72 0.00	95.93 2.34 0.00	91.05 2.31 0.00	85.26 2.16 0.00	83.48 2.12 0.00	111.79 2.83 0.00	153.93 4.19 0.00	179.21 4.88 0.00	161.01 4.54 0.00	153.63 4.04 0.00	140.78 3.57 0.00	112.36 2.95 0.00	94.90 2.49 0.00	97.66 2.47 0.00
WATSON___69_KV_BK 1 55734	138.43 9.73 -51.51	131.08 9.15 -48.16	120.26 9.28 -36.74	111.32 8.88 -31.39	119.82 9.56 -33.80	129.26 12.75 -13.65	157.15 16.19 -8.30	176.54 17.73 -9.84	171.06 17.98 -6.93	154.63 16.32 -15.58	152.63 14.94 -24.48	150.12 12.35 -44.17	148.41 11.80 -47.87	149.13 10.97 -55.06	150.24 10.74 -58.13	160.92 13.29 -38.67	196.40 18.87 -27.79	251.50 21.79 -55.38	239.07 20.65 -61.94	213.07 18.70 -44.78	189.25 15.64 -36.39	175.10 12.25 -53.44	154.23 11.00 -50.84	148.20 12.28 -40.74
WDELAWARE___HYD 323627	112.24 6.95 -28.09	112.54 6.49 -32.26	108.44 6.60 -27.60	105.55 6.18 -28.33	108.50 6.73 -25.31	124.32 9.15 -12.32	151.69 11.54 -7.49	169.92 12.06 -8.88	164.82 12.42 -6.26	146.90 10.67 -13.51	144.67 9.39 -22.07	135.18 7.68 -33.91	127.28 7.46 -31.08	128.38 6.89 -38.39	134.31 6.67 -46.26	153.01 9.59 -34.46	186.78 14.23 -22.81	233.17 17.79 -41.05	223.40 15.97 -50.96	204.67 14.67 -40.41	182.41 12.35 -32.84	167.70 10.06 -48.23	147.15 8.87 -45.88	132.29 8.38 -28.73
WEST BABYLON___IC 23714	138.05 9.34 -51.51	130.72 8.78 -48.16	119.89 8.91 -36.74	110.89 8.45 -31.39	119.36 9.10 -33.80	128.64 12.14 -13.65	156.62 15.65 -8.30	175.95 17.13 -9.84	170.47 17.39 -6.93	154.01 15.71 -15.58	152.06 14.38 -24.48	149.65 11.89 -44.17	147.88 11.27 -47.87	148.72 10.55 -55.06	149.83 10.33 -58.13	160.49 12.86 -38.67	195.95 18.42 -27.79	251.32 21.62 -55.38	238.60 20.19 -61.94	212.77 18.40 -44.78	188.98 15.37 -36.39	174.89 12.04 -53.44	153.87 10.63 -50.84	147.63 11.71 -40.74
WEST CANADA___HYD 24049	78.27 1.08 0.00	74.81 1.03 0.00	75.28 1.04 0.00	72.12 1.07 0.00	77.61 1.15 0.00	104.40 1.55 0.00	134.52 1.86 0.00	151.22 2.24 0.00	148.34 2.20 0.00	124.81 2.08 0.00	115.13 1.92 0.00	95.18 1.59 0.00	90.25 1.51 0.00	84.51 1.41 0.00	82.75 1.38 0.00	110.81 1.85 0.00	152.44 2.70 0.00	177.29 2.96 0.00	159.29 2.82 0.00	152.13 2.54 0.00	139.40 2.19 0.00	111.27 1.86 0.00	94.07 1.67 0.00	96.80 1.62 0.00
WESTERN_NY_WIND 24143	79.93 -1.62 -4.35	77.01 -1.77 -5.00	76.59 -1.93 -4.28	73.80 -1.63 -4.39	78.32 -2.06 -3.92	102.50 -2.26 -1.91	129.45 -4.38 -1.16	140.82 -9.53 -1.38	137.62 -9.50 -0.97	118.19 -6.63 -2.09	109.83 -6.79 -3.42	93.61 -5.24 -5.26	88.77 -4.79 -4.82	84.48 -4.57 -5.95	84.07 -4.48 -7.18	107.11 -7.19 -5.34	145.04 -8.24 -3.54	172.15 -8.54 -6.37	157.65 -6.73 -7.90	148.98 -6.88 -6.27	134.35 -7.96 -5.09	110.76 -6.13 -7.48	95.35 -4.16 -7.10	96.77 -2.86 -4.45
WESTOVER___LESR 323668	88.53 1.24 -10.10	86.63 1.25 -11.59	85.42 1.26 -9.92	82.51 1.28 -10.18	86.78 1.22 -9.10	108.82 1.54 -4.43	137.48 2.12 -2.69	153.21 1.04 -3.19	149.56 1.17 -2.25	129.05 1.47 -4.85	122.15 1.02 -7.93	106.71 0.94 -12.19	100.91 0.98 -11.19	97.83 0.91 -13.82	98.92 0.90 -16.65	122.34 0.98 -12.40	159.90 1.95 -8.21	191.72 2.61 -14.78	177.95 3.13 -18.34	166.68 2.54 -14.55	150.68 1.65 -11.82	128.19 1.42 -17.36	110.20 1.29 -16.51	107.23 1.71 -10.34
WETHRSFD_WT_PWR 323626	80.62 -2.31 -5.74	78.16 -2.21 -6.60	77.65 -2.23 -5.64	74.78 -2.06 -5.79	79.04 -2.60 -5.17	102.18 -3.19 -2.52	129.43 -4.77 -1.53	141.56 -9.24 -1.82	137.63 -9.79 -1.28	118.62 -6.87 -2.76	111.04 -6.68 -4.51	95.19 -5.33 -6.93	90.39 -4.71 -6.36	86.46 -4.49 -7.85	86.52 -4.32 -9.46	109.03 -6.98 -7.05	146.02 -8.38 -4.67	173.13 -9.59 -8.40	159.70 -7.20 -10.42	148.44 -9.42 -8.27	135.56 -8.37 -6.72	113.15 -6.12 -9.86	97.45 -4.34 -9.38	98.21 -2.85 -5.88
WHAVSTOR_138KV_BK127 55557	113.25 5.94 -30.11	113.89 5.53 -34.58	109.45 5.64 -29.57	106.73 5.33 -30.36	109.25 5.66 -27.13	123.67 7.61 -13.20	150.77 10.08 -8.03	169.66 11.17 -9.51	164.40 11.55 -6.71	147.85 10.31 -14.82	146.14 9.28 -23.66	137.62 7.67 -36.36	129.55 7.37 -33.44	131.13 6.81 -41.21	137.46 6.51 -49.58	154.77 8.61 -37.21	188.04 12.43 -25.87	238.75 14.82 -49.61	227.96 13.77 -57.72	205.62 12.72 -43.31	182.84 10.43 -35.19	169.74 8.64 -51.68	149.14 7.58 -49.16	133.39 7.42 -30.79
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	113.25 5.94 -30.11	113.89 5.53 -34.58	109.45 5.64 -29.57	106.73 5.33 -30.36	109.25 5.66 -27.13	123.67 7.61 -13.20	150.77 10.08 -8.03	169.66 11.17 -9.51	164.40 11.55 -6.71	147.85 10.31 -14.82	146.14 9.28 -23.66	137.62 7.67 -36.36	129.55 7.37 -33.44	131.13 6.81 -41.21	137.46 6.51 -49.58	154.77 8.61 -37.21	188.04 12.43 -25.87	238.75 14.82 -49.61	227.96 13.77 -57.72	205.62 12.72 -43.31	182.84 10.43 -35.19	169.74 8.64 -51.68	149.14 7.58 -49.16	133.39 7.42 -30.79
WHITEHAL_115KV_TB1 80871	124.19 7.33 -39.66	126.33 7.01 -45.54	120.17 6.98 -38.96	117.64 6.61 -39.99	119.23 7.03 -35.73	130.12 9.87 -17.39	157.57 14.33 -10.57	176.71 15.20 -12.53	170.18 15.20 -8.83	154.68 12.89 -19.07	156.02 11.66 -31.16	150.82 9.36 -47.87	141.49 8.87 -43.87	145.52 8.23 -54.19	154.73 8.06 -65.31	168.49 10.90 -48.64	196.62 14.67 -32.20	250.41 18.13 -57.95	245.00 16.59 -71.94	222.05 15.41 -57.05	197.43 13.86 -46.36	188.43 10.94 -68.07	165.66 8.50 -64.76	144.20 8.47 -40.55

WHITEPLN_13_KV_LOAD 356215	115.19 6.95 -31.05	115.93 6.49 -35.66	111.34 6.61 -30.50	108.61 6.25 -31.31	111.16 6.73 -27.98	125.52 9.05 -13.61	153.01 12.07 -8.28	172.35 13.56 -9.81	167.09 14.03 -6.92	150.84 12.64 -15.47	149.15 11.55 -24.40	140.45 9.36 -37.50	132.35 9.05 -34.56	133.95 8.31 -42.54	140.55 8.06 -51.13	158.26 10.79 -38.52	192.76 15.57 -27.45	246.99 18.48 -54.19	234.57 16.90 -61.20	209.96 15.71 -44.66	186.55 13.04 -36.29	173.21 10.50 -53.30	152.16 9.06 -50.70	135.88 8.95 -31.75
WM_FLOYD_69_KV_BK2 356380	138.20 9.49 -51.51	130.86 8.93 -48.16	120.26 9.28 -36.74	111.39 8.95 -31.39	119.82 9.56 -33.80	128.95 12.45 -13.65	156.62 15.65 -8.30	175.80 16.98 -9.84	170.47 17.39 -6.93	154.26 15.95 -15.58	152.18 14.49 -24.48	149.93 12.17 -44.17	148.14 11.54 -47.87	148.97 10.80 -55.06	150.16 10.66 -58.13	160.49 12.86 -38.67	195.35 17.82 -27.79	249.23 19.52 -55.38	237.66 19.25 -61.94	211.73 17.35 -44.78	188.29 14.68 -36.39	174.23 11.38 -53.44	153.77 10.53 -50.84	148.11 12.18 -40.74
WOODARD__115KV_TB2 355635	79.69 -0.31 -2.81	76.71 -0.30 -3.23	76.70 -0.30 -2.76	73.60 -0.28 -2.83	78.61 -0.38 -2.53	103.47 -0.62 -1.23	132.62 -0.80 -0.75	148.23 -1.64 -0.89	145.31 -1.46 -0.63	123.22 -0.86 -1.35	114.62 -0.79 -2.21	96.42 -0.56 -3.39	91.40 -0.44 -3.10	86.52 -0.42 -3.83	85.58 -0.41 -4.62	111.64 -0.76 -3.44	150.97 -1.05 -2.28	177.73 -0.70 -4.10	161.25 -0.31 -5.09	153.03 -0.60 -4.04	139.54 -0.96 -3.28	113.46 -0.77 -4.82	96.32 -0.65 -4.56	97.47 -0.57 -2.86
YORK___WARBASSE 23770	116.22 7.87 -31.15	116.78 7.23 -35.77	112.19 7.35 -30.60	109.42 6.96 -31.41	112.02 7.49 -28.07	126.60 10.08 -13.66	154.11 13.13 -8.31	173.13 14.30 -9.85	167.42 14.32 -6.95	161.31 12.89 -25.69	149.42 11.66 -24.56	141.27 9.64 -38.04	136.54 9.14 -38.66	136.52 8.56 -44.86	140.98 8.30 -51.31	166.85 11.11 -46.78	228.86 15.72 -63.40	278.00 18.83 -84.85	251.93 17.21 -78.25	210.71 16.31 -44.82	186.93 13.31 -36.41	173.71 10.83 -53.47	153.07 9.79 -50.87	136.65 9.61 -31.85