

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/28/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	109.58	108.03	104.14	101.95	112.10	115.65	127.71	161.16	144.66	125.96	122.10	118.12	114.33	112.73	115.00	132.21	156.83	196.24	191.57	170.49	167.34	143.02	125.84	123.46
	5.36	5.14	5.13	5.13	5.01	5.40	6.06	7.18	8.01	8.15	8.17	8.17	7.90	7.66	8.15	8.55	8.39	15.98	15.87	10.80	12.39	9.17	7.35	6.71
	-32.81	-31.55	-27.73	-25.55	-35.53	-38.24	-42.98	-66.45	-48.68	-30.19	-26.12	-22.14	-18.73	-18.94	-19.24	-35.50	-60.18	-12.09	-5.14	-43.57	-14.17	-29.67	-30.94	-29.57
74TH STREET_GT_1 24260	109.44	107.89	104.07	101.81	112.03	115.44	127.48	160.99	144.40	125.70	121.83	117.86	114.06	112.47	114.74	131.78	156.49	195.73	191.23	170.15	166.92	142.81	125.67	123.21
	5.21	4.99	5.06	4.99	4.94	5.18	5.82	7.00	7.74	7.89	7.90	7.90	7.63	7.41	7.89	8.11	8.03	15.47	15.52	10.45	11.97	8.96	7.18	6.45
	-32.82	-31.55	-27.74	-25.55	-35.54	-38.25	-42.99	-66.46	-48.68	-30.20	-26.12	-22.15	-18.73	-18.95	-19.24	-35.51	-60.20	-12.09	-5.14	-43.59	-14.17	-29.67	-30.95	-29.58
74TH STREET_GT_2 24261	109.44	107.89	104.07	101.81	112.03	115.44	127.48	160.99	144.40	125.70	121.83	117.86	114.06	112.47	114.74	131.78	156.49	195.73	191.23	170.15	166.92	142.81	125.67	123.21
	5.21	4.99	5.06	4.99	4.94	5.18	5.82	7.00	7.74	7.89	7.90	7.90	7.63	7.41	7.89	8.11	8.03	15.47	15.52	10.45	11.97	8.96	7.18	6.45
	-32.82	-31.55	-27.74	-25.55	-35.54	-38.25	-42.99	-66.46	-48.68	-30.20	-26.12	-22.15	-18.73	-18.95	-19.24	-35.51	-60.20	-12.09	-5.14	-43.59	-14.17	-29.67	-30.95	-29.58
ADK HUDSON___FALLS 24011	118.80	116.99	112.10	109.27	122.53	126.65	188.90	211.28	190.46	133.32	128.48	123.38	118.87	117.25	119.24	140.88	172.74	223.65	209.78	224.57	215.74	151.40	134.63	132.15
	6.00	5.85	5.84	5.77	6.15	6.41	7.24	8.14	8.36	7.62	7.73	7.64	7.54	7.23	7.36	7.93	8.56	16.82	16.89	11.38	13.37	9.79	8.05	7.67
	-41.39	-39.79	-34.98	-32.23	-44.82	-48.24	-102.99	-115.61	-94.12	-38.08	-32.95	-27.93	-23.62	-23.89	-24.26	-44.78	-75.93	-38.66	-22.33	-97.08	-61.59	-37.42	-39.03	-37.31
ADK RESOURCE___RCVRY 23798	119.20	117.38	112.49	109.73	123.01	127.21	189.96	212.28	191.46	133.98	129.14	124.02	119.42	117.80	119.80	141.46	173.71	225.24	211.31	225.83	217.16	152.16	135.20	132.81
	6.35	6.20	6.20	6.20	6.58	6.91	7.79	8.75	8.98	8.23	8.35	8.25	8.06	7.75	7.89	8.46	9.45	18.17	18.26	12.19	14.37	10.52	8.58	8.29
	-41.43	-39.84	-35.02	-32.26	-44.87	-48.29	-103.50	-116.00	-94.50	-38.13	-32.98	-27.96	-23.65	-23.92	-24.29	-44.83	-76.00	-38.90	-22.49	-97.53	-62.01	-37.46	-39.07	-37.35
ADK S GLENS___FALLS 24028	118.80	116.99	112.10	109.27	122.53	126.65	188.90	211.28	190.46	133.32	128.48	123.38	118.87	117.25	119.24	140.88	172.74	223.65	209.78	224.57	215.74	151.40	134.63	132.15
	6.00	5.85	5.84	5.77	6.15	6.41	7.24	8.14	8.36	7.62	7.73	7.64	7.54	7.23	7.36	7.93	8.56	16.82	16.89	11.38	13.37	9.79	8.05	7.67
	-41.39	-39.79	-34.98	-32.23	-44.82	-48.24	-102.99	-115.61	-94.12	-38.08	-32.95	-27.93	-23.62	-23.89	-24.26	-44.78	-75.93	-38.66	-22.33	-97.08	-61.59	-37.42	-39.03	-37.31
ADK_NYS___DAM 23527	116.42	114.66	109.87	107.28	119.81	123.80	170.00	196.56	176.05	130.67	125.92	121.16	116.99	115.46	117.42	137.72	168.21	211.23	200.20	206.68	198.55	148.20	131.94	129.62
	5.07	4.92	4.85	4.91	5.01	5.25	5.90	6.57	6.60	6.31	6.33	6.41	6.49	6.28	6.39	6.35	6.70	12.44	12.62	8.94	10.84	7.91	6.74	6.45
	-39.93	-38.39	-33.75	-31.09	-43.25	-46.55	-85.43	-102.46	-81.46	-36.74	-31.79	-26.95	-22.79	-23.05	-23.41	-43.21	-73.25	-30.61	-17.02	-81.63	-46.93	-36.10	-37.66	-35.99
AIR_PRODUCTS___DRP 24190	113.69	112.08	107.29	104.62	117.16	121.07	152.24	183.38	162.72	127.40	122.72	118.05	113.95	112.49	113.78	133.90	163.66	195.68	186.72	188.10	177.80	142.43	127.62	126.02
	2.29	2.28	2.21	2.21	2.29	2.45	2.28	2.54	2.73	2.98	3.07	3.25	3.42	3.27	2.72	2.47	2.03	3.70	3.75	2.55	2.82	2.08	2.36	2.79
	-40.00	-38.46	-33.80	-31.14	-43.31	-46.62	-71.29	-93.31	-72.01	-36.80	-31.84	-26.99	-22.83	-23.09	-23.45	-43.27	-73.37	-23.81	-12.40	-69.43	-34.21	-36.16	-37.72	-36.05
AKWESSNE_115KV_BK 355683	71.20	71.20	71.27	71.34	71.34	71.21	77.57	86.39	86.13	86.21	86.23	86.23	86.30	85.00	86.39	86.40	86.32	164.64	167.32	114.03	138.95	103.14	86.58	86.65
	-0.21	-0.14	0.00	0.07	-0.21	-0.79	-1.10	-1.14	-1.85	-1.40	-1.58	-1.58	-1.40	-1.12	-1.23	-1.76	-1.94	-3.53	-3.24	-2.09	-1.83	-1.04	-0.96	-0.52
	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	113.85	112.26	107.62	104.93	117.34	121.12	145.27	178.32	157.81	127.19	122.51	117.75	113.55	112.17	113.81	134.03	163.78	195.05	187.39	183.15	173.69	143.67	128.28	126.26
	3.14	3.14	3.13	3.06	3.22	3.31	3.30	3.50	3.61	3.41	3.42	3.42	3.42	3.36	3.15	3.35	3.44	6.73	6.83	4.65	5.35	3.96	3.68	3.66
	-39.30	-37.78	-33.22	-30.60	-42.56	-45.81	-63.29	-87.29	-66.22	-36.16	-31.29	-26.52	-22.43	-22.69	-23.04	-42.52	-72.09	-20.15	-9.99	-62.39	-27.56	-35.53	-37.06	-35.42
ALBANY_2_SOLAR 323834	113.78	112.20	107.55	104.94	117.34	121.05	145.26	178.32	157.81	127.19	122.43	117.75	113.55	112.17	113.81	133.95	163.79	195.05	187.20	183.03	173.68	143.68	128.28	126.26
	3.07	3.07	3.06	3.06	3.22	3.24	3.30	3.50	3.61	3.41	3.34	3.42	3.42	3.36	3.15	3.26	3.44	6.73	6.65	4.52	5.35	3.96	3.68	3.66
	-39.30	-37.79	-33.22	-30.60	-42.56	-45.81	-63.29	-87.29	-66.22	-36.16	-31.29	-26.52	-22.43	-22.69	-23.04	-42.52	-72.09	-20.15	-9.99	-62.39	-27.55	-35.53	-37.06	-35.43
ALBANY___1 23571	113.69	112.08	107.29	104.62	117.16	121.07	152.24	183.38	162.72	127.40	122.72	118.05	113.95	112.49	113.78	133.90	163.66	195.68	186.72	188.10	177.80	142.43	127.62	126.02
	2.29	2.28	2.21	2.21	2.29	2.45	2.28	2.54	2.73	2.98	3.07	3.25	3.42	3.27	2.72	2.47	2.03	3.70	3.75	2.55	2.82	2.08	2.36	2.79
	-40.00	-38.46	-33.80	-31.14	-43.31	-46.62	-71.29	-93.31	-72.01	-36.80	-31.84	-26.99	-22.83	-23.09	-23.45	-43.27	-73.37	-23.81	-12.40	-69.43	-34.21	-36.16	-37.72	-36.05

ALBANY___2 23572	113.69 2.29 -40.00	112.08 2.28 -38.46	107.29 2.21 -33.80	104.62 2.21 -31.14	117.16 2.29 -43.31	121.07 2.45 -46.62	152.24 2.28 -71.29	183.38 2.54 -93.31	162.72 2.73 -72.01	127.40 2.98 -36.80	122.72 3.07 -31.84	118.05 3.25 -26.99	113.95 3.42 -22.83	112.49 3.27 -23.09	113.78 2.72 -23.45	133.90 2.47 -43.27	163.66 2.03 -73.37	195.68 3.70 -23.81	186.72 3.75 -12.40	188.10 2.55 -69.43	177.80 2.82 -34.21	142.43 2.08 -36.16	127.62 2.36 -37.72	126.02 2.79 -36.05
ALBANY___3 23573	113.69 2.29 -40.00	112.08 2.28 -38.46	107.29 2.21 -33.80	104.62 2.21 -31.14	117.16 2.29 -43.31	121.07 2.45 -46.62	152.24 2.28 -71.29	183.38 2.54 -93.31	162.72 2.73 -72.01	127.40 2.98 -36.80	122.72 3.07 -31.84	118.05 3.25 -26.99	113.95 3.42 -22.83	112.49 3.27 -23.09	113.78 2.72 -23.45	133.90 2.47 -43.27	163.66 2.03 -73.37	195.68 3.70 -23.81	186.72 3.75 -12.40	188.10 2.55 -69.43	177.80 2.82 -34.21	142.43 2.08 -36.16	127.62 2.36 -37.72	126.02 2.79 -36.05
ALBANY___4 23574	113.69 2.29 -40.00	112.08 2.28 -38.46	107.29 2.21 -33.80	104.62 2.21 -31.14	117.16 2.29 -43.31	121.07 2.45 -46.62	152.24 2.28 -71.29	183.38 2.54 -93.31	162.72 2.73 -72.01	127.40 2.98 -36.80	122.72 3.07 -31.84	118.05 3.25 -26.99	113.95 3.42 -22.83	112.49 3.27 -23.09	113.78 2.72 -23.45	133.90 2.47 -43.27	163.66 2.03 -73.37	195.68 3.70 -23.81	186.72 3.75 -12.40	188.10 2.55 -69.43	177.80 2.82 -34.21	142.43 2.08 -36.16	127.62 2.36 -37.72	126.02 2.79 -36.05
ALBANY___LFGE 323615	114.63 2.78 -40.43	113.00 2.78 -38.88	108.15 2.71 -34.18	105.46 2.71 -31.48	118.21 2.87 -43.79	122.08 2.95 -47.13	164.02 2.99 -82.36	191.82 3.24 -101.05	171.22 3.52 -79.71	128.50 3.68 -37.21	123.86 3.86 -32.19	119.14 4.04 -27.29	114.91 4.12 -23.08	113.52 4.05 -23.34	114.83 3.51 -23.71	135.26 3.35 -43.75	165.51 3.09 -74.17	202.90 5.72 -29.01	192.07 5.62 -15.89	199.02 3.83 -79.08	189.10 4.50 -43.81	143.97 3.23 -36.56	128.82 3.15 -38.13	126.67 3.05 -36.45
ALCOA_PA_115KV_PL-6C 55860	71.41 0.00 0.00	71.49 0.14 0.00	71.56 0.29 0.00	71.56 0.29 0.00	71.56 0.00 0.00	71.35 -0.65 0.00	77.73 -0.94 0.00	86.57 -0.96 0.00	86.31 -1.67 0.00	86.39 -1.23 0.00	86.49 -1.32 0.00	86.49 -1.32 0.00	86.48 -1.23 0.00	85.17 -0.95 0.00	86.65 -0.96 0.00	86.58 -1.59 0.00	86.58 -1.68 0.00	164.98 -3.20 0.00	167.67 -2.90 0.00	114.26 -1.86 0.00	139.38 -1.41 0.00	103.45 -0.73 0.00	86.84 -0.70 0.00	87.00 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	71.41 0.00 0.00	71.49 0.14 0.00	71.56 0.29 0.00	71.56 0.29 0.00	71.56 0.00 0.00	71.35 -0.65 0.00	77.73 -0.94 0.00	86.57 -0.96 0.00	86.31 -1.67 0.00	86.39 -1.23 0.00	86.49 -1.32 0.00	86.49 -1.32 0.00	86.48 -1.23 0.00	85.17 -0.95 0.00	86.65 -0.96 0.00	86.58 -1.59 0.00	86.58 -1.68 0.00	164.98 -3.20 0.00	167.67 -2.90 0.00	114.26 -1.86 0.00	139.38 -1.41 0.00	103.45 -0.73 0.00	86.84 -0.70 0.00	87.00 -0.17 0.00
ALCOA___DSASP 323711	71.41 0.00 0.00	71.49 0.14 0.00	71.56 0.29 0.00	71.56 0.29 0.00	71.56 0.00 0.00	71.35 -0.65 0.00	77.73 -0.94 0.00	86.57 -0.96 0.00	86.31 -1.67 0.00	86.39 -1.23 0.00	86.49 -1.31 0.00	86.49 -1.31 0.00	86.56 -1.14 0.00	85.18 -0.95 0.00	86.65 -0.96 0.00	86.58 -1.58 0.00	86.67 -1.59 0.00	164.97 -3.20 0.00	167.83 -2.74 0.00	114.25 -1.86 0.00	139.38 -1.41 0.00	103.46 -0.72 0.00	86.84 -0.70 0.00	87.00 -0.17 0.00
ALLEGHENY___COGEN 23514	69.29 -2.79 -0.66	68.83 -3.14 -0.62	68.54 -3.28 -0.55	68.43 -3.35 -0.50	69.91 -2.36 -0.72	71.75 -1.08 -0.82	81.10 -0.24 -2.66	88.75 -0.44 -1.65	89.05 -0.71 -1.78	85.01 -2.45 0.15	85.48 -2.19 0.13	85.14 -2.55 0.11	84.97 -2.63 0.10	83.09 -2.93 0.10	84.89 -2.63 0.10	92.11 -0.53 -4.47	99.29 0.62 -10.41	163.56 0.68 5.29	162.10 0.17 8.64	147.16 -0.35 -31.39	133.17 -2.68 4.93	100.09 -2.81 1.29	85.60 -1.67 0.28	86.50 -1.57 -0.89
ALTAMONT_115KV_TB 2 55880	113.95 2.57 -39.97	112.34 2.57 -38.43	107.62 2.57 -33.78	104.96 2.57 -31.12	117.49 2.65 -43.29	121.33 2.74 -46.59	147.65 2.91 -66.07	180.65 3.24 -89.88	159.99 3.52 -68.49	127.81 3.42 -36.78	123.14 3.51 -31.82	118.29 3.51 -26.97	114.03 3.51 -22.81	112.64 3.44 -23.08	114.47 3.42 -23.43	134.85 3.44 -43.25	165.02 3.44 -73.32	196.04 6.56 -21.31	187.76 6.48 -10.71	185.45 4.41 -64.92	175.54 5.21 -29.55	144.18 3.85 -36.14	128.56 3.33 -37.69	126.43 3.23 -36.03
ALTONA_WT_PWR 323606	69.91 -1.50 0.00	69.98 -1.36 0.00	70.20 -1.07 0.00	70.49 -0.78 0.00	70.77 -0.79 0.00	70.27 -1.73 0.00	76.55 -2.12 0.00	85.35 -2.18 0.00	85.08 -2.90 0.00	85.07 -2.54 0.00	85.09 -2.72 0.00	84.99 -2.81 0.00	84.98 -2.72 0.00	83.71 -2.41 0.00	85.26 -2.36 0.00	85.52 -2.64 0.00	86.14 -2.12 0.00	164.31 -3.86 0.00	167.66 -2.90 0.00	114.14 -1.97 0.00	139.10 -1.68 0.00	103.14 -1.04 0.00	86.67 -0.88 0.00	87.35 0.17 0.00
AMERICAN_REF_FUEL 24010	64.19 -9.14 -1.92	63.49 -9.70 -1.85	63.41 -9.48 -1.62	62.93 -9.84 -1.49	64.76 -8.88 -2.08	67.08 -7.20 -2.28	73.68 -8.89 -3.90	81.12 -10.94 -4.53	81.07 -10.56 -3.65	78.02 -11.13 -1.53	79.12 -10.01 -1.33	78.21 -10.72 -1.12	77.77 -10.88 -0.95	75.80 -11.28 -0.96	77.20 -11.39 -0.97	82.42 -10.23 -4.49	87.16 -10.33 -9.22	145.72 -22.87 -0.42	145.36 -24.56 0.65	101.58 -16.72 -2.19	119.67 -22.24 -1.13	88.90 -16.57 -1.28	78.65 -10.42 -1.53	78.83 -10.46 -2.12
ARKWRIGHT___SUMMIT_WT_PWR 323751	65.18 -8.00 -1.76	65.10 -7.92 -1.68	64.56 -8.19 -1.48	64.29 -8.34 -1.36	65.59 -7.87 -1.91	67.25 -6.84 -2.09	75.96 -6.92 -4.21	84.57 -7.62 -4.65	84.92 -6.86 -3.80	81.92 -7.18 -1.49	82.77 -6.32 -1.29	83.10 -5.80 -1.09	82.83 -5.79 -0.92	80.85 -6.20 -0.93	82.08 -6.48 -0.94	87.25 -5.82 -4.91	92.84 -5.65 -10.23	153.32 -11.94 2.92	151.52 -13.48 5.57	106.74 -9.64 -0.26	124.60 -13.65 2.53	94.30 -10.63 -0.75	80.64 -8.40 -1.51	81.03 -8.37 -2.22
ARTHUR KILL_GT_1 23520	71.51 4.57 4.48	46.20 4.28 29.42	46.19 4.28 29.35	46.12 4.20 29.36	46.19 4.15 29.51	63.10 4.39 13.29	132.65 4.80 -49.18	184.80 5.96 -91.31	185.62 6.78 -90.87	159.92 7.01 -65.29	77.38 7.11 17.54	76.37 7.11 18.55	76.28 6.75 18.17	76.37 6.63 16.39	148.43 7.19 -53.63	172.58 7.67 -76.76	188.82 7.41 -93.14	272.52 14.29 -90.06	270.10 14.15 -85.38	221.13 9.63 -95.38	192.56 10.84 -40.93	171.43 8.23 -59.02	151.60 6.39 -57.67	136.98 5.75 -44.05
ARTHUR_KILL_2 23512	71.29 4.36 4.48	45.99 4.06 29.42	45.98 4.06 29.35	45.90 3.99 29.36	45.98 3.93 29.51	62.88 4.17 13.29	132.41 4.56 -49.18	184.53 5.69 -91.31	185.45 6.60 -90.87	159.65 6.75 -65.29	77.20 6.94 17.54	76.11 6.85 18.55	76.02 6.49 18.17	76.11 6.37 16.39	148.17 6.92 -53.63	172.23 7.31 -76.76	188.47 7.06 -93.14	272.03 13.79 -90.06	269.60 13.65 -85.38	220.79 9.29 -95.38	192.13 10.42 -40.93	171.02 7.82 -59.02	151.34 6.13 -57.67	136.72 5.50 -44.05
ARTHUR_KILL_3 23513	63.09 4.43 12.75	46.12 4.21 29.43	46.18 4.28 29.37	46.11 4.20 29.37	46.18 4.15 29.52	63.09 4.39 13.30	63.55 4.88 20.00	90.86 5.87 2.54	96.43 6.68 -1.76	82.85 6.75 11.51	77.02 6.76 17.55	76.01 6.76 18.56	76.01 6.49 18.18	76.01 6.28 16.40	76.01 6.75 18.35	84.76 7.06 10.45	76.94 6.89 18.21	108.98 13.13 72.32	108.98 13.13 74.72	77.98 8.94 47.08	76.94 10.00 73.84	76.94 7.60 34.84	76.01 6.04 17.57	82.74 5.41 9.84

ARTHUR_KILL_COGEN 323718	71.51 4.57 4.48	46.20 4.28 29.42	46.19 4.28 29.35	46.12 4.20 29.36	46.19 4.15 29.51	63.10 4.39 13.29	132.65 4.80 -49.18	184.80 5.96 -91.31	185.62 6.78 -90.87	159.92 7.01 -65.29	77.38 7.11 17.54	76.37 7.11 18.55	76.28 6.75 18.17	76.37 6.63 16.39	148.43 7.19 -53.63	172.58 7.67 -76.76	188.82 7.41 -93.14	272.52 14.29 -90.06	270.10 14.15 -85.38	221.13 9.63 -95.38	192.56 10.84 -40.93	171.43 8.23 -59.02	151.60 6.39 -57.67	136.98 5.75 -44.05
ASHOKAN____ 23654	110.02 1.93 -36.68	108.39 1.78 -35.26	103.98 1.71 -31.00	101.47 1.64 -28.56	113.07 1.79 -39.72	116.99 2.23 -42.75	137.13 2.36 -56.10	169.95 2.88 -79.53	150.70 2.90 -59.82	124.09 2.72 -33.75	119.29 2.28 -29.20	114.76 2.20 -24.75	110.74 2.10 -20.94	109.11 1.81 -21.18	111.39 2.27 -21.50	130.75 2.91 -39.68	159.07 3.53 -67.28	193.13 7.57 -17.38	186.61 7.68 -8.36	176.77 4.99 -55.67	169.05 5.21 -23.06	141.09 3.75 -33.16	125.01 2.88 -34.59	122.59 2.35 -33.06
ASTORIA_EAST_ENERGY_CC1 323581	108.72 4.50 -32.81	107.17 4.28 -31.54	103.28 4.28 -27.73	101.02 4.20 -25.54	111.16 4.08 -35.53	114.64 4.39 -38.24	126.29 4.64 -42.98	159.76 5.78 -66.46	143.26 6.60 -48.68	124.55 6.75 -30.19	120.86 6.94 -26.12	116.88 6.94 -22.14	113.01 6.58 -18.72	111.52 6.46 -18.94	113.77 6.92 -19.23	130.98 7.31 -35.50	155.47 6.97 -60.24	193.20 12.95 -12.08	188.49 12.80 -5.13	168.40 8.71 -43.58	165.30 10.00 -14.52	141.45 7.60 -29.66	124.61 6.13 -30.94	122.24 5.50 -29.57
ASTORIA_EAST_ENERGY_CC2 323582	108.72 4.50 -32.81	107.17 4.28 -31.54	103.28 4.28 -27.73	101.02 4.20 -25.54	111.16 4.08 -35.53	114.64 4.39 -38.24	126.29 4.64 -42.98	159.76 5.78 -66.46	143.26 6.60 -48.68	124.55 6.75 -30.19	120.86 6.94 -26.12	116.88 6.94 -22.14	113.01 6.58 -18.72	111.52 6.46 -18.94	113.77 6.92 -19.23	130.98 7.31 -35.50	155.47 6.97 -60.24	193.20 12.95 -12.08	188.49 12.80 -5.13	168.40 8.71 -43.58	165.30 10.00 -14.52	141.45 7.60 -29.66	124.61 6.13 -30.94	122.24 5.50 -29.57
ASTORIA_GT2_1 24094	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT2_2 24095	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT2_3 24096	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT2_4 24097	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT3_1 24098	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT3_2 24099	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT3_3 24100	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT3_4 24101	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT4_1 24102	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT4_2 24103	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT4_3 24104	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58

ASTORIA_GT4_4 24105	108.73 4.50 -32.82	107.10 4.21 -31.55	103.28 4.28 -27.74	101.03 4.21 -25.55	111.25 4.15 -35.54	114.64 4.39 -38.25	126.38 4.72 -42.99	159.85 5.86 -66.46	143.26 6.60 -48.68	124.65 6.83 -30.20	120.96 7.02 -26.12	116.98 7.02 -22.15	113.10 6.67 -18.73	111.61 6.55 -18.95	113.78 6.92 -19.24	130.81 7.14 -35.51	155.58 7.06 -60.26	193.38 13.12 -12.09	188.84 13.13 -5.14	168.53 8.82 -43.59	165.45 10.14 -14.53	141.46 7.61 -29.67	124.62 6.13 -30.95	122.16 5.40 -29.58
ASTORIA_GT_1 23523	108.86 4.64 -32.81	107.31 4.42 -31.54	103.42 4.42 -27.73	101.16 4.35 -25.54	111.31 4.22 -35.53	114.78 4.54 -38.24	126.53 4.88 -42.98	159.94 5.96 -66.46	143.43 6.78 -48.68	124.82 7.01 -30.19	121.13 7.20 -26.12	117.15 7.20 -22.14	113.27 6.85 -18.72	111.78 6.72 -18.94	114.04 7.19 -19.23	131.15 7.49 -35.50	155.74 7.24 -60.24	193.71 13.46 -12.08	189.01 13.31 -5.13	168.75 9.06 -43.58	165.72 10.42 -14.52	141.66 7.82 -29.66	124.79 6.31 -30.94	122.50 5.75 -29.57
ASTORIA_GT_10 24110	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.26 7.45 -30.20	121.57 7.64 -26.12	117.59 7.64 -22.15	113.71 7.28 -18.73	112.22 7.15 -18.95	114.39 7.54 -19.24	131.43 7.76 -35.51	155.96 7.50 -60.20	194.56 14.29 -12.09	189.86 14.16 -5.14	169.22 9.52 -43.59	165.79 10.84 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.68 5.93 -29.58
ASTORIA_GT_11 24225	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.26 7.45 -30.20	121.57 7.64 -26.12	117.59 7.64 -22.15	113.71 7.28 -18.73	112.22 7.15 -18.95	114.39 7.54 -19.24	131.43 7.76 -35.51	155.96 7.50 -60.20	194.56 14.29 -12.09	189.86 14.16 -5.14	169.22 9.52 -43.59	165.79 10.84 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.68 5.93 -29.58
ASTORIA_GT_12 24226	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.26 7.45 -30.20	121.57 7.64 -26.12	117.59 7.64 -22.15	113.71 7.28 -18.73	112.22 7.15 -18.95	114.39 7.54 -19.24	131.43 7.76 -35.51	155.96 7.50 -60.20	194.56 14.29 -12.09	189.86 14.16 -5.14	169.22 9.52 -43.59	165.79 10.84 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.68 5.93 -29.58
ASTORIA_GT_13 24227	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.26 7.45 -30.20	121.57 7.64 -26.12	117.59 7.64 -22.15	113.71 7.28 -18.73	112.22 7.15 -18.95	114.39 7.54 -19.24	131.43 7.76 -35.51	155.96 7.50 -60.20	194.56 14.29 -12.09	189.86 14.16 -5.14	169.22 9.52 -43.59	165.79 10.84 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.68 5.93 -29.58
ASTORIA_GT_5 24106	108.87 4.64 -32.82	107.25 4.35 -31.55	103.43 4.42 -27.74	101.17 4.35 -25.55	111.32 4.22 -35.54	114.79 4.54 -38.25	126.54 4.88 -42.99	160.03 6.04 -66.46	143.43 6.77 -48.68	124.82 7.01 -30.20	121.13 7.20 -26.12	117.15 7.20 -22.15	113.27 6.84 -18.73	111.79 6.72 -18.95	113.95 7.10 -19.24	130.99 7.32 -35.51	155.75 7.24 -60.26	193.72 13.45 -12.09	189.18 13.47 -5.14	168.76 9.06 -43.59	165.87 10.56 -14.53	141.67 7.81 -29.67	124.79 6.30 -30.95	122.34 5.58 -29.58
ASTORIA_GT_7 24107	108.87 4.64 -32.82	107.25 4.35 -31.55	103.43 4.42 -27.74	101.17 4.35 -25.55	111.32 4.22 -35.54	114.79 4.54 -38.25	126.54 4.88 -42.99	160.03 6.04 -66.46	143.43 6.77 -48.68	124.82 7.01 -30.20	121.13 7.20 -26.12	117.15 7.20 -22.15	113.27 6.84 -18.73	111.79 6.72 -18.95	113.95 7.10 -19.24	130.99 7.32 -35.51	155.75 7.24 -60.26	193.72 13.45 -12.09	189.18 13.47 -5.14	168.76 9.06 -43.59	165.87 10.56 -14.53	141.67 7.81 -29.67	124.79 6.30 -30.95	122.34 5.58 -29.58
ASTORIA_GT_8 24108	108.87 4.64 -32.82	107.25 4.35 -31.55	103.43 4.42 -27.74	101.17 4.35 -25.55	111.32 4.22 -35.54	114.79 4.54 -38.25	126.54 4.88 -42.99	160.03 6.04 -66.46	143.43 6.77 -48.68	124.82 7.01 -30.20	121.13 7.20 -26.12	117.15 7.20 -22.15	113.27 6.84 -18.73	111.79 6.72 -18.95	113.95 7.10 -19.24	130.99 7.32 -35.51	155.75 7.24 -60.26	193.72 13.45 -12.09	189.18 13.47 -5.14	168.76 9.06 -43.59	165.87 10.56 -14.53	141.67 7.81 -29.67	124.79 6.30 -30.95	122.34 5.58 -29.58
ASTORIA___2 24149	108.72 4.50 -32.81	107.17 4.28 -31.54	103.28 4.28 -27.73	101.02 4.20 -25.54	111.24 4.15 -35.53	114.71 4.47 -38.24	126.37 4.72 -42.98	159.76 5.78 -66.46	143.26 6.60 -48.68	124.65 6.84 -30.19	120.95 7.03 -26.12	116.98 7.03 -22.14	113.09 6.66 -18.72	111.60 6.54 -18.94	113.86 7.01 -19.23	130.98 7.31 -35.50	155.56 7.06 -60.24	193.38 13.13 -12.08	188.49 12.80 -5.13	168.40 8.71 -43.58	165.45 10.14 -14.52	141.45 7.60 -29.66	124.61 6.13 -30.94	122.33 5.58 -29.57
ASTORIA___3 23516	109.23 5.00 -32.82	107.68 4.78 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.22 4.96 -38.25	126.93 5.27 -42.99	160.38 6.39 -66.46	143.96 7.30 -48.68	125.26 7.44 -30.20	121.57 7.64 -26.13	117.59 7.64 -22.15	113.71 7.28 -18.73	112.21 7.14 -18.95	114.48 7.62 -19.24	131.61 7.94 -35.51	155.95 7.50 -60.20	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.65 10.69 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.86 6.10 -29.58
ASTORIA___4 23517	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.26 7.45 -30.20	121.57 7.64 -26.12	117.59 7.64 -22.15	113.71 7.28 -18.73	112.22 7.15 -18.95	114.39 7.54 -19.24	131.43 7.76 -35.51	155.96 7.50 -60.20	194.56 14.29 -12.09	189.86 14.16 -5.14	169.22 9.52 -43.59	165.79 10.84 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.68 5.93 -29.58
ASTORIA___5 23518	109.23 5.00 -32.82	107.68 4.78 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.22 4.96 -38.25	126.93 5.27 -42.99	160.38 6.39 -66.46	143.96 7.30 -48.68	125.26 7.44 -30.20	121.57 7.64 -26.13	117.59 7.64 -22.15	113.71 7.28 -18.73	112.21 7.14 -18.95	114.48 7.62 -19.24	131.61 7.94 -35.51	155.95 7.50 -60.20	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.65 10.69 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.86 6.10 -29.58
AST_ENERGY_2_CC3 323677	107.64 4.64 -31.59	107.39 4.50 -31.55	103.50 4.49 -27.73	101.24 4.42 -25.55	107.64 4.37 -31.72	107.64 4.61 -31.03	117.39 5.19 -33.53	125.95 6.13 -32.29	133.00 6.95 -38.07	117.48 7.09 -22.77	89.22 7.11 5.70	88.21 7.11 6.71	86.27 6.75 8.19	86.51 6.63 6.24	86.51 7.09 8.20	95.88 7.41 -0.31	120.22 7.24 -24.73	141.26 13.95 40.86	141.26 13.81 43.12	109.27 9.40 16.25	109.27 10.56 42.08	106.35 8.02 5.85	89.50 6.39 4.43	101.04 5.75 -8.12
AST_ENERGY_2_CC4 323678	107.64 4.64 -31.59	107.39 4.50 -31.55	103.50 4.49 -27.73	101.24 4.42 -25.55	107.64 4.37 -31.72	107.64 4.61 -31.03	117.39 5.19 -33.53	125.95 6.13 -32.29	133.00 6.95 -38.07	117.48 7.09 -22.77	89.22 7.11 5.70	88.21 7.11 6.71	86.27 6.75 8.19	86.51 6.63 6.24	86.51 7.09 8.20	95.88 7.41 -0.31	120.22 7.24 -24.73	141.26 13.95 40.86	141.26 13.81 43.12	109.27 9.40 16.25	109.27 10.56 42.08	106.35 8.02 5.85	89.50 6.39 4.43	101.04 5.75 -8.12

ATHENS_STG_1 23668	110.53 3.14 -35.98	109.07 3.14 -34.60	104.75 3.06 -30.41	102.42 3.13 -28.02	113.67 3.14 -38.97	117.18 3.24 -41.94	127.64 3.62 -45.35	163.27 4.03 -71.71	144.65 4.48 -52.18	125.19 4.47 -33.11	120.93 4.48 -28.65	116.57 4.48 -24.28	112.63 4.38 -20.54	111.12 4.22 -20.77	113.18 4.47 -21.10	131.68 4.58 -38.93	158.85 4.59 -66.00	189.14 8.57 -12.40	184.14 8.52 -5.05	168.28 5.92 -46.25	161.62 6.90 -13.94	141.82 5.10 -32.53	125.76 4.29 -33.93	123.54 3.93 -32.43
ATHENS_STG_2 23670	110.53 3.14 -35.98	109.07 3.14 -34.60	104.75 3.06 -30.41	102.42 3.13 -28.02	113.67 3.14 -38.97	117.18 3.24 -41.94	127.64 3.62 -45.35	163.27 4.03 -71.71	144.65 4.48 -52.18	125.19 4.47 -33.11	120.93 4.48 -28.65	116.57 4.48 -24.28	112.63 4.38 -20.54	111.12 4.22 -20.77	113.18 4.47 -21.10	131.68 4.58 -38.93	158.85 4.59 -66.00	189.14 8.57 -12.40	184.14 8.52 -5.05	168.28 5.92 -46.25	161.62 6.90 -13.94	141.82 5.10 -32.53	125.76 4.29 -33.93	123.54 3.93 -32.43
ATHENS_STG_3 23677	110.53 3.14 -35.98	109.07 3.14 -34.60	104.75 3.06 -30.41	102.42 3.13 -28.02	113.67 3.14 -38.97	117.18 3.24 -41.94	127.64 3.62 -45.35	163.27 4.03 -71.71	144.65 4.48 -52.18	125.19 4.47 -33.11	120.93 4.48 -28.65	116.57 4.48 -24.28	112.63 4.38 -20.54	111.12 4.22 -20.77	113.18 4.47 -21.10	131.68 4.58 -38.93	158.85 4.59 -66.00	189.14 8.57 -12.40	184.14 8.52 -5.05	168.28 5.92 -46.25	161.62 6.90 -13.94	141.82 5.10 -32.53	125.76 4.29 -33.93	123.54 3.93 -32.43
AUBURN___LFGE 323710	75.52 -1.29 -5.40	75.11 -1.43 -5.19	74.27 -1.57 -4.56	73.91 -1.57 -4.20	76.25 -1.14 -5.84	77.56 -0.72 -6.28	85.03 -0.31 -6.68	98.11 -0.26 -10.84	95.81 0.00 -7.83	92.28 -0.44 -5.10	91.96 -0.26 -4.41	91.11 -0.44 -3.74	90.25 -0.61 -3.16	88.55 -0.78 -3.20	90.08 -0.79 -3.25	92.98 -0.09 -4.90	96.05 0.09 -7.70	171.15 -0.34 -3.32	173.13 -0.34 -2.91	122.33 -0.35 -6.56	143.14 -1.27 -3.63	108.18 -1.25 -5.25	91.71 -1.05 -5.22	90.68 -1.22 -4.73
BABYLON_RES_REC 323704	117.81 6.21 -40.18	114.97 5.99 -37.64	109.00 5.99 -31.74	110.28 5.99 -33.02	115.15 5.94 -37.66	120.29 6.34 -41.95	137.75 7.08 -52.00	161.76 7.79 -66.44	146.34 8.98 -49.38	126.48 8.68 -30.19	122.44 8.51 -26.12	118.12 8.17 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.53 8.68 -19.23	132.04 8.38 -35.50	155.90 7.59 -60.05	194.05 13.79 -12.08	189.51 13.81 -5.14	169.44 9.75 -43.57	164.57 10.69 -13.09	142.39 8.54 -29.66	130.26 8.40 -34.32	124.59 7.85 -29.57
BABYLON__69_KV_BK2 356345	118.52 6.93 -40.18	115.68 6.71 -37.64	109.71 6.70 -31.74	111.00 6.70 -33.02	115.94 6.73 -37.66	121.01 7.06 -41.95	138.69 8.02 -52.00	162.80 8.84 -66.43	147.39 10.03 -49.38	127.35 9.55 -30.18	123.41 9.48 -26.11	118.99 9.04 -22.14	115.28 8.86 -18.72	113.76 8.70 -18.94	115.96 9.11 -19.23	132.82 9.17 -35.49	157.49 9.18 -60.05	197.92 17.66 -12.09	193.78 18.08 -5.14	172.23 12.54 -43.57	167.81 13.94 -13.09	144.16 10.31 -29.66	131.22 9.37 -34.32	125.38 8.63 -29.57
BALL_HILL_WT_PWR 323825	65.51 -7.71 -1.81	65.37 -7.71 -1.74	64.96 -7.84 -1.52	64.69 -7.98 -1.40	65.93 -7.59 -1.96	67.53 -6.62 -2.15	75.61 -7.08 -4.02	84.04 -7.96 -4.47	84.16 -7.48 -3.65	80.98 -8.06 -1.43	81.58 -7.46 -1.23	81.65 -7.20 -1.04	81.30 -7.28 -0.88	79.35 -7.67 -0.89	80.72 -7.80 -0.90	85.85 -7.06 -4.74	91.17 -6.97 -9.89	150.86 -14.46 2.85	149.63 -15.52 5.42	104.66 -10.68 0.77	123.66 -14.64 2.48	93.73 -11.15 -0.69	80.39 -8.58 -1.42	80.84 -8.45 -2.12
BARON_WINDS___WT_PWR 323822	66.77 -5.64 -0.99	66.72 -5.56 -0.94	66.33 -5.77 -0.83	66.26 -5.77 -0.76	67.19 -5.44 -1.08	68.26 -4.97 -1.23	77.32 -5.11 -3.76	84.59 -5.60 -2.66	85.10 -5.54 -2.66	81.39 -6.31 -0.08	81.82 -6.06 -0.07	81.71 -6.15 -0.05	81.69 -6.05 -0.04	80.05 -6.11 -0.04	81.79 -5.87 -0.04	89.10 -4.85 -5.78	97.39 -4.15 -13.28	153.95 -7.90 6.32	151.55 -8.52 10.49	85.24 -5.69 25.19	126.95 -8.02 5.82	96.65 -6.25 1.29	82.07 -5.43 0.04	82.88 -5.67 -1.37
BARRETT_IC_1 23704	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_10 23701	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	152.67 6.80 -57.62	193.20 12.95 -12.08	188.65 12.96 -5.13	168.62 8.94 -43.56	142.21 10.00 8.57	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_11 23702	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	152.67 6.80 -57.62	193.20 12.95 -12.08	188.65 12.96 -5.13	168.62 8.94 -43.56	142.21 10.00 8.57	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_12 23703	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	152.67 6.80 -57.62	193.20 12.95 -12.08	188.65 12.96 -5.13	168.62 8.94 -43.56	142.21 10.00 8.57	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_2 23705	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_3 23706	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_4 23707	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57

BARRETT_IC_5 23708	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_6 23709	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_7 23710	117.02 5.43 -40.18	114.33 5.35 -37.64	108.43 5.42 -31.74	109.71 5.42 -33.02	114.51 5.30 -37.66	119.42 5.47 -41.95	136.49 5.82 -52.00	160.53 6.56 -66.43	144.75 7.39 -49.38	125.42 7.62 -30.18	121.21 7.29 -26.11	116.88 6.94 -22.14	113.18 6.75 -18.72	111.69 6.63 -18.94	113.95 7.10 -19.23	130.88 7.23 -35.49	155.45 6.71 -60.49	193.38 13.12 -12.09	189.01 13.30 -5.14	168.86 9.17 -43.57	161.62 10.28 -10.56	141.97 8.13 -29.66	128.86 7.00 -34.32	123.11 6.36 -29.57
BARRETT_IC_8 23711	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT_IC_9 23700	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	152.67 6.80 -57.62	193.20 12.95 -12.08	188.65 12.96 -5.13	168.62 8.94 -43.56	142.21 10.00 8.57	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT___1 23545	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	155.54 6.80 -60.48	193.21 12.95 -12.08	188.66 12.96 -5.14	168.62 8.94 -43.57	161.34 10.00 -10.56	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BARRETT___2 23546	117.02 5.42 -40.18	114.33 5.35 -37.64	108.43 5.41 -31.74	109.71 5.41 -33.02	114.51 5.30 -37.66	119.28 5.33 -41.95	136.49 5.82 -52.00	160.45 6.48 -66.44	144.75 7.39 -49.38	125.42 7.62 -30.19	121.21 7.28 -26.12	116.88 6.94 -22.14	113.18 6.75 -18.73	111.69 6.63 -18.94	114.12 7.27 -19.23	131.33 7.67 -35.50	152.67 6.80 -57.62	193.20 12.95 -12.08	188.65 12.96 -5.13	168.62 8.94 -43.56	142.21 10.00 8.57	141.97 8.13 -29.66	128.86 7.01 -34.32	123.29 6.54 -29.57
BATAVIA__115KV_TB1 55881	67.08 -6.28 -1.95	66.45 -6.78 -1.89	66.23 -6.70 -1.66	65.88 -6.91 -1.52	67.81 -5.87 -2.12	70.06 -4.25 -2.31	77.67 -4.72 -3.72	85.74 -6.21 -4.42	85.87 -5.63 -3.52	82.52 -6.66 -1.56	83.27 -5.88 -1.35	82.80 -6.15 -1.14	82.35 -6.31 -0.96	80.29 -6.80 -0.97	81.68 -6.92 -0.99	86.95 -5.38 -4.17	91.62 -5.21 -8.57	161.75 -12.61 -6.19	164.65 -13.65 -7.73	112.11 -9.64 -5.63	134.41 -13.94 -7.56	95.53 -10.83 -2.19	82.55 -6.57 -1.58	82.98 -6.28 -2.08
BAYONEEC___CTG1 323682	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG10 323750	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG2 323683	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG3 323684	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG4 323685	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG5 323686	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG6 323687	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58

BAYONEEC___CTG7 323688	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG8 323689	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BAYONEEC___CTG9 323749	109.01 4.79 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.45 4.63 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.29 6.31 -66.46	143.79 7.12 -48.68	125.08 7.27 -30.20	121.13 7.20 -26.12	117.16 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.12 7.27 -19.24	131.25 7.58 -35.51	155.77 7.32 -60.19	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.79 10.84 -14.17	141.98 8.13 -29.67	124.96 6.48 -30.94	122.68 5.93 -29.58
BEACON___LESR 323632	114.63 3.29 -39.92	112.94 3.21 -38.39	108.23 3.21 -33.75	105.57 3.21 -31.09	118.16 3.36 -43.24	122.07 3.53 -46.54	152.34 3.62 -70.04	183.90 3.94 -92.42	163.43 4.31 -71.13	128.65 4.29 -36.74	124.07 4.48 -31.78	119.40 4.65 -26.94	115.23 4.73 -22.79	113.73 4.56 -23.05	114.97 3.95 -23.41	135.24 3.87 -43.20	165.20 3.71 -73.24	198.30 6.90 -23.23	189.58 7.00 -12.02	189.11 4.65 -68.34	179.27 5.35 -33.14	144.14 3.86 -36.10	128.87 3.68 -37.65	126.74 3.58 -35.99
BEAVER RIVER___HYD 24048	72.97 0.36 -1.19	72.99 0.50 -1.15	72.50 0.21 -1.01	72.56 0.36 -0.93	73.28 0.43 -1.29	73.90 0.51 -1.39	80.22 0.55 -0.99	91.25 1.58 -2.14	90.58 1.14 -1.46	89.64 0.88 -1.15	89.50 0.70 -1.00	89.53 0.88 -0.84	89.20 0.79 -0.71	87.53 0.69 -0.72	89.05 0.70 -0.73	90.75 1.23 -1.35	92.66 2.21 -2.19	173.22 4.88 -0.16	176.02 5.46 0.00	121.15 3.95 -1.09	144.59 3.80 0.00	107.03 1.77 -1.08	89.54 0.88 -1.13	89.82 1.57 -1.08
BEEBEE_GT_13 23619	68.37 -5.07 -2.03	67.79 -5.49 -1.95	67.56 -5.42 -1.71	67.22 -5.63 -1.57	69.03 -4.72 -2.19	71.14 -3.24 -2.38	77.24 -2.91 -1.48	86.26 -4.38 -3.11	86.22 -3.87 -2.11	84.20 -5.08 -1.66	84.94 -4.30 -1.44	84.81 -4.21 -1.22	84.43 -4.30 -1.03	82.43 -4.74 -1.04	83.85 -4.82 -1.06	88.58 -3.26 -3.68	92.35 -3.27 -7.36	157.77 -9.08 1.32	158.25 -10.06 2.26	113.19 -6.97 -4.04	128.45 -10.56 1.77	97.42 -8.13 -1.36	84.23 -4.99 -1.68	85.03 -4.18 -2.03
BENSHRST_27_KV_BENSHRST_1 355998	109.66 5.43 -32.82	107.96 5.07 -31.55	104.14 5.13 -27.74	101.88 5.06 -25.55	112.03 4.94 -35.54	115.51 5.26 -38.25	133.67 5.82 -49.18	185.92 7.09 -91.30	186.76 7.92 -90.86	161.05 8.15 -65.28	152.25 8.34 -56.10	149.13 8.25 -53.07	146.80 7.89 -51.21	147.11 7.75 -53.23	149.48 8.24 -53.63	173.47 8.55 -76.75	189.88 8.47 -93.15	274.55 16.31 -90.06	272.32 16.37 -85.38	222.53 11.03 -95.39	194.25 12.53 -40.93	172.58 9.38 -59.02	152.65 7.44 -57.67	137.85 6.63 -44.05
BETHLEHEM___GRP 23843	113.69 2.29 -40.00	112.08 2.28 -38.46	107.29 2.21 -33.80	104.62 2.21 -31.14	117.16 2.29 -43.31	121.07 2.45 -46.62	152.24 2.28 -71.29	183.38 2.54 -93.31	162.72 2.73 -72.01	127.40 2.98 -36.80	122.72 3.07 -31.84	118.05 3.25 -26.99	113.95 3.42 -22.83	112.49 3.27 -23.09	113.78 2.72 -23.45	133.90 2.47 -43.27	163.66 2.03 -73.37	195.68 3.70 -23.81	186.72 3.75 -12.40	188.10 2.55 -69.43	177.80 2.82 -34.21	142.43 2.08 -36.16	127.62 2.36 -37.72	126.02 2.79 -36.05
BETHLEHEM___GS1 323560	113.69 2.28 -40.00	112.08 2.28 -38.46	107.29 2.21 -33.80	104.63 2.21 -31.14	117.16 2.29 -43.31	120.99 2.37 -46.62	152.24 2.28 -71.29	183.39 2.54 -93.32	162.81 2.81 -72.01	127.40 2.98 -36.80	122.72 3.07 -31.84	118.05 3.25 -26.99	113.95 3.42 -22.83	112.49 3.27 -23.09	113.78 2.72 -23.45	133.90 2.47 -43.28	163.65 2.03 -73.37	195.67 3.70 -23.81	186.56 3.59 -12.40	188.10 2.55 -69.43	177.80 2.81 -34.21	142.43 2.08 -36.16	127.62 2.36 -37.72	125.49 2.26 -36.05
BETHLEHEM___GS2 323561	113.69 2.28 -40.00	112.08 2.28 -38.46	107.29 2.21 -33.80	104.63 2.21 -31.14	117.16 2.29 -43.31	120.99 2.37 -46.62	152.24 2.28 -71.29	183.39 2.54 -93.32	162.81 2.81 -72.01	127.40 2.98 -36.80	122.72 3.07 -31.84	118.05 3.25 -26.99	113.95 3.42 -22.83	112.49 3.27 -23.09	113.78 2.72 -23.45	133.90 2.47 -43.28	163.65 2.03 -73.37	195.67 3.70 -23.81	186.56 3.59 -12.40	188.10 2.55 -69.43	177.80 2.81 -34.21	142.43 2.08 -36.16	127.62 2.36 -37.72	125.49 2.26 -36.05
BETHLEHEM___GS3 323562	113.69 2.28 -40.00	112.08 2.28 -38.46	107.29 2.21 -33.80	104.63 2.21 -31.14	117.16 2.29 -43.31	120.99 2.37 -46.62	152.24 2.28 -71.29	183.39 2.54 -93.32	162.81 2.81 -72.01	127.40 2.98 -36.80	122.72 3.07 -31.84	118.05 3.25 -26.99	113.95 3.42 -22.83	112.49 3.27 -23.09	113.78 2.72 -23.45	133.90 2.47 -43.28	163.65 2.03 -73.37	195.67 3.70 -23.81	186.56 3.59 -12.40	188.10 2.55 -69.43	177.80 2.81 -34.21	142.43 2.08 -36.16	127.62 2.36 -37.72	125.49 2.26 -36.05
BETHLEHEM___STEEL 23779	65.55 -7.71 -1.85	65.48 -7.63 -1.77	65.06 -7.77 -1.56	64.86 -7.84 -1.43	66.05 -7.51 -2.00	67.57 -6.62 -2.19	75.56 -7.16 -4.04	83.78 -8.23 -4.47	83.89 -7.74 -3.65	80.73 -8.32 -1.43	81.23 -7.81 -1.24	81.22 -7.64 -1.05	80.78 -7.81 -0.88	78.84 -8.18 -0.90	80.20 -8.32 -0.91	85.30 -7.58 -4.72	90.68 -7.50 -9.93	149.90 -15.47 2.80	148.84 -16.37 5.36	104.62 -11.26 0.23	123.42 -14.92 2.44	93.55 -11.36 -0.72	80.24 -8.75 -1.45	80.77 -8.54 -2.14
BETHLHEM_115KV_TB1 79974	113.73 2.36 -39.96	112.05 2.28 -38.43	107.33 2.28 -33.78	104.67 2.28 -31.12	117.20 2.36 -43.28	121.03 2.45 -46.58	151.01 2.44 -69.90	182.53 2.63 -92.37	161.94 2.90 -71.06	127.46 3.07 -36.77	122.78 3.16 -31.81	118.11 3.34 -26.97	113.93 3.42 -22.81	112.55 3.36 -23.07	113.85 2.80 -23.43	134.05 2.64 -43.24	163.87 2.29 -73.31	195.52 4.20 -23.15	186.79 4.26 -11.96	187.25 2.90 -68.23	177.01 3.24 -32.98	142.71 2.40 -36.13	127.77 2.54 -37.69	126.08 2.88 -36.02
BETHPAGE_CC_5 323564	117.45 5.86 -40.18	114.69 5.71 -37.64	108.72 5.70 -31.74	110.00 5.70 -33.02	114.87 5.65 -37.66	119.86 5.91 -41.95	137.12 6.45 -52.00	161.06 7.09 -66.44	145.55 8.18 -49.38	125.95 8.15 -30.19	121.83 7.91 -26.12	117.58 7.64 -22.14	113.88 7.45 -18.73	112.38 7.32 -18.94	114.91 8.06 -19.23	132.04 8.38 -35.50	156.09 7.77 -60.06	195.06 14.80 -12.08	190.53 14.83 -5.14	170.01 10.33 -43.57	165.46 11.55 -13.13	142.60 8.75 -29.66	129.56 7.71 -34.32	123.89 7.15 -29.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	65.84 -7.43 -1.85	65.84 -7.28 -1.77	65.35 -7.48 -1.56	65.22 -7.48 -1.44	66.27 -7.30 -2.01	67.50 -6.70 -2.20	75.54 -7.24 -4.11	84.10 -7.97 -4.54	84.12 -7.57 -3.70	81.27 -7.80 -1.45	81.51 -7.55 -1.26	81.50 -7.38 -1.06	81.06 -7.54 -0.90	79.19 -7.84 -0.91	80.57 -7.97 -0.92	85.36 -7.58 -4.78	90.91 -7.41 -10.06	150.87 -14.46 2.84	149.96 -15.18 5.43	105.76 -10.45 -0.10	124.52 -13.80 2.47	94.50 -10.42 -0.74	80.52 -8.49 -1.48	80.72 -8.63 -2.17

BINGHAMTON___COGEN 23790	79.36 -1.00 -8.95	78.94 -1.00 -8.60	77.69 -1.14 -7.56	77.17 -1.07 -6.96	80.32 -0.93 -9.69	81.66 -0.79 -10.45	91.06 -0.71 -13.10	105.70 -0.61 -18.78	101.62 -0.44 -14.08	95.04 -0.61 -8.03	94.14 -0.61 -6.95	93.08 -0.61 -5.89	91.89 -0.79 -4.98	90.30 -0.86 -5.04	91.86 -0.88 -5.12	98.52 -0.53 -10.89	107.39 -0.26 -19.40	169.79 -0.34 -1.95	169.33 -0.17 1.07	130.61 -0.23 -14.73	142.87 -0.84 -2.93	110.90 -0.83 -7.55	94.78 -0.96 -8.21	94.16 -1.22 -8.20
BIXINCNT_115KV_LOAD 355685	64.22 -9.00 -1.80	64.58 -8.49 -1.73	64.17 -8.62 -1.52	64.26 -8.41 -1.40	64.78 -8.73 -1.96	65.87 -8.28 -2.15	74.66 -8.42 -4.40	84.46 -7.88 -4.81	84.43 -7.48 -3.93	82.06 -7.10 -1.54	81.85 -7.29 -1.33	81.82 -7.11 -1.12	81.20 -7.45 -0.95	80.19 -6.89 -0.96	81.41 -7.18 -0.97	85.91 -7.32 -5.07	92.03 -6.88 -10.65	153.74 -11.44 2.99	152.88 -11.94 5.74	108.98 -8.59 -1.46	127.50 -10.70 2.59	97.17 -7.81 -0.80	81.07 -8.05 -1.59	79.91 -9.59 -2.32
BLACK RIVER___HYD 24047	74.15 1.07 -1.67	74.16 1.21 -1.60	73.46 0.79 -1.41	73.57 1.00 -1.30	74.50 1.14 -1.80	75.46 1.51 -1.94	81.78 1.73 -1.38	93.54 3.06 -2.94	92.62 2.64 -2.00	91.30 2.10 -1.58	91.02 1.85 -1.37	90.99 2.02 -1.16	90.61 1.93 -0.98	88.84 1.72 -0.99	90.38 1.75 -1.01	92.76 2.74 -1.86	94.93 3.62 -3.06	176.31 7.91 -0.23	179.09 8.52 0.00	123.55 5.92 -1.52	146.42 5.64 0.00	108.92 3.23 -1.51	91.13 2.01 -1.57	90.86 2.18 -1.50
BLACKRVR_115KV_TB2 79977	74.15 1.07 -1.67	74.16 1.21 -1.60	73.46 0.78 -1.41	73.57 1.00 -1.30	74.51 1.14 -1.80	75.45 1.51 -1.94	81.78 1.73 -1.38	93.45 3.06 -2.86	92.56 2.64 -1.94	91.25 2.10 -1.53	90.98 1.84 -1.33	90.95 2.02 -1.12	90.58 1.93 -0.95	88.81 1.72 -0.96	90.35 1.75 -0.98	92.70 2.73 -1.80	95.03 3.62 -3.15	176.31 7.90 -0.24	179.09 8.53 0.00	123.60 5.92 -1.57	146.41 5.63 0.00	108.92 3.23 -1.51	91.13 2.01 -1.57	90.86 2.18 -1.50
BLISS_WT_PWR 323608	63.36 -9.86 -1.80	63.80 -9.27 -1.73	63.38 -9.41 -1.52	63.48 -9.19 -1.40	64.07 -9.45 -1.96	65.29 -8.86 -2.15	74.27 -8.81 -4.40	83.99 -8.40 -4.86	84.12 -7.83 -3.97	81.73 -7.45 -1.56	81.52 -7.64 -1.35	81.57 -7.38 -1.14	80.86 -7.81 -0.96	80.12 -6.97 -0.97	81.25 -7.36 -0.99	85.85 -7.41 -5.09	91.80 -7.06 -10.61	153.40 -11.78 3.00	152.20 -12.62 5.74	108.72 -8.83 -1.43	127.22 -10.98 2.59	97.06 -7.92 -0.80	80.81 -8.32 -1.59	79.39 -10.11 -2.32
BLUESTONE___WT_PWR 323821	86.88 2.22 -13.25	86.51 2.43 -12.75	84.54 2.07 -11.20	83.87 2.28 -10.32	88.41 2.50 -14.35	90.38 2.95 -15.43	101.90 3.38 -19.85	120.81 4.55 -28.73	114.04 4.57 -21.48	104.14 4.12 -12.40	102.40 3.86 -10.73	100.77 3.86 -9.10	99.08 3.68 -7.70	97.26 3.36 -7.79	99.12 3.59 -7.91	105.98 4.85 -12.97	114.85 5.65 -20.94	189.12 12.62 -8.33	190.18 13.47 -6.15	144.20 9.29 -18.79	160.77 9.58 -10.40	123.39 6.67 -12.53	104.88 4.64 -12.70	102.75 3.83 -11.74
BLUE_CIRC_CHEM_DRP 24182	113.52 2.71 -39.39	111.93 2.71 -37.88	107.28 2.71 -33.30	104.65 2.71 -30.67	117.01 2.79 -42.66	120.80 2.88 -45.92	144.80 2.91 -63.22	177.94 3.06 -87.35	157.47 3.26 -66.23	127.02 3.15 -36.25	122.42 3.25 -31.36	117.73 3.34 -26.58	113.52 3.33 -22.48	112.14 3.27 -22.74	113.69 2.98 -23.09	133.87 3.09 -42.62	163.61 3.09 -72.27	193.98 5.72 -20.09	186.31 5.80 -9.94	182.41 3.95 -62.35	172.85 4.65 -27.42	143.24 3.44 -35.62	127.93 3.24 -37.15	126.08 3.40 -35.51
BOC_GAS_DRP 24189	113.49 2.29 -39.79	111.89 2.28 -38.26	107.19 2.28 -33.64	104.54 2.28 -30.99	117.01 2.36 -43.10	120.83 2.45 -46.39	143.37 2.52 -62.19	177.47 2.80 -87.14	156.84 3.08 -65.78	127.39 3.15 -36.62	122.65 3.16 -31.68	117.91 3.25 -26.85	113.66 3.25 -22.71	112.28 3.19 -22.97	114.01 3.07 -23.33	134.30 3.09 -43.06	164.26 3.00 -73.00	193.04 5.38 -19.49	185.52 5.46 -9.50	181.37 3.72 -61.53	171.34 4.36 -26.20	143.39 3.23 -35.98	127.96 2.89 -37.53	125.92 2.88 -35.87
BOONVILLE_115KV_TB1 79983	73.72 1.29 -1.02	73.68 1.36 -0.98	73.28 1.14 -0.86	73.35 1.28 -0.80	74.09 1.43 -1.11	74.85 1.66 -1.19	81.41 1.89 -0.85	92.26 2.98 -1.75	92.07 2.90 -1.19	91.10 2.54 -0.94	91.08 2.46 -0.81	91.04 2.55 -0.69	90.83 2.54 -0.58	89.04 2.33 -0.59	90.58 2.37 -0.60	92.18 2.91 -1.11	93.56 3.27 -2.04	175.05 6.73 -0.15	177.56 6.99 0.00	122.00 4.88 -1.01	145.85 5.07 0.00	108.23 3.13 -0.92	90.69 2.19 -0.96	90.45 2.35 -0.92
BORALEX_4TH_BRANCH 23824	116.34 5.00 -39.93	114.66 4.92 -38.39	109.87 4.85 -33.75	107.28 4.92 -31.09	119.81 5.01 -43.25	123.80 5.26 -46.55	170.00 5.90 -85.43	196.46 6.48 -102.45	176.04 6.60 -81.46	130.67 6.31 -36.74	125.92 6.32 -31.79	121.16 6.41 -26.95	116.98 6.49 -22.79	115.46 6.29 -23.05	117.51 6.48 -23.41	137.89 6.52 -43.20	168.04 6.53 -73.25	211.23 12.44 -30.61	200.20 12.62 -17.02	206.57 8.82 -81.63	198.55 10.84 -46.93	148.20 7.92 -36.10	131.94 6.74 -37.66	129.36 6.19 -35.99
BOWLINE___1 23526	107.30 4.07 -31.82	105.86 3.92 -30.60	102.09 3.92 -26.90	99.90 3.85 -24.78	109.88 3.86 -34.46	113.20 4.10 -37.09	124.98 4.64 -41.67	157.40 5.43 -64.44	141.17 5.99 -47.20	123.03 6.13 -29.28	119.20 6.05 -25.34	115.34 6.05 -21.48	111.75 5.88 -18.17	110.18 5.68 -18.37	112.41 6.13 -18.66	128.95 6.35 -34.43	152.90 6.27 -58.37	191.83 11.94 -11.72	187.48 11.94 -4.98	166.61 8.25 -42.25	163.94 9.43 -13.73	139.94 6.98 -28.77	123.16 5.61 -30.01	121.00 5.14 -28.68
BOWLINE___2 23595	107.45 4.21 -31.83	106.01 4.06 -30.60	102.16 3.99 -26.90	100.04 3.99 -24.78	109.96 3.93 -34.47	113.34 4.25 -37.10	125.07 4.72 -41.68	157.50 5.52 -64.45	141.34 6.16 -47.20	123.13 6.22 -29.29	119.38 6.24 -25.34	115.43 6.14 -21.48	111.84 5.97 -18.17	110.36 5.86 -18.38	112.50 6.22 -18.66	129.12 6.52 -34.44	153.08 6.44 -58.38	192.16 12.27 -11.72	187.83 12.29 -4.98	166.73 8.37 -42.25	164.09 9.58 -13.73	140.05 7.09 -28.78	123.33 5.78 -30.01	121.18 5.32 -28.69
BRADY___115KV_TB2 356060	72.06 0.64 0.00	72.13 0.78 0.00	72.13 0.86 0.00	72.27 1.00 0.00	72.13 0.57 0.00	71.93 -0.07 0.00	78.28 -0.39 0.00	87.44 -0.09 0.00	86.93 -1.06 0.00	86.92 -0.70 0.00	87.02 -0.79 0.00	87.11 -0.70 0.00	87.09 -0.61 0.00	85.78 -0.34 0.00	87.27 -0.35 0.00	87.28 -0.88 0.00	87.38 -0.88 0.00	166.66 -1.51 0.00	169.54 -1.02 0.00	115.53 -0.58 0.00	140.64 -0.14 0.00	104.39 0.21 0.00	87.63 0.09 0.00	87.79 0.61 0.00
BRANSCOMB___SOLAR 323811	117.43 4.86 -41.16	115.70 4.78 -39.58	110.84 4.78 -34.79	108.10 4.78 -32.05	121.14 5.01 -44.58	125.16 5.19 -47.98	184.80 5.82 -100.31	207.61 6.48 -113.60	186.77 6.60 -92.19	131.53 6.04 -37.87	126.63 6.05 -32.77	121.64 6.05 -27.78	117.16 5.97 -23.49	115.57 5.68 -23.76	117.62 5.87 -24.13	139.05 6.35 -44.54	170.73 6.97 -75.50	218.89 13.28 -37.44	205.56 13.47 -21.52	220.00 9.17 -94.72	210.98 10.84 -59.35	149.31 7.91 -37.22	132.92 6.57 -38.82	130.56 6.28 -37.10
BRENTWOD_69_KV_W. BRTWOOD 56703	118.31 6.71 -40.18	115.47 6.49 -37.64	109.50 6.49 -31.74	110.78 6.49 -33.02	115.73 6.51 -37.66	120.72 6.77 -41.95	138.46 7.79 -52.00	162.36 8.40 -66.43	147.04 9.68 -49.38	127.00 9.20 -30.18	122.97 9.04 -26.11	118.64 8.69 -22.14	114.85 8.42 -18.72	113.41 8.35 -18.94	115.70 8.85 -19.23	132.47 8.82 -35.49	157.03 8.74 -60.04	196.57 16.31 -12.09	192.59 16.89 -5.14	171.53 11.84 -43.57	167.10 13.23 -13.08	143.64 9.79 -29.66	130.87 9.02 -34.32	125.03 8.28 -29.57

BRISTLHL_115KV_TB1 79998	71.94 -2.07 -2.60	71.63 -2.21 -2.50	71.12 -2.35 -2.20	70.94 -2.35 -2.02	72.30 -2.08 -2.82	73.30 -1.73 -3.03	79.17 -1.65 -2.15	90.06 -1.93 -4.46	89.25 -1.76 -3.02	87.91 -2.10 -2.39	87.95 -1.93 -2.07	87.54 -2.02 -1.75	87.17 -2.02 -1.48	85.47 -2.15 -1.50	86.95 -2.19 -1.52	89.30 -1.68 -2.81	91.60 -1.50 -4.84	165.17 -3.36 -0.36	167.15 -3.41 0.00	116.20 -2.32 -2.41	137.26 -3.52 0.00	103.62 -2.92 -2.35	87.72 -2.28 -2.45	87.17 -2.35 -2.34
BROOKHAVEN___DRP 24191	117.95 6.36 -40.18	115.19 6.21 -37.64	109.14 6.13 -31.74	110.78 6.49 -33.02	115.73 6.51 -37.66	120.65 6.70 -41.95	138.38 7.71 -52.00	162.45 8.49 -66.43	147.04 9.68 -49.38	125.95 8.15 -30.18	122.18 8.25 -26.11	117.67 7.73 -22.14	113.62 7.19 -18.72	112.21 7.15 -18.94	114.65 7.80 -19.23	130.80 7.14 -35.49	156.23 7.94 -60.03	195.90 15.64 -12.09	191.74 16.03 -5.14	170.60 10.91 -43.57	165.82 11.97 -13.07	142.59 8.75 -29.66	129.91 8.05 -34.32	123.98 7.24 -29.57
BROOKLYN_NAVY_YARD 23515	109.01 4.79 -32.81	107.46 4.57 -31.55	103.57 4.57 -27.73	101.39 4.57 -25.55	111.53 4.44 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.37 6.39 -66.46	143.88 7.22 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.30 7.44 -19.24	131.43 7.76 -35.51	155.95 7.41 -60.27	194.73 14.46 -12.09	190.19 14.49 -5.14	169.56 9.86 -43.58	166.34 10.84 -14.71	142.19 8.34 -29.67	125.05 6.57 -30.94	122.76 6.01 -29.58
BROOKLYN___ARMY_DRP 323595	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
BROOKVLE_69_KV_TB1 55790	117.74 6.14 -40.18	114.97 5.99 -37.64	109.00 5.99 -31.74	110.28 5.99 -33.02	115.15 5.94 -37.66	120.22 6.26 -41.95	137.51 6.84 -52.00	161.75 7.79 -66.43	146.07 8.71 -49.38	126.47 8.67 -30.18	122.53 8.61 -26.11	118.29 8.34 -22.14	114.58 8.16 -18.72	113.07 8.01 -18.94	115.26 8.41 -19.23	132.29 8.64 -35.49	156.96 8.56 -60.14	196.91 16.65 -12.09	192.59 16.89 -5.14	171.18 11.50 -43.57	167.33 12.95 -13.59	143.43 9.58 -29.66	130.09 8.23 -34.32	124.24 7.50 -29.57
BROOME_2_LFGE 323671	79.36 -1.00 -8.95	78.94 -1.00 -8.60	77.69 -1.14 -7.56	77.17 -1.07 -6.96	80.32 -0.93 -9.69	81.66 -0.79 -10.45	91.06 -0.71 -13.10	105.75 -0.61 -18.83	101.66 -0.44 -14.11	95.06 -0.61 -8.05	94.16 -0.61 -6.97	93.10 -0.61 -5.91	91.91 -0.79 -4.99	90.31 -0.86 -5.05	91.87 -0.88 -5.13	98.64 -0.44 -10.91	107.26 -0.35 -19.36	169.79 -0.34 -1.95	169.16 -0.34 1.07	130.71 -0.12 -14.71	142.88 -0.84 -2.93	110.89 -0.84 -7.55	94.79 -0.96 -8.21	94.16 -1.22 -8.20
BROOME___LFGE 323600	79.36 -1.00 -8.95	78.94 -1.00 -8.60	77.69 -1.14 -7.56	77.17 -1.07 -6.96	80.32 -0.93 -9.69	81.66 -0.79 -10.45	91.06 -0.71 -13.10	105.75 -0.61 -18.83	101.66 -0.44 -14.11	95.06 -0.61 -8.05	94.16 -0.61 -6.97	93.10 -0.61 -5.91	91.91 -0.79 -4.99	90.31 -0.86 -5.05	91.87 -0.88 -5.13	98.64 -0.44 -10.91	107.26 -0.35 -19.36	169.79 -0.34 -1.95	169.16 -0.34 1.07	130.71 -0.12 -14.71	142.88 -0.84 -2.93	110.89 -0.84 -7.55	94.79 -0.96 -8.21	94.16 -1.22 -8.20
BROWNFLS_115KV_TB_3_5 80003	72.25 0.00 -0.84	72.29 0.14 -0.81	71.98 0.00 -0.71	72.07 0.14 -0.65	72.39 -0.07 -0.91	72.54 -0.43 -0.98	78.66 -0.71 -0.69	88.88 -0.09 -1.44	88.25 -0.70 -0.97	87.77 -0.61 -0.77	87.86 -0.61 -0.67	87.93 -0.44 -0.57	87.74 -0.44 -0.48	86.26 -0.34 -0.48	87.76 -0.35 -0.49	88.54 -0.53 -0.91	89.86 0.00 -1.61	168.63 0.34 -0.12	171.42 0.85 0.00	117.73 0.81 -0.80	141.35 0.56 0.00	105.04 0.10 -0.76	88.16 -0.18 -0.79	88.54 0.61 -0.75
BROWNSV1_27_KV_LOAD 356125	109.58 5.36 -32.81	108.03 5.14 -31.55	104.21 5.20 -27.73	101.95 5.13 -25.55	112.17 5.08 -35.54	115.58 5.33 -38.25	127.72 6.06 -42.99	161.16 7.18 -66.45	144.66 8.01 -48.68	125.96 8.15 -30.19	122.10 8.17 -26.12	118.03 8.08 -22.14	114.24 7.81 -18.73	112.73 7.66 -18.94	114.91 8.06 -19.24	132.04 8.38 -35.50	156.75 8.30 -60.20	196.24 15.98 -12.09	191.74 16.03 -5.14	170.61 10.91 -43.58	167.34 12.39 -14.17	143.12 9.27 -29.67	125.84 7.35 -30.94	123.38 6.63 -29.58
BURROWS___LYONSDAL 23803	73.47 1.00 -1.06	73.43 1.07 -1.02	73.02 0.86 -0.89	73.09 1.00 -0.82	73.84 1.14 -1.14	74.60 1.37 -1.23	81.12 1.57 -0.87	91.97 2.63 -1.81	91.67 2.46 -1.23	90.69 2.10 -0.97	90.67 2.02 -0.84	90.63 2.11 -0.71	90.32 2.02 -0.60	88.63 1.89 -0.61	90.16 1.93 -0.62	91.77 2.47 -1.14	93.43 3.09 -2.09	174.72 6.39 -0.16	177.39 6.82 0.00	121.91 4.76 -1.04	145.71 4.93 0.00	107.95 2.81 -0.95	90.29 1.75 -1.00	90.39 2.27 -0.95
CAITHNESS_CC_1 323624	117.88 6.29 -40.18	115.04 6.06 -37.64	109.00 5.99 -31.74	110.49 6.20 -33.02	115.51 6.30 -37.66	120.72 6.77 -41.95	138.15 7.48 -52.00	162.02 8.05 -66.44	146.60 9.24 -49.38	125.86 8.06 -30.19	122.00 8.07 -26.12	117.58 7.64 -22.14	113.62 7.19 -18.73	112.21 7.14 -18.94	114.91 8.06 -19.23	132.21 8.55 -35.50	156.14 7.85 -60.03	195.22 14.96 -12.08	190.88 15.17 -5.14	170.36 10.68 -43.57	165.40 11.55 -13.07	142.49 8.64 -29.66	129.82 7.97 -34.32	124.15 7.41 -29.57
CALPINE BETH_PAGE_GT4 24209	117.60 6.00 -40.18	114.76 5.78 -37.64	108.79 5.77 -31.74	110.07 5.77 -33.02	114.94 5.72 -37.66	120.00 6.05 -41.95	137.12 6.45 -52.00	161.14 7.18 -66.43	145.54 8.18 -49.38	125.95 8.15 -30.18	121.91 7.99 -26.11	117.67 7.73 -22.14	113.88 7.45 -18.72	112.47 7.41 -18.94	114.65 7.80 -19.23	131.59 7.93 -35.49	156.20 7.85 -60.09	195.39 15.14 -12.09	191.22 15.52 -5.14	170.25 10.57 -43.57	165.80 11.83 -13.19	142.70 8.86 -29.66	129.65 7.79 -34.32	123.81 7.06 -29.57
CALPINE_BETH_PAGE_GT_4 323586	117.60 6.00 -40.18	114.83 5.85 -37.64	108.78 5.77 -31.74	110.07 5.77 -33.02	114.94 5.73 -37.66	120.00 6.05 -41.95	137.12 6.45 -52.00	161.06 7.09 -66.44	145.55 8.18 -49.38	125.95 8.15 -30.19	121.91 7.99 -26.12	117.68 7.73 -22.14	113.88 7.45 -18.73	112.47 7.41 -18.94	114.91 8.06 -19.23	132.12 8.46 -35.50	156.19 7.85 -60.08	195.22 14.96 -12.08	190.88 15.17 -5.14	170.14 10.45 -43.57	165.65 11.68 -13.19	142.69 8.85 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
CALPINE_BP_GT1 23823	117.60 6.00 -40.18	114.83 5.85 -37.64	108.78 5.77 -31.74	110.07 5.77 -33.02	114.94 5.73 -37.66	120.00 6.05 -41.95	137.12 6.45 -52.00	161.06 7.09 -66.44	145.55 8.18 -49.38	125.95 8.15 -30.19	121.91 7.99 -26.12	117.68 7.73 -22.14	113.88 7.45 -18.73	112.47 7.41 -18.94	114.91 8.06 -19.23	132.12 8.46 -35.50	156.19 7.85 -60.08	195.22 14.96 -12.08	190.88 15.17 -5.14	170.14 10.45 -43.57	165.65 11.68 -13.19	142.69 8.85 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
CALSPAN___DRP 24200	65.55 -7.71 -1.85	65.48 -7.63 -1.77	65.06 -7.77 -1.56	64.86 -7.84 -1.43	66.05 -7.51 -2.00	67.57 -6.62 -2.19	75.56 -7.16 -4.04	83.78 -8.23 -4.47	83.89 -7.74 -3.65	80.73 -8.32 -1.43	81.23 -7.81 -1.24	81.22 -7.64 -1.05	80.78 -7.81 -0.88	78.84 -8.18 -0.90	80.20 -8.32 -0.91	85.30 -7.58 -4.72	90.68 -7.50 -9.93	149.90 -15.47 2.80	148.84 -16.37 5.36	104.62 -11.26 0.23	123.42 -14.92 2.44	93.55 -11.36 -0.72	80.24 -8.75 -1.45	80.77 -8.54 -2.14

CALVERTON___SOLAR 323806	118.24 6.64 -40.18	115.47 6.49 -37.64	109.43 6.42 -31.74	110.99 6.70 -33.02	116.02 6.80 -37.66	121.22 7.27 -41.95	138.85 8.18 -52.00	162.81 8.84 -66.44	147.48 10.11 -49.38	126.13 8.33 -30.19	122.44 8.51 -26.12	117.94 7.99 -22.14	113.80 7.37 -18.73	112.38 7.32 -18.94	115.08 8.23 -19.23	132.56 8.90 -35.50	156.58 8.29 -60.03	196.40 16.15 -12.08	191.91 16.21 -5.14	171.07 11.39 -43.57	166.09 12.24 -13.07	143.01 9.17 -29.66	130.18 8.32 -34.32	124.50 7.76 -29.57
CANDIGU_WT_PWR 323617	66.77 -5.64 -0.99	66.72 -5.56 -0.94	66.33 -5.77 -0.83	66.26 -5.77 -0.76	67.19 -5.44 -1.08	68.26 -4.97 -1.23	77.32 -5.11 -3.76	84.59 -5.60 -2.66	85.10 -5.54 -2.66	81.39 -6.31 -0.08	81.82 -6.06 -0.07	81.71 -6.15 -0.05	81.69 -6.05 -0.04	80.05 -6.11 -0.04	81.79 -5.87 -0.04	89.10 -4.85 -5.78	97.39 -4.15 -13.28	153.95 -7.90 6.32	151.55 -8.52 10.49	85.24 -5.69 25.19	126.95 -8.02 5.82	96.65 -6.25 1.29	82.07 -5.43 0.04	82.88 -5.67 -1.37
CARR STREET_E_SYR 24060	72.39 -2.00 -2.98	72.07 -2.14 -2.86	71.50 -2.28 -2.52	71.38 -2.21 -2.32	72.85 -1.93 -3.22	73.89 -1.58 -3.47	79.72 -1.41 -2.47	91.26 -1.49 -5.22	90.11 -1.41 -3.54	88.75 -1.67 -2.80	88.65 -1.58 -2.42	88.29 -1.58 -2.06	87.77 -1.67 -1.74	86.07 -1.81 -1.76	87.56 -1.84 -1.79	90.14 -1.32 -3.29	92.40 -1.32 -5.46	165.72 -2.86 -0.41	167.50 -3.07 0.00	116.74 -2.09 -2.72	137.55 -3.23 0.00	104.27 -2.60 -2.69	88.25 -2.10 -2.81	87.77 -2.09 -2.68
CARTHAGE___PAPER 23857	73.54 0.64 -1.48	73.56 0.79 -1.43	72.96 0.43 -1.25	73.07 0.64 -1.16	73.88 0.72 -1.61	74.60 0.87 -1.73	80.92 1.02 -1.23	92.35 2.19 -2.63	91.53 1.76 -1.79	90.35 1.32 -1.41	90.09 1.06 -1.22	90.07 1.23 -1.04	89.72 1.14 -0.88	88.05 1.04 -0.89	89.57 1.06 -0.90	91.59 1.76 -1.66	93.72 2.74 -2.72	174.42 6.05 -0.20	177.39 6.83 0.00	122.23 4.76 -1.35	145.42 4.64 0.00	107.92 2.40 -1.34	90.25 1.32 -1.40	90.35 1.83 -1.34
CASSADAGA_WT_PWR 323784	65.80 -7.35 -1.74	65.88 -7.13 -1.67	65.32 -7.41 -1.47	65.14 -7.48 -1.35	66.29 -7.15 -1.89	67.67 -6.41 -2.08	76.56 -6.37 -4.26	85.57 -6.66 -4.69	85.92 -5.89 -3.83	83.16 -5.96 -1.50	83.75 -5.36 -1.30	84.08 -4.83 -1.10	83.81 -4.82 -0.93	81.89 -5.17 -0.94	83.05 -5.52 -0.95	88.09 -5.02 -4.95	93.80 -4.77 -10.31	155.66 -9.58 2.94	154.38 -10.58 5.61	108.92 -7.67 -0.47	127.26 -10.98 2.54	96.19 -8.75 -0.76	81.62 -7.44 -1.52	81.66 -7.76 -2.25
CE_DUNWOOD___DRP 24194	108.80 4.64 -32.74	107.25 4.42 -31.48	103.44 4.49 -27.68	101.19 4.42 -25.50	111.38 4.36 -35.46	114.85 4.68 -38.17	126.76 5.19 -42.90	159.97 6.13 -66.31	143.33 6.77 -48.57	124.58 6.83 -30.13	120.72 6.85 -26.07	116.75 6.85 -22.10	112.97 6.58 -18.69	111.49 6.46 -18.90	113.65 6.83 -19.20	130.64 7.05 -35.43	155.39 7.06 -60.07	193.86 13.62 -12.06	189.34 13.65 -5.13	168.78 9.17 -43.49	165.48 10.56 -14.14	141.60 7.81 -29.61	124.81 6.39 -30.88	122.44 5.75 -29.51
CE_MILLWOOD___DRP 24193	108.53 4.50 -32.62	107.06 4.35 -31.36	103.19 4.35 -27.57	101.02 4.35 -25.40	111.17 4.29 -35.32	114.56 4.54 -38.02	126.52 5.11 -42.73	159.54 5.95 -66.06	142.97 6.60 -48.39	124.29 6.66 -30.01	120.45 6.67 -25.97	116.49 6.67 -22.01	112.72 6.40 -18.62	111.24 6.29 -18.83	113.40 6.66 -19.12	130.33 6.88 -35.29	154.98 6.88 -59.84	193.48 13.29 -12.02	188.98 13.30 -5.11	168.38 8.94 -43.33	165.29 10.42 -14.09	141.38 7.71 -29.49	124.52 6.22 -30.76	122.16 5.58 -29.40
CE_NYC2_DRP 24202	109.23 5.00 -32.82	107.68 4.78 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.75 4.65 -35.54	115.22 4.97 -38.25	127.09 5.43 -42.99	160.55 6.56 -66.46	144.05 7.39 -48.68	125.35 7.54 -30.20	121.66 7.73 -26.12	117.68 7.73 -22.15	113.80 7.37 -18.73	112.30 7.23 -18.95	114.48 7.62 -19.24	131.51 7.85 -35.51	156.14 7.68 -60.20	194.89 14.63 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.29 8.44 -29.67	125.32 6.83 -30.95	122.77 6.02 -29.58
CE_NYC_DRP 24195	108.99 4.86 -32.72	107.53 4.64 -31.55	103.71 4.70 -27.73	101.52 4.70 -25.55	111.38 4.58 -35.24	114.58 4.90 -37.69	126.43 5.51 -42.25	157.89 6.56 -63.79	143.22 7.39 -47.85	124.77 7.54 -29.62	119.00 7.55 -23.65	115.17 7.46 -19.90	111.53 7.19 -16.63	110.17 7.06 -16.98	112.17 7.45 -17.10	128.60 7.67 -32.76	153.29 7.59 -57.44	190.94 14.80 -7.97	186.62 14.67 -1.38	164.91 9.87 -38.93	161.84 11.26 -9.79	139.53 8.44 -26.90	122.47 6.74 -28.19	121.10 6.02 -27.91
CHAFFEE___LFGE 323603	65.95 -7.29 -1.82	65.89 -7.20 -1.75	65.47 -7.34 -1.53	65.27 -7.41 -1.41	66.38 -7.15 -1.98	67.62 -6.55 -2.17	76.05 -6.85 -4.22	84.61 -7.62 -4.69	84.60 -7.21 -3.83	81.41 -7.71 -1.51	81.74 -7.38 -1.30	81.80 -7.11 -1.10	81.27 -7.37 -0.93	79.40 -7.67 -0.94	80.77 -7.80 -0.96	85.85 -7.23 -4.92	91.44 -7.06 -10.24	151.15 -14.13 2.90	150.18 -14.84 5.55	106.60 -10.10 -0.58	124.76 -13.52 2.51	94.63 -10.32 -0.76	80.83 -8.23 -1.52	81.12 -8.28 -2.23
CHATEAUG_35_KV_LOAD 355732	69.99 -1.43 0.00	69.99 -1.36 0.00	70.20 -1.07 0.00	70.42 -0.86 0.00	70.70 -0.86 0.00	70.27 -1.73 0.00	76.55 -2.12 0.00	85.43 -2.10 0.00	85.08 -2.90 0.00	85.08 -2.54 0.00	85.09 -2.72 0.00	85.00 -2.81 0.00	84.98 -2.72 0.00	83.71 -2.41 0.00	85.25 -2.37 0.00	85.43 -2.73 0.00	85.87 -2.38 0.00	164.14 -4.04 0.00	167.32 -3.24 0.00	113.91 -2.21 0.00	138.95 -1.83 0.00	103.04 -1.15 0.00	86.58 -0.96 0.00	87.00 -0.17 0.00
CHATEAUG_WT_PWR 323614	69.63 -1.78 0.00	69.56 -1.78 0.00	69.85 -1.42 0.00	70.13 -1.14 0.00	70.41 -1.15 0.00	69.98 -2.02 0.00	76.23 -2.44 0.00	84.99 -2.54 0.00	84.82 -3.16 0.00	84.81 -2.81 0.00	84.82 -2.99 0.00	84.73 -3.08 0.00	84.63 -3.07 0.00	83.36 -2.76 0.00	84.90 -2.72 0.00	85.07 -3.09 0.00	85.70 -2.56 0.00	163.80 -4.37 0.00	167.16 -3.41 0.00	113.67 -2.44 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.31 -1.23 0.00	86.92 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	69.99 -1.43 0.00	69.99 -1.36 0.00	70.20 -1.07 0.00	70.42 -0.86 0.00	70.70 -0.86 0.00	70.27 -1.73 0.00	76.55 -2.12 0.00	85.43 -2.10 0.00	85.08 -2.90 0.00	85.08 -2.54 0.00	85.09 -2.72 0.00	85.00 -2.81 0.00	84.98 -2.72 0.00	83.71 -2.41 0.00	85.25 -2.37 0.00	85.43 -2.73 0.00	85.87 -2.38 0.00	164.14 -4.04 0.00	167.32 -3.24 0.00	113.91 -2.21 0.00	138.95 -1.83 0.00	103.04 -1.15 0.00	86.58 -0.96 0.00	87.00 -0.17 0.00
CHAUTAUQUA___LFGE 323629	65.63 -7.57 -1.79	65.49 -7.56 -1.71	65.01 -7.77 -1.51	64.74 -7.91 -1.39	66.05 -7.44 -1.94	67.72 -6.41 -2.13	76.26 -6.53 -4.12	84.74 -7.35 -4.57	85.02 -6.69 -3.73	81.81 -7.27 -1.46	82.48 -6.59 -1.26	82.73 -6.15 -1.07	82.38 -6.22 -0.90	80.48 -6.55 -0.91	81.71 -6.83 -0.93	86.99 -6.00 -4.82	92.49 -5.83 -10.06	152.85 -12.44 2.88	151.43 -13.65 5.48	106.39 -9.52 0.20	124.77 -13.52 2.50	94.49 -10.42 -0.72	80.95 -8.05 -1.47	81.42 -7.93 -2.17
CHERRYST_13_KV_LD 356241	109.20 5.07 -32.72	107.74 4.85 -31.55	103.92 4.92 -27.73	101.67 4.85 -25.55	111.59 4.79 -35.24	114.73 5.04 -37.69	126.66 5.74 -42.25	158.24 6.91 -63.79	143.48 7.65 -47.85	125.03 7.80 -29.62	119.27 7.81 -23.65	115.52 7.81 -19.90	111.88 7.54 -16.63	110.43 7.32 -16.98	112.52 7.80 -17.10	128.95 8.02 -32.76	153.64 7.94 -57.44	191.44 15.30 -7.97	187.30 15.35 -1.38	165.38 10.33 -38.93	162.26 11.68 -9.79	139.84 8.75 -26.90	122.74 7.00 -28.19	121.36 6.28 -27.91

CHESTROR_138KV_BK263 355645	105.63 3.71 -30.50	104.24 3.57 -29.33	100.61 3.56 -25.78	98.58 3.56 -23.75	108.17 3.58 -33.03	111.37 3.82 -35.55	122.85 4.25 -39.93	154.27 4.99 -61.75	138.66 5.45 -45.23	121.20 5.52 -28.06	117.53 5.44 -24.28	113.84 5.44 -20.58	110.37 5.26 -17.41	108.81 5.08 -17.61	110.93 5.43 -17.88	126.81 5.64 -33.00	149.95 5.74 -55.96	190.50 11.10 -11.22	186.59 11.26 -4.77	164.15 7.55 -40.49	162.66 8.73 -13.15	138.12 6.36 -27.58	121.47 5.16 -28.76	119.29 4.62 -27.49
CH_MIDHUDSON___DRP 24192	109.46 4.71 -33.34	108.03 4.64 -32.05	104.01 4.56 -28.18	101.79 4.56 -25.96	112.24 4.58 -36.10	115.68 4.82 -38.86	127.98 5.43 -43.88	161.48 6.30 -67.64	144.35 6.77 -49.59	125.04 6.75 -30.67	121.02 6.67 -26.54	116.98 6.67 -22.50	113.22 6.49 -19.03	111.66 6.29 -19.25	113.91 6.75 -19.54	131.20 6.96 -36.07	156.57 7.15 -61.16	194.34 13.79 -12.38	189.67 13.82 -5.29	169.86 9.29 -44.46	166.20 10.84 -14.58	142.35 8.02 -30.14	125.46 6.48 -31.44	123.07 5.84 -30.05
CH_MISC_IPPS 23765	109.10 4.92 -32.76	107.62 4.78 -31.50	103.66 4.70 -27.69	101.48 4.70 -25.51	111.76 4.72 -35.48	115.22 5.04 -38.19	127.41 5.67 -43.07	160.46 6.48 -66.45	143.73 7.04 -48.70	124.78 7.01 -30.15	120.83 6.94 -26.08	116.77 6.85 -22.11	113.07 6.66 -18.70	111.50 6.46 -18.92	113.84 7.01 -19.21	130.92 7.31 -35.45	155.85 7.50 -60.09	194.60 14.29 -12.14	190.07 14.33 -5.18	169.51 9.75 -43.64	166.33 11.27 -14.28	142.14 8.34 -29.62	125.18 6.74 -30.89	122.90 6.19 -29.53
CH_RES_BVR_FALLS 23983	70.05 -1.36 0.00	70.06 -1.28 0.00	70.06 -1.21 0.00	70.13 -1.14 0.00	70.41 -1.15 0.00	70.63 -1.37 0.00	77.17 -1.50 0.00	85.86 -1.67 0.00	86.05 -1.94 0.00	86.04 -1.57 0.00	86.23 -1.58 0.00	86.23 -1.58 0.00	86.21 -1.49 0.00	84.74 -1.38 0.00	86.13 -1.49 0.00	86.40 -1.76 0.00	86.58 -1.68 0.00	165.15 -3.02 0.00	167.83 -2.74 0.00	114.38 -1.74 0.00	139.24 -1.55 0.00	103.04 -1.14 0.00	86.40 -1.14 0.00	86.04 -1.14 0.00
CH_RES_NIAGARA 23895	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.50 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.37 -7.92 -2.29	73.98 -8.58 -3.88	80.89 -11.12 -4.48	81.12 -10.47 -3.60	77.31 -11.83 -1.52	78.23 -10.89 -1.31	78.38 -10.54 -1.11	77.94 -10.70 -0.94	75.87 -11.20 -0.95	77.28 -11.30 -0.96	82.71 -9.87 -4.42	87.29 -10.15 -9.18	142.63 -23.21 2.34	141.21 -24.73 4.62	100.41 -16.84 -1.13	116.25 -22.53 2.01	88.30 -16.77 -0.89	77.69 -11.38 -1.53	79.27 -10.03 -2.12
CH_RES_SYRACUSE 23985	73.38 -1.36 -3.33	73.04 -1.50 -3.20	72.45 -1.64 -2.81	72.30 -1.57 -2.59	73.88 -1.29 -3.61	74.87 -1.01 -3.88	80.64 -0.79 -2.76	92.52 -0.79 -5.78	91.20 -0.71 -3.92	89.67 -1.05 -3.10	89.62 -0.88 -2.69	89.12 -0.96 -2.28	88.58 -1.05 -1.93	86.86 -1.21 -1.95	88.45 -1.14 -1.98	91.20 -0.61 -3.65	93.84 -0.53 -6.11	167.28 -1.35 -0.46	169.19 -1.37 0.00	118.22 -0.93 -3.04	138.81 -1.97 0.00	105.52 -1.67 -3.01	89.37 -1.31 -3.14	88.78 -1.40 -3.00
CLINTON_WT_PWR 323605	69.63 -1.78 0.00	69.56 -1.78 0.00	69.85 -1.42 0.00	70.13 -1.14 0.00	70.41 -1.15 0.00	69.98 -2.02 0.00	76.23 -2.44 0.00	84.99 -2.54 0.00	84.82 -3.16 0.00	84.81 -2.81 0.00	84.82 -2.99 0.00	84.73 -3.08 0.00	84.63 -3.07 0.00	83.36 -2.76 0.00	84.90 -2.72 0.00	85.07 -3.09 0.00	85.70 -2.56 0.00	163.80 -4.37 0.00	167.16 -3.41 0.00	113.67 -2.44 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.31 -1.23 0.00	86.92 -0.26 0.00
CLINTON___LFGE 323618	70.70 -0.71 0.00	70.70 -0.64 0.00	70.99 -0.28 0.00	71.20 -0.07 0.00	71.56 0.00 0.00	70.99 -1.01 0.00	77.49 -1.18 0.00	86.30 -1.23 0.00	85.96 -2.02 0.00	85.87 -1.75 0.00	85.96 -1.85 0.00	85.88 -1.93 0.00	85.77 -1.93 0.00	84.48 -1.64 0.00	86.13 -1.49 0.00	86.40 -1.76 0.00	87.20 -1.06 0.00	165.98 -2.19 0.00	169.55 -1.02 0.00	115.31 -0.81 0.00	140.36 -0.42 0.00	104.08 -0.10 0.00	87.45 -0.09 0.00	88.23 1.05 0.00
COBBLENY_34_KV_TB1 80064	65.95 -7.28 -1.82	65.88 -7.21 -1.75	65.46 -7.34 -1.53	65.27 -7.41 -1.41	66.38 -7.16 -1.98	67.69 -6.48 -2.17	76.05 -6.84 -4.22	84.47 -7.70 -4.64	84.56 -7.21 -3.79	81.48 -7.62 -1.48	81.72 -7.38 -1.28	81.78 -7.11 -1.09	81.25 -7.37 -0.92	79.38 -7.66 -0.93	80.76 -7.80 -0.94	85.83 -7.23 -4.89	91.49 -7.06 -10.29	151.15 -14.13 2.90	150.18 -14.84 5.55	106.50 -10.22 -0.61	124.76 -13.52 2.51	94.53 -10.42 -0.76	80.83 -8.23 -1.52	81.21 -8.19 -2.23
COFFEEN___115KV_TB3 355620	74.61 1.50 -1.70	74.62 1.64 -1.63	73.92 1.21 -1.44	74.02 1.43 -1.32	75.04 1.65 -1.84	76.00 2.02 -1.98	82.44 2.36 -1.41	94.21 3.76 -2.91	93.30 3.34 -1.98	91.90 2.72 -1.56	91.53 2.37 -1.35	91.59 2.63 -1.15	91.13 2.46 -0.97	89.34 2.24 -0.98	90.89 2.28 -1.00	93.35 3.35 -1.84	95.79 4.32 -3.21	177.83 9.42 -0.24	180.63 10.06 0.00	124.79 7.08 -1.60	147.68 6.90 0.00	109.78 4.06 -1.54	91.77 2.63 -1.60	91.41 2.70 -1.53
COLDSPRG_115KV_BK1 355956	67.51 -5.57 -1.67	67.95 -4.99 -1.60	67.26 -5.42 -1.40	67.22 -5.35 -1.29	67.86 -5.51 -1.81	68.38 -5.62 -1.99	77.41 -5.74 -4.48	87.29 -5.08 -4.84	87.28 -4.66 -3.96	84.95 -4.21 -1.54	84.93 -4.21 -1.33	85.07 -3.86 -1.13	84.71 -3.95 -0.95	82.86 -4.22 -0.96	84.04 -4.56 -0.98	88.51 -4.76 -5.11	94.60 -4.41 -10.76	158.42 -6.73 3.03	157.93 -6.82 5.81	112.57 -5.11 -1.56	131.28 -6.90 2.61	99.28 -5.73 -0.82	83.12 -6.04 -1.62	82.65 -6.89 -2.36
COLONIE_LFGE___ 323577	115.98 3.93 -40.64	114.27 3.85 -39.08	109.47 3.85 -34.35	106.76 3.85 -31.65	119.58 4.00 -44.02	123.55 4.17 -47.38	176.49 4.64 -93.18	200.95 5.07 -108.35	180.36 5.28 -87.10	130.10 5.08 -37.40	125.34 5.18 -32.36	120.42 5.18 -27.43	116.16 5.26 -23.20	114.67 5.08 -23.47	116.53 5.08 -23.83	137.34 5.20 -43.98	168.29 5.47 -74.55	212.58 10.26 -34.15	200.14 10.23 -19.35	211.66 7.08 -88.46	202.58 8.45 -53.35	147.18 6.25 -36.75	131.21 5.34 -38.33	128.87 5.05 -36.64
COOPERNY_115KV_TB1 80082	98.90 2.64 -24.84	97.79 2.57 -23.88	94.83 2.57 -21.00	93.18 2.57 -19.34	101.03 2.58 -26.90	103.69 2.74 -28.95	114.32 3.07 -32.59	141.54 3.68 -50.33	128.91 4.05 -36.88	114.50 4.03 -22.86	111.62 4.04 -19.77	108.61 4.04 -16.76	105.74 3.86 -14.18	104.17 3.70 -14.34	106.12 3.94 -14.56	119.27 4.23 -26.88	138.16 4.32 -45.57	185.59 8.24 -9.17	182.83 8.36 -3.90	154.84 5.69 -33.03	157.88 6.34 -10.77	131.33 4.69 -22.46	114.73 3.76 -23.43	112.88 3.31 -22.39
COPENHAGEN_WT_PWR 323753	73.88 0.71 -1.76	73.89 0.86 -1.69	73.19 0.43 -1.48	73.28 0.64 -1.37	74.25 0.79 -1.90	75.20 1.15 -2.05	81.46 1.34 -1.45	93.17 2.54 -3.10	92.28 2.20 -2.10	90.94 1.66 -1.66	90.65 1.40 -1.44	90.61 1.58 -1.22	90.22 1.49 -1.03	88.46 1.29 -1.04	89.99 1.32 -1.06	92.32 2.20 -1.95	94.48 3.00 -3.22	175.15 6.73 -0.24	177.73 7.16 0.00	122.82 5.10 -1.60	145.42 4.64 0.00	108.38 2.61 -1.59	90.68 1.49 -1.66	90.50 1.74 -1.58
CORNELL_____ 23752	95.17 0.14 -23.62	94.15 0.07 -22.74	91.12 -0.14 -19.99	89.62 -0.07 -18.42	97.41 0.29 -25.57	99.93 0.58 -27.35	105.01 1.02 -25.31	135.26 1.40 -46.33	121.86 1.50 -32.38	112.21 1.05 -23.54	109.23 1.05 -20.37	105.96 0.88 -17.27	103.12 0.79 -14.62	101.51 0.60 -14.79	103.33 0.70 -15.02	102.78 1.41 -13.21	103.52 1.77 -13.50	197.81 3.53 -26.11	205.37 3.75 -31.05	131.53 2.55 -12.86	169.88 2.11 -26.98	131.87 1.25 -26.44	112.60 0.79 -24.27	107.23 0.44 -19.62

CORONA V_69_KV_TB1 355595	117.52 5.93 -40.18	114.76 5.78 -37.64	108.79 5.77 -31.74	110.07 5.77 -33.02	114.87 5.65 -37.66	119.93 5.98 -41.95	137.20 6.53 -52.00	161.40 7.44 -66.43	145.72 8.36 -49.38	126.21 8.41 -30.18	122.09 8.17 -26.11	117.85 7.90 -22.14	114.14 7.72 -18.72	112.64 7.58 -18.94	114.91 8.06 -19.23	131.94 8.29 -35.49	156.64 8.03 -60.35	195.73 15.47 -12.09	191.56 15.86 -5.14	170.60 10.91 -43.57	168.44 12.39 -15.27	143.22 9.38 -29.66	129.82 7.97 -34.32	123.98 7.24 -29.57
CORTLAND_115KV_TB3 80093	81.50 -0.21 -10.30	80.97 -0.29 -9.91	79.56 -0.43 -8.71	78.94 -0.36 -8.03	82.56 -0.14 -11.15	84.10 0.14 -11.95	91.20 0.47 -12.06	108.94 0.88 -20.54	103.59 0.97 -14.64	98.30 0.70 -9.98	97.15 0.70 -8.63	95.74 0.61 -7.32	94.43 0.53 -6.20	92.73 0.34 -6.27	94.42 0.44 -6.36	96.96 0.97 -7.83	100.31 1.06 -10.99	178.71 2.02 -8.52	181.78 2.22 -8.99	126.50 1.39 -9.00	150.80 0.99 -9.03	115.38 0.52 -10.68	97.96 0.18 -10.24	95.92 -0.09 -8.83
COXSACKIE__GT 23611	114.17 4.57 -38.18	112.55 4.50 -36.72	107.97 4.42 -32.27	105.35 4.35 -29.73	117.49 4.58 -41.35	121.47 4.96 -44.51	144.75 5.04 -61.04	177.74 5.69 -84.52	157.48 5.46 -64.04	127.75 4.99 -35.14	122.95 4.74 -30.40	118.23 4.65 -25.77	114.14 4.65 -21.80	112.56 4.39 -22.05	114.38 4.38 -22.39	134.41 4.93 -41.32	163.96 5.65 -70.04	198.97 11.44 -19.36	191.56 11.43 -9.56	183.89 7.54 -60.23	175.74 8.59 -26.37	144.85 6.15 -34.53	128.98 5.43 -36.01	126.91 5.32 -34.42
CPV_VALLEY__CC1 323721	102.96 3.07 -28.47	101.72 3.00 -27.38	98.33 2.99 -24.07	96.37 2.92 -22.17	105.33 2.93 -30.84	108.36 3.16 -33.19	119.47 3.54 -37.26	149.38 4.20 -57.65	134.86 4.66 -42.22	118.46 4.64 -26.20	115.13 4.65 -22.67	111.68 4.65 -19.22	108.43 4.47 -16.26	106.87 4.30 -16.44	108.95 4.64 -16.70	123.91 4.93 -30.81	145.43 4.94 -52.23	188.05 9.41 -10.47	184.39 9.37 -4.45	160.28 6.38 -37.78	160.36 7.32 -12.26	135.34 5.41 -25.75	118.77 4.38 -26.85	116.77 3.93 -25.67
CPV_VALLEY__CC2 323722	102.96 3.07 -28.47	101.72 3.00 -27.38	98.33 2.99 -24.07	96.37 2.92 -22.17	105.33 2.93 -30.84	108.36 3.16 -33.19	119.47 3.54 -37.26	149.38 4.20 -57.65	134.86 4.66 -42.22	118.46 4.64 -26.20	115.13 4.65 -22.67	111.68 4.65 -19.22	108.43 4.47 -16.26	106.87 4.30 -16.44	108.95 4.64 -16.70	123.91 4.93 -30.81	145.43 4.94 -52.23	188.05 9.41 -10.47	184.39 9.37 -4.45	160.28 6.38 -37.78	160.36 7.32 -12.26	135.34 5.41 -25.75	118.77 4.38 -26.85	116.77 3.93 -25.67
CRESCENT__HYD 24018	115.98 3.93 -40.64	114.27 3.85 -39.08	109.47 3.85 -34.35	106.76 3.85 -31.65	119.58 4.00 -44.02	123.55 4.17 -47.38	176.49 4.64 -93.18	200.95 5.07 -108.35	180.36 5.28 -87.10	130.10 5.08 -37.40	125.34 5.18 -32.36	120.42 5.18 -27.43	116.16 5.26 -23.20	114.67 5.08 -23.47	116.53 5.08 -23.83	137.34 5.20 -43.98	168.29 5.47 -74.55	212.58 10.26 -34.15	200.14 10.23 -19.35	211.66 7.08 -88.46	202.58 8.45 -53.35	147.18 6.25 -36.75	131.21 5.34 -38.33	128.87 5.05 -36.64
CRICKET__VALLEY_CC1 323756	110.26 4.36 -34.49	108.71 4.21 -33.16	104.62 4.20 -29.15	102.33 4.20 -26.85	113.13 4.22 -37.35	116.59 4.39 -40.20	129.64 4.88 -46.09	163.58 5.61 -70.44	145.82 6.07 -51.77	125.39 6.04 -31.74	121.24 5.97 -27.46	117.06 5.97 -23.28	113.36 5.97 -19.69	111.81 5.77 -19.91	113.88 6.04 -20.22	131.65 6.17 -37.32	157.79 6.27 -63.26	192.91 11.60 -13.14	188.02 11.76 -5.70	170.83 8.13 -46.59	166.07 9.58 -15.71	142.45 7.09 -31.18	125.93 5.87 -32.52	123.76 5.50 -31.09
CRICKET__VALLEY_CC2 323757	110.26 4.36 -34.49	108.71 4.21 -33.16	104.62 4.20 -29.15	102.33 4.20 -26.85	113.13 4.22 -37.35	116.59 4.39 -40.20	129.64 4.88 -46.09	163.58 5.61 -70.44	145.82 6.07 -51.77	125.39 6.04 -31.74	121.24 5.97 -27.46	117.06 5.97 -23.28	113.36 5.97 -19.69	111.81 5.77 -19.91	113.88 6.04 -20.22	131.65 6.17 -37.32	157.79 6.27 -63.26	192.91 11.60 -13.14	188.02 11.76 -5.70	170.83 8.13 -46.59	166.07 9.58 -15.71	142.45 7.09 -31.18	125.93 5.87 -32.52	123.76 5.50 -31.09
CRICKET__VALLEY_CC3 323758	110.26 4.36 -34.49	108.71 4.21 -33.16	104.62 4.20 -29.15	102.33 4.20 -26.85	113.13 4.22 -37.35	116.59 4.39 -40.20	129.64 4.88 -46.09	163.58 5.61 -70.44	145.82 6.07 -51.77	125.39 6.04 -31.74	121.24 5.97 -27.46	117.06 5.97 -23.28	113.36 5.97 -19.69	111.81 5.77 -19.91	113.88 6.04 -20.22	131.65 6.17 -37.32	157.79 6.27 -63.26	192.91 11.60 -13.14	188.02 11.76 -5.70	170.83 8.13 -46.59	166.07 9.58 -15.71	142.45 7.09 -31.18	125.93 5.87 -32.52	123.76 5.50 -31.09
CRUCIBLE_METL_DRP 24180	73.39 -1.36 -3.33	73.05 -1.50 -3.20	72.45 -1.64 -2.81	72.30 -1.57 -2.59	73.87 -1.29 -3.61	74.87 -1.01 -3.88	80.64 -0.79 -2.76	92.45 -0.79 -5.71	91.15 -0.70 -3.87	89.63 -1.05 -3.06	89.58 -0.88 -2.65	89.09 -0.97 -2.25	88.55 -1.05 -1.90	86.84 -1.21 -1.92	88.43 -1.14 -1.95	91.15 -0.62 -3.60	93.92 -0.53 -6.19	167.29 -1.35 -0.46	169.20 -1.36 0.00	118.26 -0.93 -3.08	138.81 -1.97 0.00	105.53 -1.67 -3.01	89.37 -1.31 -3.14	88.78 -1.39 -3.00
DAHOWA__HYDRO 323763	117.94 5.28 -41.25	116.21 5.21 -39.66	111.27 5.13 -34.86	108.52 5.13 -32.12	121.66 5.44 -44.67	125.77 5.69 -48.08	186.37 6.37 -101.33	208.99 7.09 -114.37	188.13 7.22 -92.93	132.23 6.66 -37.95	127.32 6.67 -32.84	122.23 6.59 -27.84	117.74 6.49 -23.54	116.22 6.28 -23.81	118.19 6.39 -24.18	139.67 6.88 -44.63	171.59 7.67 -75.66	220.70 14.62 -37.90	207.07 14.67 -21.83	221.72 9.99 -95.62	212.67 11.68 -60.21	150.12 8.64 -37.29	133.53 7.09 -38.90	131.24 6.89 -37.18
DANC__LFGE 323619	73.06 -0.43 -2.07	72.91 -0.43 -1.99	72.24 -0.78 -1.75	72.24 -0.64 -1.61	73.30 -0.50 -2.24	74.27 -0.14 -2.41	80.31 -0.08 -1.71	91.78 0.62 -3.63	90.89 0.44 -2.46	89.48 -0.09 -1.95	89.32 -0.18 -1.69	89.24 0.00 -1.43	88.82 -0.09 -1.21	87.09 -0.26 -1.22	88.60 -0.26 -1.24	90.90 0.44 -2.29	93.03 0.97 -3.80	170.81 2.35 -0.28	173.29 2.72 0.00	119.98 1.97 -1.89	141.90 1.12 0.00	106.26 0.21 -1.87	89.32 -0.17 -1.95	89.04 0.00 -1.87
DANSKAMMER__1 23586	109.10 4.92 -32.76	107.62 4.78 -31.50	103.66 4.70 -27.69	101.48 4.70 -25.51	111.76 4.72 -35.48	115.22 5.04 -38.19	127.41 5.67 -43.07	160.46 6.48 -66.45	143.73 7.04 -48.70	124.78 7.01 -30.15	120.83 6.94 -26.08	116.77 6.85 -22.11	113.07 6.66 -18.70	111.50 6.46 -18.92	113.84 7.01 -19.21	130.92 7.31 -35.45	155.85 7.50 -60.09	194.60 14.29 -12.14	190.07 14.33 -5.18	169.51 9.75 -43.64	166.33 11.27 -14.28	142.14 8.34 -29.62	125.18 6.74 -30.89	122.90 6.19 -29.53
DANSKAMMER__2 23589	109.10 4.92 -32.76	107.62 4.78 -31.50	103.66 4.70 -27.69	101.48 4.70 -25.51	111.76 4.72 -35.48	115.22 5.04 -38.19	127.41 5.67 -43.07	160.46 6.48 -66.45	143.73 7.04 -48.70	124.78 7.01 -30.15	120.83 6.94 -26.08	116.77 6.85 -22.11	113.07 6.66 -18.70	111.50 6.46 -18.92	113.84 7.01 -19.21	130.92 7.31 -35.45	155.85 7.50 -60.09	194.60 14.29 -12.14	190.07 14.33 -5.18	169.51 9.75 -43.64	166.33 11.27 -14.28	142.14 8.34 -29.62	125.18 6.74 -30.89	122.90 6.19 -29.53
DANSKAMMER__3 23590	109.10 4.92 -32.76	107.62 4.78 -31.50	103.66 4.70 -27.69	101.48 4.70 -25.51	111.76 4.72 -35.48	115.22 5.04 -38.19	127.41 5.67 -43.07	160.46 6.48 -66.45	143.73 7.04 -48.70	124.78 7.01 -30.15	120.83 6.94 -26.08	116.77 6.85 -22.11	113.07 6.66 -18.70	111.50 6.46 -18.92	113.84 7.01 -19.21	130.92 7.31 -35.45	155.85 7.50 -60.09	194.60 14.29 -12.14	190.07 14.33 -5.18	169.51 9.75 -43.64	166.33 11.27 -14.28	142.14 8.34 -29.62	125.18 6.74 -30.89	122.90 6.19 -29.53

DANSKAMMER___4 23591	109.10 4.92 -32.76	107.62 4.78 -31.50	103.66 4.70 -27.69	101.48 4.70 -25.51	111.76 4.72 -35.48	115.22 5.04 -38.19	127.41 5.67 -43.07	160.46 6.48 -66.45	143.73 7.04 -48.70	124.78 7.01 -30.15	120.83 6.94 -26.08	116.77 6.85 -22.11	113.07 6.66 -18.70	111.50 6.46 -18.92	113.84 7.01 -19.21	130.92 7.31 -35.45	155.85 7.50 -60.09	194.60 14.29 -12.14	190.07 14.33 -5.18	169.51 9.75 -43.64	166.33 11.27 -14.28	142.14 8.34 -29.62	125.18 6.74 -30.89	122.90 6.19 -29.53
DANSKAMMER___DIESEL 23592	109.10 4.93 -32.76	107.62 4.78 -31.50	103.66 4.70 -27.69	101.48 4.70 -25.51	111.76 4.72 -35.48	115.23 5.04 -38.19	127.40 5.66 -43.07	160.54 6.56 -66.44	143.72 7.04 -48.70	124.77 7.01 -30.14	120.82 6.94 -26.08	116.76 6.85 -22.11	113.07 6.67 -18.70	111.49 6.46 -18.91	113.74 6.92 -19.21	130.84 7.23 -35.44	155.86 7.50 -60.10	194.78 14.46 -12.14	190.24 14.50 -5.18	169.51 9.75 -43.64	166.33 11.26 -14.28	142.14 8.33 -29.62	125.18 6.74 -30.89	122.81 6.10 -29.53
DARBY___SOLAR 323810	117.50 4.92 -41.16	115.78 4.85 -39.58	110.84 4.78 -34.79	108.10 4.78 -32.05	121.14 5.01 -44.58	125.24 5.25 -47.98	184.93 5.90 -100.36	207.74 6.57 -113.64	186.89 6.68 -92.23	131.63 6.13 -37.88	126.72 6.14 -32.77	121.64 6.05 -27.78	117.17 5.97 -23.50	115.66 5.77 -23.77	117.71 5.96 -24.13	139.14 6.43 -44.54	170.83 7.06 -75.51	219.09 13.46 -37.46	205.75 13.65 -21.54	220.05 9.17 -94.76	211.02 10.84 -59.40	149.42 8.02 -37.22	133.01 6.65 -38.82	130.64 6.36 -37.10
DASHVILLE___HYD 23610	108.45 3.29 -33.75	106.93 3.14 -32.45	102.93 3.14 -28.52	100.68 3.14 -26.28	111.25 3.15 -36.55	114.72 3.38 -39.34	129.04 3.85 -46.52	161.93 4.55 -69.85	144.52 4.93 -51.61	123.58 4.91 -31.05	119.50 4.83 -26.87	115.32 4.74 -22.77	111.53 4.56 -19.26	110.00 4.39 -19.48	112.31 4.91 -19.78	129.88 5.20 -36.51	155.55 5.38 -61.91	192.31 10.59 -13.54	187.18 10.58 -6.03	170.01 7.08 -46.82	165.59 8.17 -16.64	140.63 5.94 -30.51	124.09 4.73 -31.83	121.69 4.10 -30.42
DEERFIELD_69_KV_DEERFIELD LD 355887	119.31 7.71 -40.18	116.47 7.49 -37.64	110.42 7.41 -31.74	112.21 7.91 -33.02	117.16 7.94 -37.66	122.09 8.14 -41.95	140.19 9.52 -52.00	164.55 10.59 -66.43	149.06 11.70 -49.38	127.53 9.73 -30.18	123.84 9.92 -26.11	119.25 9.31 -22.14	115.11 8.68 -18.72	113.67 8.61 -18.94	116.14 9.29 -19.23	132.29 8.64 -35.49	158.09 9.80 -60.03	199.93 19.68 -12.09	196.00 20.30 -5.14	173.39 13.70 -43.57	168.91 15.06 -13.07	144.78 10.94 -29.66	131.57 9.72 -34.32	125.72 8.98 -29.57
DELAWARE___LFGE 323621	87.74 2.14 -14.19	87.20 2.21 -13.64	85.40 2.14 -11.99	84.53 2.21 -11.05	89.21 2.29 -15.37	90.99 2.45 -16.54	106.93 2.75 -25.51	124.09 3.33 -33.23	117.27 3.61 -25.68	104.09 3.42 -13.06	102.44 3.34 -11.30	100.72 3.34 -9.58	99.05 3.25 -8.10	97.33 3.01 -8.19	99.09 3.15 -8.32	107.04 3.53 -15.35	118.11 3.80 -26.05	184.12 7.40 -8.55	182.71 7.68 -4.47	146.17 5.23 -24.83	158.74 5.63 -12.33	121.18 4.17 -12.83	104.16 3.24 -13.38	102.76 2.79 -12.79
DERFIELD_115KV_TB7 355931	71.84 0.43 0.00	71.77 0.43 0.00	71.63 0.36 0.00	71.63 0.36 0.00	71.99 0.43 0.00	72.58 0.58 0.00	79.30 0.63 0.00	88.14 0.61 0.00	88.77 0.79 0.00	88.32 0.70 0.00	88.60 0.79 0.00	88.60 0.79 0.00	88.49 0.79 0.00	86.81 0.69 0.00	88.32 0.70 0.00	88.96 0.79 0.00	89.23 0.97 0.00	170.02 1.85 0.00	172.44 1.88 0.00	117.39 1.28 0.00	142.05 1.27 0.00	105.22 1.04 0.00	88.42 0.88 0.00	87.87 0.70 0.00
DOGLEVILLE___HYD 23807	72.98 1.57 0.00	72.91 1.57 0.00	72.70 1.42 0.00	72.77 1.50 0.00	73.20 1.65 0.00	73.80 1.80 0.00	82.92 4.25 0.00	92.43 4.90 0.00	92.99 5.01 0.00	92.61 4.99 0.00	92.81 5.00 0.00	92.81 5.00 0.00	92.61 4.91 0.00	90.77 4.65 0.00	92.43 4.82 0.00	93.01 4.85 0.00	94.17 5.91 0.00	181.30 13.13 0.00	185.24 14.67 0.00	126.68 10.57 0.00	153.46 12.68 0.00	113.87 9.69 0.00	96.29 8.75 0.00	95.55 8.37 0.00
DUNKIRK___115KV_TB_200 55889	65.64 -7.57 -1.79	65.50 -7.56 -1.72	65.01 -7.77 -1.51	64.75 -7.91 -1.39	66.06 -7.44 -1.95	67.73 -6.41 -2.13	76.17 -6.61 -4.10	84.50 -7.53 -4.50	84.80 -6.86 -3.68	81.69 -7.36 -1.43	82.37 -6.67 -1.24	82.54 -6.32 -1.05	82.19 -6.40 -0.88	80.21 -6.80 -0.89	81.52 -7.01 -0.91	86.78 -6.17 -4.78	92.33 -6.00 -10.08	152.52 -12.78 2.87	151.11 -13.99 5.47	106.12 -9.75 0.25	124.63 -13.66 2.50	94.28 -10.63 -0.72	80.95 -8.05 -1.46	81.41 -7.93 -2.16
DUNKIRK___1 23563	65.64 -7.57 -1.79	65.50 -7.56 -1.72	65.01 -7.77 -1.51	64.75 -7.91 -1.39	66.06 -7.44 -1.95	67.73 -6.41 -2.13	76.17 -6.61 -4.10	84.50 -7.53 -4.50	84.80 -6.86 -3.68	81.69 -7.36 -1.43	82.37 -6.67 -1.24	82.54 -6.32 -1.05	82.19 -6.40 -0.88	80.21 -6.80 -0.89	81.52 -7.01 -0.91	86.78 -6.17 -4.78	92.33 -6.00 -10.08	152.52 -12.78 2.87	151.11 -13.99 5.47	106.12 -9.75 0.25	124.63 -13.66 2.50	94.28 -10.63 -0.72	80.95 -8.05 -1.46	81.41 -7.93 -2.16
DUNKIRK___2 23564	65.64 -7.57 -1.79	65.50 -7.56 -1.72	65.01 -7.77 -1.51	64.75 -7.91 -1.39	66.06 -7.44 -1.95	67.73 -6.41 -2.13	76.17 -6.61 -4.10	84.50 -7.53 -4.50	84.80 -6.86 -3.68	81.69 -7.36 -1.43	82.37 -6.67 -1.24	82.54 -6.32 -1.05	82.19 -6.40 -0.88	80.21 -6.80 -0.89	81.52 -7.01 -0.91	86.78 -6.17 -4.78	92.33 -6.00 -10.08	152.52 -12.78 2.87	151.11 -13.99 5.47	106.12 -9.75 0.25	124.63 -13.66 2.50	94.28 -10.63 -0.72	80.95 -8.05 -1.46	81.41 -7.93 -2.16
DUNKIRK___3 23565	65.58 -7.64 -1.81	65.44 -7.63 -1.73	65.02 -7.77 -1.52	64.83 -7.84 -1.40	66.07 -7.44 -1.96	67.67 -6.48 -2.15	75.79 -6.92 -4.04	84.09 -7.88 -4.44	84.40 -7.21 -3.63	81.23 -7.80 -1.41	81.83 -7.20 -1.22	81.99 -6.85 -1.03	81.56 -7.02 -0.87	79.68 -7.32 -0.88	80.98 -7.54 -0.89	86.10 -6.79 -4.73	91.61 -6.62 -9.97	151.36 -13.96 2.85	150.30 -14.84 5.43	105.14 -10.33 0.64	124.08 -14.22 2.49	93.94 -10.94 -0.70	80.57 -8.40 -1.43	81.02 -8.28 -2.13
DUNKIRK___4 23566	65.58 -7.64 -1.81	65.44 -7.63 -1.73	65.02 -7.77 -1.52	64.83 -7.84 -1.40	66.07 -7.44 -1.96	67.67 -6.48 -2.15	75.79 -6.92 -4.04	84.09 -7.88 -4.44	84.40 -7.21 -3.63	81.23 -7.80 -1.41	81.83 -7.20 -1.22	81.99 -6.85 -1.03	81.56 -7.02 -0.87	79.68 -7.32 -0.88	80.98 -7.54 -0.89	86.10 -6.79 -4.73	91.61 -6.62 -9.97	151.36 -13.96 2.85	150.30 -14.84 5.43	105.14 -10.33 0.64	124.08 -14.22 2.49	93.94 -10.94 -0.70	80.57 -8.40 -1.43	81.02 -8.28 -2.13
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	109.01 4.78 -32.81	107.46 4.57 -31.55	103.57 4.56 -27.74	101.38 4.56 -25.55	111.60 4.51 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.28 6.30 -66.45	143.61 6.95 -48.68	124.91 7.10 -30.19	120.95 7.02 -26.12	116.98 7.02 -22.14	113.19 6.75 -18.73	111.70 6.63 -18.94	113.86 7.01 -19.24	130.90 7.23 -35.50	155.69 7.24 -60.20	194.22 13.96 -12.09	189.69 13.99 -5.14	169.10 9.41 -43.58	165.93 10.98 -14.17	141.87 8.02 -29.67	125.05 6.57 -30.95	122.68 5.93 -29.58
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	107.40 4.21 -31.78	106.04 4.14 -30.55	102.19 4.06 -26.86	100.08 4.06 -24.74	110.05 4.08 -34.42	113.36 4.32 -37.04	125.31 4.88 -41.76	157.66 5.69 -64.44	141.36 6.16 -47.22	122.99 6.13 -29.24	119.25 6.15 -25.30	115.31 6.06 -21.44	111.72 5.88 -18.14	110.15 5.68 -18.35	112.38 6.13 -18.63	128.89 6.35 -34.38	153.09 6.53 -58.30	192.55 12.61 -11.77	188.38 12.79 -5.02	167.03 8.59 -42.32	164.47 9.85 -13.84	140.21 7.29 -28.73	123.37 5.87 -29.97	121.05 5.23 -28.64

E179THST_138_KV_TB4_REV_LBMP_J 345001	108.87 4.64 -32.82	107.32 4.42 -31.55	103.43 4.42 -27.74	101.24 4.42 -25.55	111.39 4.29 -35.54	114.86 4.61 -38.25	126.62 4.96 -42.99	160.11 6.13 -66.46	143.52 6.86 -48.68	124.91 7.10 -30.20	121.22 7.29 -26.12	117.15 7.20 -22.15	113.36 6.93 -18.73	111.87 6.80 -18.95	114.04 7.18 -19.24	131.07 7.41 -35.51	155.61 7.15 -60.20	193.88 13.62 -12.09	189.18 13.47 -5.14	168.76 9.06 -43.59	165.23 10.28 -14.17	141.77 7.92 -29.67	124.88 6.39 -30.95	122.34 5.58 -29.58
E179THST_13_KV_LOAD 356214	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.46 4.63 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.35 7.54 -30.20	121.66 7.73 -26.12	117.59 7.64 -22.15	113.80 7.37 -18.73	112.22 7.15 -18.95	114.48 7.62 -19.24	131.51 7.85 -35.51	156.05 7.59 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	165.94 10.98 -14.17	142.29 8.44 -29.67	125.32 6.83 -30.95	122.68 5.93 -29.58
EAST HAMPTON___GT 23717	119.88 8.28 -40.18	117.04 8.06 -37.64	110.99 7.98 -31.74	112.63 8.33 -33.02	117.73 8.51 -37.66	122.95 9.00 -41.95	140.97 10.30 -52.00	165.34 11.37 -66.44	149.85 12.49 -49.38	128.31 10.51 -30.19	124.63 10.71 -26.12	119.95 10.01 -22.14	115.90 9.47 -18.73	114.37 9.30 -18.94	117.18 10.33 -19.23	134.77 11.11 -35.50	159.05 10.76 -60.03	201.79 21.53 -12.08	197.54 21.84 -5.14	174.67 14.98 -43.57	170.31 16.46 -13.07	145.82 11.98 -29.66	132.36 10.50 -34.32	126.77 10.02 -29.57
EAST RIVER___6 23660	108.92 4.79 -32.72	107.46 4.57 -31.55	103.57 4.57 -27.73	101.31 4.49 -25.55	111.23 4.44 -35.24	114.44 4.75 -37.69	126.27 5.35 -42.25	157.81 6.48 -63.80	143.23 7.39 -47.85	124.77 7.54 -29.62	119.01 7.55 -23.65	115.26 7.55 -19.90	111.53 7.19 -16.64	110.17 7.06 -16.99	112.26 7.54 -17.10	128.87 7.94 -32.77	153.36 7.67 -57.43	190.94 14.80 -7.97	186.62 14.67 -1.38	164.90 9.86 -38.92	161.84 11.27 -9.79	139.42 8.34 -26.90	122.38 6.65 -28.19	121.09 6.01 -27.91
EAST RIVER___7 23524	108.92 4.79 -32.72	107.46 4.57 -31.55	103.57 4.57 -27.73	101.31 4.49 -25.55	111.23 4.44 -35.24	114.44 4.75 -37.69	126.27 5.35 -42.25	157.81 6.48 -63.80	143.23 7.39 -47.85	124.77 7.54 -29.62	119.01 7.55 -23.65	115.26 7.55 -19.90	111.53 7.19 -16.64	110.17 7.06 -16.99	112.26 7.54 -17.10	128.87 7.94 -32.77	153.36 7.67 -57.43	190.94 14.80 -7.97	186.62 14.67 -1.38	164.90 9.86 -38.92	161.84 11.27 -9.79	139.42 8.34 -26.90	122.38 6.65 -28.19	121.09 6.01 -27.91
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	108.80 4.64 -32.74	107.25 4.42 -31.48	103.44 4.49 -27.68	101.19 4.42 -25.50	111.38 4.36 -35.46	114.85 4.68 -38.17	126.76 5.19 -42.90	159.97 6.13 -66.31	143.33 6.77 -48.57	124.58 6.83 -30.13	120.72 6.85 -26.07	116.75 6.85 -22.10	112.97 6.58 -18.69	111.49 6.46 -18.90	113.65 6.83 -19.20	130.64 7.05 -35.43	155.39 7.06 -60.07	193.86 13.62 -12.06	189.34 13.65 -5.13	168.78 9.17 -43.49	165.48 10.56 -14.14	141.60 7.81 -29.61	124.81 6.39 -30.88	122.44 5.75 -29.51
EAST_HAMPTON___DIESEL 23722	119.81 8.21 -40.18	117.04 8.06 -37.64	110.99 7.98 -31.74	112.63 8.33 -33.02	117.73 8.51 -37.66	122.95 9.00 -41.95	140.97 10.30 -52.00	165.34 11.37 -66.44	149.85 12.49 -49.38	128.31 10.51 -30.19	124.55 10.62 -26.12	119.95 10.01 -22.14	115.90 9.47 -18.73	114.37 9.30 -18.94	117.10 10.25 -19.23	134.77 11.11 -35.50	159.05 10.76 -60.03	201.62 21.36 -12.08	197.37 21.66 -5.14	174.67 14.98 -43.57	170.31 16.46 -13.07	145.72 11.87 -29.66	132.36 10.50 -34.32	126.68 9.93 -29.57
EAST_POINT___SOLAR 323840	121.60 5.00 -45.19	119.71 4.92 -43.45	114.38 4.91 -38.19	111.37 4.91 -35.18	125.86 5.37 -48.94	130.50 5.83 -52.67	189.37 6.77 -103.93	215.84 7.61 -120.70	192.27 7.22 -97.07	134.45 5.26 -41.58	128.17 4.39 -35.97	121.29 2.99 -30.50	115.95 2.45 -25.79	114.45 2.24 -26.09	117.26 3.15 -26.49	141.81 4.76 -48.89	178.64 7.50 -82.89	222.44 16.15 -38.12	208.91 16.73 -21.62	225.90 11.15 -98.63	213.20 12.81 -59.61	154.10 9.06 -40.86	137.51 7.35 -42.61	134.71 6.80 -40.73
EAST_PULASKI___ESR 323781	72.28 -1.50 -2.37	72.05 -1.57 -2.28	71.50 -1.78 -2.00	71.34 -1.78 -1.85	72.55 -1.57 -2.57	73.54 -1.22 -2.76	79.30 -1.34 -1.96	90.44 -1.23 -4.14	89.47 -1.32 -2.81	88.17 -1.67 -2.22	88.06 -1.67 -1.92	87.86 -1.58 -1.63	87.41 -1.67 -1.38	85.79 -1.72 -1.39	87.19 -1.84 -1.42	89.54 -1.23 -2.61	91.64 -0.97 -4.35	166.82 -1.68 -0.33	168.86 -1.71 0.00	117.12 -1.16 -2.16	138.53 -2.26 0.00	104.24 -2.08 -2.14	88.03 -1.75 -2.24	87.66 -1.66 -2.14
EAST_RIVER___1 323558	109.06 4.92 -32.72	107.60 4.71 -31.55	103.71 4.70 -27.73	101.52 4.70 -25.55	111.38 4.58 -35.24	114.59 4.90 -37.69	126.43 5.51 -42.25	157.90 6.57 -63.80	143.23 7.39 -47.85	124.77 7.54 -29.62	119.01 7.55 -23.65	115.17 7.46 -19.90	111.53 7.19 -16.64	110.17 7.06 -16.99	112.26 7.54 -17.10	128.77 7.84 -32.77	153.36 7.67 -57.43	190.76 14.62 -7.97	186.44 14.49 -1.38	164.90 9.86 -38.92	161.84 11.27 -9.79	139.52 8.44 -26.90	122.47 6.74 -28.19	121.18 6.10 -27.91
EAST_RIVER___2 323559	108.92 4.79 -32.72	107.46 4.57 -31.55	103.57 4.57 -27.73	101.31 4.49 -25.55	111.23 4.44 -35.24	114.44 4.75 -37.69	126.27 5.35 -42.25	157.81 6.48 -63.80	143.23 7.39 -47.85	124.77 7.54 -29.62	119.01 7.55 -23.65	115.26 7.55 -19.90	111.53 7.19 -16.64	110.17 7.06 -16.99	112.26 7.54 -17.10	128.77 7.94 -32.77	153.36 7.67 -57.43	190.94 14.80 -7.97	186.62 14.67 -1.38	164.90 9.86 -38.92	161.84 11.27 -9.79	139.42 8.34 -26.90	122.38 6.65 -28.19	121.09 6.01 -27.91
EAST___DELAWARE_HYD 23607	105.43 4.07 -29.95	104.14 3.99 -28.80	100.43 3.85 -25.32	98.44 3.85 -23.32	107.86 3.86 -32.44	111.16 4.25 -34.91	123.26 4.72 -39.87	154.21 5.61 -61.08	138.74 5.90 -44.86	120.96 5.78 -27.56	117.28 5.62 -23.85	113.56 5.54 -20.22	110.06 5.26 -17.10	108.50 5.08 -17.29	110.79 5.61 -17.56	126.74 6.17 -32.41	149.64 6.44 -54.94	192.29 12.77 -11.34	188.26 12.80 -4.90	165.15 8.71 -40.33	164.14 9.85 -13.50	138.56 7.29 -27.08	121.56 5.78 -28.25	119.32 5.14 -27.00
EIGHT_POINT___WT_PWR 323820	63.02 -6.79 1.61	62.86 -6.92 1.56	62.77 -7.13 1.38	62.94 -7.06 1.27	63.31 -6.51 1.74	64.45 -5.76 1.78	72.92 -5.98 -0.24	76.72 -6.92 3.89	79.29 -6.86 1.83	76.25 -7.97 3.39	77.32 -7.55 2.94	77.41 -7.90 2.49	78.31 -7.28 2.12	77.01 -6.97 2.14	79.13 -6.31 2.17	88.00 -4.59 -4.42	97.65 -3.26 -12.66	151.28 -6.05 10.85	147.91 -6.48 16.17	149.55 -4.29 -37.73	123.72 -6.61 10.45	93.30 -5.42 5.46	78.96 -4.81 3.76	80.43 -5.23 1.52
ELBRIDGE_115KV_TB2 80188	73.09 -1.86 -3.53	72.81 -1.93 -3.39	72.19 -2.07 -2.98	71.95 -2.07 -2.75	73.66 -1.72 -3.82	74.67 -1.44 -4.11	80.34 -1.26 -2.92	92.18 -1.40 -6.05	90.86 -1.23 -4.11	89.29 -1.58 -3.25	89.13 -1.49 -2.81	88.70 -1.49 -2.38	88.14 -1.58 -2.02	86.44 -1.72 -2.04	87.93 -1.75 -2.07	90.84 -1.15 -3.82	93.75 -1.06 -6.55	166.14 -2.52 -0.49	168.01 -2.56 0.00	117.52 -1.86 -3.26	137.83 -2.96 0.00	104.98 -2.40 -3.19	89.03 -1.84 -3.33	88.44 -1.92 -3.18
ELEC_TRO_TEK 24086	117.17 5.57 -40.18	114.40 5.42 -37.64	108.43 5.42 -31.74	109.71 5.42 -33.02	114.58 5.37 -37.66	119.57 5.62 -41.95	136.96 6.29 -52.00	161.05 7.09 -66.43	145.36 8.01 -49.38	125.77 7.97 -30.18	121.82 7.90 -26.11	117.58 7.64 -22.14	113.88 7.45 -18.72	112.38 7.32 -18.94	114.56 7.71 -19.23	131.59 7.93 -35.49	156.21 7.77 -60.18	195.23 14.97 -12.09	190.88 15.18 -5.14	170.02 10.33 -43.57	166.47 11.68 -14.00	142.70 8.86 -29.66	129.39 7.53 -34.32	123.54 6.80 -29.57

ELLENBURG_WT_PWR 323604	69.63 -1.78 0.00	69.56 -1.78 0.00	69.85 -1.42 0.00	70.13 -1.14 0.00	70.41 -1.15 0.00	69.98 -2.02 0.00	76.23 -2.44 0.00	84.99 -2.54 0.00	84.82 -3.16 0.00	84.81 -2.81 0.00	84.82 -2.99 0.00	84.73 -3.08 0.00	84.63 -3.07 0.00	83.36 -2.76 0.00	84.90 -2.72 0.00	85.07 -3.09 0.00	85.70 -2.56 0.00	163.80 -4.37 0.00	167.16 -3.41 0.00	113.67 -2.44 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.31 -1.23 0.00	86.92 -0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	65.12 -8.14 -1.85	64.84 -8.28 -1.77	64.56 -8.27 -1.56	64.30 -8.41 -1.43	65.62 -7.94 -2.01	67.50 -6.70 -2.19	75.30 -7.32 -3.95	83.17 -8.75 -4.40	83.38 -8.18 -3.58	80.10 -8.94 -1.42	80.69 -8.34 -1.23	80.68 -8.17 -1.04	80.25 -8.33 -0.88	78.31 -8.70 -0.89	79.67 -8.85 -0.90	84.93 -7.85 -4.61	90.10 -7.85 -9.69	148.47 -16.99 2.71	147.29 -18.08 5.20	103.29 -12.31 0.52	121.81 -16.61 2.36	92.40 -12.50 -0.72	79.87 -9.10 -1.43	80.56 -8.72 -2.10
EMPIRE_CC_1 323656	113.21 3.14 -38.66	111.58 3.07 -37.17	107.01 3.06 -32.68	104.44 3.06 -30.10	116.57 3.14 -41.87	120.38 3.31 -45.07	141.77 3.54 -59.55	175.31 3.68 -84.11	155.18 3.87 -63.33	127.31 4.12 -35.58	123.06 4.48 -30.78	118.46 4.56 -26.09	114.33 4.56 -22.07	112.92 4.48 -22.32	114.75 4.47 -22.67	134.40 4.41 -41.83	163.68 4.50 -70.92	194.76 8.07 -18.52	187.70 8.19 -8.95	180.84 5.69 -59.04	172.22 6.76 -24.68	144.24 5.10 -34.96	128.46 4.46 -36.46	126.21 4.18 -34.85
EMPIRE_CC_2 323658	113.21 3.14 -38.66	111.58 3.07 -37.17	107.01 3.06 -32.68	104.44 3.06 -30.10	116.57 3.14 -41.87	120.38 3.31 -45.07	141.77 3.54 -59.55	175.31 3.68 -84.11	155.18 3.87 -63.33	127.31 4.12 -35.58	123.06 4.48 -30.78	118.46 4.56 -26.09	114.33 4.56 -22.07	112.92 4.48 -22.32	114.75 4.47 -22.67	134.40 4.41 -41.83	163.68 4.50 -70.92	194.76 8.07 -18.52	187.70 8.19 -8.95	180.84 5.69 -59.04	172.22 6.76 -24.68	144.24 5.10 -34.96	128.46 4.46 -36.46	126.21 4.18 -34.85
ENORWICH_115KV_TB1 80156	90.07 3.21 -15.44	89.62 3.42 -14.86	87.33 2.99 -13.06	86.58 3.28 -12.03	91.93 3.65 -16.72	94.19 4.25 -17.94	104.22 4.96 -20.59	126.21 6.48 -32.20	117.74 6.25 -23.51	108.10 5.70 -14.79	105.96 5.36 -12.79	104.10 5.44 -10.85	102.15 5.26 -9.18	100.14 4.74 -9.28	102.21 5.17 -9.43	107.55 6.70 -12.69	114.68 7.77 -18.66	197.38 16.82 -12.39	200.48 17.91 -12.01	145.25 12.31 -16.82	167.68 12.81 -14.08	128.85 9.06 -15.60	109.21 6.48 -15.20	106.12 5.58 -13.36
ERIE_ST__34_KV_TB1-2 80199	66.81 -6.50 -1.89	67.09 -6.06 -1.81	66.52 -6.34 -1.59	66.54 -6.20 -1.47	67.02 -6.58 -2.05	67.48 -6.77 -2.24	75.10 -7.71 -4.14	84.69 -7.44 -4.59	84.51 -7.21 -3.75	82.35 -6.75 -1.48	82.07 -7.02 -1.28	81.96 -6.94 -1.09	81.51 -7.10 -0.92	79.73 -7.32 -0.93	80.93 -7.62 -0.94	85.03 -7.93 -4.80	90.58 -7.77 -10.09	153.27 -12.95 1.95	153.44 -12.96 4.16	108.00 -9.06 -0.94	128.05 -11.26 1.47	96.43 -8.65 -0.89	80.73 -8.32 -1.50	80.39 -8.98 -2.20
ERIE_WT_PWR 323693	65.55 -7.71 -1.85	65.41 -7.71 -1.77	64.99 -7.84 -1.56	64.79 -7.91 -1.43	66.05 -7.51 -2.00	67.50 -6.69 -2.19	75.56 -7.16 -4.04	83.92 -8.14 -4.53	83.93 -7.74 -3.69	80.75 -8.33 -1.46	81.25 -7.82 -1.26	81.24 -7.64 -1.07	80.80 -7.81 -0.90	78.93 -8.10 -0.91	80.22 -8.33 -0.92	85.33 -7.58 -4.75	90.64 -7.50 -9.88	150.06 -15.30 2.81	148.84 -16.38 5.36	104.72 -11.15 0.25	123.42 -14.93 2.44	93.65 -11.25 -0.72	80.24 -8.75 -1.45	80.68 -8.63 -2.14
ESPRGFLD_115KV_TB1 80157	73.91 2.50 0.00	73.91 2.57 0.00	73.69 2.42 0.00	73.77 2.49 0.00	74.35 2.79 0.00	75.10 3.10 0.00	131.47 3.70 -49.10	124.00 4.55 -31.92	125.41 4.58 -32.86	91.38 3.77 0.00	91.23 3.42 0.00	90.88 3.07 0.00	90.51 2.81 0.00	88.71 2.58 0.00	90.60 2.98 0.00	91.87 3.70 0.00	93.02 4.77 0.00	202.01 10.26 -23.58	197.10 10.58 -15.96	165.48 6.97 -42.39	192.40 7.60 -44.01	109.50 5.31 0.00	91.65 4.11 0.00	90.58 3.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	91.82 0.07 -20.34	90.92 0.00 -19.58	88.27 -0.21 -17.22	86.99 -0.14 -15.86	93.79 0.21 -22.02	96.07 0.50 -23.56	101.79 0.87 -22.25	128.91 1.31 -40.06	117.52 1.41 -28.13	108.74 0.96 -20.16	106.22 0.97 -17.45	103.39 0.79 -14.79	100.93 0.70 -12.52	99.31 0.52 -12.67	101.09 0.61 -12.86	101.61 1.32 -12.12	103.38 1.68 -13.45	193.02 3.36 -21.48	199.27 3.58 -25.12	130.93 2.44 -12.38	165.07 1.97 -22.32	127.79 1.15 -22.46	109.02 0.70 -20.78	104.52 0.35 -17.00
ETNA____115KV_TB2 80207	91.82 0.07 -20.34	90.92 0.00 -19.58	88.27 -0.21 -17.22	86.99 -0.14 -15.86	93.79 0.21 -22.02	96.07 0.50 -23.56	101.79 0.87 -22.25	128.91 1.31 -40.06	117.52 1.41 -28.13	108.74 0.96 -20.16	106.22 0.97 -17.45	103.39 0.79 -14.79	100.93 0.70 -12.52	99.31 0.52 -12.67	101.09 0.61 -12.86	101.61 1.32 -12.12	103.38 1.68 -13.45	193.02 3.36 -21.48	199.27 3.58 -25.12	130.93 2.44 -12.38	165.07 1.97 -22.32	127.79 1.15 -22.46	109.02 0.70 -20.78	104.52 0.35 -17.00
EUCLID____115KV_TB2 356179	71.97 -2.21 -2.78	71.73 -2.28 -2.67	71.19 -2.42 -2.35	71.01 -2.42 -2.16	72.41 -2.15 -3.01	73.44 -1.80 -3.23	79.32 -1.65 -2.30	90.45 -1.84 -4.76	89.54 -1.67 -3.23	88.16 -2.02 -2.55	88.17 -1.84 -2.21	87.75 -1.93 -1.87	87.27 -2.02 -1.58	85.66 -2.07 -1.60	87.14 -2.10 -1.63	89.58 -1.59 -3.00	91.86 -3.53 -5.19	165.03 -3.58 -0.39	166.98 -2.55 0.00	116.14 -2.55 -2.58	136.98 -3.80 0.00	103.77 -2.92 -2.51	87.88 -2.28 -2.62	87.41 -2.27 -2.50
E_CANADA_CAP_HY 24051	121.85 3.50 -46.94	119.97 3.49 -45.13	114.37 3.42 -39.68	111.31 3.49 -36.55	126.25 3.86 -50.84	130.96 4.25 -54.72	184.68 4.96 -101.05	214.10 5.69 -120.89	189.74 5.55 -96.21	135.10 4.29 -43.20	129.04 3.86 -37.37	122.74 3.25 -31.68	117.39 2.89 -26.80	115.98 2.76 -27.10	118.38 3.24 -27.52	143.01 4.06 -50.79	180.02 5.65 -86.11	216.57 12.12 -36.28	203.22 12.44 -20.21	220.86 8.25 -96.50	205.80 9.29 -55.73	153.19 6.57 -42.44	137.24 5.43 -44.27	134.37 4.88 -42.31
E_CANADA_MHWK_HY 24050	72.98 1.57 0.00	72.91 1.57 0.00	72.70 1.42 0.00	72.77 1.50 0.00	73.20 1.65 0.00	73.80 1.80 0.00	82.92 4.25 0.00	92.43 4.90 0.00	92.99 5.01 0.00	92.61 4.99 0.00	92.81 5.00 0.00	92.81 5.00 0.00	92.61 4.91 0.00	90.77 4.65 0.00	92.43 4.82 0.00	93.01 4.85 0.00	94.17 5.91 0.00	181.30 13.13 0.00	185.24 14.67 0.00	126.68 10.57 0.00	153.46 12.68 0.00	113.87 9.69 0.00	96.29 8.75 0.00	95.55 8.37 0.00
E_FISHKILL____LBMP 23776	109.12 4.21 -33.49	107.68 4.14 -32.20	103.71 4.13 -28.31	101.48 4.13 -26.08	111.91 4.08 -36.27	115.36 4.32 -39.04	127.32 4.80 -43.85	160.94 5.60 -67.81	143.81 6.16 -49.67	124.65 6.22 -30.82	120.62 6.15 -26.66	116.56 6.15 -22.60	112.78 5.96 -19.12	111.31 5.86 -19.34	113.38 6.13 -19.63	130.75 6.35 -36.24	156.05 6.35 -61.44	192.61 12.11 -12.33	188.08 12.28 -5.24	168.83 8.24 -44.47	164.80 9.57 -14.44	141.55 7.08 -30.28	124.99 5.87 -31.58	122.60 5.23 -30.19
FALCON____SEABRD_CC1 323796	70.41 -1.00 0.00	70.41 -0.93 0.00	70.70 -0.57 0.00	70.99 -0.28 0.00	71.27 -0.29 0.00	70.48 -1.52 0.00	76.78 -1.89 0.00	85.60 -1.93 0.00	85.34 -2.64 0.00	85.34 -2.28 0.00	85.35 -2.46 0.00	85.26 -2.55 0.00	85.16 -2.55 0.00	83.88 -2.24 0.00	85.51 -2.10 0.00	85.79 -2.38 0.00	86.40 -1.86 0.00	164.81 -3.36 0.00	168.18 -2.39 0.00	114.49 -1.63 0.00	139.51 -1.27 0.00	103.35 -0.84 0.00	86.84 -0.70 0.00	87.96 0.78 0.00

FALCON___SEABRD_CC2 323797	70.41 -1.00 0.00	70.41 -0.93 0.00	70.70 -0.57 0.00	70.99 -0.28 0.00	71.27 -0.29 0.00	70.48 -1.52 0.00	76.78 -1.89 0.00	85.60 -1.93 0.00	85.34 -2.64 0.00	85.34 -2.28 0.00	85.35 -2.46 0.00	85.26 -2.55 0.00	85.16 -2.55 0.00	83.88 -2.24 0.00	85.51 -2.10 0.00	85.79 -2.38 0.00	86.40 -1.86 0.00	164.81 -3.36 0.00	168.18 -2.39 0.00	114.49 -1.63 0.00	139.51 -1.27 0.00	103.35 -0.84 0.00	86.84 -0.70 0.00	87.96 0.78 0.00
FAR ROCKAWAY___4 23548	118.02 6.43 -40.18	115.19 6.21 -37.64	109.28 6.27 -31.74	110.50 6.20 -33.02	115.37 6.15 -37.66	120.36 6.41 -41.95	137.83 7.16 -52.00	162.19 8.23 -66.43	146.42 9.06 -49.38	126.91 9.11 -30.18	122.88 8.96 -26.11	118.55 8.61 -22.14	114.85 8.42 -18.72	113.33 8.27 -18.94	115.61 8.76 -19.23	132.65 8.99 -35.49	157.44 8.83 -60.36	196.91 16.65 -12.09	192.59 16.89 -5.14	171.76 12.08 -43.57	169.80 13.66 -15.36	144.05 10.21 -29.66	130.52 8.67 -34.32	124.68 7.93 -29.57
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	109.15 4.93 -32.81	107.60 4.71 -31.55	103.78 4.78 -27.73	101.53 4.70 -25.55	111.74 4.65 -35.54	115.15 4.90 -38.25	127.16 5.51 -42.99	160.63 6.65 -66.45	144.05 7.39 -48.68	125.34 7.54 -30.19	121.48 7.55 -26.12	117.42 7.46 -22.14	113.62 7.19 -18.73	112.13 7.06 -18.94	114.30 7.45 -19.24	131.34 7.67 -35.50	156.05 7.59 -60.20	195.06 14.80 -12.09	190.37 14.67 -5.14	169.68 9.99 -43.58	166.22 11.26 -14.17	142.29 8.44 -29.67	125.23 6.74 -30.94	122.77 6.02 -29.58
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	109.15 4.93 -32.81	107.60 4.71 -31.55	103.78 4.78 -27.73	101.60 4.78 -25.55	111.74 4.65 -35.54	115.15 4.90 -38.25	127.16 5.51 -42.99	160.63 6.65 -66.45	144.05 7.39 -48.68	125.34 7.54 -30.19	121.48 7.55 -26.12	117.42 7.46 -22.14	113.62 7.19 -18.73	112.13 7.06 -18.94	114.30 7.45 -19.24	131.34 7.67 -35.50	156.05 7.59 -60.20	195.06 14.80 -12.09	190.54 14.84 -5.14	169.68 9.99 -43.58	166.36 11.40 -14.17	142.29 8.44 -29.67	125.23 6.74 -30.94	122.77 6.02 -29.58
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	109.08 4.86 -32.81	107.53 4.64 -31.55	103.71 4.70 -27.73	101.53 4.70 -25.55	111.67 4.58 -35.54	115.15 4.90 -38.25	127.16 5.51 -42.99	160.55 6.56 -66.45	143.96 7.30 -48.68	125.26 7.45 -30.19	121.39 7.46 -26.12	117.42 7.46 -22.14	113.54 7.10 -18.73	112.04 6.98 -18.94	114.30 7.45 -19.24	131.34 7.67 -35.50	156.05 7.59 -60.20	194.89 14.63 -12.09	190.37 14.67 -5.14	169.57 9.87 -43.58	166.22 11.26 -14.17	142.19 8.33 -29.67	125.23 6.74 -30.94	122.77 6.02 -29.58
FARRAGUT___LBMP 323566	109.08 4.86 -32.81	107.53 4.64 -31.55	103.71 4.70 -27.73	101.45 4.63 -25.55	111.67 4.58 -35.54	115.07 4.82 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.45	143.87 7.21 -48.68	125.17 7.36 -30.19	121.31 7.38 -26.12	117.33 7.38 -22.14	113.45 7.02 -18.73	111.96 6.89 -18.94	114.21 7.36 -19.24	131.25 7.58 -35.50	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.45 9.75 -43.58	166.07 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.94	122.68 5.93 -29.58
FENNER___WINDPWR 24204	78.68 0.86 -6.41	78.37 0.86 -6.17	77.41 0.71 -5.42	77.05 0.79 -5.00	79.50 1.00 -6.94	80.81 1.36 -7.45	85.90 1.65 -5.57	103.66 2.88 -13.24	100.34 2.90 -9.45	96.57 2.54 -6.41	95.81 2.46 -5.55	95.06 2.55 -4.70	94.14 2.45 -3.98	92.38 2.24 -4.03	93.98 2.27 -4.09	96.35 2.91 -5.28	97.83 2.38 -7.19	176.95 4.70 -4.08	180.06 4.95 -4.55	123.06 3.37 -3.57	147.60 3.24 -3.57	112.95 2.19 -6.57	95.47 1.58 -6.35	94.09 1.39 -5.52
FIBERTEK___ENERGY 23856	73.39 -1.36 -3.33	73.05 -1.50 -3.20	72.45 -1.64 -2.81	72.30 -1.57 -2.59	73.87 -1.29 -3.61	74.87 -1.01 -3.88	80.64 -0.79 -2.76	92.45 -0.79 -5.71	91.15 -0.70 -3.87	89.63 -1.05 -3.06	89.58 -0.88 -2.65	89.09 -0.97 -2.25	88.55 -1.05 -1.90	86.84 -1.21 -1.92	88.43 -1.14 -1.95	91.15 -0.62 -3.60	93.92 -0.53 -6.19	167.29 -1.35 -0.46	169.20 -1.36 0.00	118.26 -0.93 -3.08	138.81 -1.97 0.00	105.53 -1.67 -3.01	89.37 -1.31 -3.14	88.78 -1.39 -3.00
FITZPATRICK___ 23598	70.23 -3.14 -1.96	70.02 -3.21 -1.88	69.72 -3.21 -1.65	69.52 -3.28 -1.52	70.60 -3.07 -2.12	71.55 -2.74 -2.28	77.46 -2.83 -1.62	87.68 -3.24 -3.39	87.12 -3.16 -2.30	86.02 -3.42 -1.82	86.04 -3.34 -1.57	85.80 -3.34 -1.33	85.50 -3.33 -1.13	83.82 -3.45 -1.14	85.36 -3.42 -1.16	87.21 -3.09 -2.14	88.85 -3.00 -3.59	162.22 -6.22 -0.27	164.26 -6.31 0.00	113.49 -4.41 -1.78	135.00 -5.78 0.00	101.58 -4.37 -1.77	85.88 -3.50 -1.85	85.45 -3.49 -1.76
FLOWRFLD_69_KV_BK1 356044	118.31 6.71 -40.18	115.47 6.49 -37.64	109.43 6.41 -31.74	110.85 6.56 -33.02	115.80 6.58 -37.66	120.72 6.77 -41.95	138.46 7.79 -52.00	162.63 8.67 -66.43	147.12 9.77 -49.38	126.74 8.94 -30.18	122.88 8.96 -26.11	118.46 8.52 -22.14	114.58 8.16 -18.72	113.16 8.10 -18.94	115.52 8.67 -19.23	132.12 8.46 -35.49	157.12 8.83 -60.03	197.08 16.82 -12.09	193.10 17.40 -5.14	171.41 11.73 -43.57	166.80 12.95 -13.06	143.64 9.79 -29.66	130.61 8.75 -34.32	124.77 8.02 -29.57
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	109.42 5.07 -32.94	107.93 4.92 -31.67	104.03 4.92 -27.84	101.84 4.92 -25.65	112.09 4.87 -35.67	115.58 5.18 -38.39	127.78 5.82 -43.28	161.15 6.83 -66.79	144.15 7.21 -48.95	125.20 7.27 -30.31	121.23 7.20 -26.22	117.15 7.11 -22.23	113.43 6.93 -18.80	111.77 6.63 -19.02	114.11 7.18 -19.31	131.29 7.49 -35.64	156.45 7.77 -60.43	195.34 14.97 -12.20	190.78 15.01 -5.20	170.08 10.10 -43.86	166.81 11.68 -14.34	142.61 8.65 -29.78	125.61 7.00 -31.06	123.23 6.36 -29.69
FORT ORANGE___ 23900	113.89 2.71 -39.76	112.22 2.64 -38.23	107.52 2.64 -33.61	104.87 2.64 -30.96	117.41 2.79 -43.06	121.23 2.88 -46.35	150.06 2.36 -69.03	181.64 2.54 -91.57	161.07 2.73 -70.35	127.01 2.80 -36.59	122.36 2.89 -31.66	117.63 2.99 -26.83	113.55 3.15 -22.70	112.09 3.01 -22.96	113.38 2.45 -23.31	133.57 2.38 -43.02	163.23 2.03 -72.94	194.82 3.87 -22.78	186.22 3.93 -11.73	186.10 2.55 -67.43	176.10 2.96 -32.35	142.22 2.08 -35.95	127.31 2.27 -37.50	125.81 2.79 -35.84
FORT_DRUM_COGEN 23780	73.97 0.93 -1.63	73.98 1.07 -1.57	73.36 0.71 -1.38	73.47 0.93 -1.27	74.40 1.07 -1.77	75.27 1.37 -1.90	81.68 1.65 -1.35	93.22 2.89 -2.80	92.43 2.55 -1.90	91.13 2.02 -1.50	90.86 1.76 -1.30	90.84 1.93 -1.10	90.48 1.84 -0.93	88.70 1.64 -0.94	90.24 1.66 -0.96	92.49 2.56 -1.77	94.79 3.44 -3.09	175.97 7.57 -0.23	178.75 8.19 0.00	123.34 5.69 -1.54	146.27 5.49 0.00	108.78 3.13 -1.48	90.92 1.84 -1.54	90.74 2.09 -1.47
FOX_HILLS___ESR 323835	71.72 4.78 4.48	46.42 4.49 29.42	46.41 4.49 29.35	46.33 4.42 29.36	46.41 4.36 29.51	63.32 4.61 13.29	132.96 5.11 -49.18	185.05 6.21 -91.30	185.97 7.13 -90.86	160.17 7.27 -65.28	151.37 7.46 -56.10	148.34 7.46 -53.07	76.63 7.10 18.18	76.62 6.89 16.39	148.69 7.45 -53.63	172.67 7.76 -76.75	189.00 7.59 -93.15	273.03 14.80 -90.06	270.62 14.67 -85.38	221.37 9.87 -95.39	192.98 11.26 -40.93	171.64 8.44 -59.02	151.86 6.65 -57.67	137.06 5.84 -44.05
FPL FAR_ROCK_GT1 24212	118.03 6.43 -40.18	115.26 6.28 -37.64	109.29 6.27 -31.74	110.49 6.20 -33.02	115.37 6.15 -37.66	120.36 6.41 -41.95	137.83 7.16 -52.00	162.11 8.14 -66.44	146.43 9.06 -49.38	126.92 9.11 -30.19	122.89 8.96 -26.12	118.56 8.61 -22.14	114.85 8.42 -18.73	113.33 8.27 -18.94	115.79 8.94 -19.23	133.10 9.44 -35.50	157.52 8.91 -60.35	196.75 16.49 -12.08	192.24 16.54 -5.14	171.07 11.39 -43.57	168.96 12.81 -15.36	144.06 10.22 -29.66	130.53 8.67 -34.32	124.85 8.11 -29.57

FPL FAR_ROCK_GT2 23815	118.03 6.43 -40.18	115.26 6.28 -37.64	109.29 6.27 -31.74	110.49 6.20 -33.02	115.37 6.15 -37.66	120.36 6.41 -41.95	137.83 7.16 -52.00	162.11 8.14 -66.44	146.43 9.06 -49.38	126.92 9.11 -30.19	122.89 8.96 -26.12	118.56 8.61 -22.14	114.85 8.42 -18.73	113.33 8.27 -18.94	115.79 8.94 -19.23	133.10 9.44 -35.50	157.52 8.91 -60.35	196.75 16.49 -12.08	192.24 16.54 -5.14	171.07 11.39 -43.57	168.96 12.81 -15.36	144.06 10.22 -29.66	130.53 8.67 -34.32	124.85 8.11 -29.57
FRANKLIN_FALL_HYD 24054	71.20 -0.21 0.00	71.27 -0.07 0.00	71.41 0.14 0.00	71.63 0.36 0.00	71.77 0.21 0.00	71.42 -0.58 0.00	77.96 -0.71 0.00	86.92 -0.61 0.00	86.40 -1.58 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.58 -1.23 0.00	86.56 -1.14 0.00	85.26 -0.86 0.00	86.92 -0.70 0.00	87.02 -1.15 0.00	87.46 -0.79 0.00	166.32 -1.85 0.00	169.71 -0.85 0.00	115.53 -0.58 0.00	140.64 -0.14 0.00	104.39 0.21 0.00	87.80 0.26 0.00	88.22 1.05 0.00
FREEPORT_EQUS_GT1 23764	117.66 6.07 -40.18	114.90 5.92 -37.64	108.86 5.85 -31.74	110.14 5.85 -33.02	115.01 5.79 -37.66	120.07 6.12 -41.95	137.44 6.77 -52.00	161.15 7.18 -66.44	145.55 8.18 -49.38	126.30 8.50 -30.19	122.27 8.35 -26.12	117.94 7.99 -22.14	114.23 7.80 -18.73	112.72 7.66 -18.94	115.26 8.41 -19.23	132.47 8.82 -35.50	156.38 7.95 -60.17	195.56 15.30 -12.08	191.06 15.36 -5.14	170.36 10.68 -43.57	165.90 11.83 -13.29	143.22 9.38 -29.66	130.00 8.14 -34.32	124.33 7.58 -29.57
FREEPORT___CT2 23818	117.66 6.07 -40.18	114.90 5.92 -37.64	108.86 5.85 -31.74	110.14 5.85 -33.02	115.01 5.79 -37.66	120.07 6.12 -41.95	137.44 6.77 -52.00	161.15 7.18 -66.44	145.55 8.18 -49.38	126.30 8.50 -30.19	122.27 8.35 -26.12	117.94 7.99 -22.14	114.23 7.80 -18.73	112.72 7.66 -18.94	115.26 8.41 -19.23	132.47 8.82 -35.50	156.38 7.95 -60.17	195.56 15.30 -12.08	191.06 15.36 -5.14	170.36 10.68 -43.57	165.90 11.83 -13.29	143.22 9.38 -29.66	130.00 8.14 -34.32	124.33 7.58 -29.57
FRESHKLS_33_KV_LOAD 356253	71.50 4.57 4.48	46.13 4.21 29.42	46.19 4.28 29.35	46.12 4.21 29.36	46.19 4.15 29.51	63.10 4.39 13.29	132.65 4.80 -49.18	184.79 5.95 -91.30	185.62 6.77 -90.86	159.91 7.01 -65.28	77.38 7.11 17.54	76.37 7.11 18.55	76.28 6.75 18.18	76.37 6.63 16.39	148.34 7.10 -53.63	172.41 7.49 -76.75	188.82 7.41 -93.15	272.53 14.29 -90.06	270.28 14.33 -85.38	221.14 9.64 -95.39	192.56 10.84 -40.93	171.43 8.23 -59.02	151.60 6.39 -57.67	136.80 5.58 -44.05
FULTON COGEN____ 23766	71.94 -2.07 -2.60	71.63 -2.21 -2.50	71.12 -2.35 -2.20	70.94 -2.35 -2.02	72.30 -2.08 -2.82	73.30 -1.73 -3.03	79.17 -1.65 -2.15	90.06 -1.93 -4.46	89.25 -1.76 -3.02	87.91 -2.10 -2.39	87.95 -1.93 -2.07	87.54 -2.02 -1.75	87.17 -2.02 -1.48	85.47 -2.15 -1.50	86.95 -2.19 -1.52	89.30 -1.68 -2.81	91.60 -1.50 -4.84	165.17 -3.36 -0.36	167.15 -3.41 0.00	116.20 -2.32 -2.41	137.26 -3.52 0.00	103.62 -2.92 -2.35	87.72 -2.28 -2.45	87.17 -2.35 -2.34
FULTON___LFGE 323630	120.66 4.50 -44.74	118.86 4.50 -43.02	113.58 4.49 -37.82	110.60 4.49 -34.84	124.88 4.87 -48.46	129.41 5.25 -52.16	189.38 6.06 -104.65	214.92 6.74 -120.65	191.96 6.68 -97.29	134.31 5.52 -41.17	128.61 5.18 -35.62	122.74 4.74 -30.20	117.63 4.38 -25.54	116.09 4.13 -25.83	118.49 4.64 -26.23	142.05 5.47 -48.42	177.31 6.97 -82.08	221.22 14.46 -38.59	207.37 14.83 -21.97	225.15 9.86 -99.17	212.77 11.40 -60.59	152.77 8.13 -40.46	136.39 6.65 -42.20	133.61 6.10 -40.33
G.F.CEMENT___DRP 24184	118.80 6.00 -41.39	116.99 5.85 -39.79	112.10 5.84 -34.98	109.27 5.77 -32.23	122.53 6.15 -44.82	126.65 6.41 -48.24	188.90 7.24 -102.99	211.28 8.14 -115.61	190.46 8.36 -94.12	133.32 7.62 -38.08	128.48 7.73 -32.95	123.38 7.64 -27.93	118.87 7.54 -23.62	117.25 7.23 -23.89	119.24 7.36 -24.26	140.88 7.93 -44.78	172.74 8.56 -75.93	223.65 16.82 -38.66	209.78 16.89 -22.33	224.57 11.38 -97.08	215.74 13.37 -61.59	151.40 9.79 -37.42	134.63 8.05 -39.03	132.15 7.67 -37.31
GARDENVILLE___LBMP 24039	65.37 -7.86 -1.82	65.16 -7.92 -1.74	64.82 -7.98 -1.53	64.62 -8.05 -1.41	65.87 -7.66 -1.97	67.46 -6.70 -2.16	75.33 -7.32 -3.97	83.40 -8.49 -4.36	83.55 -8.01 -3.57	80.41 -8.59 -1.38	80.92 -8.08 -1.19	80.91 -7.90 -1.01	80.48 -8.07 -0.85	78.63 -8.35 -0.86	79.99 -8.50 -0.87	85.08 -7.76 -4.68	90.45 -7.68 -9.88	149.34 -15.98 2.86	148.27 -16.89 5.41	103.34 -11.61 1.16	122.80 -15.49 2.50	93.07 -11.77 -0.66	80.00 -8.93 -1.39	80.55 -8.72 -2.09
GARDNVLA_35_KV_LD 355827	65.63 -7.64 -1.86	65.49 -7.63 -1.78	65.07 -7.77 -1.57	64.87 -7.84 -1.44	66.06 -7.51 -2.02	67.66 -6.55 -2.21	75.74 -7.00 -4.07	83.91 -8.14 -4.52	84.10 -7.57 -3.68	80.92 -8.15 -1.46	81.34 -7.73 -1.26	81.41 -7.46 -1.07	80.88 -7.72 -0.90	79.02 -8.01 -0.91	80.39 -8.15 -0.92	85.49 -7.41 -4.74	90.88 -7.33 -9.95	151.08 -15.14 1.96	150.39 -16.03 4.14	105.55 -11.03 -0.47	124.66 -14.64 1.48	93.90 -11.15 -0.87	80.44 -8.58 -1.48	80.97 -8.37 -2.16
GELCKHM___115KV_LOAD 80723	72.53 -1.86 -2.98	72.21 -2.00 -2.86	71.72 -2.07 -2.52	71.52 -2.07 -2.32	72.99 -1.79 -3.22	74.03 -1.44 -3.47	79.80 -1.34 -2.47	91.15 -1.49 -5.10	90.12 -1.32 -3.46	88.69 -1.66 -2.74	88.69 -1.49 -2.37	88.32 -1.49 -2.01	87.82 -1.58 -1.70	86.12 -1.72 -1.72	87.61 -1.75 -1.75	90.15 -1.23 -3.22	92.66 -1.15 -5.55	165.90 -2.69 -0.41	167.84 -2.73 0.00	116.90 -1.97 -2.76	137.69 -3.10 0.00	104.37 -2.50 -2.69	88.42 -1.93 -2.81	87.94 -1.92 -2.68
GENERAL___MILLS 23808	65.55 -7.71 -1.85	65.48 -7.63 -1.77	65.06 -7.77 -1.56	64.86 -7.84 -1.43	66.05 -7.51 -2.00	67.57 -6.62 -2.19	75.56 -7.16 -4.04	83.78 -8.23 -4.47	83.89 -7.74 -3.65	80.73 -8.32 -1.43	81.23 -7.81 -1.24	81.22 -7.64 -1.05	80.78 -7.81 -0.88	78.84 -8.18 -0.90	80.20 -8.32 -0.91	85.30 -7.58 -4.72	90.68 -7.50 -9.93	149.90 -15.47 2.80	148.84 -16.37 5.36	104.62 -11.26 0.23	123.42 -14.92 2.44	93.55 -11.36 -0.72	80.24 -8.75 -1.45	80.77 -8.54 -2.14
GE_PLASTICS___DRP 24183	113.61 2.43 -39.77	112.00 2.43 -38.24	107.31 2.42 -33.61	104.66 2.42 -30.96	117.06 2.43 -43.07	120.95 2.59 -46.35	146.19 2.60 -64.92	179.23 2.80 -88.89	158.66 3.08 -67.60	127.36 3.15 -36.59	122.71 3.25 -31.66	117.98 3.34 -26.84	113.73 3.33 -22.70	112.35 3.27 -22.96	113.91 2.98 -23.31	134.10 2.91 -43.03	163.94 2.74 -72.95	194.03 5.05 -20.81	186.08 5.12 -10.40	183.49 3.48 -63.89	173.54 4.08 -28.67	143.16 3.02 -35.96	127.84 2.80 -37.50	125.98 2.96 -35.84
GILBOA___1 23756	105.39 2.35 -31.62	104.31 2.56 -30.41	100.49 2.49 -26.73	98.39 2.49 -24.62	108.37 2.57 -34.25	111.31 2.45 -36.86	121.08 2.75 -39.66	153.40 2.98 -62.90	137.14 3.43 -45.73	120.13 3.41 -29.10	116.41 3.42 -25.18	112.57 3.42 -21.34	109.09 3.33 -18.05	107.65 3.27 -18.26	109.49 3.33 -18.54	125.91 3.53 -34.22	149.62 3.35 -58.01	185.20 6.23 -10.80	181.26 6.31 -4.38	161.00 4.41 -40.47	157.92 5.06 -12.07	136.73 3.96 -28.59	120.60 3.24 -29.82	118.65 2.97 -28.50
GILBOA___2 23757	105.39 2.35 -31.62	104.31 2.56 -30.41	100.49 2.49 -26.73	98.39 2.49 -24.62	108.37 2.57 -34.25	111.31 2.45 -36.86	121.08 2.75 -39.66	153.40 2.98 -62.90	137.14 3.43 -45.73	120.13 3.41 -29.10	116.41 3.42 -25.18	112.57 3.42 -21.34	109.09 3.33 -18.05	107.65 3.27 -18.26	109.49 3.33 -18.54	125.91 3.53 -34.22	149.62 3.35 -58.01	185.20 6.23 -10.80	181.26 6.31 -4.38	161.00 4.41 -40.47	157.92 5.06 -12.07	136.73 3.96 -28.59	120.60 3.24 -29.82	118.65 2.97 -28.50

GILBOA___3 23758	105.39 2.35 -31.62	104.31 2.56 -30.41	100.49 2.49 -26.73	98.39 2.49 -24.62	108.37 2.57 -34.25	111.31 2.45 -36.86	121.08 2.75 -39.66	153.40 2.98 -62.90	137.14 3.43 -45.73	120.13 3.41 -29.10	116.41 3.42 -25.18	112.57 3.42 -21.34	109.09 3.33 -18.05	107.65 3.27 -18.26	109.49 3.33 -18.54	125.91 3.53 -34.22	149.62 3.35 -58.01	185.20 6.23 -10.80	181.26 6.31 -4.38	161.00 4.41 -40.47	157.92 5.06 -12.07	136.73 3.96 -28.59	120.60 3.24 -29.82	118.65 2.97 -28.50
GILBOA___4 23759	105.39 2.35 -31.62	104.31 2.56 -30.41	100.49 2.49 -26.73	98.39 2.49 -24.62	108.37 2.57 -34.25	111.31 2.45 -36.86	121.08 2.75 -39.66	153.40 2.98 -62.90	137.14 3.43 -45.73	120.13 3.41 -29.10	116.41 3.42 -25.18	112.57 3.42 -21.34	109.09 3.33 -18.05	107.65 3.27 -18.26	109.49 3.33 -18.54	125.91 3.53 -34.22	149.62 3.35 -58.01	185.20 6.23 -10.80	181.26 6.31 -4.38	161.00 4.41 -40.47	157.92 5.06 -12.07	136.73 3.96 -28.59	120.60 3.24 -29.82	118.65 2.97 -28.50
GILBOA___ 23599	105.39 2.36 -31.62	104.24 2.50 -30.41	100.49 2.49 -26.73	98.39 2.49 -24.62	108.38 2.58 -34.25	111.31 2.45 -36.86	121.08 2.75 -39.66	153.39 2.98 -62.89	137.14 3.43 -45.72	120.13 3.42 -29.10	116.41 3.42 -25.17	112.57 3.42 -21.34	109.09 3.33 -18.05	107.65 3.27 -18.26	109.48 3.33 -18.54	125.90 3.53 -34.21	149.80 3.53 -58.02	185.37 6.39 -10.80	181.25 6.31 -4.38	161.01 4.41 -40.48	157.92 5.07 -12.07	136.73 3.96 -28.59	120.60 3.24 -29.82	118.64 2.96 -28.50
GINNA___ 23603	66.20 -7.29 -2.08	65.70 -7.63 -1.99	65.40 -7.62 -1.75	65.12 -7.77 -1.61	66.86 -6.94 -2.25	68.68 -5.76 -2.44	74.54 -5.67 -1.53	83.88 -6.92 -3.26	83.50 -6.69 -2.21	81.56 -7.80 -1.75	82.12 -7.20 -1.51	81.98 -7.11 -1.28	81.59 -7.19 -1.08	79.72 -7.49 -1.09	81.10 -7.62 -1.11	85.53 -6.26 -3.63	89.15 -6.18 -7.07	152.21 -13.96 2.00	152.47 -14.84 3.25	109.18 -10.45 -3.52	123.87 -14.36 2.55	94.46 -11.05 -1.32	81.40 -7.88 -1.74	82.00 -7.23 -2.05
GLEN PARK___ 23778	74.46 1.35 -1.69	74.47 1.50 -1.62	73.77 1.07 -1.43	73.87 1.28 -1.32	74.89 1.51 -1.83	75.84 1.87 -1.97	82.27 2.20 -1.40	94.11 3.59 -2.98	93.17 3.16 -2.03	91.76 2.54 -1.60	91.39 2.20 -1.39	91.44 2.46 -1.18	90.97 2.28 -0.99	89.19 2.06 -1.01	90.83 2.19 -1.02	93.22 3.17 -1.88	95.51 4.15 -3.10	177.48 9.08 -0.23	180.28 9.72 0.00	124.39 6.73 -1.54	147.26 6.48 0.00	109.57 3.86 -1.53	91.58 2.45 -1.59	91.31 2.61 -1.52
GLENDALE_27_KV_LOAD 356172	109.51 5.28 -32.82	107.89 4.99 -31.55	104.07 5.06 -27.74	101.81 4.99 -25.55	112.03 4.94 -35.54	115.51 5.26 -38.25	127.40 5.74 -42.99	160.99 7.00 -66.46	144.49 7.83 -48.68	125.79 7.97 -30.20	122.10 8.17 -26.12	118.12 8.17 -22.15	114.24 7.81 -18.73	112.65 8.06 -18.95	114.92 8.29 -19.24	131.96 8.29 -35.51	156.58 8.12 -60.20	195.73 15.47 -12.09	191.23 15.52 -5.14	170.15 10.45 -43.59	166.78 11.83 -14.17	142.81 8.96 -29.67	125.75 7.27 -30.95	123.21 6.45 -29.58
GLENWOOD_IC_1_G5 23712	117.52 5.93 -40.18	114.76 5.78 -37.64	108.79 5.77 -31.74	110.07 5.77 -33.02	114.94 5.72 -37.66	119.93 5.98 -41.95	137.12 6.45 -52.00	161.31 7.35 -66.43	145.63 8.27 -49.38	126.04 8.24 -30.18	122.09 8.17 -26.11	117.85 7.90 -22.14	114.06 7.63 -18.72	112.55 7.49 -18.94	114.82 7.97 -19.23	131.85 8.20 -35.49	156.47 8.03 -60.18	195.90 15.64 -12.09	191.74 16.03 -5.14	170.48 10.80 -43.57	166.93 12.25 -13.90	142.91 9.06 -29.66	129.65 7.79 -34.32	123.81 7.06 -29.57
GLENWOOD_IC_2_G1 23688	117.38 5.78 -40.18	114.61 5.63 -37.64	108.64 5.63 -31.74	109.86 5.56 -33.02	114.72 5.51 -37.66	119.78 5.83 -41.95	137.12 6.45 -52.00	161.23 7.26 -66.44	145.63 8.27 -49.38	126.04 8.23 -30.19	122.00 8.07 -26.12	117.85 7.91 -22.14	114.06 7.63 -18.73	112.55 7.49 -18.94	115.00 8.15 -19.23	132.21 8.55 -35.50	156.55 8.11 -60.17	195.72 15.46 -12.08	191.22 15.52 -5.14	170.36 10.68 -43.57	166.83 11.96 -14.09	142.90 9.06 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
GLENWOOD_IC_3_G1 23689	117.38 5.78 -40.18	114.61 5.63 -37.64	108.64 5.63 -31.74	109.86 5.56 -33.02	114.72 5.51 -37.66	119.78 5.83 -41.95	137.12 6.45 -52.00	161.23 7.26 -66.44	145.63 8.27 -49.38	126.04 8.23 -30.19	122.00 8.07 -26.12	117.85 7.91 -22.14	114.06 7.63 -18.73	112.55 7.49 -18.94	115.00 8.15 -19.23	132.21 8.55 -35.50	156.55 8.11 -60.17	195.72 15.46 -12.08	191.22 15.52 -5.14	170.36 10.68 -43.57	166.83 11.96 -14.09	142.90 9.06 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
GLENWOOD___4 23550	117.52 5.93 -40.18	114.76 5.78 -37.64	108.79 5.77 -31.74	110.07 5.77 -33.02	114.94 5.72 -37.66	119.93 5.98 -41.95	137.20 6.53 -52.00	161.40 7.44 -66.43	145.72 8.36 -49.38	126.12 8.32 -30.18	122.18 8.25 -26.11	117.94 7.99 -22.14	114.23 7.81 -18.72	112.73 7.66 -18.94	114.91 8.06 -19.23	131.94 8.29 -35.49	156.65 8.21 -60.18	196.07 15.81 -12.09	191.91 16.20 -5.14	170.60 10.91 -43.57	167.07 12.39 -13.90	143.01 9.17 -29.66	129.74 7.88 -34.32	123.89 7.15 -29.57
GLENWOOD___5 23614	117.52 5.93 -40.18	114.76 5.78 -37.64	108.79 5.77 -31.74	110.07 5.77 -33.02	114.94 5.72 -37.66	119.93 5.98 -41.95	137.20 6.53 -52.00	161.40 7.44 -66.43	145.72 8.36 -49.38	126.12 8.32 -30.18	122.18 8.25 -26.11	117.94 7.99 -22.14	114.23 7.81 -18.72	112.73 7.66 -18.94	114.91 8.06 -19.23	131.94 8.29 -35.49	156.65 8.21 -60.18	196.07 15.81 -12.09	191.91 16.20 -5.14	170.60 10.91 -43.57	167.07 12.39 -13.90	143.01 9.17 -29.66	129.74 7.88 -34.32	123.89 7.15 -29.57
GLOBAL GREEN_PORT_GT1 23814	119.88 8.28 -40.18	117.04 8.06 -37.64	110.99 7.98 -31.74	112.63 8.33 -33.02	117.73 8.51 -37.66	122.95 9.00 -41.95	140.97 10.30 -52.00	165.34 11.37 -66.44	149.85 12.49 -49.38	128.31 10.51 -30.19	124.63 10.71 -26.12	119.95 10.01 -22.14	115.90 9.47 -18.73	114.37 9.30 -18.94	117.18 10.33 -19.23	134.77 11.11 -35.50	159.05 10.76 -60.03	201.79 21.53 -12.08	197.54 21.84 -5.14	174.67 14.98 -43.57	170.31 16.46 -13.07	145.72 11.87 -29.66	132.36 10.50 -34.32	126.68 9.93 -29.57
GLOBE___DSASP 323697	63.21 -10.14 -1.94	62.64 -10.56 -1.86	62.36 -10.55 -1.63	62.01 -10.76 -1.50	63.78 -9.87 -2.10	66.23 -8.06 -2.29	73.82 -8.73 -3.88	80.72 -11.29 -4.48	81.03 -10.56 -3.60	77.22 -11.92 -1.52	78.15 -10.98 -1.31	78.30 -10.62 -1.11	77.77 -10.88 -0.94	75.70 -11.37 -0.95	77.19 -11.39 -0.96	82.53 -10.05 -4.42	87.10 -10.33 -9.17	142.30 -23.54 2.33	140.88 -25.07 4.61	100.32 -16.95 -1.16	115.97 -22.81 2.00	88.20 -16.88 -0.89	77.61 -11.47 -1.53	79.10 -10.20 -2.12
GOETHSLN___LBMP 323567	63.02 4.36 12.75	46.05 4.14 29.43	46.18 4.28 29.37	46.11 4.21 29.37	46.11 4.08 29.52	63.02 4.32 13.30	57.36 4.88 26.19	66.00 5.86 27.39	54.15 6.60 40.43	47.76 6.75 46.61	47.04 6.76 47.53	45.08 6.76 49.49	43.44 6.40 50.66	41.72 6.29 50.69	41.62 6.75 52.75	43.43 6.96 51.70	43.99 6.88 51.15	31.17 13.29 150.29	28.91 13.30 154.96	26.18 8.94 98.87	50.32 10.14 100.60	47.50 7.50 64.19	49.29 6.04 44.29	68.19 5.32 24.31
GOLAH___69_KV_TB 1_2 80279	68.08 -5.36 -2.03	67.51 -5.78 -1.95	67.35 -5.63 -1.71	66.93 -5.92 -1.58	68.74 -5.01 -2.20	71.00 -3.38 -2.38	76.68 -3.46 -1.47	85.64 -4.99 -3.10	85.68 -4.40 -2.10	83.58 -5.70 -1.66	84.24 -5.01 -1.43	84.02 -5.01 -1.21	83.47 -5.26 -1.03	81.39 -5.77 -1.04	82.80 -5.87 -1.05	87.48 -4.41 -3.73	91.40 -4.32 -7.47	156.51 -10.93 0.73	157.56 -11.60 1.41	111.45 -8.13 -3.46	127.71 -11.97 1.11	96.56 -9.06 -1.44	83.61 -5.60 -1.68	84.51 -4.71 -2.04

GOODYEAR_LAKE_HYD 323669	83.91 2.36 -10.14	83.59 2.50 -9.75	82.20 2.35 -8.57	81.59 2.42 -7.90	85.19 2.65 -10.99	86.70 2.88 -11.82	114.73 3.30 -32.75	124.75 4.03 -33.20	120.37 4.31 -28.07	100.89 3.94 -9.34	99.66 3.78 -8.08	98.34 3.69 -6.85	97.00 3.51 -5.79	95.25 3.27 -5.86	97.07 3.50 -5.95	103.19 4.06 -10.98	111.39 4.50 -18.63	190.51 9.25 -13.08	187.86 9.38 -7.92	152.79 6.39 -30.29	169.37 6.76 -21.83	118.25 4.90 -9.17	100.87 3.76 -9.57	99.55 3.23 -9.14
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	78.99 -1.14 -8.72	78.65 -1.07 -8.38	77.42 -1.21 -7.36	76.92 -1.14 -6.78	80.00 -1.00 -9.44	81.32 -0.86 -10.18	90.65 -0.87 -12.84	105.15 -0.70 -18.32	101.21 -0.53 -13.75	94.72 -0.70 -7.80	93.85 -0.70 -6.75	92.74 -0.79 -5.72	91.66 -0.88 -4.84	89.98 -1.03 -4.89	91.62 -0.96 -4.97	98.22 -0.71 -10.76	107.09 -0.44 -19.27	169.36 -0.50 -1.69	168.67 -0.51 1.38	130.40 -0.35 -14.63	142.31 -1.13 -2.66	110.53 -0.94 -7.29	94.46 -1.05 -7.97	93.79 -1.39 -8.01
GOUDEY___7 23579	78.99 -1.14 -8.72	78.65 -1.07 -8.38	77.42 -1.21 -7.36	76.92 -1.14 -6.78	80.00 -1.00 -9.44	81.32 -0.86 -10.18	90.65 -0.87 -12.84	105.15 -0.70 -18.32	101.21 -0.53 -13.75	94.72 -0.70 -7.80	93.85 -0.70 -6.75	92.74 -0.79 -5.72	91.66 -0.88 -4.84	89.98 -1.03 -4.89	91.62 -0.96 -4.97	98.22 -0.71 -10.76	107.09 -0.44 -19.27	169.36 -0.50 -1.69	168.67 -0.51 1.38	130.40 -0.35 -14.63	142.31 -1.13 -2.66	110.53 -0.94 -7.29	94.46 -1.05 -7.97	93.79 -1.39 -8.01
GOUDEY___8 23580	78.99 -1.14 -8.72	78.65 -1.07 -8.38	77.42 -1.21 -7.36	76.92 -1.14 -6.78	80.00 -1.00 -9.44	81.32 -0.86 -10.18	90.65 -0.87 -12.84	105.15 -0.70 -18.32	101.21 -0.53 -13.75	94.72 -0.70 -7.80	93.85 -0.70 -6.75	92.74 -0.79 -5.72	91.66 -0.88 -4.84	89.98 -1.03 -4.89	91.62 -0.96 -4.97	98.22 -0.71 -10.76	107.09 -0.44 -19.27	169.36 -0.50 -1.69	168.67 -0.51 1.38	130.40 -0.35 -14.63	142.31 -1.13 -2.66	110.53 -0.94 -7.29	94.46 -1.05 -7.97	93.79 -1.39 -8.01
GOWANUS_GT1_1 24077	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT1_2 24078	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT1_3 24079	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT1_4 24080	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT1_5 24084	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT1_6 24111	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT1_7 24112	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT1_8 24113	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT2_1 24114	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT2_2 24115	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT2_3 24116	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05

GOWANUS_GT2_4 24117	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT2_5 24118	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT2_6 24119	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT2_7 24120	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT2_8 24121	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT3_1 24122	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
GOWANUS_GT3_2 24123	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7											

GOWANUS_GT4_3 24132	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT4_4 24133	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT4_5 24134	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT4_6 24135	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT4_7 24136	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GOWANUS_GT4_8 24137	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GREENBSH_115KV_TB3 55895	113.77 2.43 -39.92	112.08 2.35 -38.39	107.37 2.35 -33.75	104.71 2.35 -31.09	117.23 2.43 -43.24	121.13 2.59 -46.54	151.15 2.44 -70.04	182.57 2.63 -92.42	162.02 2.90 -71.13	127.42 3.07 -36.74	122.75 3.16 -31.78	118.00 3.25 -26.94	113.91 3.42 -22.79	112.53 3.36 -23.05	113.74 2.72 -23.41	133.83 2.47 -43.20	163.62 2.12 -73.24	195.27 3.87 -23.23	186.51 3.92 -12.02	187.13 2.67 -68.34	176.88 2.96 -33.14	142.47 2.19 -36.10	127.56 2.36 -37.65	126.04 2.88 -35.99
GREENDGE_115KV_TB5 80291	65.00 -2.86 3.56	64.83 -3.07 3.44	64.97 -3.28 3.03	65.27 -3.21 2.79	64.99 -2.72 3.85	65.88 -2.09 4.04	76.09 -1.73 0.85	79.35 -1.93 6.26	82.64 -1.85 3.50	80.42 -2.63 4.57	81.39 -2.46 3.96	81.73 -2.72 3.36	82.05 -2.81 2.85	80.31 -2.93 2.88	81.89 -2.80 2.93	90.07 -1.76 -3.67	98.55 -1.59 -11.89	150.62 -5.55 12.01	147.40 -5.63 17.54	132.13 -3.25 -19.27	124.23 -4.93 11.62	94.34 -3.23 6.61	80.00 -2.71 4.82	81.93 -2.88 2.37
GREENIDGE___3 23582	65.00 -2.86 3.56	64.83 -3.07 3.44	64.97 -3.28 3.03	65.27 -3.21 2.79	64.99 -2.72 3.85	65.88 -2.09 4.04	76.09 -1.73 0.85	79.35 -1.93 6.26	82.64 -1.85 3.50	80.42 -2.63 4.57	81.39 -2.46 3.96	81.73 -2.72 3.36	82.05 -2.81 2.85	80.31 -2.93 2.88	81.89 -2.80 2.93	90.07 -1.76 -3.67	98.55 -1.59 -11.89	150.62 -5.55 12.01	147.40 -5.63 17.54	132.13 -3.25 -19.27	124.23 -4.93 11.62	94.34 -3.23 6.61	80.00 -2.71 4.82	81.93 -2.88 2.37
GREENIDGE___4 23583	65.00 -2.86 3.56	64.84 -3.07 3.44	64.97 -3.28 3.03	65.28 -3.21 2.79	64.99 -2.72 3.85	65.87 -2.09 4.04	76.09 -1.73 0.85	79.41 -1.93 6.20	82.68 -1.85 3.45	80.44 -2.63 4.55	81.41 -2.46 3.94	81.75 -2.72 3.34	82.06 -2.81 2.83	80.33 -2.93 2.87	81.90 -2.81 2.91	90.10 -1.76 -3.70	98.41 -1.68 -11.83	150.77 -5.39 12.01	147.40 -5.62 17.54	132.34 -3.02 -19.24	124.23 -4.93 11.62	93.92 -3.65 6.61	80.00 -2.71 4.82	81.93 -2.87 2.37
GREENLWN_69_KV_BK 3 55738	117.38 5.78 -40.18	114.61 5.64 -37.64	108.64 5.63 -31.74	109.93 5.63 -33.02	114.80 5.58 -37.66	119.86 5.90 -41.95	137.36 6.69 -52.00	161.40 7.44 -66.43	145.80 8.45 -49.38	126.12 8.32 -30.18	122.09 8.17 -26.11	117.85 7.90 -22.14	114.14 7.72 -18.72	112.64 7.58 -18.94	114.91 8.06 -19.23	131.85 8.20 -35.49	156.41 8.12 -60.03	195.90 15.64 -12.09	191.74 16.03 -5.14	170.60 10.91 -43.57	166.08 12.25 -13.05	142.91 9.06 -29.66	129.82 7.97 -34.32	123.98 7.24 -29.57
GREENWD_138_KV_38B11_REV_LBMP_J 345004	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05
GRISSOM___SOLAR 323813	120.26 4.50 -44.34	118.40 4.42 -42.63	113.17 4.42 -37.48	110.22 4.42 -34.53	124.37 4.79 -48.02	128.80 5.11 -51.69	189.89 5.90 -105.31	214.70 6.57 -120.60	191.98 6.51 -97.49	133.94 5.52 -40.80	128.38 5.27 -35.30	122.65 4.91 -29.92	117.57 4.56 -25.31	116.11 4.39 -25.60	118.34 4.73 -26.00	141.61 5.47 -47.98	176.39 6.80 -81.34	221.13 13.95 -39.01	207.01 14.15 -22.29	225.30 9.52 -99.66	213.38 11.12 -61.48	152.19 7.91 -40.09	135.83 6.48 -41.82	133.15 6.01 -39.97
GROVEVILLE___HYD 323602	109.42 5.07 -32.94	107.93 4.92 -31.67	104.03 4.92 -27.84	101.84 4.92 -25.65	112.09 4.87 -35.67	115.58 5.18 -38.39	127.78 5.82 -43.28	161.15 6.83 -66.79	144.15 7.21 -48.95	125.20 7.27 -30.31	121.23 7.20 -26.22	117.15 7.11 -22.23	113.43 6.93 -18.80	111.77 6.63 -19.02	114.11 7.18 -19.31	131.29 7.49 -35.64	156.45 7.77 -60.43	195.34 14.97 -12.20	190.78 15.01 -5.20	170.08 10.10 -43.86	166.81 11.68 -14.34	142.61 8.65 -29.78	125.61 7.00 -31.06	123.23 6.36 -29.69
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	73.39 -1.36 -3.33	73.05 -1.50 -3.20	72.45 -1.64 -2.81	72.30 -1.57 -2.59	73.87 -1.29 -3.61	74.87 -1.01 -3.88	80.64 -0.79 -2.76	92.45 -0.79 -5.71	91.15 -0.70 -3.87	89.63 -1.05 -3.06	89.58 -0.88 -2.65	89.09 -0.97 -2.25	88.55 -1.05 -1.90	86.84 -1.21 -1.92	88.43 -1.14 -1.95	91.15 -0.62 -3.60	93.92 -0.53 -6.19	167.29 -1.35 -0.46	169.20 -1.36 0.00	118.26 -0.93 -3.08	138.81 -1.97 0.00	105.53 -1.67 -3.01	89.37 -1.31 -3.14	88.78 -1.39 -3.00

HAMLTNNY_34_KV_TB 80303	73.46 -1.50 -3.55	73.11 -1.64 -3.41	72.56 -1.71 -3.00	72.32 -1.71 -2.76	74.04 -1.36 -3.84	75.13 -1.01 -4.13	80.90 -0.71 -2.94	92.82 -0.79 -6.08	91.49 -0.62 -4.12	89.83 -1.05 -3.26	89.75 -0.88 -2.82	89.24 -0.97 -2.39	88.68 -1.05 -2.02	86.96 -1.21 -2.05	88.47 -1.23 -2.08	91.47 -0.53 -3.84	94.40 -0.44 -6.58	167.32 -1.35 -0.49	169.20 -1.36 0.00	118.34 -1.05 -3.27	138.67 -2.11 0.00	105.62 -1.77 -3.21	89.57 -1.31 -3.34	88.98 -1.39 -3.20
HAMPSHIRE___PAPER_HYD 323593	72.25 0.00 -0.84	72.29 0.14 -0.81	71.98 0.00 -0.71	72.07 0.14 -0.65	72.39 -0.07 -0.91	72.55 -0.43 -0.98	78.66 -0.71 -0.69	88.86 -0.17 -1.50	88.29 -0.71 -1.02	87.81 -0.61 -0.81	87.98 -0.52 -0.70	87.96 -0.44 -0.59	87.77 -0.44 -0.50	86.28 -0.34 -0.51	87.78 -0.35 -0.51	88.58 -0.53 -0.95	89.79 0.00 -1.54	168.62 0.34 -0.11	171.59 1.03 0.00	117.70 0.82 -0.76	141.35 0.57 0.00	105.04 0.10 -0.76	88.16 -0.17 -0.79	88.55 0.61 -0.75
HARDSCRABBLE_WT_PWR 323673	72.05 0.64 0.00	71.98 0.64 0.00	71.84 0.57 0.00	71.91 0.64 0.00	72.27 0.72 0.00	72.87 0.87 0.00	81.42 2.75 0.00	90.77 3.24 0.00	91.32 3.34 0.00	90.95 3.33 0.00	91.23 3.42 0.00	91.23 3.42 0.00	91.03 3.33 0.00	89.22 3.10 0.00	90.86 3.24 0.00	91.51 3.35 0.00	92.58 4.32 0.00	178.26 10.09 0.00	181.99 11.43 0.00	124.59 8.47 0.00	150.93 10.14 0.00	112.00 7.82 0.00	94.63 7.09 0.00	93.89 6.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	106.61 4.36 -30.84	105.21 4.21 -29.65	101.54 4.21 -26.07	99.42 4.13 -24.01	109.11 4.15 -33.40	112.41 4.46 -35.95	124.01 4.96 -40.38	155.75 5.78 -62.44	140.05 6.33 -45.73	122.39 6.40 -28.38	118.68 6.32 -24.55	114.86 6.23 -20.81	111.36 6.05 -17.60	109.78 5.86 -17.81	112.01 6.31 -18.08	128.14 6.61 -33.37	151.55 6.71 -56.58	192.64 13.12 -11.35	188.52 13.13 -4.82	165.88 8.82 -40.94	164.21 10.14 -13.30	139.57 7.50 -27.89	122.67 6.04 -29.08	120.38 5.40 -27.80
HARSNRAD_115KV_TB1 81005	64.19 -9.14 -1.92	63.55 -9.56 -1.77	63.36 -9.48 -1.57	63.04 -9.69 -1.46	64.84 -8.80 -2.08	67.07 -7.20 -2.27	74.15 -8.34 -3.81	81.44 -10.50 -4.42	81.68 -9.85 -3.55	78.38 -10.69 -1.46	79.34 -9.75 -1.28	78.90 -10.01 -1.10	78.46 -10.17 -0.93	76.38 -10.68 -0.94	77.79 -10.78 -0.95	82.99 -9.52 -4.35	87.66 -9.62 -9.02	99.52 -21.53 47.12	78.78 -22.69 69.10	82.91 -15.56 17.65	67.28 -20.84 52.67	82.79 -15.73 5.66	78.68 -10.33 -1.47	79.24 -10.03 -2.09
HARZA MOOSE___RIVER 24016	73.47 1.00 -1.06	73.43 1.07 -1.02	73.02 0.86 -0.89	73.09 1.00 -0.82	73.84 1.14 -1.14	74.60 1.37 -1.23	81.12 1.57 -0.87	91.97 2.63 -1.81	91.67 2.46 -1.23	90.69 2.10 -0.97	90.67 2.02 -0.84	90.63 2.11 -0.71	90.32 2.02 -0.60	88.63 1.89 -0.61	90.16 1.93 -0.62	91.77 2.47 -1.14	93.43 3.09 -2.09	174.72 6.39 -0.16	177.39 6.82 0.00	121.91 4.76 -1.04	145.71 4.93 0.00	107.95 2.81 -0.95	90.29 1.75 -1.00	90.39 2.27 -0.95
HDSNBRDG_115KV_BRDG_TB1 355580	72.49 -1.93 -3.01	72.17 -2.07 -2.89	71.68 -2.14 -2.54	71.48 -2.14 -2.34	72.95 -1.86 -3.26	74.00 -1.51 -3.51	79.83 -1.34 -2.49	91.20 -1.49 -5.16	90.16 -1.32 -3.50	88.81 -1.58 -2.77	88.71 -1.49 -2.40	88.35 -1.49 -2.03	87.84 -1.58 -1.72	86.14 -1.72 -1.74	87.63 -1.75 -1.76	90.18 -1.23 -3.26	92.75 -1.15 -5.64	165.90 -2.69 -0.42	167.67 -2.90 0.00	116.95 -1.97 -2.80	137.69 -3.10 0.00	104.40 -2.50 -2.72	88.45 -1.93 -2.84	87.88 -2.01 -2.71
HELLGATE_13_KV_LD 55870	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.26 7.45 -30.20	121.57 7.64 -26.12	117.59 7.64 -22.15	113.71 7.28 -18.73	112.22 7.15 -18.95	114.48 7.62 -19.24	131.43 7.76 -35.51	155.96 7.50 -60.20	194.56 14.29 -12.09	189.86 14.16 -5.14	169.22 9.52 -43.59	165.79 10.84 -14.17	142.19 8.33 -29.67	125.23 6.74 -30.95	122.68 5.93 -29.58
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	109.23 5.00 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	126.93 5.27 -42.99	160.46 6.48 -66.46	143.96 7.30 -48.68	125.26 7.45 -30.20	121.57 7.64 -26.12	117.59 7.64 -22.15	113.71 7.28 -18.73	112.22 7.15 -18.95	114.48 7.62 -19.24	131.43 7.76 -35.51	155.96 7.50 -60.20	194.56 14.29 -12.09	189.86 14.16 -5.14	169.22 9.52 -43.59	165.79 10.84 -14.17	142.19 8.33 -29.67	125.23 6.74 -30.95	122.68 5.93 -29.58
HEMPSTEAD____ 23647	117.38 5.78 -40.18	114.55 5.57 -37.64	108.58 5.56 -31.74	109.86 5.56 -33.02	114.72 5.51 -37.66	119.78 5.83 -41.95	137.04 6.37 -52.00	161.06 7.09 -66.44	145.45 8.09 -49.38	125.95 8.15 -30.19	121.91 7.99 -26.12	117.68 7.73 -22.14	113.97 7.54 -18.73	112.47 7.41 -18.94	114.91 8.06 -19.23	132.12 8.46 -35.50	156.24 7.85 -60.13	195.40 15.14 -12.08	190.88 15.17 -5.14	170.14 10.45 -43.57	165.89 11.68 -13.43	142.80 8.96 -29.66	129.56 7.71 -34.32	123.89 7.15 -29.57
HEWLETT_69_KV_BK3 55828	117.67 6.07 -40.18	114.90 5.92 -37.64	109.00 5.99 -31.74	110.21 5.92 -33.02	115.08 5.87 -37.66	120.07 6.12 -41.95	137.44 6.77 -52.00	161.66 7.70 -66.43	145.98 8.62 -49.38	126.47 8.67 -30.18	122.35 8.43 -26.11	118.11 8.17 -22.14	114.41 7.98 -18.72	112.90 7.84 -18.94	115.17 8.32 -19.23	132.21 8.55 -35.49	157.00 8.38 -60.36	196.07 15.81 -12.09	191.91 16.20 -5.14	170.95 11.26 -43.57	168.96 12.81 -15.36	143.53 9.69 -29.66	130.09 8.23 -34.32	124.24 7.50 -29.57
HICKLING___1 23621	67.05 -3.36 1.01	67.07 -3.28 0.99	66.91 -3.49 0.87	67.05 -3.42 0.81	67.24 -3.22 1.09	67.97 -2.95 1.08	77.91 -3.15 -2.39	83.37 -3.15 1.01	85.19 -3.08 -0.29	82.10 -3.42 2.10	82.66 -3.34 1.82	82.75 -3.51 1.54	82.79 -3.60 1.31	81.01 -3.79 1.33	82.59 -3.68 1.35	90.85 -3.17 -5.86	100.76 -2.65 -15.15	153.34 -4.71 10.13	150.06 -4.78 15.73	128.17 -3.25 -15.31	126.44 -4.79 9.56	96.43 -3.75 4.00	81.60 -3.68 2.27	83.06 -4.01 0.11
HICKLING___2 23622	67.05 -3.36 1.01	67.07 -3.28 0.99	66.91 -3.49 0.87	67.05 -3.42 0.81	67.24 -3.22 1.09	67.97 -2.95 1.08	77.91 -3.15 -2.39	83.37 -3.15 1.01	85.19 -3.08 -0.29	82.10 -3.42 2.10	82.66 -3.34 1.82	82.75 -3.51 1.54	82.79 -3.60 1.31	81.01 -3.79 1.33	82.59 -3.68 1.35	90.85 -3.17 -5.86	100.76 -2.65 -15.15	153.34 -4.71 10.13	150.06 -4.78 15.73	128.17 -3.25 -15.31	126.44 -4.79 9.56	96.43 -3.75 4.00	81.60 -3.68 2.27	83.06 -4.01 0.11
HIGH FALLS___HY 23754	109.14 4.93 -32.80	107.66 4.78 -31.54	103.77 4.78 -27.72	101.58 4.78 -25.54	111.80 4.72 -35.52	115.34 5.11 -38.23	129.13 5.82 -44.64	161.87 6.83 -67.51	144.97 7.21 -49.78	124.89 7.10 -30.18	120.85 6.94 -26.11	116.79 6.85 -22.13	113.00 6.58 -18.72	111.34 6.29 -18.94	113.94 7.10 -19.23	131.14 7.49 -35.49	156.37 7.94 -60.17	196.53 15.47 -12.89	191.94 15.69 -5.68	171.69 10.57 -45.01	168.55 12.11 -15.66	142.69 8.86 -29.66	125.47 7.00 -30.93	122.84 6.10 -29.56
HIGH_RIVER___SOLAR 323847	117.59 3.29 -42.89	115.86 3.28 -41.24	110.80 3.28 -36.25	107.95 3.28 -33.40	121.44 3.43 -46.45	125.66 3.67 -49.99	190.53 4.17 -107.69	212.61 4.64 -120.45	190.84 4.66 -98.20	130.85 3.76 -39.47	125.47 3.52 -34.14	119.82 3.07 -28.94	115.07 2.89 -24.48	113.72 2.84 -24.76	116.01 3.24 -25.15	138.36 3.79 -46.41	171.87 4.94 -78.67	218.79 10.09 -40.53	204.26 10.23 -23.46	224.40 6.85 -101.43	213.35 7.88 -64.69	148.69 5.73 -38.78	132.71 4.72 -40.45	130.28 4.44 -38.66

HILLBURN___GT 23639	107.03 4.36 -31.26	105.61 4.21 -30.06	101.90 4.20 -26.42	99.75 4.13 -24.34	109.56 4.15 -33.86	112.83 4.39 -36.44	124.56 4.96 -40.93	156.61 5.78 -63.30	140.77 6.42 -46.36	122.87 6.48 -28.77	119.20 6.50 -24.89	115.31 6.41 -21.10	111.78 6.23 -17.85	110.20 6.03 -18.05	112.43 6.48 -18.33	128.78 6.79 -33.83	152.31 6.70 -57.35	192.45 12.77 -11.51	188.25 12.80 -4.89	166.44 8.82 -41.50	164.26 10.00 -13.48	139.95 7.51 -28.27	123.06 6.04 -29.48	120.85 5.50 -28.18
HILLSIDE_115KV_TB1 80332	67.49 -3.78 0.13	67.49 -3.71 0.15	67.29 -3.85 0.13	67.37 -3.78 0.12	67.69 -3.72 0.14	68.27 -3.67 0.06	78.03 -4.01 -3.37	84.26 -4.03 -0.76	85.55 -3.96 -1.53	82.30 -4.12 1.20	82.64 -4.13 1.04	82.71 -4.21 0.89	82.56 -4.39 0.76	80.88 -4.48 0.77	82.37 -4.47 0.78	90.30 -4.23 -6.37	100.05 -3.88 -15.68	152.14 -6.90 9.14	149.18 -6.82 14.56	126.08 -4.76 -14.73	125.91 -6.34 8.54	96.39 -4.79 3.00	81.56 -4.64 1.34	82.94 -4.88 -0.65
HISHELDN_WT_PWR 323625	65.11 -7.78 -1.48	64.91 -7.85 -1.42	64.53 -7.98 -1.24	64.36 -8.05 -1.15	65.58 -7.59 -1.61	67.22 -6.55 -1.77	75.41 -7.00 -3.75	83.13 -8.05 -3.65	83.30 -7.83 -3.15	79.67 -8.85 -0.90	80.33 -8.26 -0.78	80.30 -8.16 -0.66	79.92 -8.33 -0.55	78.15 -8.53 -0.56	79.77 -8.41 -0.57	85.67 -7.41 -4.91	91.94 -6.97 -10.66	149.60 -14.63 3.94	147.75 -15.86 6.96	95.87 -10.80 9.45	122.74 -14.50 3.55	93.01 -11.15 0.03	79.72 -8.67 -0.85	80.31 -8.63 -1.77
HOLTSVILLE_IC_1 23690	117.88 6.29 -40.18	115.12 6.14 -37.64	109.07 6.05 -31.74	110.49 6.20 -33.02	115.44 6.22 -37.66	120.57 6.62 -41.95	137.99 7.32 -52.00	161.76 7.79 -66.44	146.43 9.06 -49.38	126.13 8.33 -30.19	122.18 8.25 -26.12	117.85 7.91 -22.14	113.97 7.54 -18.73	112.55 7.49 -18.94	115.18 8.33 -19.23	132.47 8.82 -35.50	156.23 7.95 -60.03	195.40 15.14 -12.08	190.88 15.17 -5.14	170.36 10.68 -43.57	165.53 11.68 -13.07	142.69 8.85 -29.66	130.00 8.14 -34.32	124.42 7.67 -29.57
HOLTSVILLE_IC_10 23699	118.24 6.64 -40.18	115.47 6.49 -37.64	109.43 6.42 -31.74	110.85 6.55 -33.02	115.79 6.58 -37.66	121.01 7.06 -41.95	138.54 7.87 -52.00	162.37 8.40 -66.44	147.04 9.68 -49.38	126.56 8.76 -30.19	122.71 8.78 -26.12	118.29 8.35 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.61 8.76 -19.23	133.00 9.34 -35.50	156.84 8.56 -60.03	196.57 16.31 -12.08	192.24 16.54 -5.14	171.18 11.50 -43.57	166.53 12.68 -13.07	143.32 9.48 -29.66	130.53 8.67 -34.32	124.85 8.11 -29.57
HOLTSVILLE_IC_2 23691	117.88 6.29 -40.18	115.12 6.14 -37.64	109.07 6.05 -31.74	110.49 6.20 -33.02	115.44 6.22 -37.66	120.57 6.62 -41.95	137.99 7.32 -52.00	161.76 7.79 -66.44	146.43 9.06 -49.38	126.13 8.33 -30.19	122.18 8.25 -26.12	117.85 7.91 -22.14	113.97 7.54 -18.73	112.55 7.49 -18.94	115.18 8.33 -19.23	132.47 8.82 -35.50	156.23 7.95 -60.03	195.40 15.14 -12.08	190.88 15.17 -5.14	170.36 10.68 -43.57	165.53 11.68 -13.07	142.69 8.85 -29.66	130.00 8.14 -34.32	124.42 7.67 -29.57
HOLTSVILLE_IC_3 23692	117.88 6.29 -40.18	115.12 6.14 -37.64	109.07 6.05 -31.74	110.49 6.20 -33.02	115.44 6.22 -37.66	120.57 6.62 -41.95	137.99 7.32 -52.00	161.76 7.79 -66.44	146.43 9.06 -49.38	126.13 8.33 -30.19	122.18 8.25 -26.12	117.85 7.91 -22.14	113.97 7.54 -18.73	112.55 7.49 -18.94	115.18 8.33 -19.23	132.47 8.82 -35.50	156.23 7.95 -60.03	195.40 15.14 -12.08	190.88 15.17 -5.14	170.36 10.68 -43.57	165.53 11.68 -13.07	142.69 8.85 -29.66	130.00 8.14 -34.32	124.42 7.67 -29.57
HOLTSVILLE_IC_4 23693	117.88 6.29 -40.18	115.12 6.14 -37.64	109.07 6.05 -31.74	110.49 6.20 -33.02	115.44 6.22 -37.66	120.57 6.62 -41.95	137.99 7.32 -52.00	161.76 7.79 -66.44	146.43 9.06 -49.38	126.13 8.33 -30.19	122.18 8.25 -26.12	117.85 7.91 -22.14	113.97 7.54 -18.73	112.55 7.49 -18.94	115.18 8.33 -19.23	132.47 8.82 -35.50	156.23 7.95 -60.03	195.40 15.14 -12.08	190.88 15.17 -5.14	170.36 10.68 -43.57	165.53 11.68 -13.07	142.69 8.85 -29.66	130.00 8.14 -34.32	124.42 7.67 -29.57
HOLTSVILLE_IC_5 23694	117.88 6.29 -40.18	115.12 6.14 -37.64	109.07 6.05 -31.74	110.49 6.20 -33.02	115.44 6.22 -37.66	120.57 6.62 -41.95	137.99 7.32 -52.00	161.76 7.79 -66.44	146.43 9.06 -49.38	126.13 8.33 -30.19	122.18 8.25 -26.12	117.85 7.91 -22.14	113.97 7.54 -18.73	112.55 7.49 -18.94	115.18 8.33 -19.23	132.47 8.82 -35.50	156.23 7.95 -60.03	195.40 15.14 -12.08	190.88 15.17 -5.14	170.36 10.68 -43.57	165.53 11.68 -13.07	142.69 8.85 -29.66	130.00 8.14 -34.32	124.42 7.67 -29.57
HOLTSVILLE_IC_6 23695	118.24 6.64 -40.18	115.47 6.49 -37.64	109.43 6.42 -31.74	110.85 6.55 -33.02	115.79 6.58 -37.66	121.01 7.06 -41.95	138.54 7.87 -52.00	162.37 8.40 -66.44	147.04 9.68 -49.38	126.56 8.76 -30.19	122.71 8.78 -26.12	118.29 8.35 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.61 8.76 -19.23	133.00 9.34 -35.50	156.84 8.56 -60.03	196.57 16.31 -12.08	192.24 16.54 -5.14	171.18 11.50 -43.57	166.53 12.68 -13.07	143.32 9.48 -29.66	130.53 8.67 -34.32	124.85 8.11 -29.57
HOLTSVILLE_IC_7 23696	118.24 6.64 -40.18	115.47 6.49 -37.64	109.43 6.42 -31.74	110.85 6.55 -33.02	115.79 6.58 -37.66	121.01 7.06 -41.95	138.54 7.87 -52.00	162.37 8.40 -66.44	147.04 9.68 -49.38	126.56 8.76 -30.19	122.71 8.78 -26.12	118.29 8.35 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.61 8.76 -19.23	133.00 9.34 -35.50	156.84 8.56 -60.03	196.57 16.31 -12.08	192.24 16.54 -5.14	171.18 11.50 -43.57	166.53 12.68 -13.07	143.32 9.48 -29.66	130.53 8.67 -34.32	124.85 8.11 -29.57
HOLTSVILLE_IC_8 23697	118.24 6.64 -40.18	115.47 6.49 -37.64	109.43 6.42 -31.74	110.85 6.55 -33.02	115.79 6.58 -37.66	121.01 7.06 -41.95	138.54 7.87 -52.00	162.37 8.40 -66.44	147.04 9.68 -49.38	126.56 8.76 -30.19	122.71 8.78 -26.12	118.29 8.35 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.61 8.76 -19.23	133.00 9.34 -35.50	156.84 8.56 -60.03	196.57 16.31 -12.08	192.24 16.54 -5.14	171.18 11.50 -43.57	166.53 12.68 -13.07	143.32 9.48 -29.66	130.53 8.67 -34.32	124.85 8.11 -29.57
HOLTSVILLE_IC_9 23698	118.24 6.64 -40.18	115.47 6.49 -37.64	109.43 6.42 -31.74	110.85 6.55 -33.02	115.79 6.58 -37.66	121.01 7.06 -41.95	138.54 7.87 -52.00	162.37 8.40 -66.44	147.04 9.68 -49.38	126.56 8.76 -30.19	122.71 8.78 -26.12	118.29 8.35 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.61 8.76 -19.23	133.00 9.34 -35.50	156.84 8.56 -60.03	196.57 16.31 -12.08	192.24 16.54 -5.14	171.18 11.50 -43.57	166.53 12.68 -13.07	143.32 9.48 -29.66	130.53 8.67 -34.32	124.85 8.11 -29.57
HOMER_HL_115KV_TB2 355744	67.45 -5.57 -1.61	68.17 -4.71 -1.54	67.56 -5.06 -1.35	67.81 -4.70 -1.24	67.57 -5.72 -1.74	66.87 -7.06 -1.92	75.55 -7.79 -4.67	86.15 -6.39 -5.01	85.48 -6.60 -4.10	84.04 -5.17 -1.60	83.04 -6.15 -1.38	83.01 -5.97 -1.17	82.46 -6.23 -0.99	80.92 -6.20 -1.00	82.06 -6.57 -1.01	85.60 -7.85 -5.28	91.78 -7.59 -11.11	155.14 -9.92 3.11	155.54 -9.04 5.98	112.22 -6.39 -2.49	131.08 -7.04 2.67	99.64 -5.42 -0.88	81.62 -7.62 -1.70	80.75 -8.89 -2.46
HOWARD_WT_PWR 323690	62.28 -6.86 2.28	62.14 -6.99 2.21	62.06 -7.27 1.94	62.28 -7.20 1.79	62.44 -6.65 2.46	63.54 -5.90 2.56	72.44 -5.98 0.25	75.71 -6.83 4.99	78.64 -6.77 2.57	75.73 -7.89 4.00	76.88 -7.46 3.46	77.05 -7.82 2.94	78.02 -7.19 2.50	76.71 -6.89 2.52	78.84 -6.22 2.56	87.97 -4.49 -4.30	97.89 -3.17 -12.81	150.53 -5.89 11.75	146.89 -6.31 17.36	147.46 -4.07 -35.41	122.96 -6.47 11.35	92.70 -5.31 6.18	78.43 -4.73 4.38	80.07 -5.14 1.96

HQ_GEN_CEDARS 23644	71.41 0.00 0.00	71.49 0.14 0.00	71.56 0.29 0.00	71.56 0.29 0.00	71.48 -0.07 0.00	71.28 -0.72 0.00	77.57 -1.10 0.00	86.48 -1.05 0.00	86.22 -1.76 0.00	86.21 -1.40 0.00	86.40 -1.40 0.00	86.49 -1.32 0.00	86.48 -1.23 0.00	85.17 -0.95 0.00	86.65 -0.96 0.00	86.49 -1.68 0.00	86.49 -1.77 0.00	164.81 -3.36 0.00	167.67 -2.90 0.00	114.14 -1.97 0.00	139.23 -1.55 0.00	103.35 -0.83 0.00	86.84 -0.70 0.00	87.00 -0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	71.41 0.00 0.00	71.49 0.14 0.00	71.56 0.29 0.00	71.56 0.29 0.00	71.48 -0.07 0.00	71.28 -0.72 0.00	77.65 -1.02 0.00	86.48 -1.05 0.00	86.22 -1.76 0.00	86.30 -1.31 0.00	86.40 -1.41 0.00	86.49 -1.31 0.00	86.48 -1.23 0.00	85.18 -0.95 0.00	86.65 -0.96 0.00	86.48 -1.68 0.00	86.58 -1.68 0.00	164.81 -3.36 0.00	167.66 -2.90 0.00	114.14 -1.97 0.00	139.24 -1.55 0.00	103.35 -0.84 0.00	86.84 -0.70 0.00	87.00 -0.17 0.00
HQ_GEN_IMPORT 323601	71.20 -0.21 0.00	71.20 -0.14 0.00	71.20 -0.07 0.00	71.20 -0.07 0.00	71.20 -0.36 0.00	71.21 -0.79 0.00	77.65 -1.02 0.00	86.39 -1.14 0.00	86.40 -1.58 0.00	86.39 -1.23 0.00	86.40 -1.41 0.00	86.40 -1.41 0.00	86.39 -1.31 0.00	85.00 -1.12 0.00	86.39 -1.23 0.00	86.40 -1.76 0.00	86.40 -1.86 0.00	164.97 -3.20 0.00	167.50 -3.07 0.00	114.03 -2.09 0.00	139.10 -1.68 0.00	103.04 -1.14 0.00	86.40 -1.14 0.00	86.39 -0.79 0.00
HQ_GEN_WHEEL 23651	71.20 -0.21 0.00	71.20 -0.14 0.00	71.20 -0.07 0.00	71.20 -0.07 0.00	71.20 -0.36 0.00	71.21 -0.79 0.00	77.65 -1.02 0.00	86.39 -1.14 0.00	86.40 -1.58 0.00	86.39 -1.23 0.00	86.40 -1.41 0.00	86.40 -1.41 0.00	86.39 -1.31 0.00	85.00 -1.12 0.00	86.39 -1.23 0.00	86.40 -1.76 0.00	86.40 -1.86 0.00	164.97 -3.20 0.00	167.50 -3.07 0.00	114.03 -2.09 0.00	139.10 -1.68 0.00	103.04 -1.14 0.00	86.40 -1.14 0.00	86.39 -0.79 0.00
HUDSON_AVE_GT_3 23810	109.15 4.93 -32.81	107.60 4.71 -31.55	103.78 4.78 -27.73	101.60 4.78 -25.55	111.74 4.65 -35.54	115.15 4.90 -38.25	127.16 5.51 -42.99	160.63 6.65 -66.45	144.05 7.39 -48.68	125.34 7.54 -30.19	121.48 7.55 -26.12	117.50 7.55 -22.14	113.71 7.28 -18.73	112.13 7.06 -18.94	114.39 7.54 -19.24	131.42 7.76 -35.50	156.13 7.68 -60.20	195.06 14.80 -12.09	190.54 14.84 -5.14	169.68 9.99 -43.58	166.36 11.40 -14.17	142.39 8.54 -29.67	125.31 6.83 -30.94	122.86 6.10 -29.58
HUDSON_AVE_GT_4 23540	109.15 4.93 -32.81	107.60 4.71 -31.55	103.78 4.78 -27.73	101.60 4.78 -25.55	111.74 4.65 -35.54	115.15 4.90 -38.25	127.16 5.51 -42.99	160.63 6.65 -66.45	144.05 7.39 -48.68	125.34 7.54 -30.19	121.48 7.55 -26.12	117.50 7.55 -22.14	113.71 7.28 -18.73	112.13 7.06 -18.94	114.39 7.54 -19.24	131.42 7.76 -35.50	156.13 7.68 -60.20	195.06 14.80 -12.09	190.54 14.84 -5.14	169.68 9.99 -43.58	166.36 11.40 -14.17	142.39 8.54 -29.67	125.31 6.83 -30.94	122.86 6.10 -29.58
HUDSON_AVE_GT_5 23657	109.15 4.93 -32.81	107.60 4.71 -31.55	103.78 4.78 -27.73	101.60 4.78 -25.55	111.74 4.65 -35.54	115.15 4.90 -38.25	127.16 5.51 -42.99	160.63 6.65 -66.45	144.05 7.39 -48.68	125.34 7.54 -30.19	121.48 7.55 -26.12	117.50 7.55 -22.14	113.71 7.28 -18.73	112.13 7.06 -18.94	114.39 7.54 -19.24	131.42 7.76 -35.50	156.13 7.68 -60.20	195.06 14.80 -12.09	190.54 14.84 -5.14	169.68 9.99 -43.58	166.36 11.40 -14.17	142.39 8.54 -29.67	125.31 6.83 -30.94	122.86 6.10 -29.58
HUDSON_AVE_10 24168	108.94 4.71 -32.81	107.39 4.49 -31.55	103.57 4.56 -27.73	101.38 4.56 -25.55	111.53 4.44 -35.54	115.00 4.75 -38.25	127.01 5.35 -42.99	160.46 6.48 -66.45	143.87 7.21 -48.68	125.17 7.36 -30.19	121.31 7.38 -26.12	117.33 7.38 -22.14	113.54 7.10 -18.73	111.96 6.89 -18.94	114.21 7.36 -19.24	131.25 7.58 -35.50	155.86 7.33 -60.28	194.89 14.63 -12.09	190.37 14.67 -5.14	169.57 9.87 -43.58	166.48 10.98 -14.71	142.19 8.33 -29.67	125.14 6.65 -30.94	122.59 5.84 -29.58
HUDSON___115KV_TB 4 355613	113.86 3.36 -39.09	112.28 3.35 -37.58	107.59 3.28 -33.04	104.98 3.28 -30.44	117.32 3.43 -42.33	121.23 3.67 -45.56	146.95 3.46 -64.81	179.41 3.85 -88.03	158.97 3.87 -67.11	127.35 3.77 -35.97	122.61 3.69 -31.12	117.87 3.69 -26.38	113.78 3.77 -22.31	112.31 3.62 -22.57	113.86 3.33 -22.92	133.89 3.44 -42.29	163.49 3.53 -71.71	196.17 7.06 -20.93	188.27 7.16 -10.54	184.54 4.76 -63.66	175.35 5.49 -29.08	143.38 3.85 -35.34	128.08 3.68 -36.86	126.59 4.18 -35.23
HUNTER MOUNT___DRP 323613	112.95 3.36 -38.18	111.34 3.28 -36.72	106.75 3.21 -32.27	104.14 3.14 -29.73	116.27 3.36 -41.35	120.11 3.60 -44.51	143.26 3.54 -61.04	175.98 3.94 -84.51	155.89 3.87 -64.04	126.34 3.59 -35.14	121.72 3.51 -30.40	117.09 3.51 -25.77	113.09 3.60 -21.80	111.53 3.36 -22.05	113.16 3.15 -22.39	132.83 3.35 -41.31	161.93 3.62 -70.05	194.93 7.40 -19.36	187.63 7.50 -9.56	181.34 4.99 -60.23	172.78 5.63 -26.37	142.77 4.06 -34.53	127.23 3.68 -36.01	125.69 4.10 -34.42
HUNTINGTON_RES_REC 323705	117.88 6.29 -40.18	115.04 6.06 -37.64	109.07 6.05 -31.74	110.35 6.05 -33.02	115.29 6.08 -37.66	120.43 6.48 -41.95	137.90 7.23 -52.00	161.93 7.96 -66.44	146.51 9.15 -49.38	126.40 8.59 -30.19	122.44 8.51 -26.12	118.12 8.17 -22.14	114.33 7.90 -18.73	112.90 7.84 -18.94	115.44 8.59 -19.23	132.74 9.08 -35.50	156.84 8.56 -60.03	196.40 16.15 -12.08	192.08 16.38 -5.14	171.07 11.39 -43.57	166.37 12.53 -13.06	143.32 9.48 -29.66	130.26 8.40 -34.32	124.59 7.85 -29.57
HUNTLEY___63 23557	64.89 -8.43 -1.91	64.47 -8.70 -1.83	64.19 -8.70 -1.61	63.84 -8.91 -1.48	65.47 -8.16 -2.07	67.56 -6.70 -2.26	75.18 -7.40 -3.91	82.45 -9.54 -4.46	82.70 -8.89 -3.60	79.39 -9.73 -1.50	80.14 -8.96 -1.29	80.12 -8.78 -1.09	79.59 -9.03 -0.92	77.58 -9.47 -0.93	79.01 -9.55 -0.95	84.18 -8.46 -4.48	89.13 -8.47 -9.34	150.07 -19.00 -0.90	150.30 -20.30 -0.03	104.49 -13.82 -2.19	123.73 -18.72 -1.68	91.35 -14.17 -1.33	79.51 -9.54 -1.51	80.31 -8.98 -2.12
HUNTLEY___64 23558	64.89 -8.43 -1.91	64.47 -8.70 -1.83	64.19 -8.70 -1.61	63.84 -8.91 -1.48	65.47 -8.16 -2.07	67.56 -6.70 -2.26	75.18 -7.40 -3.91	82.45 -9.54 -4.46	82.70 -8.89 -3.60	79.39 -9.73 -1.50	80.14 -8.96 -1.29	80.12 -8.78 -1.09	79.59 -9.03 -0.92	77.58 -9.47 -0.93	79.01 -9.55 -0.95	84.18 -8.46 -4.48	89.13 -8.47 -9.34	150.07 -19.00 -0.90	150.30 -20.30 -0.03	104.49 -13.82 -2.19	123.73 -18.72 -1.68	91.35 -14.17 -1.33	79.51 -9.54 -1.51	80.31 -8.98 -2.12
HUNTLEY___65 23559	64.89 -8.43 -1.91	64.47 -8.70 -1.83	64.19 -8.70 -1.61	63.84 -8.91 -1.48	65.47 -8.16 -2.07	67.56 -6.70 -2.26	75.18 -7.40 -3.91	82.45 -9.54 -4.46	82.70 -8.89 -3.60	79.39 -9.73 -1.50	80.14 -8.96 -1.29	80.12 -8.78 -1.09	79.59 -9.03 -0.92	77.58 -9.47 -0.93	79.01 -9.55 -0.95	84.18 -8.46 -4.48	89.13 -8.47 -9.34	150.07 -19.00 -0.90	150.30 -20.30 -0.03	104.49 -13.82 -2.19	123.73 -18.72 -1.68	91.35 -14.17 -1.33	79.51 -9.54 -1.51	80.31 -8.98 -2.12
HUNTLEY___66 23560	64.89 -8.43 -1.91	64.47 -8.70 -1.83	64.19 -8.70 -1.61	63.84 -8.91 -1.48	65.47 -8.16 -2.07	67.56 -6.70 -2.26	75.18 -7.40 -3.91	82.45 -9.54 -4.46	82.70 -8.89 -3.60	79.39 -9.73 -1.50	80.14 -8.96 -1.29	80.12 -8.78 -1.09	79.59 -9.03 -0.92	77.58 -9.47 -0.93	79.01 -9.55 -0.95	84.18 -8.46 -4.48	89.13 -8.47 -9.34	150.07 -19.00 -0.90	150.30 -20.30 -0.03	104.49 -13.82 -2.19	123.73 -18.72 -1.68	91.35 -14.17 -1.33	79.51 -9.54 -1.51	80.31 -8.98 -2.12

HUNTLEY___67 23561	64.72 -8.57 -1.88	64.37 -8.78 -1.80	64.02 -8.84 -1.58	63.75 -8.98 -1.46	65.22 -8.37 -2.04	67.24 -6.98 -2.23	75.04 -7.55 -3.93	82.59 -9.37 -4.42	82.77 -8.80 -3.59	79.34 -9.73 -1.45	80.11 -8.96 -1.25	80.09 -8.78 -1.06	79.65 -8.95 -0.90	77.64 -9.39 -0.91	79.08 -9.46 -0.92	84.34 -8.38 -4.55	89.39 -8.38 -9.52	145.84 -18.67 3.66	144.23 -19.79 6.55	102.10 -13.59 0.43	119.16 -18.16 3.46	91.16 -13.65 -0.62	79.38 -9.63 -1.46	80.30 -8.98 -2.11
HUNTLEY___68 23562	64.72 -8.57 -1.88	64.37 -8.78 -1.80	64.02 -8.84 -1.58	63.75 -8.98 -1.46	65.22 -8.37 -2.04	67.24 -6.98 -2.23	75.04 -7.55 -3.93	82.59 -9.37 -4.42	82.77 -8.80 -3.59	79.34 -9.73 -1.45	80.11 -8.96 -1.25	80.09 -8.78 -1.06	79.65 -8.95 -0.90	77.64 -9.39 -0.91	79.08 -9.46 -0.92	84.34 -8.38 -4.55	89.39 -8.38 -9.52	145.84 -18.67 3.66	144.23 -19.79 6.55	102.10 -13.59 0.43	119.16 -18.16 3.46	91.16 -13.65 -0.62	79.38 -9.63 -1.46	80.30 -8.98 -2.11
HYLAND___LFGE 323620	69.65 -2.43 -0.66	69.11 -2.86 -0.62	68.89 -2.93 -0.55	68.71 -3.06 -0.50	70.27 -2.00 -0.72	72.10 -0.72 -0.82	81.57 0.24 -2.66	89.27 0.09 -1.65	89.50 -0.26 -1.78	85.36 -2.10 0.15	85.74 -1.93 0.13	85.33 -2.37 0.11	85.15 -2.46 0.10	83.26 -2.76 0.10	85.15 -2.36 0.10	92.46 -0.18 -4.47	99.81 1.14 -10.41	164.91 2.03 5.29	163.46 1.53 8.64	147.97 0.47 -31.39	134.17 -1.68 4.93	100.70 -2.19 1.29	86.12 -1.14 0.28	86.93 -1.14 -0.89
INDECK___CORINTH 23802	118.56 5.64 -41.51	116.75 5.49 -39.91	111.92 5.56 -35.08	109.08 5.49 -32.32	122.30 5.79 -44.95	126.50 6.12 -48.38	189.98 6.92 -104.38	211.90 7.70 -116.66	191.04 7.92 -95.13	133.08 7.27 -38.19	128.31 7.46 -33.04	123.10 7.28 -28.01	118.50 7.10 -23.69	116.89 6.80 -23.96	118.87 6.92 -24.34	140.48 7.41 -44.91	172.61 8.21 -76.14	223.28 15.80 -39.30	209.18 15.87 -22.75	225.09 10.68 -98.30	216.05 12.53 -62.75	150.98 9.27 -37.53	134.30 7.61 -39.14	131.91 7.32 -37.41
INDECK___ILION 23567	72.41 1.00 0.00	72.34 1.00 0.00	72.20 0.93 0.00	72.27 1.00 0.00	72.63 1.07 0.00	73.22 1.22 0.00	83.39 4.72 0.00	93.04 5.51 0.00	93.61 5.63 0.00	93.14 5.52 0.00	93.43 5.62 0.00	93.43 5.53 0.00	93.23 5.17 0.00	91.29 5.34 0.00	92.96 5.47 0.00	93.63 5.47 0.00	94.88 6.62 0.00	182.80 14.63 0.00	186.60 16.03 0.00	127.73 11.61 0.00	154.44 13.66 0.00	114.60 10.42 0.00	96.82 9.28 0.00	96.07 8.89 0.00
INDECK___OLEAN 23982	67.45 -5.57 -1.61	68.24 -4.64 -1.54	67.56 -5.06 -1.35	67.81 -4.71 -1.24	67.57 -5.73 -1.74	66.87 -7.05 -1.92	75.55 -7.79 -4.67	85.86 -6.74 -5.06	85.52 -6.60 -4.14	84.07 -5.17 -1.62	83.06 -6.15 -1.40	83.02 -5.97 -1.19	82.48 -6.22 -1.00	80.93 -6.20 -1.01	82.07 -6.57 -1.03	85.62 -7.85 -5.31	91.73 -7.59 -11.06	154.80 -10.26 3.11	155.03 -9.55 5.98	112.31 -6.27 -2.46	131.08 -7.04 2.67	99.75 -5.31 -0.88	81.62 -7.62 -1.70	80.75 -8.89 -2.46
INDECK___OSWEGO 23783	71.43 -2.50 -2.52	71.20 -2.57 -2.42	70.69 -2.71 -2.13	70.52 -2.71 -1.96	71.85 -2.43 -2.73	72.78 -2.16 -2.94	78.00 -2.76 -2.09	88.84 -3.07 -4.38	87.96 -2.99 -2.97	86.64 -3.33 -2.35	86.60 -3.25 -2.03	86.29 -3.25 -1.72	85.83 -3.33 -1.46	84.24 -3.36 -1.48	85.70 -3.42 -1.50	88.02 -2.91 -2.76	90.05 -2.83 -4.62	162.80 -5.72 -0.35	164.77 -5.80 0.00	114.46 -3.95 -2.30	135.29 -5.49 0.00	102.18 -4.28 -2.28	86.41 -3.50 -2.38	85.96 -3.49 -2.27
INDECK___YERKES 23781	64.89 -8.43 -1.91	64.54 -8.63 -1.83	64.25 -8.63 -1.61	63.84 -8.91 -1.48	65.54 -8.09 -2.07	67.64 -6.62 -2.26	75.26 -7.31 -3.91	82.76 -9.28 -4.51	82.74 -8.88 -3.64	79.32 -9.81 -1.52	80.16 -8.96 -1.31	80.05 -8.87 -1.11	79.61 -9.03 -0.94	77.60 -9.47 -0.95	79.03 -9.55 -0.96	84.21 -8.46 -4.51	89.08 -8.47 -9.29	150.24 -18.83 -0.90	150.30 -20.30 -0.03	104.35 -13.94 -2.17	123.60 -18.86 -1.68	91.45 -14.07 -1.33	79.51 -9.54 -1.51	80.23 -9.07 -2.12
INDIAN POINT_GT_1 24139	108.39 4.50 -32.48	106.92 4.35 -31.23	103.07 4.35 -27.45	100.91 4.35 -25.29	111.02 4.29 -35.17	114.32 4.46 -37.86	126.25 5.03 -42.54	159.25 5.95 -65.77	142.75 6.60 -48.18	124.16 6.66 -29.88	120.34 6.67 -25.85	116.31 6.59 -21.92	112.64 6.40 -18.54	111.07 6.20 -18.75	113.23 6.57 -19.04	130.09 6.79 -35.14	154.72 6.88 -59.58	193.25 13.12 -11.96	188.95 13.30 -5.09	168.19 8.94 -43.14	165.08 10.28 -14.02	141.15 7.61 -29.36	124.38 6.22 -30.63	122.03 5.58 -29.27
INDIAN POINT_GT_2 23659	108.39 4.50 -32.48	106.92 4.35 -31.23	103.07 4.35 -27.45	100.91 4.35 -25.29	111.02 4.29 -35.17	114.32 4.46 -37.86	126.25 5.03 -42.54	159.25 5.95 -65.77	142.75 6.60 -48.18	124.16 6.66 -29.88	120.34 6.67 -25.85	116.31 6.59 -21.92	112.64 6.40 -18.54	111.07 6.20 -18.75	113.23 6.57 -19.04	130.09 6.79 -35.14	154.72 6.88 -59.58	193.25 13.12 -11.96	188.95 13.30 -5.09	168.19 8.94 -43.14	165.08 10.28 -14.02	141.15 7.61 -29.36	124.38 6.22 -30.63	122.03 5.58 -29.27
INDIAN POINT_GT_3 24019	108.39 4.50 -32.48	106.92 4.35 -31.23	103.07 4.35 -27.45	100.91 4.35 -25.29	111.02 4.29 -35.17	114.32 4.46 -37.86	126.25 5.03 -42.54	159.25 5.95 -65.77	142.75 6.60 -48.18	124.16 6.66 -29.88	120.34 6.67 -25.85	116.31 6.59 -21.92	112.64 6.40 -18.54	111.07 6.20 -18.75	113.23 6.57 -19.04	130.09 6.79 -35.14	154.72 6.88 -59.58	193.25 13.12 -11.96	188.95 13.30 -5.09	168.19 8.94 -43.14	165.08 10.28 -14.02	141.15 7.61 -29.36	124.38 6.22 -30.63	122.03 5.58 -29.27
INDIAN POINT___2 23530	107.81 4.36 -32.04	106.36 4.21 -30.81	102.56 4.20 -27.08	100.35 4.13 -24.95	110.40 4.15 -34.70	113.74 4.39 -37.35	125.51 4.88 -41.96	158.19 5.78 -64.88	141.92 6.42 -47.52	123.58 6.48 -29.48	119.72 6.41 -25.51	115.84 6.41 -21.62	112.22 6.23 -18.29	110.65 6.03 -18.50	112.89 6.48 -18.79	129.62 6.79 -34.67	153.73 6.70 -58.77	192.74 12.77 -11.80	188.20 12.62 -5.01	167.37 8.71 -42.54	164.60 10.00 -13.82	140.55 7.40 -28.97	123.79 6.04 -30.21	121.55 5.50 -28.88
INDIAN POINT___3 23531	108.27 4.36 -32.50	106.80 4.21 -31.25	102.94 4.21 -27.47	100.78 4.21 -25.30	110.90 4.15 -35.20	114.27 4.39 -37.88	126.20 4.96 -42.57	159.12 5.78 -65.81	142.61 6.42 -48.21	124.00 6.48 -29.90	120.09 6.41 -25.87	116.15 6.41 -21.93	112.48 6.23 -18.55	110.91 6.03 -18.76	113.07 6.40 -19.05	129.94 6.61 -35.16	154.50 6.62 -59.62	192.93 12.78 -11.97	188.45 12.79 -5.09	167.99 8.71 -43.17	164.81 10.00 -14.03	140.96 7.40 -29.38	124.23 6.04 -30.65	121.87 5.40 -29.29
INGHAM_C_115KV_TB7 356103	72.98 1.57 0.00	72.91 1.57 0.00	72.70 1.43 0.00	72.77 1.50 0.00	73.20 1.65 0.00	73.80 1.80 0.00	82.92 4.25 0.00	92.43 4.90 0.00	93.00 5.01 0.00	92.61 4.99 0.00	92.81 5.01 0.00	92.81 5.01 0.00	92.61 4.91 0.00	90.77 4.65 0.00	92.44 4.82 0.00	93.01 4.85 0.00	94.17 5.91 0.00	181.29 13.12 0.00	185.23 14.67 0.00	126.68 10.57 0.00	153.45 12.67 0.00	113.87 9.69 0.00	96.29 8.75 0.00	95.55 8.37 0.00
IP CORINTH___1 23988	118.56 5.64 -41.51	116.74 5.49 -39.91	111.91 5.56 -35.08	109.08 5.49 -32.32	122.30 5.80 -44.95	126.50 6.12 -48.38	189.98 6.92 -104.38	211.89 7.70 -116.66	191.03 7.92 -95.13	133.17 7.36 -38.19	128.31 7.46 -33.04	123.11 7.29 -28.01	118.50 7.10 -23.69	116.89 6.80 -23.96	118.87 6.92 -24.33	140.48 7.41 -44.91	172.43 8.03 -76.14	223.28 15.81 -39.30	209.18 15.86 -22.75	225.10 10.68 -98.30	216.06 12.53 -62.75	150.98 9.27 -37.53	134.30 7.62 -39.14	131.83 7.24 -37.41

IP___TICONDEROGA 23804	121.27 8.43 -41.43	119.31 8.13 -39.84	114.42 8.12 -35.02	111.59 8.05 -32.26	125.08 8.66 -44.87	129.37 9.07 -48.29	192.40 10.23 -103.50	215.08 11.55 -116.00	194.27 11.79 -94.50	136.43 10.69 -38.12	131.77 10.98 -32.98	126.66 10.89 -27.96	121.88 10.52 -23.65	120.20 10.16 -23.92	122.25 10.34 -24.29	144.27 11.28 -44.83	176.44 12.18 -76.01	231.29 24.22 -38.90	217.27 24.22 -22.49	229.90 16.26 -97.53	221.80 19.01 -62.01	155.40 13.75 -37.46	137.82 11.21 -39.07	135.24 10.72 -37.35
ISLIP_RES_REC 323679	118.52 6.93 -40.18	115.76 6.78 -37.64	109.64 6.63 -31.74	111.07 6.77 -33.02	116.08 6.87 -37.66	121.30 7.35 -41.95	138.93 8.26 -52.00	162.90 8.93 -66.44	147.56 10.20 -49.38	127.00 9.20 -30.19	123.14 9.22 -26.12	118.73 8.78 -22.14	114.85 8.42 -18.73	113.41 8.35 -18.94	116.05 9.20 -19.23	133.44 9.78 -35.50	157.38 9.09 -60.03	197.58 17.33 -12.08	193.27 17.57 -5.14	171.99 12.30 -43.57	167.23 13.38 -13.07	143.85 10.00 -29.66	130.88 9.02 -34.32	125.20 8.45 -29.57
JAMAICA__27_KV_LOAD 355505	109.30 5.07 -32.81	107.67 4.78 -31.55	103.85 4.85 -27.73	101.60 4.78 -25.55	111.82 4.72 -35.54	115.36 5.11 -38.25	127.56 5.90 -42.99	161.16 7.18 -66.45	144.75 8.09 -48.68	126.05 8.24 -30.19	122.18 8.25 -26.12	118.12 8.17 -22.14	114.24 7.81 -18.73	112.73 7.66 -18.94	115.00 8.15 -19.24	132.13 8.46 -35.50	156.32 7.77 -60.30	196.74 16.48 -12.09	192.42 16.72 -5.14	170.96 11.26 -43.58	167.45 11.83 -14.85	143.23 9.38 -29.67	125.84 7.35 -30.94	123.20 6.45 -29.58
JANIS___SOLAR 323808	90.70 1.64 -17.65	90.04 1.71 -16.98	87.55 1.35 -14.93	86.53 1.50 -13.76	92.60 1.93 -19.11	94.92 2.45 -20.47	103.08 3.07 -21.34	127.37 4.03 -35.81	117.40 3.78 -25.64	108.00 3.15 -17.24	105.62 2.89 -14.91	103.18 2.73 -12.65	100.95 2.54 -10.70	99.27 2.33 -10.83	101.24 2.63 -10.99	104.51 3.87 -12.47	109.18 4.67 -16.25	194.74 10.09 -16.48	199.23 10.75 -17.91	138.35 7.44 -14.79	165.89 7.32 -17.79	127.87 5.00 -18.69	108.84 3.59 -17.71	105.14 2.97 -15.00
JARVIS____ 23743	71.84 0.43 0.00	71.77 0.43 0.00	71.63 0.36 0.00	71.63 0.36 0.00	71.99 0.43 0.00	72.57 0.57 0.00	79.30 0.63 0.00	88.15 0.62 0.00	88.77 0.79 0.00	88.31 0.70 0.00	88.60 0.79 0.00	88.60 0.79 0.00	88.49 0.79 0.00	86.81 0.69 0.00	88.31 0.70 0.00	88.95 0.79 0.00	89.14 0.88 0.00	170.03 1.85 0.00	172.27 1.71 0.00	117.39 1.28 0.00	142.05 1.26 0.00	105.22 1.04 0.00	88.42 0.88 0.00	87.87 0.69 0.00
JENNISON___1 23625	86.81 2.14 -13.25	86.44 2.35 -12.75	84.47 2.00 -11.20	83.80 2.21 -10.32	88.34 2.43 -14.35	90.31 2.88 -15.43	101.83 3.30 -19.85	120.60 4.38 -28.69	113.83 4.40 -21.45	103.94 3.94 -12.38	102.30 3.78 -10.72	100.67 3.78 -9.08	98.98 3.60 -7.69	97.08 3.19 -7.77	99.01 3.50 -7.89	105.69 4.58 -12.94	114.63 5.38 -20.98	188.11 11.60 -8.33	189.16 12.45 -6.15	143.40 8.48 -18.81	159.92 8.73 -10.40	122.86 6.15 -12.53	104.53 4.29 -12.70	102.41 3.49 -11.74
JENNISON___2 23626	86.81 2.14 -13.25	86.44 2.35 -12.75	84.47 2.00 -11.20	83.80 2.21 -10.32	88.34 2.43 -14.35	90.31 2.88 -15.43	101.83 3.30 -19.85	120.60 4.38 -28.69	113.83 4.40 -21.45	103.94 3.94 -12.38	102.30 3.78 -10.72	100.67 3.78 -9.08	98.98 3.60 -7.69	97.08 3.19 -7.77	99.01 3.50 -7.89	105.69 4.58 -12.94	114.63 5.38 -20.98	188.11 11.60 -8.33	189.16 12.45 -6.15	143.40 8.48 -18.81	159.92 8.73 -10.40	122.86 6.15 -12.53	104.53 4.29 -12.70	102.41 3.49 -11.74
JERICHO_RISE_WT_PWR 323719	69.77 -1.64 0.00	69.77 -1.57 0.00	69.99 -1.28 0.00	70.27 -1.00 0.00	70.48 -1.07 0.00	70.13 -1.87 0.00	76.31 -2.36 0.00	85.08 -2.45 0.00	84.82 -3.16 0.00	84.90 -2.72 0.00	84.91 -2.90 0.00	84.82 -2.99 0.00	84.72 -2.98 0.00	83.54 -2.58 0.00	85.07 -2.54 0.00	85.16 -3.00 0.00	85.61 -2.65 0.00	163.46 -4.71 0.00	166.81 -3.75 0.00	113.56 -2.56 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.31 -1.23 0.00	86.74 -0.43 0.00
KATONAH___115KV_46KV_TB4 355592	109.92 5.28 -33.22	108.42 5.14 -31.94	104.48 5.13 -28.08	102.27 5.13 -25.87	112.62 5.08 -35.98	116.20 5.47 -38.73	128.52 6.29 -43.55	162.09 7.27 -67.30	145.29 8.01 -49.30	126.33 8.15 -30.57	122.42 8.17 -26.45	118.31 8.08 -22.42	114.47 7.81 -18.96	112.88 7.58 -19.18	115.15 8.06 -19.48	132.48 8.38 -35.95	157.59 8.38 -60.95	196.40 15.98 -12.25	191.81 16.03 -5.21	171.07 10.80 -44.15	167.69 12.53 -14.37	143.49 9.27 -30.04	126.40 7.53 -31.33	123.92 6.80 -29.95
KCE_NY_1 323755	117.50 4.71 -41.37	115.76 4.63 -39.78	110.87 4.63 -34.97	108.12 4.63 -32.21	121.23 4.87 -44.81	125.26 5.04 -48.23	187.14 5.67 -102.81	209.31 6.31 -115.48	188.49 6.51 -94.00	131.73 6.04 -38.07	126.80 6.05 -32.94	121.78 6.05 -27.92	117.29 5.97 -23.62	115.78 5.77 -23.89	117.74 5.87 -24.26	139.19 6.26 -44.77	171.04 6.89 -75.89	219.88 13.13 -38.58	205.98 13.13 -22.28	221.97 8.94 -96.91	212.78 10.56 -61.43	149.30 7.71 -37.41	132.94 6.39 -39.02	130.66 6.19 -37.29
KCE_NY_6_ESR 323823	65.55 -7.71 -1.85	65.41 -7.71 -1.77	64.99 -7.84 -1.56	64.79 -7.91 -1.43	66.05 -7.51 -2.00	67.50 -6.69 -2.19	75.56 -7.16 -4.04	83.92 -8.14 -4.53	80.75 -7.74 -3.69	81.25 -8.33 -1.46	81.24 -7.82 -1.26	80.80 -7.64 -1.07	78.93 -7.81 -0.90	78.93 -8.10 -0.91	80.22 -8.33 -0.92	85.33 -7.58 -4.75	90.64 -7.50 -9.88	150.06 -15.30 2.81	148.84 -16.38 5.36	104.72 -11.15 0.25	123.42 -14.93 2.44	93.65 -11.25 -0.72	80.24 -8.75 -1.45	80.68 -8.63 -2.14
KEDC_PORT_JEFF_GT2 24210	118.24 6.64 -40.18	115.40 6.42 -37.64	109.35 6.34 -31.74	110.78 6.48 -33.02	115.73 6.51 -37.66	120.93 6.98 -41.95	138.46 7.79 -52.00	162.37 8.40 -66.44	147.04 9.68 -49.38	126.56 8.76 -30.19	122.71 8.78 -26.12	118.29 8.35 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.61 8.76 -19.23	132.91 9.25 -35.50	156.84 8.56 -60.03	196.06 15.80 -12.08	191.73 16.03 -5.14	170.83 11.15 -43.57	166.09 12.24 -13.07	143.32 9.48 -29.66	130.44 8.58 -34.32	124.76 8.02 -29.57
KEDC_PORT_JEFF_GT3 24211	118.24 6.64 -40.18	115.40 6.42 -37.64	109.35 6.34 -31.74	110.78 6.48 -33.02	115.73 6.51 -37.66	120.93 6.98 -41.95	138.46 7.79 -52.00	162.37 8.40 -66.44	147.04 9.68 -49.38	126.56 8.76 -30.19	122.71 8.78 -26.12	118.29 8.35 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.61 8.76 -19.23	132.91 9.25 -35.50	156.84 8.56 -60.03	196.06 15.80 -12.08	191.73 16.03 -5.14	170.83 11.15 -43.57	166.09 12.24 -13.07	143.32 9.48 -29.66	130.44 8.58 -34.32	124.76 8.02 -29.57
KEDC_GLWD_GT4 24219	117.60 6.00 -40.18	114.75 5.78 -37.64	108.78 5.77 -31.74	110.07 5.77 -33.02	114.94 5.73 -37.66	120.00 6.05 -41.95	137.12 6.45 -52.00	161.23 7.26 -66.44	145.63 8.27 -49.38	126.04 8.23 -30.19	122.09 8.17 -26.12	117.85 7.91 -22.14	114.06 7.63 -18.73	112.55 7.49 -18.94	115.00 8.15 -19.23	132.21 8.55 -35.50	156.55 8.11 -60.17	195.72 15.46 -12.08	191.38 15.68 -5.14	170.36 10.68 -43.57	166.79 12.11 -13.90	142.90 9.06 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
KEDC_GLWD_GT5 24220	117.60 6.00 -40.18	114.75 5.78 -37.64	108.78 5.77 -31.74	110.07 5.77 -33.02	114.94 5.73 -37.66	120.00 6.05 -41.95	137.12 6.45 -52.00	161.23 7.26 -66.44	145.63 8.27 -49.38	126.04 8.23 -30.19	122.09 8.17 -26.12	117.85 7.91 -22.14	114.06 7.63 -18.73	112.55 7.49 -18.94	115.00 8.15 -19.23	132.21 8.55 -35.50	156.55 8.11 -60.17	195.72 15.46 -12.08	191.38 15.68 -5.14	170.36 10.68 -43.57	166.79 12.11 -13.90	142.90 9.06 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57

KENSICO____ 23655	108.80 4.64 -32.74	107.25 4.42 -31.48	103.44 4.49 -27.68	101.19 4.42 -25.50	111.38 4.36 -35.46	114.85 4.68 -38.17	126.76 5.19 -42.90	159.97 6.13 -66.31	143.33 6.77 -48.57	124.58 6.83 -30.13	120.72 6.85 -26.07	116.75 6.85 -22.10	112.97 6.58 -18.69	111.49 6.46 -18.90	113.65 6.83 -19.20	130.64 7.05 -35.43	155.39 7.06 -60.07	193.86 13.62 -12.06	189.34 13.65 -5.13	168.78 9.17 -43.49	165.48 10.56 -14.14	141.60 7.81 -29.61	124.81 6.39 -30.88	122.44 5.75 -29.51
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	107.67 4.78 -31.47	106.31 4.71 -30.26	102.50 4.63 -26.60	100.41 4.63 -24.50	110.29 4.65 -34.08	113.65 4.97 -36.68	126.60 5.66 -42.26	158.50 6.56 -64.40	142.31 6.95 -47.38	123.41 6.83 -28.96	119.53 6.67 -25.05	115.54 6.50 -21.24	111.98 6.31 -17.96	110.32 6.03 -18.17	112.81 6.75 -18.45	129.35 7.14 -34.05	153.58 7.59 -57.73	195.06 14.80 -12.09	190.84 15.01 -5.27	168.91 10.10 -42.69	166.85 11.54 -14.52	141.18 8.54 -28.45	123.96 6.74 -29.68	121.47 5.93 -28.37
KIAC_JFK_GT1 23816	109.08 4.86 -32.81	107.46 4.57 -31.55	103.64 4.63 -27.73	101.38 4.56 -25.55	111.53 4.44 -35.54	115.15 4.90 -38.25	127.32 5.66 -42.99	160.90 6.91 -66.45	144.40 7.74 -48.68	125.69 7.89 -30.19	121.83 7.90 -26.12	117.77 7.81 -22.14	113.97 7.54 -18.73	112.47 7.41 -18.94	114.65 7.80 -19.24	131.78 8.11 -35.50	155.97 7.41 -60.30	196.07 15.81 -12.09	191.57 15.86 -5.14	170.38 10.68 -43.58	166.75 11.12 -14.85	142.81 8.96 -29.67	125.49 7.00 -30.94	122.86 6.10 -29.58
KIAC_JFK_GT2 23817	109.08 4.86 -32.81	107.46 4.57 -31.55	103.64 4.63 -27.73	101.38 4.56 -25.55	111.53 4.44 -35.54	115.15 4.90 -38.25	127.32 5.66 -42.99	160.90 6.91 -66.45	144.40 7.74 -48.68	125.69 7.89 -30.19	121.83 7.90 -26.12	117.77 7.81 -22.14	113.97 7.54 -18.73	112.47 7.41 -18.94	114.65 7.80 -19.24	131.78 8.11 -35.50	155.97 7.41 -60.30	196.07 15.81 -12.09	191.57 15.86 -5.14	170.38 10.68 -43.58	166.75 11.12 -14.85	142.81 8.96 -29.67	125.49 7.00 -30.94	122.86 6.10 -29.58
KIAC_JFK____ 323774	109.09 4.86 -32.81	107.53 4.63 -31.55	103.64 4.63 -27.73	101.39 4.57 -25.55	111.53 4.44 -35.54	115.15 4.90 -38.25	127.33 5.67 -42.99	160.82 6.83 -66.46	144.41 7.74 -48.68	125.70 7.89 -30.20	121.84 7.91 -26.12	117.77 7.81 -22.15	113.98 7.54 -18.73	112.48 7.41 -18.95	114.74 7.89 -19.24	131.95 8.28 -35.51	156.23 7.67 -60.29	196.06 15.80 -12.09	191.39 15.68 -5.14	170.37 10.68 -43.58	166.75 11.12 -14.85	142.81 8.96 -29.67	125.49 7.01 -30.94	123.03 6.28 -29.58
KINTIGH____ 23543	65.41 -8.00 -2.00	64.69 -8.56 -1.91	64.54 -8.41 -1.68	64.12 -8.70 -1.55	66.06 -7.66 -2.16	68.67 -5.69 -2.35	76.36 -5.98 -3.67	83.67 -8.32 -4.46	83.85 -7.65 -3.53	80.11 -9.11 -1.61	81.12 -8.08 -1.39	81.08 -7.90 -1.18	80.63 -8.07 -0.99	78.60 -8.53 -1.01	80.14 -8.50 -1.02	85.33 -6.88 -4.05	89.53 -6.97 -8.25	147.44 -17.49 3.24	145.79 -18.93 5.84	105.07 -12.89 -1.84	119.75 -17.88 3.15	91.61 -13.44 -0.87	80.67 -8.49 -1.62	81.94 -7.32 -2.09
KNTFSRNC_46_KV_46KV_LOAD 80397	70.70 -0.71 0.00	70.70 -0.64 0.00	70.99 -0.29 0.00	71.20 -0.07 0.00	71.56 0.00 0.00	70.99 -1.01 0.00	77.41 -1.26 0.00	86.39 -1.14 0.00	85.96 -2.02 0.00	85.86 -1.75 0.00	85.88 -1.93 0.00	85.88 -1.93 0.00	85.77 -1.93 0.00	84.49 -1.64 0.00	86.13 -1.49 0.00	86.49 -1.68 0.00	87.11 -1.15 0.00	165.99 -2.19 0.00	169.37 -1.19 0.00	115.30 -0.81 0.00	140.36 -0.42 0.00	104.08 -0.10 0.00	87.45 -0.09 0.00	88.22 1.05 0.00
LACHUTE____HYDRO 323717	121.13 8.28 -41.43	119.31 8.13 -39.84	114.41 8.12 -35.02	111.58 8.05 -32.26	125.08 8.65 -44.87	129.37 9.07 -48.29	192.40 10.22 -103.50	214.99 11.46 -116.00	194.27 11.79 -94.50	136.43 10.69 -38.13	131.77 10.97 -32.98	126.66 10.89 -27.96	121.87 10.52 -23.65	120.20 10.16 -23.92	122.24 10.33 -24.29	144.19 11.20 -44.83	176.88 12.62 -76.00	231.29 24.22 -38.90	217.44 24.39 -22.49	229.78 16.13 -97.53	221.80 19.00 -62.01	155.40 13.75 -37.46	137.82 11.21 -39.07	135.33 10.81 -37.35
LAWRNCV_115KV_TB1 80681	71.34 -0.07 0.00	71.41 0.07 0.00	71.49 0.21 0.00	71.56 0.29 0.00	71.34 -0.21 0.00	70.92 -1.08 0.00	77.10 -1.57 0.00	86.04 -1.49 0.00	85.69 -2.29 0.00	85.86 -1.75 0.00	86.23 -1.58 0.00	86.32 -1.49 0.00	86.30 -1.40 0.00	85.00 -1.12 0.00	86.48 -1.14 0.00	86.13 -2.03 0.00	86.14 -2.12 0.00	164.14 -4.04 0.00	166.98 -3.58 0.00	113.79 -2.32 0.00	138.67 -2.11 0.00	102.93 -1.25 0.00	86.67 -0.88 0.00	87.18 0.00 0.00
LEDERLE____ 23769	107.50 4.50 -31.59	106.07 4.35 -30.37	102.32 4.35 -26.70	100.14 4.28 -24.60	110.06 4.29 -34.21	113.36 4.54 -36.82	125.15 5.11 -41.36	157.53 6.04 -63.96	141.51 6.69 -46.85	123.43 6.75 -29.07	119.63 6.67 -25.15	115.80 6.67 -21.32	112.14 6.40 -18.03	110.65 6.29 -18.24	112.79 6.66 -18.52	129.22 6.88 -34.18	153.18 6.97 -57.95	193.25 13.45 -11.63	188.98 13.47 -4.94	167.11 9.06 -41.94	164.82 10.42 -13.62	140.45 7.71 -28.56	123.55 6.22 -29.79	121.23 5.58 -28.47
LIGHTHSE_115KV_TB6 355974	72.44 -1.29 -2.32	72.21 -1.36 -2.23	71.59 -1.64 -1.96	71.51 -1.57 -1.80	72.63 -1.43 -2.51	73.62 -1.08 -2.70	79.57 -1.02 -1.92	90.62 -0.88 -3.97	89.80 -0.88 -2.69	88.43 -1.31 -2.13	88.33 -1.32 -1.84	88.23 -1.14 -1.56	87.80 -1.23 -1.32	86.08 -1.38 -1.34	87.49 -1.49 -1.36	89.88 -0.79 -2.51	92.15 -0.44 -4.33	167.66 -0.84 -0.32	169.88 -0.68 0.00	117.80 -0.46 -2.15	139.23 -1.55 0.00	104.71 -1.56 -2.09	88.32 -1.40 -2.18	88.04 -1.22 -2.09
LINDEN COGEN____ 23786	63.02 4.36 12.75	46.12 4.21 29.43	46.11 4.20 29.37	46.11 4.20 29.37	46.11 4.08 29.52	63.02 4.32 13.30	57.36 4.88 26.19	65.92 5.78 27.39	54.16 6.60 40.42	47.76 6.75 46.60	46.95 6.67 47.53	44.99 6.67 49.49	43.44 6.40 50.66	41.72 6.28 50.69	41.62 6.75 52.74	43.52 7.06 51.70	43.99 6.89 51.16	31.01 13.13 150.29	28.56 12.96 154.96	26.06 8.82 98.88	50.18 10.00 100.60	47.50 7.51 64.19	49.21 5.96 44.29	68.27 5.41 24.31
LINDHRST_69_KV_BK1 356055	118.17 6.57 -40.18	115.33 6.35 -37.64	109.36 6.34 -31.74	110.64 6.34 -33.02	115.58 6.37 -37.66	120.58 6.62 -41.95	138.22 7.55 -52.00	162.28 8.32 -66.43	146.77 9.41 -49.38	126.91 9.11 -30.18	122.97 9.04 -26.11	118.64 8.69 -22.14	114.85 8.42 -18.72	113.41 8.35 -18.94	115.61 8.76 -19.23	132.47 8.82 -35.49	157.06 8.74 -60.06	197.24 16.99 -12.09	193.10 17.40 -5.14	171.53 11.84 -43.57	167.11 13.23 -13.09	143.74 9.90 -29.66	130.70 8.84 -34.32	124.85 8.11 -29.57
LIPA_MISC_IPP 23656	117.95 6.36 -40.18	115.19 6.21 -37.64	109.14 6.13 -31.74	110.78 6.49 -33.02	115.73 6.51 -37.66	120.65 6.70 -41.95	138.38 7.71 -52.00	162.45 8.49 -66.43	147.04 9.68 -49.38	125.95 8.15 -30.18	122.18 8.25 -26.11	117.67 7.73 -22.14	113.62 7.19 -18.72	112.21 7.15 -18.94	114.65 7.80 -19.23	130.80 7.14 -35.49	156.23 7.94 -60.03	195.90 15.64 -12.09	191.74 16.03 -5.14	170.60 10.91 -43.57	165.82 11.97 -13.07	142.59 8.75 -29.66	129.91 8.05 -34.32	123.98 7.24 -29.57
LISF____SOLAR 323691	118.16 6.57 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	110.85 6.55 -33.02	115.87 6.66 -37.66	121.08 7.13 -41.95	138.61 7.94 -52.00	162.55 8.58 -66.44	147.21 9.85 -49.38	126.04 8.23 -30.19	122.27 8.35 -26.12	117.85 7.91 -22.14	113.80 7.37 -18.73	112.38 7.32 -18.94	115.08 8.23 -19.23	132.47 8.82 -35.50	156.40 8.11 -60.03	196.06 15.80 -12.08	191.73 16.03 -5.14	170.83 11.15 -43.57	165.96 12.11 -13.07	142.80 8.96 -29.66	130.08 8.23 -34.32	124.42 7.67 -29.57

LITTLE FALLS___HYD 24013	72.98 1.57 0.00	72.91 1.57 0.00	72.70 1.43 0.00	72.77 1.50 0.00	73.20 1.65 0.00	73.80 1.80 0.00	82.92 4.25 0.00	92.43 4.90 0.00	93.00 5.01 0.00	92.61 4.99 0.00	92.81 5.01 0.00	92.81 5.01 0.00	92.61 4.91 0.00	90.77 4.65 0.00	92.44 4.82 0.00	93.01 4.85 0.00	94.17 5.91 0.00	181.29 13.12 0.00	185.23 14.67 0.00	126.68 10.57 0.00	153.45 12.67 0.00	113.87 9.69 0.00	96.29 8.75 0.00	95.55 8.37 0.00
LITTLRIV_115KV_TB1 356100	72.13 0.71 0.00	72.27 0.93 0.00	72.27 1.00 0.00	72.41 1.14 0.00	72.20 0.64 0.00	71.78 -0.22 0.00	78.04 -0.63 0.00	87.27 -0.26 0.00	86.75 -1.23 0.00	86.83 -0.79 0.00	87.11 -0.70 0.00	87.19 -0.61 0.00	87.18 -0.53 0.00	85.86 -0.26 0.00	87.44 -0.18 0.00	87.19 -0.97 0.00	87.29 -0.97 0.00	166.66 -1.51 0.00	169.54 -1.02 0.00	115.53 -0.58 0.00	140.50 -0.28 0.00	104.39 0.21 0.00	87.72 0.18 0.00	88.14 0.96 0.00
LI_NEWBRDGE___DRP 323616	117.02 5.43 -40.18	114.19 5.21 -37.64	108.29 5.27 -31.74	109.50 5.20 -33.02	114.37 5.15 -37.66	119.42 5.47 -41.95	136.81 6.14 -52.00	160.79 6.83 -66.43	145.19 7.83 -49.38	125.51 7.71 -30.18	121.56 7.64 -26.11	117.32 7.38 -22.14	113.62 7.19 -18.72	112.12 7.06 -18.94	114.38 7.54 -19.23	131.33 7.67 -35.49	155.76 7.50 -60.00	194.72 14.46 -12.09	190.37 14.67 -5.14	169.67 9.99 -43.57	164.98 11.26 -12.93	142.28 8.44 -29.66	129.21 7.35 -34.32	123.37 6.63 -29.57
LOCKPORT_115KV_TB60_63_64 80432	64.63 -8.71 -1.93	64.01 -9.20 -1.87	63.86 -9.05 -1.64	63.44 -9.34 -1.50	65.20 -8.44 -2.09	67.51 -6.77 -2.28	74.37 -8.10 -3.81	81.81 -10.15 -4.43	81.95 -9.59 -3.56	78.90 -10.25 -1.53	79.82 -9.31 -1.32	79.26 -9.66 -1.11	78.82 -9.82 -0.94	76.74 -10.33 -0.95	78.15 -10.43 -0.96	83.32 -9.17 -4.32	87.94 -9.27 -8.95	155.56 -20.85 -8.24	159.21 -22.00 -10.64	106.80 -15.09 -5.78	130.44 -20.27 -9.93	91.20 -15.42 -2.44	79.28 -9.80 -1.54	79.59 -9.68 -2.09
LOCKPORT___CC1 323769	64.19 -9.14 -1.92	63.55 -9.56 -1.77	63.36 -9.48 -1.57	63.04 -9.69 -1.46	64.83 -8.80 -2.08	67.07 -7.20 -2.27	74.14 -8.34 -3.81	81.76 -10.24 -4.47	81.72 -9.85 -3.59	78.40 -10.69 -1.48	79.36 -9.75 -1.30	78.91 -10.01 -1.12	78.47 -10.17 -0.94	76.39 -10.68 -0.95	77.81 -10.78 -0.97	83.02 -9.52 -4.38	87.61 -9.62 -8.97	99.85 -21.19 47.13	78.78 -22.68 69.10	82.89 -15.56 17.67	67.28 -20.83 52.67	82.89 -15.63 5.66	78.68 -10.33 -1.47	79.24 -10.02 -2.09
LOCKPORT___CC2 323770	64.19 -9.14 -1.92	63.55 -9.56 -1.77	63.36 -9.48 -1.57	63.04 -9.69 -1.46	64.83 -8.80 -2.08	67.07 -7.20 -2.27	74.14 -8.34 -3.81	81.76 -10.24 -4.47	81.72 -9.85 -3.59	78.40 -10.69 -1.48	79.36 -9.75 -1.30	78.91 -10.01 -1.12	78.47 -10.17 -0.94	76.39 -10.68 -0.95	77.81 -10.78 -0.97	83.02 -9.52 -4.38	87.61 -9.62 -8.97	99.85 -21.19 47.13	78.78 -22.68 69.10	82.89 -15.56 17.67	67.28 -20.83 52.67	82.89 -15.63 5.66	78.68 -10.33 -1.47	79.24 -10.02 -2.09
LOCKPORT___CC3 323771	64.19 -9.14 -1.92	63.55 -9.56 -1.77	63.36 -9.48 -1.57	63.04 -9.69 -1.46	64.83 -8.80 -2.08	67.07 -7.20 -2.27	74.14 -8.34 -3.81	81.76 -10.24 -4.47	81.72 -9.85 -3.59	78.40 -10.69 -1.48	79.36 -9.75 -1.30	78.91 -10.01 -1.12	78.47 -10.17 -0.94	76.39 -10.68 -0.95	77.81 -10.78 -0.97	83.02 -9.52 -4.38	87.61 -9.62 -8.97	99.85 -21.19 47.13	78.78 -22.68 69.10	82.89 -15.56 17.67	67.28 -20.83 52.67	82.89 -15.63 5.66	78.68 -10.33 -1.47	79.24 -10.02 -2.09
LONG_LAKE_PHOENIX 24014	71.94 -2.07 -2.60	71.63 -2.21 -2.50	71.12 -2.35 -2.20	70.94 -2.35 -2.02	72.30 -2.08 -2.82	73.30 -1.73 -3.03	79.17 -1.65 -2.15	90.06 -1.93 -4.46	89.25 -1.76 -3.02	87.91 -2.10 -2.39	87.95 -1.93 -2.07	87.54 -2.02 -1.75	87.17 -2.02 -1.48	85.47 -2.15 -1.50	86.95 -2.19 -1.52	89.30 -1.68 -2.81	91.60 -1.50 -4.84	165.17 -3.36 -0.36	167.15 -3.41 0.00	116.20 -2.32 -2.41	137.26 -3.52 0.00	103.62 -2.92 -2.35	87.72 -2.28 -2.45	87.17 -2.35 -2.34
LOVETT___3 23632	107.27 4.14 -31.71	105.83 4.00 -30.49	102.07 3.99 -26.80	99.95 3.99 -24.69	109.83 3.94 -34.34	113.21 4.25 -36.96	124.92 4.72 -41.52	157.34 5.60 -64.21	141.17 6.16 -47.03	123.02 6.22 -29.18	119.29 6.23 -25.24	115.44 6.23 -21.40	111.77 5.96 -18.10	110.29 5.86 -18.31	112.43 6.22 -18.59	128.91 6.44 -34.31	152.88 6.44 -58.18	192.29 12.44 -11.67	187.98 12.45 -4.96	166.70 8.48 -42.10	164.17 9.71 -13.68	140.04 7.19 -28.67	123.22 5.78 -29.91	120.99 5.23 -28.58
LOVETT___4 23642	107.27 4.14 -31.71	105.83 4.00 -30.49	102.07 3.99 -26.80	99.95 3.99 -24.69	109.83 3.94 -34.34	113.21 4.25 -36.96	124.92 4.72 -41.52	157.34 5.60 -64.21	141.17 6.16 -47.03	123.02 6.22 -29.18	119.29 6.23 -25.24	115.44 6.23 -21.40	111.77 5.96 -18.10	110.29 5.86 -18.31	112.43 6.22 -18.59	128.91 6.44 -34.31	152.88 6.44 -58.18	192.29 12.44 -11.67	187.98 12.45 -4.96	166.70 8.48 -42.10	164.17 9.71 -13.68	140.04 7.19 -28.67	123.22 5.78 -29.91	120.99 5.23 -28.58
LOVETT___5 23593	107.27 4.14 -31.71	105.83 4.00 -30.49	102.07 3.99 -26.80	99.95 3.99 -24.69	109.83 3.94 -34.34	113.21 4.25 -36.96	124.92 4.72 -41.52	157.34 5.60 -64.21	141.17 6.16 -47.03	123.02 6.22 -29.18	119.29 6.23 -25.24	115.44 6.23 -21.40	111.77 5.96 -18.10	110.29 5.86 -18.31	112.43 6.22 -18.59	128.91 6.44 -34.31	152.88 6.44 -58.18	192.29 12.44 -11.67	187.98 12.45 -4.96	166.70 8.48 -42.10	164.17 9.71 -13.68	140.04 7.19 -28.67	123.22 5.78 -29.91	120.99 5.23 -28.58
LOWER RAQUET___HYD 24057	71.34 -0.07 0.00	71.41 0.07 0.00	71.41 0.14 0.00	71.56 0.29 0.00	71.34 -0.21 0.00	70.78 -1.22 0.00	76.94 -1.73 0.00	85.86 -1.67 0.00	85.52 -2.46 0.00	85.69 -1.93 0.00	86.23 -1.58 0.00	86.23 -1.58 0.00	86.30 -1.41 0.00	84.92 -1.21 0.00	86.39 -1.23 0.00	85.96 -2.20 0.00	86.14 -2.12 0.00	163.97 -4.20 0.00	167.16 -3.41 0.00	113.79 -2.32 0.00	138.53 -2.26 0.00	102.94 -1.25 0.00	86.67 -0.88 0.00	87.18 0.00 0.00
LOWER___HUDSON 24059	115.98 3.93 -40.64	114.27 3.85 -39.08	109.47 3.85 -34.35	106.76 3.85 -31.65	119.58 4.00 -44.02	123.55 4.17 -47.38	176.49 4.64 -93.18	200.95 5.07 -108.35	180.36 5.28 -87.10	130.10 5.08 -37.40	125.34 5.18 -32.36	120.42 5.18 -27.43	116.16 5.26 -23.20	114.67 5.08 -23.47	116.53 5.08 -23.83	137.34 5.20 -43.98	168.29 5.47 -74.55	212.58 10.26 -34.15	200.14 10.23 -19.35	211.66 7.08 -88.46	202.58 8.45 -53.35	147.18 6.25 -36.75	131.21 5.34 -38.33	128.87 5.05 -36.64
LOWVILLE_115KV_TB2 356335	73.04 0.50 -1.13	73.07 0.64 -1.08	72.65 0.43 -0.95	72.72 0.57 -0.88	73.42 0.64 -1.22	74.18 0.86 -1.31	80.55 0.94 -0.93	91.47 2.01 -1.93	90.96 1.67 -1.31	89.97 1.31 -1.04	89.85 1.14 -0.90	89.89 1.32 -0.76	89.57 1.23 -0.64	87.89 1.12 -0.65	89.42 1.14 -0.66	91.06 1.68 -1.22	93.28 2.82 -2.19	174.56 6.22 -0.16	177.22 6.65 0.00	122.08 4.88 -1.09	145.57 4.79 0.00	107.49 2.29 -1.02	89.83 1.23 -1.06	90.28 2.09 -1.02
LUTHERFT_115KV_GLOB_FND_222 355753	117.50 4.71 -41.37	115.76 4.64 -39.78	110.87 4.63 -34.97	108.05 4.56 -32.21	121.16 4.79 -44.81	125.27 5.04 -48.23	187.06 5.59 -102.81	209.22 6.21 -115.47	188.40 6.42 -93.99	131.64 5.96 -38.07	126.80 6.06 -32.94	121.70 5.97 -27.92	117.28 5.96 -23.61	115.69 5.68 -23.89	117.74 5.87 -24.25	139.19 6.26 -44.76	170.77 6.62 -75.90	219.70 12.95 -38.58	205.81 12.96 -22.28	221.86 8.82 -96.92	212.64 10.42 -61.43	149.20 7.61 -37.41	132.95 6.39 -39.02	130.48 6.02 -37.29

LUTHERNY_35_KV_BK2 355980	117.57 4.78 -41.37	115.76 4.64 -39.78	110.87 4.63 -34.97	108.12 4.63 -32.21	121.23 4.87 -44.81	125.27 5.04 -48.23	187.14 5.66 -102.81	209.30 6.30 -115.47	188.48 6.51 -93.99	131.73 6.05 -38.07	126.80 6.06 -32.94	121.79 6.06 -27.92	117.28 5.96 -23.61	115.78 5.77 -23.89	117.74 5.87 -24.25	139.27 6.35 -44.76	170.86 6.71 -75.90	219.87 13.12 -38.58	205.98 13.13 -22.28	221.97 8.94 -96.92	212.78 10.56 -61.43	149.30 7.71 -37.41	132.95 6.39 -39.02	130.57 6.10 -37.29
LWR___OSWEGATCHIE_HYD 23850	72.25 0.00 -0.84	72.29 0.14 -0.81	71.98 0.00 -0.71	72.07 0.14 -0.65	72.39 -0.07 -0.91	72.54 -0.43 -0.98	78.66 -0.71 -0.69	88.88 -0.09 -1.44	88.25 -0.70 -0.97	87.77 -0.61 -0.77	87.86 -0.61 -0.67	87.93 -0.44 -0.57	87.74 -0.44 -0.48	86.26 -0.34 -0.48	87.76 -0.35 -0.49	88.54 -0.53 -0.91	89.86 0.00 -1.61	168.63 0.34 -0.12	171.42 0.85 0.00	117.73 0.81 -0.80	141.35 0.56 0.00	105.04 0.10 -0.76	88.16 -0.18 -0.79	88.54 0.61 -0.75
LYONS_FALL_HYD 23570	73.47 1.00 -1.06	73.43 1.07 -1.02	73.02 0.86 -0.89	73.09 1.00 -0.82	73.84 1.14 -1.14	74.60 1.36 -1.23	81.12 1.57 -0.87	92.10 2.62 -1.95	91.76 2.46 -1.32	90.76 2.10 -1.05	90.74 2.02 -0.91	90.68 2.10 -0.77	90.37 2.02 -0.65	88.67 1.89 -0.66	90.21 1.93 -0.67	91.86 2.47 -1.23	93.28 3.09 -1.94	174.71 6.39 -0.14	177.39 6.83 0.00	121.84 4.76 -0.96	145.71 4.92 0.00	107.95 2.81 -0.95	90.29 1.75 -1.00	90.39 2.26 -0.95
MADISON___COUNTY_LFGE 323628	74.78 1.50 -1.87	74.71 1.57 -1.80	74.21 1.35 -1.58	74.22 1.50 -1.46	75.30 1.72 -2.02	76.27 2.09 -2.18	82.74 2.52 -1.55	96.25 4.29 -4.43	95.30 4.31 -3.01	93.86 3.86 -2.38	93.65 3.78 -2.06	93.42 3.86 -1.75	92.95 3.77 -1.48	91.15 3.53 -1.50	92.73 3.59 -1.52	94.71 4.32 -2.23	95.71 3.44 -4.02	175.20 6.73 -0.30	177.39 6.82 0.00	122.76 4.64 -2.00	145.57 4.79 0.00	109.10 3.23 -1.69	91.75 2.45 -1.76	91.13 2.27 -1.69
MALONE___115KV_TB1 356076	71.20 -0.21 0.00	71.27 -0.07 0.00	71.41 0.14 0.00	71.63 0.36 0.00	71.77 0.21 0.00	71.42 -0.58 0.00	77.96 -0.71 0.00	86.92 -0.61 0.00	86.40 -1.58 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.58 -1.23 0.00	86.56 -1.14 0.00	85.26 -0.86 0.00	86.92 -0.70 0.00	87.02 -1.15 0.00	87.46 -0.79 0.00	166.32 -1.85 0.00	169.71 -0.85 0.00	115.53 -0.58 0.00	140.64 -0.14 0.00	104.39 0.21 0.00	87.80 0.26 0.00	88.22 1.05 0.00
MAPLEWOD_115KV_TB3 80458	115.18 3.36 -40.41	113.48 3.28 -38.86	108.71 3.28 -34.16	106.02 3.28 -31.47	118.76 3.43 -43.77	122.63 3.53 -47.11	166.55 3.78 -84.11	193.80 4.11 -102.16	173.24 4.40 -80.86	129.27 4.47 -37.18	124.63 4.65 -32.17	119.82 4.74 -27.27	115.59 4.82 -23.07	114.10 4.65 -23.33	115.78 4.47 -23.69	136.38 4.50 -43.72	166.81 4.41 -74.13	206.26 8.24 -29.85	195.38 8.36 -16.46	202.39 5.69 -80.58	192.93 6.76 -45.39	145.62 4.90 -36.54	130.03 4.38 -38.11	127.87 4.27 -36.43
MAPLE_RIDGE_WT_1 323574	69.70 -1.71 0.00	69.63 -1.71 0.00	69.70 -1.57 0.00	69.77 -1.50 0.00	70.13 -1.43 0.00	70.63 -1.37 0.00	77.17 -1.50 0.00	85.86 -1.67 0.00	86.31 -1.67 0.00	86.21 -1.41 0.00	86.49 -1.31 0.00	86.49 -1.31 0.00	86.39 -1.31 0.00	84.83 -1.29 0.00	86.30 -1.31 0.00	86.66 -1.50 0.00	86.94 -1.32 0.00	165.82 -2.35 0.00	168.53 -2.04 0.00	114.84 -1.27 0.00	139.65 -1.13 0.00	103.35 -0.84 0.00	86.58 -0.96 0.00	86.04 -1.14 0.00
MAPLE_RIDGE_WT_2 323611	69.70 -1.71 0.00	69.63 -1.71 0.00	69.70 -1.57 0.00	69.77 -1.50 0.00	70.13 -1.43 0.00	70.63 -1.37 0.00	77.17 -1.50 0.00	85.86 -1.67 0.00	86.31 -1.67 0.00	86.21 -1.41 0.00	86.49 -1.31 0.00	86.49 -1.31 0.00	86.39 -1.31 0.00	84.83 -1.29 0.00	86.30 -1.31 0.00	86.66 -1.50 0.00	86.94 -1.32 0.00	165.82 -2.35 0.00	168.53 -2.04 0.00	114.84 -1.27 0.00	139.65 -1.13 0.00	103.35 -0.84 0.00	86.58 -0.96 0.00	86.04 -1.14 0.00
MARBLE_RIVER_WT_PWR 323696	69.77 -1.64 0.00	69.77 -1.57 0.00	69.99 -1.28 0.00	70.27 -1.00 0.00	70.48 -1.07 0.00	70.13 -1.87 0.00	76.39 -2.28 0.00	85.08 -2.45 0.00	84.90 -3.08 0.00	84.90 -2.72 0.00	84.91 -2.90 0.00	84.82 -2.99 0.00	84.81 -2.89 0.00	83.54 -2.58 0.00	85.07 -2.54 0.00	85.26 -2.91 0.00	85.79 -2.47 0.00	163.80 -4.37 0.00	167.16 -3.41 0.00	113.79 -2.32 0.00	138.68 -2.11 0.00	102.83 -1.36 0.00	86.40 -1.14 0.00	86.92 -0.26 0.00
MARSHVLE_115KV_TB1 80742	121.75 3.93 -46.41	119.82 3.85 -44.62	114.34 3.85 -39.22	111.25 3.85 -36.13	126.04 4.22 -50.26	130.70 4.61 -54.09	186.02 5.43 -101.92	214.56 6.21 -120.82	190.43 5.98 -96.47	134.96 4.64 -42.70	128.97 4.21 -36.94	122.64 3.51 -31.32	117.35 3.16 -26.49	115.93 3.01 -26.79	118.42 3.59 -27.21	142.78 4.41 -50.21	179.48 6.09 -85.14	218.30 13.29 -36.84	204.68 13.47 -20.64	222.32 9.06 -97.15	207.97 10.28 -56.91	153.33 7.19 -41.96	137.17 5.87 -43.76	134.24 5.23 -41.83
MARSH_HILL_WT_PWR 323713	63.02 -6.79 1.61	62.86 -6.92 1.57	62.77 -7.13 1.38	62.94 -7.06 1.27	63.30 -6.51 1.74	64.45 -5.76 1.79	72.93 -5.98 -0.24	76.72 -6.92 3.89	79.29 -6.86 1.83	76.25 -7.97 3.39	77.32 -7.55 2.94	77.41 -7.90 2.49	78.31 -7.28 2.12	77.01 -6.97 2.14	79.13 -6.31 2.17	88.00 -4.59 -4.42	97.65 -3.26 -12.66	151.28 -6.05 10.85	147.91 -6.48 16.17	149.55 -4.29 -37.73	123.72 -6.61 10.45	93.30 -5.42 5.46	78.96 -4.81 3.76	80.43 -5.23 1.52
MCINTYRE_115KV_TB2 80467	72.56 1.14 0.00	72.77 1.43 0.00	72.70 1.43 0.00	72.84 1.57 0.00	72.70 1.14 0.00	72.29 0.29 0.00	78.67 0.00 0.00	88.06 0.53 0.00	87.45 -0.53 0.00	87.44 -0.18 0.00	87.46 -0.35 0.00	87.54 -0.26 0.00	87.53 -0.18 0.00	86.21 0.09 0.00	87.79 0.18 0.00	87.72 -0.44 0.00	87.82 -0.44 0.00	167.67 -0.50 0.00	170.57 0.00 0.00	116.23 0.12 0.00	141.49 0.70 0.00	105.12 0.94 0.00	88.15 0.61 0.00	88.40 1.22 0.00
MECO_____69_KV_BK1 80468	121.73 5.64 -44.67	119.79 5.49 -42.95	114.52 5.49 -37.76	111.54 5.49 -34.79	125.88 5.94 -48.38	130.41 6.34 -52.07	190.68 7.24 -104.77	216.30 8.14 -120.63	193.31 8.01 -97.32	135.38 6.66 -41.11	129.78 6.41 -35.56	123.93 5.97 -30.15	118.90 5.70 -25.50	117.34 5.43 -25.79	119.68 5.87 -26.19	143.29 6.79 -48.34	178.42 8.21 -81.95	223.99 17.15 -38.66	210.16 17.57 -22.03	227.22 11.84 -99.26	215.18 13.66 -60.74	154.37 9.79 -40.39	137.64 7.97 -42.13	134.77 7.32 -40.27
MENANDS___115KV_TB5 355628	114.81 3.07 -40.32	113.18 3.07 -38.77	108.34 2.99 -34.08	105.73 3.06 -31.40	118.37 3.15 -43.67	122.24 3.24 -47.00	164.19 3.38 -82.14	191.97 3.68 -100.77	171.43 3.96 -79.49	128.75 4.03 -37.10	124.21 4.30 -32.10	119.41 4.39 -27.21	115.19 4.47 -23.01	113.79 4.39 -23.28	115.37 4.12 -23.64	135.76 3.97 -43.63	166.02 3.80 -73.97	204.17 7.06 -28.93	193.57 7.16 -15.84	199.86 4.88 -78.87	190.25 5.77 -43.69	144.81 4.17 -36.46	129.42 3.85 -38.02	127.44 3.92 -36.34
MG INDUSTRY___DRP 24185	113.52 2.71 -39.39	111.93 2.71 -37.88	107.28 2.71 -33.30	104.65 2.71 -30.67	117.01 2.79 -42.66	120.80 2.88 -45.92	144.80 2.91 -63.22	177.94 3.06 -87.35	157.47 3.26 -66.23	127.02 3.15 -36.25	122.42 3.25 -31.36	117.73 3.34 -26.58	113.52 3.33 -22.48	112.14 3.27 -22.74	113.69 2.98 -23.09	133.87 3.09 -42.62	163.61 3.09 -72.27	193.98 5.72 -20.09	186.31 5.80 -9.94	182.41 3.95 -62.35	172.85 4.65 -27.42	143.24 3.44 -35.62	127.93 3.24 -37.15	126.08 3.40 -35.51

MID___OSWEGATCHIE_HYD 23849	72.25 0.00 -0.84	72.29 0.14 -0.81	71.98 0.00 -0.71	72.07 0.14 -0.65	72.39 -0.07 -0.91	72.54 -0.43 -0.98	78.66 -0.71 -0.69	88.88 -0.09 -1.44	88.25 -0.70 -0.97	87.77 -0.61 -0.77	87.86 -0.61 -0.67	87.93 -0.44 -0.57	87.74 -0.44 -0.48	86.26 -0.34 -0.48	87.76 -0.35 -0.49	88.54 -0.53 -0.91	89.86 0.00 -1.61	168.63 0.34 -0.12	171.42 0.85 0.00	117.73 0.81 -0.80	141.35 0.56 0.00	105.04 0.10 -0.76	88.16 -0.18 -0.79	88.54 0.61 -0.75
MID___RAQUETTE_HYD 23851	71.34 -0.07 0.00	71.41 0.07 0.00	71.41 0.14 0.00	71.56 0.29 0.00	71.34 -0.21 0.00	70.78 -1.22 0.00	76.94 -1.73 0.00	85.95 -1.58 0.00	85.52 -2.46 0.00	85.69 -1.93 0.00	86.23 -1.58 0.00	86.23 -1.58 0.00	86.21 -1.49 0.00	84.92 -1.21 0.00	86.39 -1.23 0.00	86.05 -2.12 0.00	86.05 -2.21 0.00	163.97 -4.20 0.00	166.98 -3.58 0.00	113.79 -2.32 0.00	138.53 -2.25 0.00	102.93 -1.25 0.00	86.67 -0.88 0.00	87.18 0.00 0.00
MILLIKEN___1 23584	88.60 0.07 -17.12	87.82 0.00 -16.48	85.54 -0.21 -14.49	84.48 -0.14 -13.35	90.30 0.21 -18.53	92.34 0.50 -19.83	98.49 0.94 -18.88	122.60 1.31 -33.76	113.13 1.41 -23.74	105.50 0.96 -16.92	103.41 0.97 -14.64	101.01 0.79 -12.41	98.91 0.70 -10.51	97.27 0.52 -10.63	99.02 0.61 -10.79	100.02 1.32 -10.54	102.08 1.68 -12.15	188.97 3.20 -17.60	194.36 3.41 -20.39	129.44 2.32 -11.00	160.93 1.83 -18.32	123.98 1.04 -18.76	105.67 0.70 -17.43	101.87 0.35 -14.35
MILLIKEN___2 23585	88.60 0.07 -17.12	87.82 0.00 -16.48	85.54 -0.21 -14.49	84.48 -0.14 -13.35	90.30 0.21 -18.53	92.34 0.50 -19.83	98.49 0.94 -18.88	122.60 1.31 -33.76	113.13 1.41 -23.74	105.50 0.96 -16.92	103.41 0.97 -14.64	101.01 0.79 -12.41	98.91 0.70 -10.51	97.27 0.52 -10.63	99.02 0.61 -10.79	100.02 1.32 -10.54	102.08 1.68 -12.15	188.97 3.20 -17.60	194.36 3.41 -20.39	129.44 2.32 -11.00	160.93 1.83 -18.32	123.98 1.04 -18.76	105.67 0.70 -17.43	101.87 0.35 -14.35
MILLIKEN___DIESEL 23629	88.60 0.07 -17.12	87.82 0.00 -16.48	85.54 -0.21 -14.49	84.48 -0.14 -13.35	90.30 0.21 -18.53	92.34 0.50 -19.83	98.49 0.94 -18.88	122.60 1.31 -33.76	113.13 1.41 -23.74	105.50 0.96 -16.92	103.41 0.97 -14.64	101.01 0.79 -12.41	98.91 0.70 -10.51	97.27 0.52 -10.63	99.02 0.61 -10.79	100.02 1.32 -10.54	102.08 1.68 -12.15	188.97 3.20 -17.60	194.36 3.41 -20.39	129.44 2.32 -11.00	160.93 1.83 -18.32	123.98 1.04 -18.76	105.67 0.70 -17.43	101.87 0.35 -14.35
MILLSEAT___LFGE 323607	66.37 -7.00 -1.95	65.73 -7.49 -1.88	65.58 -7.34 -1.65	65.16 -7.62 -1.52	67.01 -6.65 -2.11	69.26 -5.04 -2.30	76.75 -5.67 -3.75	84.92 -6.77 -4.48	84.78 -7.71 -3.57	81.48 -6.85 -1.58	82.32 -7.20 -1.36	81.76 -7.37 -1.15	81.31 -7.84 -0.97	79.27 -7.97 -0.98	80.64 -6.52 -1.00	85.88 -6.52 -4.24	90.53 -14.80 -8.63	160.16 -16.04 -6.78	163.10 -11.26 -8.57	110.51 -15.76 -5.65	133.27 -12.08 -8.25	94.36 -7.53 -2.26	81.58 -7.32 -1.57	81.94 -2.09
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	108.53 4.50 -32.62	107.06 4.35 -31.36	103.19 4.35 -27.57	101.02 4.35 -25.40	111.17 4.29 -35.32	114.56 4.54 -38.02	126.52 5.11 -42.73	159.54 5.95 -66.06	142.97 6.60 -48.39	124.29 6.66 -30.01	120.45 6.67 -25.97	116.49 6.67 -22.01	112.72 6.40 -18.62	111.24 6.29 -18.83	113.40 6.66 -19.12	130.33 6.88 -35.29	154.98 6.88 -59.84	193.48 13.29 -12.02	188.98 13.30 -5.11	168.38 8.94 -43.33	165.29 10.42 -14.09	141.38 7.71 -29.49	124.52 6.22 -30.76	122.16 5.58 -29.40
MILLWOOD_13_KV_LOAD 356217	108.67 4.64 -32.62	107.20 4.49 -31.36	103.33 4.49 -27.57	101.16 4.49 -25.40	111.32 4.44 -35.32	114.70 4.68 -38.02	126.75 5.35 -42.73	159.80 6.21 -66.06	143.23 6.86 -48.39	124.64 7.01 -30.01	120.80 7.02 -25.97	116.76 6.94 -22.01	112.99 6.67 -18.62	111.50 6.55 -18.83	113.66 6.92 -19.12	130.59 7.14 -35.29	155.33 7.24 -59.84	193.98 13.79 -12.02	189.49 13.82 -5.11	168.85 9.41 -43.33	165.71 10.84 -14.09	141.70 8.02 -29.49	124.78 6.48 -30.76	122.42 5.84 -29.40
MODEL_CITY_ENERGY 24167	64.27 -9.07 -1.93	63.64 -9.56 -1.86	63.49 -9.41 -1.63	63.08 -9.69 -1.50	64.91 -8.73 -2.09	67.23 -7.05 -2.28	73.79 -8.74 -3.86	81.36 -10.68 -4.51	81.31 -10.29 -3.62	78.29 -10.87 -1.54	79.31 -9.83 -1.33	78.48 -10.45 -1.13	78.04 -10.62 -0.95	75.97 -11.11 -0.96	77.38 -11.22 -0.98	82.62 -9.96 -4.42	87.27 -10.06 -9.07	149.35 -22.37 -3.54	150.55 -23.88 -3.86	103.38 -16.37 -3.63	123.60 -21.82 -4.64	89.68 -16.25 -1.75	78.83 -10.24 -1.53	79.00 -10.29 -2.11
MODERN_LFGE___ 323580	64.27 -9.07 -1.93	63.64 -9.56 -1.86	63.49 -9.41 -1.63	63.08 -9.69 -1.50	64.91 -8.73 -2.09	67.23 -7.05 -2.28	73.79 -8.74 -3.86	81.36 -10.68 -4.51	81.31 -10.29 -3.62	78.29 -10.87 -1.54	79.31 -9.83 -1.33	78.48 -10.45 -1.13	78.04 -10.62 -0.95	75.97 -11.11 -0.96	77.38 -11.22 -0.98	82.62 -9.96 -4.42	87.27 -10.06 -9.07	149.35 -22.37 -3.54	150.55 -23.88 -3.86	103.38 -16.37 -3.63	123.60 -21.82 -4.64	89.68 -16.25 -1.75	78.83 -10.24 -1.53	79.00 -10.29 -2.11
MOHAWK_PAPER___DRP 24187	115.18 3.36 -40.41	113.48 3.28 -38.86	108.71 3.28 -34.16	106.02 3.28 -31.47	118.76 3.43 -43.77	122.63 3.53 -47.11	166.55 3.78 -84.11	193.80 4.11 -102.16	173.24 4.40 -80.86	129.27 4.47 -37.18	124.63 4.65 -32.17	119.82 4.74 -27.27	115.59 4.82 -23.07	114.10 4.65 -23.33	115.78 4.47 -23.69	136.38 4.50 -43.72	166.81 4.41 -74.13	206.26 8.24 -29.85	195.38 8.36 -16.46	202.39 5.69 -80.58	192.93 6.76 -45.39	145.62 4.90 -36.54	130.03 4.38 -38.11	127.87 4.27 -36.43
MOHICAN___35_KV_115KV_LD 80490	118.80 6.00 -41.39	116.99 5.85 -39.79	112.10 5.84 -34.98	109.27 5.77 -32.23	122.53 6.15 -44.82	126.65 6.41 -48.24	188.90 7.24 -102.99	211.28 8.14 -115.61	190.46 8.36 -94.12	133.32 7.62 -38.08	128.48 7.73 -32.95	123.38 7.64 -27.93	118.87 7.54 -23.62	117.25 7.23 -23.89	119.24 7.36 -24.26	140.88 7.93 -44.78	172.74 8.56 -75.93	223.65 16.82 -38.66	209.78 16.89 -22.33	224.57 11.38 -97.08	215.74 13.37 -61.59	151.40 9.79 -37.42	134.63 8.05 -39.03	132.15 7.67 -37.31
MONGAUP___HYD 23641	105.25 3.85 -29.99	103.95 3.78 -28.83	100.32 3.70 -25.34	98.25 3.63 -23.35	107.68 3.65 -32.47	110.91 3.96 -34.95	121.85 3.93 -39.25	152.79 4.55 -60.71	137.28 4.84 -44.46	120.65 5.43 -27.59	116.86 5.18 -23.87	113.14 5.09 -20.24	109.73 4.91 -17.12	108.17 4.73 -17.31	110.54 5.35 -17.58	125.72 5.11 -32.45	148.74 5.47 -55.00	190.13 10.92 -11.03	186.18 10.93 -4.69	163.23 7.32 -39.80	162.01 8.30 -12.92	137.44 6.15 -27.11	121.34 5.52 -28.28	119.17 4.97 -27.03
MONTAUK___DIESEL 23721	119.81 8.21 -40.18	117.04 8.06 -37.64	110.99 7.98 -31.74	112.71 8.41 -33.02	117.73 8.52 -37.66	122.66 8.71 -41.95	140.82 10.15 -52.00	165.43 11.47 -66.43	149.85 12.49 -49.38	128.31 10.51 -30.18	124.63 10.71 -26.11	119.96 10.01 -22.14	115.90 9.47 -18.72	114.36 9.30 -18.94	116.84 9.99 -19.23	133.09 9.43 -35.49	159.06 10.77 -60.03	201.95 21.69 -12.09	198.05 22.34 -5.14	174.78 15.09 -43.57	170.46 16.61 -13.07	145.82 11.98 -29.66	132.36 10.50 -34.32	126.51 9.76 -29.57
MOONROAD_115KV_HARTFLD_TB1-2 355988	65.80 -7.36 -1.74	65.88 -7.13 -1.67	65.33 -7.41 -1.47	65.14 -7.48 -1.35	66.29 -7.16 -1.89	67.74 -6.34 -2.08	76.56 -6.37 -4.26	85.43 -6.74 -4.64	85.88 -5.89 -3.79	83.14 -5.96 -1.48	83.73 -5.36 -1.28	84.06 -4.83 -1.08	83.79 -4.82 -0.91	81.88 -5.17 -0.92	83.03 -5.52 -0.94	88.06 -5.03 -4.92	93.85 -4.77 -10.36	155.65 -9.59 2.93	154.38 -10.58 5.61	108.95 -7.66 -0.49	127.26 -10.98 2.54	96.09 -8.86 -0.76	81.62 -7.44 -1.52	81.75 -7.67 -2.25

MORRIS_RIDGE___SOLAR 323848	65.85 -6.57 -1.01	65.67 -6.63 -0.96	65.34 -6.77 -0.84	65.20 -6.84 -0.78	66.21 -6.44 -1.10	67.55 -5.69 -1.24	76.34 -5.82 -3.49	83.60 -6.57 -2.63	83.93 -6.60 -2.55	80.03 -7.80 -0.21	80.70 -7.29 -0.18	80.58 -7.38 -0.15	80.46 -7.37 -0.12	78.84 -7.41 -0.12	80.65 -7.09 -0.13	87.42 -6.00 -5.26	95.11 -5.12 -11.98	152.38 -10.26 5.52	150.07 -11.26 9.23	87.66 -7.55 20.91	125.28 -10.42 5.08	95.06 -8.13 1.00	80.99 -6.66 -0.11	81.63 -6.89 -1.34
MORTIMER_115KV_TB3 55949	68.30 -5.14 -2.03	67.73 -5.56 -1.95	67.43 -5.56 -1.71	67.08 -5.77 -1.58	68.89 -4.87 -2.20	71.08 -3.31 -2.39	77.08 -3.07 -1.48	86.18 -4.46 -3.11	86.04 -4.05 -2.11	84.03 -5.26 -1.67	84.77 -4.48 -1.44	84.64 -4.39 -1.22	84.26 -4.47 -1.03	82.25 -4.91 -1.04	83.68 -4.99 -1.06	88.42 -3.44 -3.70	92.21 -3.44 -7.40	157.65 -9.42 1.10	158.21 -10.40 1.95	113.07 -7.20 -4.16	128.55 -10.70 1.53	97.24 -8.33 -1.40	84.06 -5.16 -1.68	84.94 -4.27 -2.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	127.09 5.43 -42.99	160.47 6.48 -66.46	143.88 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.24 7.29 -22.15	113.45 7.02 -18.73	111.96 6.89 -18.95	114.13 7.27 -19.24	131.16 7.49 -35.51	155.97 7.50 -60.21	194.56 14.29 -12.09	190.03 14.33 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.09 8.23 -29.67	125.14 6.65 -30.95	122.77 6.02 -29.58
MUNSVILLE_WIND_PWR 323609	90.28 3.43 -15.44	89.91 3.71 -14.86	87.54 3.21 -13.06	86.80 3.49 -12.03	92.21 3.93 -16.72	94.48 4.54 -17.94	104.46 5.19 -20.59	126.70 6.91 -32.26	118.22 6.68 -23.55	108.56 6.13 -14.81	106.42 5.79 -12.82	104.56 5.88 -10.87	102.52 5.62 -9.20	100.59 5.17 -9.30	102.67 5.61 -9.44	108.11 7.23 -12.72	115.25 8.39 -18.61	198.73 18.17 -12.39	202.01 19.44 -12.01	146.26 13.35 -16.80	168.94 14.08 -14.08	129.78 10.00 -15.60	109.92 7.18 -15.20	106.73 6.19 -13.36
N SALMON___HYD 24042	71.20 -0.21 0.00	71.20 -0.14 0.00	71.41 0.14 0.00	71.63 0.36 0.00	71.77 0.22 0.00	71.42 -0.58 0.00	77.96 -0.71 0.00	86.92 -0.61 0.00	86.40 -1.58 0.00	86.48 -1.14 0.00	86.58 -1.23 0.00	86.58 -1.14 0.00	86.56 -1.14 0.00	85.26 -0.86 0.00	86.91 -0.70 0.00	86.93 -1.23 0.00	87.55 -0.71 0.00	166.33 -1.85 0.00	169.89 -0.68 0.00	115.54 -0.58 0.00	140.78 0.00 0.00	104.39 0.21 0.00	87.80 0.26 0.00	88.14 0.96 0.00
N.AKRON__115KV_KNAPP 355671	66.14 -7.21 -1.94	65.59 -7.63 -1.88	65.36 -7.55 -1.65	64.95 -7.84 -1.51	66.86 -6.80 -2.11	69.11 -5.18 -2.30	76.53 -5.90 -3.76	84.34 -7.62 -4.43	84.39 -7.13 -3.54	81.19 -7.97 -1.55	82.03 -7.11 -1.33	81.47 -7.46 -1.13	81.02 -7.63 -0.95	78.99 -8.10 -0.96	80.36 -8.24 -0.98	85.61 -6.79 -4.24	90.29 -6.71 -8.74	159.65 -15.64 -7.11	162.89 -16.72 -9.04	110.09 -11.73 -5.70	133.08 -16.33 -8.63	93.88 -12.61 -2.30	81.31 -7.79 -1.56	81.68 -7.58 -2.09
N.BELMOR_69_KV_BK1 55787	117.52 5.93 -40.18	114.76 5.78 -37.64	108.79 5.77 -31.74	110.07 5.77 -33.02	114.94 5.72 -37.66	119.93 5.98 -41.95	137.28 6.61 -52.00	161.23 7.27 -66.43	145.63 8.27 -49.38	126.21 8.41 -30.18	122.18 8.25 -26.11	117.94 7.99 -22.14	114.14 7.72 -18.72	112.73 7.66 -18.94	114.91 8.06 -19.23	131.94 8.29 -35.49	156.43 8.03 -60.14	195.90 15.64 -12.09	191.56 15.86 -5.14	170.48 10.80 -43.57	166.15 12.11 -13.26	143.11 9.27 -29.66	129.91 8.05 -34.32	123.98 7.24 -29.57
N.E_GEN_SANDY PD 24062	112.56 4.28 -36.86	110.92 4.14 -35.44	106.56 4.13 -31.16	111.38 4.13 -35.98	115.70 4.22 -39.92	125.00 4.39 -48.61	147.58 4.88 -64.03	173.19 5.52 -80.14	154.03 5.72 -60.33	127.15 5.61 -33.92	122.78 5.62 -29.35	118.39 5.70 -24.88	114.44 5.70 -21.04	113.00 5.59 -21.28	115.01 5.78 -21.61	133.87 5.82 -39.89	161.79 5.91 -67.62	196.72 10.92 -17.62	190.00 10.93 -8.51	180.00 7.66 -56.22	173.39 9.15 -23.46	144.28 6.77 -33.33	127.99 5.69 -34.76	125.81 5.41 -33.23
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	107.34 4.28 -31.65	105.84 4.07 -30.43	102.15 4.13 -26.75	99.97 4.06 -24.64	109.91 4.08 -34.27	113.21 4.32 -36.89	124.99 4.88 -41.44	157.29 5.69 -64.07	141.25 6.33 -46.93	123.13 6.40 -29.12	119.32 6.32 -25.19	115.49 6.32 -21.35	111.90 6.14 -18.06	110.33 5.94 -18.27	112.48 6.31 -18.55	128.93 6.52 -34.24	152.93 6.62 -58.06	192.60 12.78 -11.65	188.31 12.79 -4.95	166.72 8.59 -42.02	164.43 10.00 -13.65	140.09 7.29 -28.61	123.34 5.95 -29.84	121.02 5.32 -28.52
N.QUEENS_27_KV_LOAD 356247	108.87 4.64 -32.82	107.25 4.35 -31.55	103.43 4.42 -27.74	101.17 4.35 -25.55	111.32 4.22 -35.54	114.79 4.54 -38.25	126.54 4.88 -42.99	160.03 6.04 -66.46	143.43 6.77 -48.68	124.82 7.01 -30.20	121.13 7.20 -26.12	117.15 7.20 -22.15	113.27 6.84 -18.73	111.79 6.72 -18.95	113.95 7.10 -19.24	130.99 7.32 -35.51	155.75 7.24 -60.26	193.72 13.45 -12.09	189.18 13.47 -5.14	168.76 9.06 -43.59	165.87 10.56 -14.53	141.67 7.81 -29.67	124.79 6.30 -30.95	122.34 5.58 -29.58
N.TROY___115KV_TB1 355778	116.06 4.00 -40.64	114.35 3.92 -39.08	109.47 3.85 -34.35	106.77 3.85 -31.65	119.58 4.01 -44.02	123.55 4.18 -47.38	176.50 4.64 -93.18	200.95 5.08 -108.34	180.35 5.28 -87.09	130.10 5.08 -37.40	125.34 5.18 -32.35	120.42 5.18 -27.43	116.16 5.26 -23.20	114.67 5.08 -23.46	116.53 5.08 -23.83	137.43 5.29 -43.97	168.20 5.38 -74.56	212.58 10.26 -34.15	200.32 10.40 -19.35	211.66 7.08 -88.46	202.72 8.59 -53.35	147.18 6.25 -36.75	131.21 5.34 -38.33	128.78 4.97 -36.64
NARROWS_GT1_1 24228	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT1_2 24229	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT1_3 24230	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT1_4 24231	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05

NARROWS_GT1_5 24232	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT1_6 24233	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT1_7 24234	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT1_8 24235	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_1 24236	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_2 24237	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_3 24238	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_4 24239	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_5 24240	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_6 24241	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_7 24242	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NARROWS_GT2_8 24243	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	112.95 3.36 -38.18	111.34 3.28 -36.72	106.75 3.21 -32.27	104.14 3.14 -29.73	116.27 3.36 -41.35	120.11 3.60 -44.51	143.26 3.54 -61.04	175.98 3.94 -84.51	155.89 3.87 -64.04	126.34 3.59 -35.14	121.72 3.51 -30.40	117.09 3.51 -25.77	113.09 3.60 -21.80	111.53 3.36 -22.05	113.16 3.15 -22.39	132.83 3.35 -41.31	161.93 3.62 -70.05	194.93 7.40 -19.36	187.63 7.50 -9.56	181.34 4.99 -60.23	172.78 5.63 -26.37	142.77 4.06 -34.53	127.23 3.68 -36.01	125.69 4.10 -34.42
NCHELSEA_115KV_TR2 355582	109.27 5.00 -32.85	107.78 4.85 -31.59	103.89 4.85 -27.77	101.63 4.78 -25.58	111.93 4.79 -35.58	115.41 5.11 -38.30	127.60 5.74 -43.19	160.81 6.65 -66.63	143.94 7.13 -48.84	124.94 7.10 -30.23	120.99 7.02 -26.15	116.92 6.94 -22.17	113.30 6.84 -18.75	111.64 6.55 -18.97	113.98 7.10 -19.26	131.12 7.41 -35.55	156.12 7.59 -60.28	194.98 14.63 -12.17	190.60 14.84 -5.19	169.87 9.99 -43.77	166.65 11.54 -14.32	142.33 8.44 -29.71	125.44 6.92 -30.98	122.98 6.19 -29.62
NEG CAPITAL___MECHNVIL 23645	117.35 4.79 -41.15	115.61 4.71 -39.56	110.75 4.70 -34.78	108.01 4.70 -32.04	121.05 4.93 -44.56	125.08 5.11 -47.96	184.58 5.74 -100.17	207.33 6.31 -113.49	186.67 6.60 -92.09	131.61 6.13 -37.86	126.80 6.24 -32.76	121.81 6.24 -27.77	117.33 6.14 -23.49	115.82 5.94 -23.76	117.78 6.04 -24.12	139.12 6.43 -44.52	170.71 6.97 -75.48	218.83 13.28 -37.37	205.36 13.31 -21.48	219.77 9.06 -94.59	210.71 10.69 -59.24	149.20 7.82 -37.20	132.91 6.57 -38.80	130.55 6.28 -37.09

NEG CENTRAL_HIGH_ACRES 23767	68.50 -5.36 -2.44	67.91 -5.78 -2.34	67.56 -5.77 -2.06	67.25 -5.91 -1.90	69.12 -5.08 -2.64	70.97 -3.89 -2.86	77.00 -3.54 -1.87	86.93 -4.56 -3.96	86.27 -4.40 -2.68	84.30 -5.43 -2.12	84.81 -4.83 -1.83	84.62 -4.74 -1.55	84.11 -4.91 -1.31	82.19 -5.26 -1.33	83.62 -5.35 -1.35	87.96 -3.97 -3.76	91.48 -3.88 -7.11	157.25 -9.41 1.51	157.54 -10.41 2.62	112.34 -7.31 -3.53	128.16 -10.56 2.06	97.71 -8.23 -1.76	84.15 -5.51 -2.12	84.64 -4.88 -2.35
NEG CENTRAL___DRP 24199	71.27 -2.14 -2.00	70.98 -2.28 -1.92	70.54 -2.42 -1.69	70.40 -2.42 -1.56	71.72 -2.00 -2.17	72.92 -1.44 -2.36	81.15 -1.02 -3.50	90.69 -1.14 -4.30	90.41 -0.97 -3.39	87.60 -1.58 -1.56	87.75 -1.40 -1.35	87.37 -1.58 -1.14	87.00 -1.67 -0.96	85.20 -1.89 -0.97	86.77 -1.84 -0.99	91.06 -0.97 -3.87	95.44 -0.71 -7.89	163.98 -2.52 1.67	164.48 -2.56 3.52	122.46 -1.74 -8.09	136.28 -3.10 1.41	102.83 -2.40 -1.04	87.26 -1.84 -1.56	87.17 -2.01 -2.00
NEG CENTRAL___INDECK 23768	68.71 -3.36 -0.65	68.18 -3.78 -0.62	67.96 -3.85 -0.54	67.78 -3.99 -0.50	69.26 -3.00 -0.71	71.09 -1.73 -0.82	80.23 -1.10 -2.66	87.68 -1.49 -1.64	88.17 -1.58 -1.77	84.31 -3.15 0.16	84.95 -2.72 0.14	84.70 -2.99 0.12	84.61 -2.98 0.11	82.65 -3.36 0.11	84.44 -3.07 0.11	91.32 -1.32 -4.47	98.33 -0.35 -10.43	161.18 -1.68 5.31	159.68 -2.22 8.66	145.76 -1.86 -31.51	131.47 -4.37 4.95	98.93 -3.96 1.30	84.71 -2.54 0.29	85.62 -2.44 -0.88
NEG CENTRAL___SENECA 23627	69.37 -2.50 -0.46	69.06 -2.71 -0.43	68.80 -2.85 -0.38	68.77 -2.85 -0.35	69.76 -2.29 -0.50	70.93 -1.66 -0.58	79.81 -1.10 -2.24	87.58 -1.31 -1.36	88.21 -1.23 -1.46	85.57 -1.93 0.12	85.95 -1.76 0.10	85.79 -1.93 0.09	85.61 -2.02 0.08	83.80 -2.24 0.08	85.35 -2.19 0.08	90.82 -1.06 -3.72	96.13 -0.88 -8.75	160.42 -3.36 4.39	159.98 -3.41 7.17	124.15 -2.09 -10.13	132.88 -3.80 4.10	100.45 -2.71 1.02	85.17 -2.19 0.18	85.69 -2.27 -0.78
NEG CENTRAL___STATE_STREET 24147	75.52 -1.29 -5.40	75.11 -1.43 -5.19	74.27 -1.57 -4.56	73.91 -1.57 -4.20	76.25 -1.14 -5.84	77.56 -0.72 -6.28	85.03 -0.31 -6.68	98.11 -0.26 -10.84	95.81 0.00 -7.83	92.28 -0.44 -5.10	91.96 -0.26 -4.41	91.11 -0.44 -3.74	90.25 -0.61 -3.16	88.55 -0.78 -3.20	90.08 -0.79 -3.25	92.98 -0.09 -4.90	96.05 0.09 -7.70	171.15 -0.34 -3.32	173.13 -0.34 -2.91	122.33 -0.35 -6.56	143.14 -1.27 -3.63	108.18 -1.25 -5.25	91.71 -1.05 -5.22	90.68 -1.22 -4.73
NEG MILLWOOD___DRP 24198	109.92 5.36 -33.15	108.50 5.28 -31.88	104.50 5.20 -28.02	102.29 5.20 -25.81	112.68 5.22 -35.90	116.19 5.54 -38.64	128.65 6.45 -43.52	162.08 7.35 -67.20	145.23 8.01 -49.24	126.18 8.06 -30.51	122.28 8.08 -26.39	118.17 7.99 -22.37	114.34 7.72 -18.92	112.75 7.49 -19.14	115.11 8.06 -19.44	132.41 8.38 -35.87	157.64 8.56 -60.82	196.74 16.31 -12.26	192.16 16.37 -5.22	171.26 11.03 -44.11	167.99 12.81 -14.40	143.64 9.48 -29.98	126.51 7.70 -31.26	124.03 6.97 -29.88
NEG NORTH_FLCN_SEA 23793	70.41 -1.00 0.00	70.41 -0.93 0.00	70.70 -0.57 0.00	70.99 -0.29 0.00	71.27 -0.29 0.00	70.49 -1.51 0.00	76.78 -1.89 0.00	85.69 -1.84 0.00	85.34 -2.64 0.00	85.25 -2.37 0.00	85.35 -2.46 0.00	85.26 -2.55 0.00	85.16 -2.54 0.00	83.88 -2.24 0.00	85.51 -2.10 0.00	85.78 -2.38 0.00	86.40 -1.85 0.00	164.81 -3.36 0.00	168.01 -2.56 0.00	114.49 -1.63 0.00	139.38 -1.41 0.00	103.35 -0.83 0.00	86.84 -0.70 0.00	87.96 0.78 0.00
NEG NORTH_KES_CHATEGAY 23792	69.99 -1.43 0.00	69.99 -1.36 0.00	70.20 -1.07 0.00	70.42 -0.86 0.00	70.70 -0.86 0.00	70.27 -1.73 0.00	76.55 -2.12 0.00	85.43 -2.10 0.00	85.08 -2.90 0.00	85.08 -2.54 0.00	85.09 -2.72 0.00	85.00 -2.81 0.00	84.98 -2.72 0.00	83.71 -2.41 0.00	85.25 -2.37 0.00	85.43 -2.73 0.00	85.87 -2.38 0.00	164.14 -4.04 0.00	167.32 -3.24 0.00	113.91 -2.21 0.00	138.95 -1.83 0.00	103.04 -1.15 0.00	86.58 -0.96 0.00	87.00 -0.17 0.00
NEG NORTH___ALICE_FALLS 23915	70.70 -0.71 0.00	70.70 -0.64 0.00	70.99 -0.29 0.00	71.20 -0.07 0.00	71.56 0.00 0.00	70.99 -1.01 0.00	77.41 -1.26 0.00	86.39 -1.14 0.00	85.96 -2.02 0.00	85.86 -1.75 0.00	85.88 -1.93 0.00	85.88 -1.93 0.00	85.77 -1.93 0.00	84.49 -1.64 0.00	86.13 -1.49 0.00	86.49 -1.68 0.00	87.11 -1.15 0.00	165.99 -2.19 0.00	169.37 -1.19 0.00	115.30 -0.81 0.00	140.36 -0.42 0.00	104.08 -0.10 0.00	87.45 -0.09 0.00	88.22 1.05 0.00
NEG NORTH___LWR_SARANAC 23913	70.70 -0.71 0.00	70.70 -0.64 0.00	70.99 -0.29 0.00	71.20 -0.07 0.00	71.56 0.00 0.00	70.99 -1.01 0.00	77.41 -1.26 0.00	86.39 -1.14 0.00	85.96 -2.02 0.00	85.86 -1.75 0.00	85.88 -1.93 0.00	85.88 -1.93 0.00	85.77 -1.93 0.00	84.49 -1.64 0.00	86.13 -1.49 0.00	86.49 -1.68 0.00	87.11 -1.15 0.00	165.99 -2.19 0.00	169.37 -1.19 0.00	115.30 -0.81 0.00	140.36 -0.42 0.00	104.08 -0.10 0.00	87.45 -0.09 0.00	88.22 1.05 0.00
NEG NORTH___PLATTSBURG 23628	70.70 -0.71 0.00	70.70 -0.64 0.00	70.99 -0.28 0.00	71.20 -0.07 0.00	71.56 0.00 0.00	70.99 -1.01 0.00	77.49 -1.18 0.00	86.30 -1.23 0.00	85.96 -2.02 0.00	85.87 -1.75 0.00	85.96 -1.85 0.00	85.88 -1.93 0.00	85.77 -1.93 0.00	84.48 -1.64 0.00	86.13 -1.49 0.00	86.40 -1.76 0.00	87.20 -1.06 0.00	165.98 -2.19 0.00	169.55 -1.02 0.00	115.31 -0.81 0.00	140.36 -0.42 0.00	104.08 -0.10 0.00	87.45 -0.09 0.00	88.23 1.05 0.00
NEG WEST_LEA_LOCKPORT 23791	64.19 -9.14 -1.92	63.55 -9.56 -1.77	63.36 -9.48 -1.57	63.04 -9.69 -1.46	64.84 -8.80 -2.08	67.07 -7.20 -2.27	74.15 -8.34 -3.81	81.44 -10.50 -4.42	81.68 -9.85 -3.55	78.38 -10.69 -1.46	79.34 -9.75 -1.28	78.90 -10.01 -1.10	78.46 -10.17 -0.93	76.38 -10.68 -0.94	77.79 -10.78 -0.95	82.99 -9.52 -4.35	87.66 -9.62 -9.02	99.52 -21.53 47.12	78.78 -22.69 69.10	82.91 -15.56 17.65	67.28 -20.84 52.67	82.79 -15.73 5.66	78.68 -10.33 -1.47	79.24 -10.03 -2.09
NEG WEST___LANCASTER 23811	67.35 -6.00 -1.93	68.13 -5.07 -1.85	67.41 -5.49 -1.62	67.64 -5.13 -1.50	67.42 -6.23 -2.09	66.66 -7.63 -2.29	74.20 -8.81 -4.34	84.87 -7.44 -4.78	84.23 -7.65 -3.91	82.93 -6.22 -1.53	81.84 -7.29 -1.32	81.73 -7.20 -1.12	81.19 -7.45 -0.95	79.59 -7.49 -0.96	80.70 -7.89 -0.97	83.84 -9.35 -5.03	89.64 -9.18 -10.56	152.60 -12.61 2.96	153.11 -11.77 5.68	109.25 -8.24 -1.38	129.21 -9.01 2.57	98.09 -6.88 -0.79	80.17 -8.93 -1.56	79.18 -10.29 -2.29
NEG_PENN_ALLEGHNY 23528	79.54 -0.78 -8.91	79.12 -0.78 -8.56	77.87 -0.93 -7.53	77.35 -0.85 -6.93	80.49 -0.72 -9.65	81.82 -0.58 -10.40	91.26 -0.47 -13.05	106.02 -0.26 -18.75	101.95 -0.09 -14.06	95.37 -0.26 -8.01	94.48 -0.26 -6.93	93.33 -0.35 -5.88	92.24 -0.44 -4.97	90.55 -0.60 -5.03	92.20 -0.52 -5.10	98.88 -0.18 -10.89	107.59 0.00 -19.33	170.41 0.34 -1.90	169.78 0.34 1.12	131.04 0.23 -14.69	143.25 -0.42 -2.89	111.27 -0.42 -7.50	95.00 -0.70 -8.17	94.39 -0.96 -8.17
NEG___GEN_MONROE 24207	68.08 -5.36 -2.03	67.51 -5.78 -1.95	67.35 -5.63 -1.71	66.93 -5.92 -1.58	68.74 -5.01 -2.20	71.00 -3.38 -2.38	76.68 -3.46 -1.47	85.64 -4.99 -3.10	85.68 -4.40 -2.10	83.58 -5.70 -1.66	84.24 -5.01 -1.43	84.02 -5.01 -1.21	83.47 -5.26 -1.03	81.39 -5.77 -1.04	82.80 -5.87 -1.05	87.48 -4.41 -3.73	91.40 -4.32 -7.47	156.51 -10.93 0.73	157.56 -11.60 1.41	111.45 -8.13 -3.46	127.71 -11.97 1.11	96.56 -9.06 -1.44	83.61 -5.60 -1.68	84.51 -4.71 -2.04

NEPA__ENERGY 23901	65.58 -7.64 -1.81	65.44 -7.63 -1.73	65.02 -7.77 -1.52	64.83 -7.84 -1.40	66.07 -7.44 -1.96	67.67 -6.48 -2.15	75.79 -6.92 -4.04	84.09 -7.88 -4.44	84.40 -7.21 -3.63	81.23 -7.80 -1.41	81.83 -7.20 -1.22	81.99 -6.85 -1.03	81.56 -7.02 -0.87	79.68 -7.32 -0.88	80.98 -7.54 -0.89	86.10 -6.79 -4.73	91.61 -6.62 -9.97	151.36 -13.96 2.85	150.30 -14.84 5.43	105.14 -10.33 0.64	124.08 -14.22 2.49	93.94 -10.94 -0.70	80.57 -8.40 -1.43	81.02 -8.28 -2.13
NEVERSINK__HYD 23608	105.41 4.21 -29.79	104.12 4.14 -28.64	100.51 4.06 -25.18	98.53 4.06 -23.19	107.89 4.08 -32.26	111.12 4.39 -34.72	123.27 4.96 -39.64	154.04 5.78 -60.73	138.74 6.16 -44.60	121.07 6.04 -27.41	117.32 5.79 -23.72	113.71 5.79 -20.10	110.24 5.53 -17.00	108.58 5.25 -17.20	110.95 5.87 -17.47	126.75 6.35 -32.23	149.60 6.70 -54.64	192.57 13.13 -11.27	188.74 13.31 -4.86	165.15 8.94 -40.09	164.34 10.14 -13.41	138.62 7.51 -26.93	121.59 5.96 -28.09	119.34 5.32 -26.85
NEWKRMKL_115KV_TB1 55635	114.33 2.64 -40.28	112.71 2.64 -38.73	107.88 2.57 -34.04	105.20 2.57 -31.36	117.90 2.72 -43.62	121.76 2.81 -46.95	159.88 2.75 -78.46	188.91 3.06 -98.32	168.32 3.34 -76.99	128.18 3.50 -37.06	123.56 3.69 -32.06	118.77 3.78 -27.18	114.64 3.95 -22.99	113.17 3.79 -23.25	114.47 3.24 -23.61	134.83 3.09 -43.58	164.88 2.74 -73.89	200.39 5.05 -27.17	190.34 5.12 -14.66	195.28 3.48 -75.68	185.15 3.94 -40.42	143.52 2.92 -36.42	128.41 2.89 -37.99	126.80 3.31 -36.31
NEWTON__FALLS_HYD 23847	72.25 0.00 -0.84	72.29 0.14 -0.81	71.98 0.00 -0.71	72.07 0.14 -0.65	72.39 -0.07 -0.91	72.54 -0.43 -0.98	78.66 -0.71 -0.69	88.88 -0.09 -1.44	88.25 -0.70 -0.97	87.77 -0.61 -0.77	87.86 -0.61 -0.67	87.93 -0.44 -0.57	87.74 -0.44 -0.48	86.26 -0.34 -0.48	87.76 -0.35 -0.49	88.54 -0.53 -0.91	89.86 0.00 -1.61	168.63 0.34 -0.12	171.42 0.85 0.00	117.73 0.81 -0.80	141.35 0.56 0.00	105.04 0.10 -0.76	88.16 -0.18 -0.79	88.54 0.61 -0.75
NGRID_A1_DSASP 323792	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.49 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.30 -7.99 -2.29	73.98 -8.57 -3.88	81.20 -10.86 -4.53	81.24 -10.38 -3.64	77.33 -11.83 -1.54	78.25 -10.89 -1.33	78.40 -10.54 -1.13	77.95 -10.70 -0.95	75.89 -11.19 -0.96	77.29 -11.30 -0.98	82.65 -9.96 -4.45	87.25 -10.15 -9.14	142.96 -22.87 2.34	141.21 -24.73 4.62	100.38 -16.84 -1.11	116.24 -22.53 2.01	88.40 -16.67 -0.89	77.69 -11.38 -1.53	79.18 -10.11 -2.12
NGRID_A2_DSASP 323793	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.49 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.30 -7.99 -2.29	73.98 -8.57 -3.88	81.20 -10.86 -4.53	81.24 -10.38 -3.64	77.33 -11.83 -1.54	78.25 -10.89 -1.33	78.40 -10.54 -1.13	77.95 -10.70 -0.95	75.89 -11.19 -0.96	77.29 -11.30 -0.98	82.65 -9.96 -4.45	87.25 -10.15 -9.14	142.96 -22.87 2.34	141.21 -24.73 4.62	100.38 -16.84 -1.11	116.24 -22.53 2.01	88.40 -16.67 -0.89	77.69 -11.38 -1.53	79.18 -10.11 -2.12
NGRID_A4_DSASP 323807	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.49 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.30 -7.99 -2.29	73.98 -8.57 -3.88	81.20 -10.86 -4.53	81.24 -10.38 -3.64	77.33 -11.83 -1.54	78.25 -10.89 -1.33	78.40 -10.54 -1.13	77.95 -10.70 -0.95	75.89 -11.19 -0.96	77.29 -11.30 -0.98	82.65 -9.96 -4.45	87.25 -10.15 -9.14	142.96 -22.87 2.34	141.21 -24.73 4.62	100.38 -16.84 -1.11	116.24 -22.53 2.01	88.40 -16.67 -0.89	77.69 -11.38 -1.53	79.18 -10.11 -2.12
NIAGARA_115E_LBMP 323715	64.13 -9.21 -1.93	63.42 -9.77 -1.85	63.35 -9.55 -1.63	62.93 -9.84 -1.50	64.77 -8.88 -2.09	67.08 -7.20 -2.28	73.43 -9.12 -3.88	80.93 -11.12 -4.52	80.88 -10.74 -3.64	77.94 -11.22 -1.54	79.04 -10.09 -1.33	78.04 -10.89 -1.12	77.60 -11.05 -0.95	75.54 -11.54 -0.96	76.94 -11.65 -0.97	82.13 -10.49 -4.46	86.82 -10.59 -9.16	146.05 -23.37 -1.25	146.05 -25.07 -0.55	101.64 -17.07 -2.59	120.17 -22.67 -2.06	88.71 -16.88 -1.41	78.56 -10.51 -1.53	78.65 -10.64 -2.12
NIAGARA_115W_LBMP 323714	63.14 -10.21 -1.94	62.64 -10.56 -1.86	62.36 -10.55 -1.63	62.01 -10.76 -1.50	63.78 -9.88 -2.10	66.23 -8.06 -2.29	73.81 -8.74 -3.88	81.12 -10.94 -4.53	81.06 -10.56 -3.64	77.24 -11.92 -1.54	78.16 -10.98 -1.33	78.22 -10.72 -1.13	77.78 -10.88 -0.95	75.72 -11.37 -0.96	77.12 -11.47 -0.98	82.47 -10.14 -4.45	87.15 -10.24 -9.12	142.63 -23.21 2.33	140.89 -25.07 4.61	100.18 -17.07 -1.13	116.11 -22.67 2.00	88.30 -16.77 -0.89	77.61 -11.46 -1.53	79.10 -10.20 -2.12
NIAGARA_230_LBMP 323716	64.09 -9.28 -1.96	63.51 -9.70 -1.87	63.29 -9.62 -1.65	62.95 -9.84 -1.52	64.66 -9.02 -2.12	66.97 -7.34 -2.31	74.59 -7.94 -3.86	82.01 -10.06 -4.54	81.94 -9.68 -3.64	78.31 -10.87 -1.56	79.14 -10.01 -1.35	79.20 -9.75 -1.14	78.67 -10.00 -0.96	76.67 -10.42 -0.98	78.09 -10.52 -0.99	83.40 -9.17 -4.40	87.91 -9.36 -9.01	142.05 -21.19 4.93	139.38 -22.85 8.33	100.81 -15.56 -0.25	115.00 -20.83 4.95	89.30 -15.42 -0.53	78.49 -10.60 -1.55	79.80 -9.50 -2.12
NIAGARA__115KV_198_GIBSON 55903	63.21 -10.14 -1.94	62.64 -10.56 -1.86	62.36 -10.55 -1.63	62.01 -10.76 -1.50	63.78 -9.87 -2.10	66.23 -8.06 -2.29	73.82 -8.73 -3.88	80.72 -11.29 -4.48	81.03 -10.56 -3.60	77.22 -11.92 -1.52	78.15 -10.98 -1.31	78.30 -10.62 -1.11	77.77 -10.88 -0.94	75.70 -11.37 -0.95	77.19 -11.39 -0.96	82.53 -10.05 -4.42	87.10 -10.33 -9.17	142.30 -23.54 2.33	140.88 -25.07 4.61	100.32 -16.95 -1.16	115.97 -22.81 2.00	88.20 -16.88 -0.89	77.61 -11.47 -1.53	79.10 -10.20 -2.12
NIAGARA____ 23760	64.08 -9.28 -1.95	63.50 -9.70 -1.86	63.29 -9.62 -1.64	62.94 -9.84 -1.51	64.65 -9.02 -2.11	66.96 -7.34 -2.31	74.61 -7.94 -3.88	82.00 -10.06 -4.53	81.94 -9.68 -3.64	78.30 -10.87 -1.55	79.14 -10.01 -1.34	79.19 -9.75 -1.13	78.66 -10.00 -0.96	76.67 -10.42 -0.97	78.08 -10.52 -0.98	83.43 -9.17 -4.44	87.98 -9.36 -9.08	144.37 -21.19 2.61	142.72 -22.85 5.00	101.71 -15.56 -1.15	117.84 -20.83 2.11	89.70 -15.42 -0.94	78.49 -10.60 -1.54	79.79 -9.50 -2.12
NINE_MILE_1 23575	70.29 -3.14 -2.02	70.07 -3.21 -1.94	69.70 -3.28 -1.71	69.57 -3.28 -1.57	70.67 -3.07 -2.19	71.54 -2.81 -2.35	77.51 -2.83 -1.67	87.79 -3.24 -3.49	87.19 -3.16 -2.37	86.07 -3.42 -1.87	86.09 -3.34 -1.62	85.85 -3.34 -1.37	85.53 -3.33 -1.16	83.85 -3.45 -1.18	85.30 -3.51 -1.19	87.28 -3.09 -2.20	88.96 -3.00 -3.70	162.23 -6.22 -0.28	164.08 -6.48 0.00	113.54 -4.41 -1.84	134.88 -5.91 0.00	101.53 -4.48 -1.82	85.94 -3.50 -1.90	85.51 -3.49 -1.82
NINE_MILE_2 23744	70.29 -3.14 -2.01	70.07 -3.21 -1.94	69.70 -3.28 -1.70	69.56 -3.28 -1.57	70.66 -3.07 -2.18	71.54 -2.81 -2.35	77.51 -2.83 -1.67	87.78 -3.24 -3.48	87.18 -3.16 -2.36	86.07 -3.42 -1.87	86.09 -3.34 -1.62	85.84 -3.34 -1.37	85.53 -3.33 -1.16	83.85 -3.45 -1.17	85.39 -3.42 -1.19	87.27 -3.09 -2.20	88.95 -3.00 -3.69	162.23 -6.22 -0.28	164.26 -6.31 0.00	113.54 -4.41 -1.84	135.00 -5.78 0.00	101.53 -4.48 -1.82	85.94 -3.50 -1.90	85.50 -3.49 -1.82
NM_CAPITAL__DRP 24208	114.55 2.93 -40.21	112.85 2.85 -38.66	108.11 2.85 -33.98	105.43 2.85 -31.31	118.03 2.93 -43.54	121.96 3.10 -46.87	161.35 3.15 -79.53	189.88 3.41 -98.93	169.34 3.70 -77.67	128.47 3.86 -36.99	123.85 4.04 -32.01	119.07 4.13 -27.13	114.95 4.30 -22.95	113.47 4.13 -23.21	114.96 3.77 -23.57	135.37 3.70 -43.50	165.46 3.44 -73.76	202.27 6.39 -27.71	191.90 6.31 -15.03	197.00 4.30 -76.59	187.29 5.07 -41.44	144.29 3.75 -36.35	128.96 3.50 -37.92	127.08 3.66 -36.24

NM_CENTRAL___DRP 24181	72.45 -1.86 -2.90	72.13 -2.00 -2.78	71.65 -2.07 -2.45	71.46 -2.07 -2.25	72.90 -1.79 -3.14	73.94 -1.44 -3.38	79.81 -1.26 -2.40	91.18 -1.31 -4.96	90.21 -1.14 -3.37	88.88 -1.40 -2.66	88.80 -1.32 -2.31	88.45 -1.32 -1.95	87.95 -1.40 -1.65	86.24 -1.55 -1.67	87.74 -1.58 -1.70	90.24 -1.06 -3.13	92.65 -1.06 -5.45	166.06 -2.52 -0.41	168.01 -2.56 0.00	117.08 -1.74 -2.71	137.83 -2.96 0.00	104.40 -2.40 -2.62	88.43 -1.84 -2.73	87.87 -1.92 -2.61
NM_FRONTIER___DRP 24179	63.21 -10.14 -1.94	62.64 -10.56 -1.86	62.36 -10.55 -1.63	62.01 -10.76 -1.50	63.78 -9.87 -2.10	66.23 -8.06 -2.29	73.82 -8.73 -3.88	80.72 -11.29 -4.48	81.03 -10.56 -3.60	77.22 -11.92 -1.52	78.15 -10.98 -1.31	78.30 -10.62 -1.11	77.77 -10.88 -0.94	75.70 -11.37 -0.95	77.19 -11.39 -0.96	82.53 -10.05 -4.42	87.10 -10.33 -9.17	142.30 -23.54 2.33	140.88 -25.07 4.61	100.32 -16.95 -1.16	115.97 -22.81 2.00	88.20 -16.88 -0.89	77.61 -11.47 -1.53	79.10 -10.20 -2.12
NM_ST_REGIS___HYD 24053	71.34 -0.07 0.00	71.41 0.07 0.00	71.49 0.21 0.00	71.56 0.29 0.00	71.48 -0.07 0.00	70.92 -1.08 0.00	77.18 -1.49 0.00	86.22 -1.31 0.00	85.69 -2.29 0.00	85.86 -1.75 0.00	86.32 -1.49 0.00	86.32 -1.49 0.00	86.30 -1.40 0.00	85.00 -1.12 0.00	86.57 -1.05 0.00	86.22 -1.94 0.00	86.40 -1.85 0.00	164.64 -3.53 0.00	167.67 -2.90 0.00	114.14 -1.97 0.00	139.09 -1.69 0.00	103.24 -0.94 0.00	87.02 -0.53 0.00	87.52 0.35 0.00
NORTHPORT___1 23551	117.66 6.07 -40.18	114.90 5.92 -37.64	108.92 5.91 -31.74	110.14 5.85 -33.02	115.01 5.79 -37.66	120.21 6.26 -41.95	137.59 6.92 -52.00	161.23 7.26 -66.44	145.89 8.53 -49.38	126.13 8.33 -30.19	121.91 7.99 -26.12	117.76 7.81 -22.14	113.97 7.54 -18.73	112.64 7.58 -18.94	115.18 8.33 -19.23	132.30 8.64 -35.50	155.88 7.59 -60.03	194.39 14.13 -12.08	190.03 14.33 -5.14	169.90 10.22 -43.57	165.18 11.27 -13.13	142.49 8.64 -29.66	130.00 8.14 -34.32	124.42 7.67 -29.57
NORTHPORT___2 23552	117.60 6.00 -40.18	114.83 5.85 -37.64	108.86 5.85 -31.74	110.14 5.85 -33.02	115.01 5.79 -37.66	120.14 6.19 -41.95	137.51 6.84 -52.00	160.71 6.74 -66.44	145.81 8.45 -49.38	126.04 8.23 -30.19	122.00 8.07 -26.12	117.76 7.81 -22.14	113.97 7.54 -18.73	112.64 7.58 -18.94	115.18 8.33 -19.23	132.30 8.64 -35.50	155.43 7.15 -60.03	193.54 13.28 -12.08	189.17 13.47 -5.14	169.21 9.52 -43.57	164.43 10.56 -13.08	141.97 8.13 -29.66	129.91 8.05 -34.32	124.33 7.58 -29.57
NORTHPORT___3 23553	117.17 5.57 -40.18	114.40 5.42 -37.64	108.43 5.41 -31.74	109.64 5.35 -33.02	114.58 5.37 -37.66	119.64 5.69 -41.95	137.04 6.37 -52.00	160.97 7.01 -66.44	145.45 8.09 -49.38	125.78 7.97 -30.19	121.74 7.81 -26.12	117.50 7.55 -22.14	113.80 7.37 -18.73	112.30 7.24 -18.94	114.74 7.89 -19.23	132.04 8.38 -35.50	156.04 7.77 -60.02	195.06 14.80 -12.08	190.53 14.83 -5.14	170.01 10.33 -43.57	165.37 11.55 -13.04	142.49 8.64 -29.66	129.47 7.61 -34.32	123.80 7.06 -29.57
NORTHPORT___4 23650	117.17 5.57 -40.18	114.40 5.42 -37.64	108.43 5.41 -31.74	109.64 5.35 -33.02	114.58 5.37 -37.66	119.64 5.69 -41.95	137.04 6.37 -52.00	160.97 7.01 -66.44	145.45 8.09 -49.38	125.78 7.97 -30.19	121.74 7.81 -26.12	117.50 7.55 -22.14	113.80 7.37 -18.73	112.30 7.24 -18.94	114.74 7.89 -19.23	132.04 8.38 -35.50	156.04 7.77 -60.02	195.06 14.80 -12.08	190.53 14.83 -5.14	170.01 10.33 -43.57	165.37 11.55 -13.04	142.49 8.64 -29.66	129.47 7.61 -34.32	123.80 7.06 -29.57
NORTHPORT___IC 23718	117.60 6.00 -40.18	114.83 5.85 -37.64	108.93 5.92 -31.74	110.14 5.84 -33.02	115.01 5.80 -37.66	120.14 6.19 -41.95	137.67 7.00 -52.00	161.31 7.35 -66.43	145.89 8.53 -49.38	126.12 8.32 -30.18	121.91 7.99 -26.11	117.76 7.81 -22.14	113.97 7.54 -18.72	112.64 7.58 -18.94	114.82 7.97 -19.23	131.59 7.93 -35.49	155.89 7.59 -60.04	194.55 14.29 -12.09	190.54 14.84 -5.14	170.02 10.33 -43.57	165.32 11.40 -13.13	142.49 8.65 -29.66	130.00 8.14 -34.32	124.15 7.41 -29.57
NORTH___COUNTRY_ESR 323785	69.77 -1.64 0.00	69.77 -1.57 0.00	69.99 -1.28 0.00	70.27 -1.00 0.00	70.48 -1.07 0.00	70.13 -1.87 0.00	76.31 -2.36 0.00	85.08 -2.45 0.00	84.82 -3.16 0.00	84.90 -2.72 0.00	84.91 -2.90 0.00	84.82 -2.99 0.00	84.72 -2.98 0.00	83.54 -2.58 0.00	85.07 -2.54 0.00	85.16 -3.00 0.00	85.61 -2.65 0.00	163.46 -4.71 0.00	166.81 -3.75 0.00	113.56 -2.56 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.31 -1.23 0.00	86.74 -0.43 0.00
NPX_GEN_1385_PROXY 323591	117.52 5.92 -40.18	114.83 5.85 -37.64	109.21 6.20 -31.74	110.00 5.70 -33.02	114.65 5.44 -37.66	120.00 6.05 -41.95	137.75 7.08 -52.00	161.58 7.61 -66.44	145.55 8.18 -49.38	125.78 7.97 -30.19	120.78 6.85 -26.12	116.80 6.85 -22.14	113.18 6.75 -18.73	112.30 7.24 -18.94	115.00 8.15 -19.23	131.94 8.28 -35.50	155.26 6.97 -60.03	192.70 12.44 -12.08	188.66 12.96 -5.14	169.32 9.63 -43.57	164.48 10.56 -13.13	142.39 8.54 -29.66	130.18 8.32 -34.32	125.03 8.29 -29.57
NPX_GEN_CSC 323557	118.09 6.50 -40.18	115.33 6.35 -37.64	109.21 6.20 -31.74	110.99 6.70 -33.02	116.08 6.87 -37.66	121.30 7.35 -41.95	139.00 8.34 -52.00	162.99 9.02 -66.44	147.56 10.20 -49.38	125.60 7.80 -30.19	122.00 8.07 -26.12	117.50 7.55 -22.14	113.27 6.85 -18.73	111.86 6.80 -18.94	114.56 7.71 -19.23	132.04 8.38 -35.50	156.05 7.77 -60.03	195.40 15.14 -12.08	191.06 15.36 -5.14	170.36 10.68 -43.57	165.40 11.55 -13.07	142.39 8.54 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
NSINS_S___GLNS_FALLS 23858	118.77 5.93 -41.43	116.96 5.78 -39.84	112.06 5.77 -35.02	109.31 5.77 -32.26	122.51 6.08 -44.87	126.71 6.41 -48.30	189.43 7.24 -103.52	211.59 8.05 -116.01	190.76 8.27 -94.51	133.36 7.62 -38.12	128.52 7.73 -32.98	123.41 7.64 -27.96	118.81 7.45 -23.65	117.19 7.15 -23.92	119.18 7.27 -24.29	140.84 7.85 -44.83	172.74 8.47 -76.01	223.73 16.65 -38.91	209.77 16.72 -22.49	224.92 11.26 -97.55	216.05 13.23 -62.03	151.33 9.69 -37.46	134.58 7.97 -39.07	132.11 7.58 -37.35
NUCOR_STEEL___DRP 24197	75.67 -1.14 -5.40	75.25 -1.28 -5.19	74.41 -1.43 -4.57	74.05 -1.43 -4.21	76.33 -1.07 -5.85	77.63 -0.65 -6.28	82.97 -0.31 -4.61	96.72 -0.35 -9.54	94.28 -0.18 -6.48	92.13 -0.61 -5.13	91.81 -0.44 -4.44	91.04 -0.53 -3.76	90.18 -0.70 -3.18	88.48 -0.86 -3.22	90.10 -0.79 -3.27	92.85 -0.09 -4.77	95.73 0.09 -7.38	170.39 -0.34 -2.55	172.79 -0.34 -2.57	119.44 -0.35 -3.67	141.39 -1.41 -2.02	108.25 -1.25 -5.31	91.83 -0.96 -5.26	90.85 -1.05 -4.72
NUMBER_THREE_WT_PWR 323818	72.98 0.43 -1.13	73.00 0.57 -1.09	72.52 0.29 -0.96	72.58 0.43 -0.88	73.35 0.57 -1.23	74.04 0.72 -1.32	80.40 0.79 -0.94	91.43 1.84 -2.06	90.87 1.49 -1.40	89.86 1.14 -1.11	89.73 0.97 -0.96	89.76 1.14 -0.81	89.45 1.06 -0.69	87.76 0.95 -0.69	89.38 1.06 -0.70	90.96 1.50 -1.30	93.08 2.74 -2.08	174.21 5.88 -0.16	177.05 6.48 0.00	121.80 4.65 -1.03	145.42 4.64 0.00	107.40 2.19 -1.03	89.66 1.05 -1.07	90.20 2.01 -1.02
NYISO_LBMP_REFERENCE 24008	71.41 0.00 0.00	71.34 0.00 0.00	71.27 0.00 0.00	71.27 0.00 0.00	71.56 0.00 0.00	72.00 0.00 0.00	78.67 0.00 0.00	87.53 0.00 0.00	87.98 0.00 0.00	87.62 0.00 0.00	87.81 0.00 0.00	87.81 0.00 0.00	87.70 0.00 0.00	86.12 0.00 0.00	87.62 0.00 0.00	88.16 0.00 0.00	88.26 0.00 0.00	168.17 0.00 0.00	170.57 0.00 0.00	116.12 0.00 0.00	140.78 0.00 0.00	104.18 0.00 0.00	87.54 0.00 0.00	87.18 0.00 0.00

NYPA_BRENTWD____GT 24164	118.31 6.71 -40.18	115.54 6.56 -37.64	109.50 6.48 -31.74	110.78 6.48 -33.02	115.73 6.51 -37.66	120.86 6.91 -41.95	138.46 7.79 -52.00	162.29 8.32 -66.44	147.04 9.68 -49.38	127.00 9.20 -30.19	122.97 9.05 -26.12	118.64 8.69 -22.14	114.85 8.42 -18.73	113.41 8.35 -18.94	116.05 9.20 -19.23	133.27 9.61 -35.50	157.11 8.82 -60.03	195.90 15.64 -12.08	191.38 15.68 -5.14	171.53 11.85 -43.57	166.96 13.10 -13.08	143.63 9.79 -29.66	130.88 9.02 -34.32	125.20 8.45 -29.57
NYPA_GOWANUS____GT5 24156	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NYPA_GOWANUS____GT6 24157	109.44 5.21 -32.82	107.81 4.92 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	133.35 5.51 -49.18	185.49 6.65 -91.31	186.42 7.57 -90.87	160.70 7.80 -65.29	151.82 7.91 -56.10	148.79 7.91 -53.07	146.46 7.54 -51.21	146.77 7.41 -53.24	149.22 7.97 -53.63	173.20 8.28 -76.76	189.43 8.03 -93.14	273.54 15.30 -90.06	271.31 15.36 -85.38	221.83 10.33 -95.38	193.39 11.68 -40.93	172.05 8.85 -59.02	152.30 7.09 -57.67	137.67 6.45 -44.05
NYPA_HARLEM__RVR__GT1 24160	108.80 4.57 -32.81	107.24 4.35 -31.54	103.35 4.35 -27.73	101.09 4.28 -25.54	111.24 4.15 -35.53	114.78 4.54 -38.24	126.45 4.80 -42.98	159.85 5.87 -66.46	143.34 6.68 -48.68	124.73 6.92 -30.19	121.04 7.11 -26.12	116.98 7.03 -22.14	113.18 6.75 -18.72	111.69 6.63 -18.94	113.94 7.09 -19.23	131.07 7.41 -35.50	155.51 7.06 -60.19	193.54 13.28 -12.08	188.65 12.96 -5.13	168.51 8.82 -43.58	165.09 10.14 -14.16	141.56 7.71 -29.66	124.70 6.22 -30.94	122.33 5.58 -29.57
NYPA_HARLEM__RVR__GT2 24161	108.80 4.57 -32.81	107.24 4.35 -31.54	103.35 4.35 -27.73	101.09 4.28 -25.54	111.24 4.15 -35.53	114.78 4.54 -38.24	126.45 4.80 -42.98	159.85 5.87 -66.46	143.34 6.68 -48.68	124.73 6.92 -30.19	121.04 7.11 -26.12	116.98 7.03 -22.14	113.18 6.75 -18.72	111.69 6.63 -18.94	113.94 7.09 -19.23	131.07 7.41 -35.50	155.51 7.06 -60.19	193.54 13.28 -12.08	188.65 12.96 -5.13	168.51 8.82 -43.58	165.09 10.14 -14.16	141.56 7.71 -29.66	124.70 6.22 -30.94	122.33 5.58 -29.57
NYPA_KENT____GT 24152	109.30 5.07 -32.82	107.75 4.85 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.74 4.65 -35.54	115.22 4.96 -38.25	127.12 5.42 -43.02	160.59 6.57 -66.50	144.17 7.47 -48.72	125.47 7.62 -30.23	121.78 7.81 -26.16	117.72 7.73 -22.18	113.92 7.45 -18.76	112.34 7.24 -18.98	114.68 7.80 -19.27	131.75 8.11 -35.48	156.34 7.85 -60.23	195.19 14.96 -12.06	190.50 14.83 -5.11	169.65 9.99 -43.55	166.32 11.40 -14.14	142.46 8.64 -29.64	125.37 6.91 -30.92	123.00 6.28 -29.55
NYPA_POUCH1____GT 24155	71.79 4.86 4.48	46.42 4.50 29.42	46.41 4.49 29.35	46.34 4.42 29.36	46.41 4.37 29.51	63.32 4.61 13.29	132.96 5.11 -49.18	185.06 6.22 -91.31	185.97 7.12 -90.87	160.17 7.27 -65.29	151.37 7.46 -56.10	148.34 7.46 -53.07	76.63 7.10 18.17	76.63 6.89 16.39	148.69 7.44 -53.63	172.76 7.84 -76.76	188.99 7.59 -93.14	272.86 14.62 -90.06	270.44 14.49 -85.38	221.36 9.86 -95.38	192.84 11.12 -40.93	171.64 8.44 -59.02	151.86 6.65 -57.67	137.23 6.01 -44.05
NYPA_VERNON____GT2 24162	109.30 5.07 -32.82	107.75 4.85 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	127.09 5.42 -43.00	160.57 6.57 -66.47	144.07 7.39 -48.69	125.44 7.62 -30.21	121.67 7.73 -26.13	117.69 7.73 -22.16	113.81 7.37 -18.74	112.31 7.24 -18.96	114.58 7.71 -19.25	131.77 8.11 -35.50	156.14 7.67 -60.20	194.88 14.62 -12.08	190.19 14.49 -5.13	169.45 9.75 -43.58	166.07 11.12 -14.16	142.28 8.44 -29.66	125.31 6.83 -30.94	122.94 6.19 -29.57
NYPA_VERNON____GT3 24163	109.30 5.07 -32.82	107.75 4.85 -31.55	103.86 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.29 5.04 -38.25	127.09 5.42 -43.00	160.57 6.57 -66.47	144.07 7.39 -48.69	125.44 7.62 -30.21	121.67 7.73 -26.13	117.69 7.73 -22.16	113.81 7.37 -18.74	112.31 7.24 -18.96	114.58 7.71 -19.25	131.77 8.11 -35.50	156.14 7.67 -60.20	194.88 14.62 -12.08	190.19 14.49 -5.13	169.45 9.75 -43.58	166.07 11.12 -14.16	142.28 8.44 -29.66	125.31 6.83 -30.94	122.94 6.19 -29.57
NYPA__ASTORIA_CC1 323568	109.23 5.00 -32.82	107.68 4.78 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.22 4.96 -38.25	126.93 5.27 -42.99	160.38 6.39 -66.46	143.96 7.30 -48.68	125.26 7.44 -30.20	121.57 7.64 -26.13	117.59 7.64 -22.15	113.71 7.28 -18.73	112.21 7.14 -18.95	114.48 7.62 -19.24	131.61 7.94 -35.51	155.95 7.50 -60.20	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.65 10.69 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.86 6.10 -29.58
NYPA__ASTORIA_CC2 323569	109.23 5.00 -32.82	107.68 4.78 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.22 4.96 -38.25	126.93 5.27 -42.99	160.38 6.39 -66.46	143.96 7.30 -48.68	125.26 7.44 -30.20	121.57 7.64 -26.13	117.59 7.64 -22.15	113.71 7.28 -18.73	112.21 7.14 -18.95	114.48 7.62 -19.24	131.61 7.94 -35.51	155.95 7.50 -60.20	194.39 14.13 -12.09	189.69 13.99 -5.14	169.22 9.52 -43.58	165.65 10.69 -14.17	142.08 8.23 -29.67	125.23 6.74 -30.95	122.86 6.10 -29.58
NYPA__HOLTSVILL 23794	117.88 6.29 -40.18	115.12 6.14 -37.64	109.07 6.05 -31.74	110.49 6.20 -33.02	115.44 6.22 -37.66	120.57 6.62 -41.95	137.99 7.32 -52.00	161.76 7.79 -66.44	146.43 9.06 -49.38	126.13 8.33 -30.19	122.18 8.25 -26.12	117.76 7.81 -22.14	113.97 7.54 -18.73	112.55 7.49 -18.94	115.18 8.33 -19.23	132.39 8.73 -35.50	156.23 7.95 -60.03	195.22 14.96 -12.08	190.88 15.17 -5.14	170.36 10.68 -43.57	165.53 11.68 -13.07	142.69 8.85 -29.66	130.00 8.14 -34.32	124.33 7.58 -29.57
NYPA__HELLGATE_GT1 24158	108.80 4.57 -32.81	107.24 4.35 -31.54	103.35 4.35 -27.73	101.09 4.28 -25.54	111.24 4.15 -35.53	114.78 4.54 -38.24	126.45 4.80 -42.98	159.85 5.87 -66.46	143.34 6.68 -48.68	124.73 6.92 -30.19	121.04 7.11 -26.12	116.98 7.03 -22.14	113.18 6.75 -18.72	111.69 6.63 -18.94	113.94 7.09 -19.23	131.07 7.41 -35.50	155.51 7.06 -60.19	193.54 13.28 -12.08	188.65 12.96 -5.13	168.51 8.82 -43.58	165.09 10.14 -14.16	141.56 7.71 -29.66	124.70 6.22 -30.94	122.33 5.58 -29.57
NYPA__HELLGATE_GT2 24159	108.80 4.57 -32.81	107.24 4.35 -31.54	103.35 4.35 -27.73	101.09 4.28 -25.54	111.24 4.15 -35.53	114.78 4.54 -38.24	126.45 4.80 -42.98	159.85 5.87 -66.46	143.34 6.68 -48.68	124.73 6.92 -30.19	121.04 7.11 -26.12	116.98 7.03 -22.14	113.18 6.75 -18.72	111.69 6.63 -18.94	113.94 7.09 -19.23	131.07 7.41 -35.50	155.51 7.06 -60.19	193.54 13.28 -12.08	188.65 12.96 -5.13	168.51 8.82 -43.58	165.09 10.14 -14.16	141.56 7.71 -29.66	124.70 6.22 -30.94	122.33 5.58 -29.57
NYS_BARGE__HYD 23848	64.63 -8.72 -1.93	64.01 -9.20 -1.87	63.86 -9.05 -1.64	63.44 -9.33 -1.50	65.20 -8.44 -2.09	67.44 -6.84 -2.28	74.38 -8.10 -3.81	82.12 -9.89 -4.49	82.07 -9.50 -3.60	78.92 -10.25 -1.55	79.84 -9.31 -1.34	79.28 -9.66 -1.13	78.84 -9.82 -0.95	76.75 -10.34 -0.96	78.17 -10.43 -0.98	83.26 -9.26 -4.35	87.98 -9.18 -8.90	155.89 -20.52 -8.24	159.21 -22.00 -10.64	106.78 -15.09 -5.76	130.44 -20.27 -9.93	91.31 -15.31 -2.44	79.28 -9.80 -1.54	79.59 -9.68 -2.09

OAK ORCHARD___HYD 24046	68.30 -5.14 -2.03	67.66 -5.64 -1.95	67.43 -5.56 -1.71	67.08 -5.77 -1.58	68.89 -4.87 -2.20	71.01 -3.38 -2.39	77.08 -3.07 -1.48	86.40 -4.29 -3.16	86.08 -4.05 -2.14	84.05 -5.25 -1.69	84.79 -4.47 -1.46	84.66 -4.39 -1.24	84.28 -4.47 -1.04	82.18 -5.00 -1.06	83.70 -4.99 -1.07	88.36 -3.53 -3.73	92.17 -3.44 -7.35	157.82 -9.25 1.11	158.39 -10.23 1.95	113.05 -7.20 -4.13	128.55 -10.71 1.53	97.35 -8.23 -1.40	84.06 -5.16 -1.68	84.86 -4.36 -2.04
OAKDALE___35_KV_LOAD 356122	78.48 -1.14 -8.21	78.16 -1.07 -7.89	76.99 -1.21 -6.93	76.52 -1.14 -6.39	79.37 -1.07 -8.89	80.65 -0.94 -9.59	90.39 -0.87 -12.58	104.34 -0.79 -17.60	100.66 -0.62 -13.29	94.28 -0.70 -7.36	93.48 -0.70 -6.37	92.42 -0.79 -5.40	91.39 -0.88 -4.57	89.71 -1.03 -4.62	91.34 -0.96 -4.69	98.07 -0.71 -10.61	107.07 -0.44 -19.25	168.67 -0.67 -1.17	167.80 -0.68 2.08	130.38 -0.46 -14.73	141.85 -1.13 -2.19	109.92 -1.04 -6.78	93.92 -1.14 -7.52	93.45 -1.39 -7.67
OCC_CHEM___DRP 24175	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.50 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.37 -7.92 -2.29	73.98 -8.58 -3.88	80.89 -11.12 -4.48	81.12 -10.47 -3.60	77.31 -11.83 -1.52	78.23 -10.89 -1.31	78.38 -10.54 -1.11	77.94 -10.70 -0.94	75.87 -11.20 -0.95	77.28 -11.30 -0.96	82.71 -9.87 -4.42	87.29 -10.15 -9.18	142.63 -23.21 2.34	141.21 -24.73 4.62	100.41 -16.84 -1.13	116.25 -22.53 2.01	88.30 -16.77 -0.89	77.69 -11.38 -1.53	79.27 -10.03 -2.12
OH_GEN_PROXY 24063	64.27 -9.14 -1.99	63.76 -9.49 -1.91	63.54 -9.41 -1.68	63.19 -9.62 -1.55	64.84 -8.88 -2.16	67.16 -7.20 -2.36	74.78 -7.79 -3.90	82.34 -9.80 -4.61	82.26 -9.41 -3.69	78.60 -10.60 -1.59	79.44 -9.75 -1.38	79.41 -9.57 -1.17	78.95 -9.74 -0.98	76.87 -10.25 -1.00	78.29 -10.34 -1.01	83.60 -8.99 -4.44	88.23 -9.09 -9.06	143.19 -20.52 4.46	140.72 -22.17 7.67	101.98 -15.09 -0.95	116.09 -20.27 4.42	89.81 -15.00 -0.63	78.79 -10.33 -1.58	80.00 -9.33 -2.15
OLIN_CORP_DRP 24177	64.20 -9.14 -1.92	63.49 -9.70 -1.85	63.41 -9.48 -1.62	62.93 -9.84 -1.49	64.77 -8.87 -2.08	67.15 -7.13 -2.28	73.68 -8.89 -3.90	80.80 -11.20 -4.48	81.03 -10.56 -3.61	78.09 -11.04 -1.51	79.10 -10.01 -1.30	78.29 -10.62 -1.10	77.76 -10.88 -0.93	75.78 -11.28 -0.94	77.18 -11.39 -0.96	82.48 -10.14 -4.46	87.20 -10.33 -9.27	145.39 -23.21 -0.42	145.35 -24.56 0.65	101.61 -16.72 -2.21	119.66 -22.24 -1.13	88.79 -16.67 -1.28	78.65 -10.42 -1.53	78.92 -10.37 -2.12
OLIN_CORP_DSASP 323712	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.49 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.30 -7.99 -2.29	73.98 -8.57 -3.88	81.20 -10.86 -4.53	81.24 -10.38 -3.64	77.33 -11.83 -1.54	78.25 -10.89 -1.33	78.40 -10.54 -1.13	77.95 -10.70 -0.95	75.89 -11.19 -0.96	77.29 -11.30 -0.98	82.65 -9.96 -4.45	87.25 -10.15 -9.14	142.96 -22.87 2.34	141.21 -24.73 4.62	100.38 -16.84 -1.11	116.24 -22.53 2.01	88.40 -16.67 -0.89	77.69 -11.38 -1.53	79.18 -10.11 -2.12
ONEIDA_HERK_LFGE 323681	73.60 1.21 -0.98	73.63 1.35 -0.94	73.23 1.14 -0.82	73.31 1.28 -0.76	74.04 1.43 -1.06	74.79 1.66 -1.14	81.36 1.89 -0.81	92.22 2.88 -1.81	92.02 2.81 -1.23	91.13 2.54 -0.97	91.02 2.37 -0.84	91.07 2.55 -0.71	90.76 2.45 -0.60	88.97 2.24 -0.61	90.60 2.37 -0.62	92.12 2.82 -1.14	93.22 3.17 -1.79	174.86 6.55 -0.13	177.39 6.83 0.00	121.77 4.76 -0.89	145.71 4.92 0.00	108.19 3.12 -0.88	90.56 2.10 -0.92	90.41 2.35 -0.88
ONEIDA___115KV_TB4 55905	74.78 1.50 -1.87	74.71 1.57 -1.80	74.21 1.35 -1.58	74.22 1.50 -1.46	75.30 1.72 -2.02	76.27 2.09 -2.18	82.74 2.52 -1.55	96.25 4.29 -4.43	95.30 4.31 -3.01	93.86 3.86 -2.38	93.65 3.78 -2.06	93.42 3.86 -1.75	92.95 3.77 -1.48	91.15 3.53 -1.50	92.73 3.59 -1.52	94.71 4.32 -2.23	95.71 3.44 -4.02	175.20 6.73 -0.30	177.39 6.82 0.00	122.76 4.64 -2.00	145.57 4.79 0.00	109.10 3.23 -1.69	91.75 2.45 -1.76	91.13 2.27 -1.69
ONONDAGA_REF_OCCRA 23987	74.58 -1.43 -4.59	74.26 -1.50 -4.42	73.51 -1.64 -3.88	73.21 -1.64 -3.58	75.17 -1.36 -4.97	76.33 -1.01 -5.34	81.79 -0.79 -3.91	94.84 -0.79 -8.10	92.86 -0.62 -5.50	91.00 -0.96 -4.35	90.78 -0.79 -3.76	90.12 -0.88 -3.19	89.44 -0.96 -2.70	87.73 -1.12 -2.73	89.25 -1.14 -2.77	91.76 -0.62 -4.21	94.42 -0.53 -6.69	168.75 -1.35 -1.93	171.20 -1.19 -1.83	118.51 -0.93 -3.33	140.39 -1.83 -1.44	107.08 -1.56 -4.46	90.68 -1.31 -4.45	89.81 -1.39 -4.03
ONONDAGA___COGEN 23986	73.39 -1.36 -3.33	73.05 -1.50 -3.20	72.45 -1.64 -2.81	72.30 -1.57 -2.59	73.87 -1.29 -3.61	74.87 -1.01 -3.88	80.64 -0.79 -2.76	92.45 -0.79 -5.71	91.15 -0.70 -3.87	89.63 -1.05 -3.06	89.58 -0.88 -2.65	89.09 -0.97 -2.25	88.55 -1.05 -1.90	86.84 -1.21 -1.92	88.43 -1.14 -1.95	91.15 -0.62 -3.60	93.92 -0.53 -6.19	167.29 -1.35 -0.46	169.20 -1.36 0.00	118.26 -0.93 -3.08	138.81 -1.97 0.00	105.53 -1.67 -3.01	89.37 -1.31 -3.14	88.78 -1.39 -3.00
ONTARIO___LFGE 23819	69.37 -2.50 -0.46	69.06 -2.71 -0.43	68.80 -2.85 -0.38	68.77 -2.85 -0.35	69.76 -2.29 -0.50	70.93 -1.65 -0.58	79.81 -1.10 -2.24	87.73 -1.23 -1.43	88.34 -1.15 -1.51	85.60 -1.93 0.09	85.97 -1.76 0.08	85.81 -1.93 0.07	85.54 -2.11 0.06	83.82 -2.24 0.06	85.37 -2.19 0.06	90.86 -1.05 -3.75	96.07 -0.88 -8.70	160.42 -3.36 4.39	159.98 -3.41 7.17	124.24 -1.97 -10.10	132.89 -3.79 4.10	100.13 -3.02 1.02	85.17 -2.19 0.18	85.69 -2.27 -0.78
ORANGEVILLE_WT_PWR 323706	65.19 -7.57 -1.35	64.92 -7.71 -1.29	64.63 -7.77 -1.13	64.47 -7.84 -1.04	65.57 -7.44 -1.46	67.14 -6.48 -1.62	75.58 -6.77 -3.67	83.19 -7.70 -3.36	83.39 -7.57 -2.98	79.64 -8.68 -0.70	80.34 -8.08 -0.61	80.24 -8.08 -0.51	79.98 -8.15 -0.43	78.29 -8.27 -0.43	80.00 -8.06 -0.44	86.12 -7.06 -5.01	92.76 -6.53 -11.04	150.32 -13.46 4.40	148.29 -14.67 7.61	93.39 -9.99 12.74	123.28 -13.52 3.99	93.56 -10.32 0.31	79.95 -8.23 -0.64	80.54 -8.28 -1.65
ORANGEVILLE___ESR 323794	65.19 -7.57 -1.35	64.92 -7.71 -1.29	64.63 -7.77 -1.13	64.47 -7.84 -1.04	65.57 -7.44 -1.46	67.14 -6.48 -1.62	75.58 -6.77 -3.67	83.19 -7.70 -3.36	83.39 -7.57 -2.98	79.64 -8.68 -0.70	80.34 -8.08 -0.61	80.24 -8.08 -0.51	79.98 -8.15 -0.43	78.29 -8.27 -0.43	80.00 -8.06 -0.44	86.12 -7.06 -5.01	92.76 -6.53 -11.04	150.32 -13.46 4.40	148.29 -14.67 7.61	93.39 -9.99 12.74	123.28 -13.52 3.99	93.56 -10.32 0.31	79.95 -8.23 -0.64	80.54 -8.28 -1.65
OSWEGATCHIE___HYD 24044	72.25 0.00 -0.84	72.29 0.14 -0.81	71.98 0.00 -0.71	72.07 0.14 -0.65	72.39 -0.07 -0.91	72.55 -0.43 -0.98	78.66 -0.71 -0.69	88.86 -0.17 -1.50	88.29 -0.71 -1.02	87.81 -0.61 -0.81	87.98 -0.52 -0.70	87.96 -0.44 -0.59	87.77 -0.44 -0.50	86.28 -0.34 -0.51	87.78 -0.35 -0.51	88.58 -0.53 -0.95	89.79 0.00 -1.54	168.62 0.34 -0.11	171.59 1.03 0.00	117.70 0.82 -0.76	141.35 0.57 0.00	105.04 0.10 -0.76	88.16 -0.17 -0.79	88.55 0.61 -0.75
OSWEGO___5 23606	71.18 -2.57 -2.34	70.95 -2.64 -2.25	70.54 -2.71 -1.98	70.38 -2.71 -1.82	71.58 -2.51 -2.53	72.49 -2.23 -2.72	78.32 -2.28 -1.94	89.03 -2.54 -4.04	88.26 -2.46 -2.74	86.98 -2.81 -2.17	87.05 -2.63 -1.88	86.77 -2.63 -1.59	86.33 -2.72 -1.35	84.72 -2.76 -1.36	86.19 -2.81 -1.38	88.34 -2.38 -2.55	90.16 -2.38 -4.29	163.61 -4.88 -0.32	165.45 -5.11 0.00	114.77 -3.48 -2.13	136.00 -4.79 0.00	102.65 -3.65 -2.11	86.86 -2.89 -2.20	86.41 -2.87 -2.11

OSWEGO___6 23613	71.18 -2.57 -2.34	70.95 -2.64 -2.25	70.54 -2.71 -1.98	70.38 -2.71 -1.82	71.58 -2.51 -2.53	72.49 -2.23 -2.72	78.32 -2.28 -1.94	89.03 -2.54 -4.04	88.26 -2.46 -2.74	86.98 -2.81 -2.17	87.05 -2.63 -1.88	86.77 -2.63 -1.59	86.33 -2.72 -1.35	84.72 -2.76 -1.36	86.19 -2.81 -1.38	88.34 -2.38 -2.55	90.16 -2.38 -4.29	163.61 -4.88 -0.32	165.45 -5.11 0.00	114.77 -3.48 -2.13	136.00 -4.79 0.00	102.65 -3.65 -2.11	86.86 -2.89 -2.20	86.41 -2.87 -2.11
OUTOKUMPU-AB___DRP 24206	64.89 -8.43 -1.91	64.47 -8.70 -1.83	64.19 -8.70 -1.61	63.84 -8.91 -1.48	65.47 -8.16 -2.07	67.56 -6.70 -2.26	75.18 -7.40 -3.91	82.45 -9.54 -4.46	82.70 -8.89 -3.60	79.39 -9.73 -1.50	80.14 -8.96 -1.29	80.12 -8.78 -1.09	79.59 -9.03 -0.92	77.58 -9.47 -0.93	79.01 -9.55 -0.95	84.18 -8.46 -4.48	89.13 -8.47 -9.34	150.07 -19.00 -0.90	150.30 -20.30 -0.03	104.49 -13.82 -2.19	123.73 -18.72 -1.68	91.35 -14.17 -1.33	79.51 -9.54 -1.51	80.31 -8.98 -2.12
OXBOW___BTM 323836	64.19 -9.14 -1.92	63.70 -9.49 -1.84	63.41 -9.48 -1.62	63.07 -9.69 -1.49	64.76 -8.88 -2.08	67.07 -7.20 -2.27	74.70 -7.87 -3.89	82.16 -9.89 -4.52	82.12 -9.50 -3.64	78.45 -10.69 -1.53	79.38 -9.75 -1.32	79.44 -9.48 -1.12	79.00 -9.65 -0.94	76.91 -10.16 -0.95	78.34 -10.25 -0.97	83.65 -8.99 -4.48	88.39 -9.09 -9.22	146.81 -20.52 0.84	146.10 -22.00 2.47	102.61 -15.09 -1.59	120.07 -20.41 0.30	90.17 -15.11 -1.09	78.73 -10.33 -1.52	79.88 -9.42 -2.12
OXBOW____ 24026	64.19 -9.14 -1.92	63.70 -9.49 -1.84	63.41 -9.48 -1.62	63.07 -9.69 -1.49	64.77 -8.87 -2.08	67.07 -7.20 -2.27	74.70 -7.87 -3.89	81.85 -10.15 -4.47	82.08 -9.50 -3.60	78.52 -10.60 -1.51	79.36 -9.75 -1.30	79.43 -9.48 -1.10	78.99 -9.65 -0.93	76.90 -10.16 -0.94	78.32 -10.25 -0.96	83.63 -8.99 -4.46	88.43 -9.09 -9.26	146.65 -20.69 0.84	145.93 -22.17 2.47	102.63 -15.09 -1.61	120.07 -20.41 0.30	90.07 -15.21 -1.09	78.73 -10.33 -1.52	79.88 -9.42 -2.12
OXY_CHEM_DSASP 323612	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.50 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.37 -7.92 -2.29	73.98 -8.58 -3.88	80.89 -11.12 -4.48	81.12 -10.47 -3.60	77.31 -11.83 -1.52	78.23 -10.89 -1.31	78.38 -10.54 -1.11	77.94 -10.70 -0.94	75.87 -11.20 -0.95	77.28 -11.30 -0.96	82.71 -9.87 -4.42	87.29 -10.15 -9.18	142.63 -23.21 2.34	141.21 -24.73 4.62	100.41 -16.84 -1.13	116.25 -22.53 2.01	88.30 -16.77 -0.89	77.69 -11.38 -1.53	79.27 -10.03 -2.12
OZONE_PARK_ESR 323760	109.58 5.36 -32.81	108.03 5.14 -31.55	104.21 5.20 -27.73	101.95 5.13 -25.55	112.17 5.08 -35.54	115.58 5.33 -38.25	127.72 6.06 -42.99	161.25 7.27 -66.45	144.66 8.01 -48.68	125.96 8.15 -30.19	122.10 8.17 -26.12	118.03 8.08 -22.14	114.24 7.81 -18.73	112.73 7.66 -18.94	114.91 8.06 -19.24	132.04 8.38 -35.50	156.75 8.30 -60.20	196.41 16.14 -12.09	191.91 16.20 -5.14	170.61 10.91 -43.58	167.48 12.53 -14.17	143.12 9.27 -29.67	125.93 7.44 -30.94	123.38 6.63 -29.58
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.50 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.37 -7.92 -2.29	73.98 -8.58 -3.88	80.89 -11.12 -4.48	81.12 -10.47 -3.60	77.31 -11.83 -1.52	78.23 -10.89 -1.31	78.38 -10.54 -1.11	77.94 -10.70 -0.94	75.87 -11.20 -0.95	77.28 -11.30 -0.96	82.71 -9.87 -4.42	87.29 -10.15 -9.18	142.63 -23.21 2.34	141.21 -24.73 4.62	100.41 -16.84 -1.13	116.25 -22.53 2.01	88.30 -16.77 -0.89	77.69 -11.38 -1.53	79.27 -10.03 -2.12
PACKARD__115KV_DUPONT_184 80571	63.28 -10.07 -1.94	62.71 -10.49 -1.86	62.50 -10.41 -1.63	62.15 -10.62 -1.50	63.85 -9.80 -2.10	66.37 -7.92 -2.29	73.98 -8.58 -3.88	80.89 -11.12 -4.48	81.12 -10.47 -3.60	77.31 -11.83 -1.52	78.23 -10.89 -1.31	78.38 -10.54 -1.11	77.94 -10.70 -0.94	75.87 -11.20 -0.95	77.28 -11.30 -0.96	82.71 -9.87 -4.42	87.29 -10.15 -9.18	142.63 -23.21 2.34	141.21 -24.73 4.62	100.41 -16.84 -1.13	116.25 -22.53 2.01	88.30 -16.77 -0.89	77.69 -11.38 -1.53	79.27 -10.03 -2.12
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	108.87 4.64 -32.82	107.32 4.42 -31.55	103.43 4.42 -27.74	101.17 4.35 -25.55	111.39 4.29 -35.54	114.86 4.61 -38.25	126.62 4.96 -42.99	160.11 6.13 -66.46	143.52 6.86 -48.68	124.91 7.10 -30.20	121.22 7.29 -26.12	117.15 7.20 -22.15	113.36 6.93 -18.73	111.79 6.72 -18.95	114.04 7.18 -19.24	131.07 7.41 -35.51	155.61 7.15 -60.20	193.88 13.62 -12.09	189.18 13.47 -5.14	168.76 9.06 -43.59	165.23 10.28 -14.17	141.77 7.92 -29.67	124.88 6.39 -30.95	122.34 5.58 -29.58
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	109.51 5.28 -32.82	107.89 4.99 -31.55	104.07 5.06 -27.74	101.81 4.99 -25.55	112.03 4.94 -35.54	115.51 5.26 -38.25	127.33 5.66 -42.99	160.81 6.83 -66.46	144.31 7.65 -48.68	125.61 7.80 -30.20	121.92 7.99 -26.12	117.86 7.90 -22.15	113.98 7.54 -18.73	112.39 7.32 -18.95	114.65 7.80 -19.24	131.69 8.02 -35.51	156.23 7.77 -60.20	195.06 14.80 -12.09	190.54 14.84 -5.14	169.69 9.99 -43.59	166.36 11.40 -14.17	142.61 8.75 -29.67	125.58 7.09 -30.95	123.12 6.36 -29.58
PATROON__115KV_TB1 80586	114.63 2.79 -40.43	113.00 2.78 -38.88	108.15 2.71 -34.18	105.46 2.71 -31.48	118.21 2.86 -43.79	122.08 2.95 -47.13	164.03 2.99 -82.36	191.82 3.24 -101.05	171.21 3.52 -79.71	128.50 3.68 -37.20	123.86 3.86 -32.19	119.13 4.04 -27.29	114.90 4.12 -23.08	113.51 4.05 -23.34	114.83 3.50 -23.70	135.26 3.35 -43.75	165.52 3.09 -74.17	202.90 5.72 -29.01	192.08 5.63 -15.89	199.03 3.83 -79.08	189.10 4.51 -43.81	143.97 3.23 -36.56	128.82 3.15 -38.13	127.11 3.49 -36.45
PATTRSNVILLE__SOLAR 323815	117.16 3.14 -42.61	115.45 3.14 -40.97	110.42 3.13 -36.02	107.58 3.13 -33.18	121.00 3.29 -46.15	125.13 3.46 -49.67	190.75 3.93 -108.15	212.32 4.37 -120.42	190.80 4.48 -98.34	130.77 3.95 -39.21	125.59 3.86 -33.92	120.17 3.60 -28.76	115.54 3.51 -24.32	114.08 3.36 -24.60	116.19 3.59 -24.98	138.33 4.06 -46.11	171.19 4.76 -78.17	218.41 9.41 -40.82	203.79 9.55 -23.68	224.39 6.50 -101.77	213.54 7.46 -65.30	148.12 5.41 -38.53	132.19 4.46 -40.19	129.77 4.18 -38.41
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	66.82 -6.50 -1.90	67.24 -5.92 -1.82	66.60 -6.27 -1.60	66.69 -6.06 -1.47	67.03 -6.58 -2.06	67.13 -7.13 -2.26	74.75 -8.10 -4.19	84.64 -7.53 -4.64	84.29 -7.48 -3.78	82.28 -6.83 -1.50	81.81 -7.29 -1.29	81.79 -7.11 -1.09	81.26 -7.37 -0.92	79.56 -7.49 -0.93	80.68 -7.89 -0.95	84.56 -8.46 -4.86	90.16 -8.30 -10.20	152.81 -13.29 2.08	153.08 -13.13 4.35	108.15 -9.06 -1.09	128.21 -10.98 1.60	96.63 -8.44 -0.89	80.48 -8.58 -1.52	79.98 -9.42 -2.22
PAWLING_115_KV_BK3_REV_LBMP_H 345028	109.92 5.36 -33.15	108.50 5.28 -31.88	104.50 5.20 -28.02	102.29 5.20 -25.81	112.68 5.22 -35.90	116.19 5.54 -38.64	128.65 6.45 -43.52	162.08 7.35 -67.20	145.23 8.01 -49.24	126.18 8.06 -30.51	122.28 8.08 -26.39	118.17 7.99 -22.37	114.34 7.72 -18.92	112.75 7.49 -19.14	115.11 8.06 -19.44	132.41 8.38 -35.87	157.64 8.56 -60.82	196.74 16.31 -12.26	192.16 16.37 -5.22	171.26 11.03 -44.11	167.99 12.81 -14.40	143.64 9.48 -29.98	126.51 7.70 -31.26	124.03 6.97 -29.88
PEEKSKILL____ 23653	108.39 4.50 -32.48	106.92 4.35 -31.23	103.07 4.35 -27.45	100.84 4.28 -25.29	111.02 4.29 -35.17	114.40 4.54 -37.86	126.25 5.04 -42.54	159.17 5.87 -65.78	142.76 6.60 -48.18	124.16 6.66 -29.89	120.34 6.67 -25.86	116.32 6.59 -21.92	112.64 6.40 -18.54	111.08 6.20 -18.75	113.31 6.66 -19.04	130.27 6.96 -35.14	154.72 6.89 -59.57	193.26 13.13 -11.96	188.79 13.13 -5.09	168.19 8.94 -43.13	165.08 10.27 -14.02	141.15 7.60 -29.36	124.38 6.22 -30.63	122.11 5.66 -29.27

PGE MADISON___WINDPWR 24146	90.28 3.43 -15.44	89.91 3.71 -14.86	87.54 3.21 -13.06	86.80 3.49 -12.03	92.21 3.93 -16.72	94.48 4.54 -17.94	104.46 5.19 -20.59	126.70 6.91 -32.26	118.22 6.68 -23.55	108.56 6.13 -14.81	106.42 5.79 -12.82	104.56 5.88 -10.87	102.52 5.62 -9.20	100.59 5.17 -9.30	102.67 5.61 -9.44	108.11 7.23 -12.72	115.25 8.39 -18.61	198.73 18.17 -12.39	202.01 19.44 -12.01	146.26 13.35 -16.80	168.94 14.08 -14.08	129.78 10.00 -15.60	109.92 7.18 -15.20	106.73 6.19 -13.36
PIERCEFIELD___HYD 23852	71.34 -0.07 0.00	71.41 0.07 0.00	71.41 0.14 0.00	71.56 0.29 0.00	71.34 -0.21 0.00	70.78 -1.22 0.00	76.94 -1.73 0.00	85.95 -1.58 0.00	85.52 -2.46 0.00	85.69 -1.93 0.00	86.23 -1.58 0.00	86.23 -1.58 0.00	86.21 -1.49 0.00	84.92 -1.21 0.00	86.39 -1.23 0.00	86.05 -2.12 0.00	86.05 -2.21 0.00	163.97 -4.20 0.00	166.98 -3.58 0.00	113.79 -2.32 0.00	138.53 -2.25 0.00	102.93 -1.25 0.00	86.67 -0.88 0.00	87.18 0.00 0.00
PINELAWN_CC_1 323563	117.81 6.21 -40.18	114.97 5.99 -37.64	109.00 5.99 -31.74	110.28 5.99 -33.02	115.15 5.94 -37.66	120.29 6.34 -41.95	137.75 7.08 -52.00	161.76 7.79 -66.44	146.34 8.98 -49.38	126.48 8.68 -30.19	122.44 8.51 -26.12	118.12 8.17 -22.14	114.41 7.98 -18.73	112.98 7.92 -18.94	115.53 8.68 -19.23	132.04 8.38 -35.50	155.90 7.59 -60.05	194.05 13.79 -12.08	189.51 13.81 -5.14	169.44 9.75 -43.57	164.57 10.69 -13.09	142.39 8.54 -29.66	130.26 8.40 -34.32	124.59 7.85 -29.57
PJM_GEN_HTP_PROXY 323702	109.08 4.86 -32.81	107.52 4.63 -31.55	103.63 4.63 -27.73	101.45 4.63 -25.55	111.67 4.58 -35.53	115.14 4.90 -38.24	127.08 5.42 -42.98	160.37 6.39 -66.45	143.87 7.22 -48.68	125.17 7.36 -30.19	121.21 7.28 -26.12	117.24 7.28 -22.14	113.45 7.02 -18.73	111.96 6.89 -18.94	114.21 7.36 -19.24	131.33 7.67 -35.50	155.94 7.50 -60.18	194.55 14.29 -12.09	189.85 14.15 -5.14	169.32 9.63 -43.57	166.07 11.12 -14.17	142.08 8.23 -29.67	125.13 6.65 -30.94	122.85 6.10 -29.57
PJM_GEN_KEystone 24065	42.87 -4.28 24.26	40.77 -4.28 26.29	39.63 -4.35 27.29	39.71 -4.35 27.21	41.37 -4.29 25.89	43.49 -3.96 24.55	58.40 -4.33 15.94	61.95 -4.73 20.85	52.38 -4.40 31.20	44.94 -4.56 38.12	39.96 -4.47 43.37	38.84 -4.47 44.49	37.85 -4.65 45.20	36.71 -4.82 44.59	34.62 -4.82 48.18	35.54 -4.59 48.03	43.05 -4.41 40.80	64.85 -8.57 94.75	56.78 -9.05 104.74	50.59 -6.04 59.48	48.16 -8.17 84.45	46.08 -6.05 52.06	42.02 -5.16 40.36	38.38 -5.14 43.65
PJM_GEN_NEPTUNE_PROXY 323594	113.55 5.36 -36.78	111.37 5.21 -34.82	106.36 5.20 -29.89	106.04 5.20 -29.57	113.39 5.15 -36.67	117.71 5.47 -40.24	132.56 6.06 -47.83	160.71 6.74 -66.44	144.78 7.74 -49.05	125.52 7.71 -30.19	121.48 7.55 -26.12	117.32 7.38 -22.14	113.53 7.10 -18.73	112.13 7.06 -18.94	114.47 7.62 -19.23	131.68 8.02 -35.50	155.74 7.50 -59.99	194.39 14.13 -12.08	189.85 14.15 -5.14	169.55 9.86 -43.57	164.84 11.12 -12.93	142.18 8.34 -29.66	127.56 7.26 -32.76	123.46 6.71 -29.57
PJM_GEN_VFT_PROXY 323633	63.02 4.36 12.75	46.12 4.21 29.43	46.11 4.20 29.37	46.11 4.20 29.37	46.11 4.08 29.52	63.02 4.32 13.30	57.36 4.88 26.19	65.92 5.78 27.39	54.16 6.60 40.42	47.76 6.75 46.60	46.95 6.67 47.53	44.99 6.67 49.49	43.44 6.40 50.66	41.72 6.28 50.69	41.62 6.75 52.74	43.52 7.06 51.70	43.99 6.89 51.16	31.01 13.13 150.29	28.56 12.96 154.96	26.06 8.82 98.88	50.18 10.00 100.60	47.50 7.51 64.19	49.21 5.96 44.29	68.27 5.41 24.31
PLATSBURG_115KV_PMLD1 355749	70.41 -1.00 0.00	70.41 -0.93 0.00	70.63 -0.64 0.00	70.91 -0.36 0.00	71.20 -0.36 0.00	70.56 -1.44 0.00	76.94 -1.73 0.00	85.78 -1.75 0.00	85.43 -2.55 0.00	85.43 -2.19 0.00	85.44 -2.37 0.00	85.35 -2.46 0.00	85.25 -2.46 0.00	84.06 -2.07 0.00	85.60 -2.02 0.00	85.87 -2.29 0.00	86.49 -1.77 0.00	164.98 -3.20 0.00	168.35 -2.22 0.00	114.61 -1.51 0.00	139.66 -1.13 0.00	103.56 -0.63 0.00	87.02 -0.53 0.00	87.87 0.70 0.00
PLEASANTVLY___LBMP 24000	109.83 4.21 -34.20	108.36 4.14 -32.88	104.31 4.13 -28.91	102.03 4.13 -26.63	112.67 4.08 -37.04	116.18 4.32 -39.86	128.34 4.80 -44.87	162.43 5.60 -69.30	144.83 6.07 -50.78	125.22 6.13 -31.47	121.18 6.15 -27.22	117.03 6.15 -23.08	113.19 5.96 -19.52	111.64 5.77 -19.74	113.80 6.13 -20.05	131.42 6.26 -37.00	157.35 6.35 -62.74	192.91 12.11 -12.63	188.05 12.11 -5.38	169.84 8.24 -45.48	165.19 9.57 -14.83	142.19 7.08 -30.92	125.57 5.78 -32.25	123.23 5.23 -30.83
PLSNTVLE_13_KV_13.8KVDIST 80602	109.11 4.64 -33.05	107.62 4.49 -31.78	103.70 4.49 -27.94	101.50 4.49 -25.74	111.79 4.44 -35.80	115.21 4.68 -38.53	127.24 5.27 -43.29	160.68 6.21 -66.93	143.87 6.86 -49.03	124.95 6.92 -30.41	121.06 6.94 -26.31	116.96 6.85 -22.31	113.23 6.67 -18.87	111.66 6.46 -19.08	113.83 6.83 -19.38	130.98 7.05 -35.76	155.96 7.06 -60.64	193.97 13.62 -12.17	189.38 13.65 -5.17	169.30 9.29 -43.90	165.75 10.70 -14.27	141.99 7.92 -29.89	125.10 6.39 -31.17	122.72 5.75 -29.79
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	109.11 4.64 -33.05	107.62 4.49 -31.78	103.70 4.49 -27.94	101.50 4.49 -25.74	111.79 4.44 -35.80	115.21 4.68 -38.53	127.24 5.27 -43.29	160.68 6.21 -66.93	143.87 6.86 -49.03	124.95 6.92 -30.41	121.06 6.94 -26.31	116.96 6.85 -22.31	113.23 6.67 -18.87	111.66 6.46 -19.08	113.83 6.83 -19.38	130.98 7.05 -35.76	155.96 7.06 -60.64	193.97 13.62 -12.17	189.38 13.65 -5.17	169.30 9.29 -43.90	165.75 10.70 -14.27	141.99 7.92 -29.89	125.10 6.39 -31.17	122.72 5.75 -29.79
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	109.84 4.93 -33.50	108.33 4.78 -32.21	104.36 4.78 -28.31	102.06 4.70 -26.08	112.56 4.72 -36.28	116.09 5.04 -39.05	128.75 5.66 -44.41	162.19 6.48 -68.18	144.98 6.95 -50.04	125.36 6.92 -30.82	121.32 6.85 -26.67	117.18 6.76 -22.61	113.49 6.67 -19.12	111.83 6.37 -19.34	114.18 6.92 -19.64	131.55 7.14 -36.24	157.13 7.41 -61.46	195.06 14.29 -12.59	190.31 14.33 -5.42	170.70 9.64 -44.95	166.98 11.26 -14.94	142.70 8.23 -30.29	125.87 6.74 -31.59	123.47 6.10 -30.20
POLETTI_____ 23519	107.64 4.64 -31.59	107.32 4.42 -31.55	103.50 4.49 -27.73	101.24 4.42 -25.55	107.64 4.36 -31.72	107.64 4.61 -31.03	117.39 5.19 -33.53	126.03 6.21 -32.29	132.99 6.95 -38.06	117.48 7.10 -22.77	89.22 7.11 5.70	88.21 7.11 6.71	86.36 6.84 8.19	86.51 6.63 6.25	86.51 7.10 8.20	95.79 7.32 -0.31	120.23 7.24 -24.73	141.27 13.96 40.86	141.44 13.99 43.12	109.28 9.41 16.24	109.41 10.70 42.08	106.35 8.02 5.85	89.50 6.39 4.43	100.96 5.67 -8.12
POMONA___ESR 323819	107.34 4.28 -31.65	105.91 4.14 -30.43	102.15 4.13 -26.75	99.97 4.06 -24.64	109.90 4.08 -34.27	113.21 4.32 -36.89	124.99 4.88 -41.44	157.30 5.69 -64.08	141.25 6.34 -46.94	123.13 6.39 -29.12	119.33 6.33 -25.19	115.49 6.33 -21.36	111.90 6.14 -18.06	110.33 5.94 -18.27	112.56 6.39 -18.55	129.10 6.70 -34.24	152.93 6.62 -58.05	192.44 12.62 -11.65	188.14 12.62 -4.95	166.72 8.59 -42.01	164.28 9.85 -13.65	140.09 7.29 -28.61	123.34 5.96 -29.84	121.11 5.41 -28.52
PORT_JEFF_3 23555	118.16 6.57 -40.18	115.40 6.42 -37.64	109.35 6.34 -31.74	110.71 6.42 -33.02	115.73 6.51 -37.66	120.86 6.91 -41.95	138.38 7.71 -52.00	162.19 8.23 -66.44	146.87 9.50 -49.38	126.48 8.68 -30.19	122.62 8.69 -26.12	118.20 8.25 -22.14	114.33 7.90 -18.73	112.90 7.84 -18.94	115.53 8.68 -19.23	132.83 9.17 -35.50	156.76 8.47 -60.03	196.06 15.80 -12.08	191.73 16.03 -5.14	170.94 11.26 -43.57	166.09 12.24 -13.07	143.22 9.38 -29.66	130.44 8.58 -34.32	124.76 8.02 -29.57

PORT_JEFF_4 23616	118.16 6.57 -40.18	115.40 6.42 -37.64	109.35 6.34 -31.74	110.71 6.42 -33.02	115.73 6.51 -37.66	120.86 6.91 -41.95	138.38 7.71 -52.00	162.19 8.23 -66.44	146.87 9.50 -49.38	126.48 8.68 -30.19	122.62 8.69 -26.12	118.20 8.25 -22.14	114.33 7.90 -18.73	112.90 7.84 -18.94	115.53 8.68 -19.23	132.83 9.17 -35.50	156.76 8.47 -60.03	196.06 15.80 -12.08	191.73 16.03 -5.14	170.94 11.26 -43.57	166.09 12.24 -13.07	143.22 9.38 -29.66	130.44 8.58 -34.32	124.76 8.02 -29.57
PORT_JEFF_IC 23713	118.17 6.57 -40.18	115.40 6.42 -37.64	109.36 6.34 -31.74	110.85 6.56 -33.02	115.73 6.51 -37.66	120.65 6.70 -41.95	138.38 7.71 -52.00	162.45 8.49 -66.43	146.95 9.59 -49.38	126.56 8.76 -30.18	122.70 8.78 -26.11	118.29 8.34 -22.14	114.41 7.98 -18.72	112.98 7.92 -18.94	115.26 8.41 -19.23	131.85 8.20 -35.49	156.85 8.56 -60.03	196.40 16.14 -12.09	192.25 16.54 -5.14	170.95 11.26 -43.57	166.24 12.39 -13.07	143.32 9.48 -29.66	130.44 8.58 -34.32	124.59 7.85 -29.57
PPL_PILGRIM_ST_GT1 24216	118.31 6.71 -40.18	115.54 6.56 -37.64	109.50 6.48 -31.74	110.78 6.48 -33.02	115.73 6.51 -37.66	120.86 6.91 -41.95	138.46 7.79 -52.00	162.29 8.32 -66.44	147.04 9.68 -49.38	127.00 9.20 -30.19	122.97 9.05 -26.12	118.64 8.69 -22.14	114.85 8.42 -18.73	113.41 8.35 -18.94	116.05 9.20 -19.23	133.27 9.61 -35.50	157.11 8.82 -60.03	195.90 15.64 -12.08	191.38 15.68 -5.14	171.53 11.85 -43.57	166.96 13.10 -13.08	143.63 9.79 -29.66	130.88 9.02 -34.32	125.20 8.45 -29.57
PPL_PILGRIM_ST_GT2 24217	118.31 6.71 -40.18	115.54 6.56 -37.64	109.50 6.48 -31.74	110.78 6.48 -33.02	115.73 6.51 -37.66	120.86 6.91 -41.95	138.46 7.79 -52.00	162.29 8.32 -66.44	147.04 9.68 -49.38	127.00 9.20 -30.19	122.97 9.05 -26.12	118.64 8.69 -22.14	114.85 8.42 -18.73	113.41 8.35 -18.94	116.05 9.20 -19.23	133.27 9.61 -35.50	157.11 8.82 -60.03	195.90 15.64 -12.08	191.38 15.68 -5.14	171.53 11.85 -43.57	166.96 13.10 -13.08	143.63 9.79 -29.66	130.88 9.02 -34.32	125.20 8.45 -29.57
PPL_SHRM_GT3 24213	118.16 6.57 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	110.99 6.70 -33.02	116.08 6.87 -37.66	121.30 7.35 -41.95	138.93 8.26 -52.00	162.90 8.93 -66.44	147.56 10.20 -49.38	125.69 7.89 -30.19	122.09 8.17 -26.12	117.58 7.64 -22.14	113.36 6.93 -18.73	111.96 6.89 -18.94	114.65 7.80 -19.23	132.12 8.46 -35.50	156.14 7.85 -60.03	195.72 15.46 -12.08	191.22 15.52 -5.14	170.59 10.91 -43.57	165.53 11.68 -13.07	142.49 8.64 -29.66	129.74 7.88 -34.32	124.07 7.32 -29.57
PPL_SHRM_GT4 24214	118.16 6.57 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	110.99 6.70 -33.02	116.08 6.87 -37.66	121.30 7.35 -41.95	138.93 8.26 -52.00	162.90 8.93 -66.44	147.56 10.20 -49.38	125.69 7.89 -30.19	122.09 8.17 -26.12	117.58 7.64 -22.14	113.36 6.93 -18.73	111.96 6.89 -18.94	114.65 7.80 -19.23	132.12 8.46 -35.50	156.14 7.85 -60.03	195.72 15.46 -12.08	191.22 15.52 -5.14	170.59 10.91 -43.57	165.53 11.68 -13.07	142.49 8.64 -29.66	129.74 7.88 -34.32	124.07 7.32 -29.57
PROJECT___ORANGE 1 24174	72.49 -1.86 -2.94	72.24 -1.93 -2.82	71.69 -2.07 -2.48	71.49 -2.07 -2.29	73.02 -1.72 -3.18	74.05 -1.37 -3.42	79.92 -1.18 -2.43	91.34 -1.23 -5.03	90.34 -1.06 -3.42	88.92 -1.40 -2.70	88.92 -1.23 -2.34	88.47 -1.32 -1.98	87.98 -1.40 -1.68	86.27 -1.55 -1.70	87.85 -1.49 -1.72	90.37 -0.97 -3.18	92.80 -0.97 -5.52	166.23 -2.35 -0.41	168.18 -2.39 0.00	117.12 -1.74 -2.74	137.97 -2.82 0.00	104.55 -2.29 -2.65	88.47 -1.84 -2.77	87.90 -1.92 -2.65
PROJECT___ORANGE 2 24166	72.49 -1.86 -2.94	72.24 -1.93 -2.82	71.69 -2.07 -2.48	71.49 -2.07 -2.29	73.02 -1.72 -3.18	74.05 -1.37 -3.42	79.92 -1.18 -2.43	91.34 -1.23 -5.03	90.34 -1.06 -3.42	88.92 -1.40 -2.70	88.92 -1.23 -2.34	88.47 -1.32 -1.98	87.98 -1.40 -1.68	86.27 -1.55 -1.70	87.85 -1.49 -1.72	90.37 -0.97 -3.18	92.80 -0.97 -5.52	166.23 -2.35 -0.41	168.18 -2.39 0.00	117.12 -1.74 -2.74	137.97 -2.82 0.00	104.55 -2.29 -2.65	88.47 -1.84 -2.77	87.90 -1.92 -2.65
PUCKETT___SOLAR 323809	82.52 0.29 -10.82	82.11 0.36 -10.40	80.56 0.14 -9.15	79.91 0.21 -8.43	83.71 0.43 -11.72	85.33 0.72 -12.61	95.34 0.95 -15.72	111.90 1.40 -22.97	106.60 1.49 -17.13	98.73 1.14 -9.98	97.41 0.97 -8.63	96.01 0.88 -7.32	94.51 0.62 -6.19	92.82 0.43 -6.26	94.59 0.62 -6.36	101.22 1.32 -11.74	109.88 1.76 -19.85	177.11 4.21 -4.73	177.37 4.61 -2.20	134.96 3.14 -15.71	149.66 2.81 -6.06	115.84 1.88 -9.78	98.80 1.05 -10.20	97.54 0.61 -9.75
PYRITES___HYD 24023	72.56 1.14 0.00	72.70 1.36 0.00	72.63 1.35 0.00	72.77 1.50 0.00	72.70 1.14 0.00	72.29 0.29 0.00	78.59 -0.08 0.00	87.88 0.35 0.00	87.37 -0.62 0.00	87.44 -0.18 0.00	87.63 -0.18 0.00	87.72 -0.09 0.00	87.70 0.00 0.00	86.29 0.17 0.00	87.88 0.26 0.00	87.72 -0.44 0.00	87.90 -0.35 0.00	168.00 -0.17 0.00	171.08 0.51 0.00	116.46 0.35 0.00	141.63 0.84 0.00	105.12 0.94 0.00	88.24 0.70 0.00	88.57 1.39 0.00
QUAKERRD_115KV_BK1 80622	67.74 -5.78 -2.11	67.23 -6.14 -2.02	66.92 -6.13 -1.78	66.64 -6.27 -1.64	68.33 -5.51 -2.28	70.23 -4.25 -2.47	76.14 -4.09 -1.56	85.38 -5.43 -3.28	85.19 -5.01 -2.22	83.32 -6.05 -1.75	83.88 -5.44 -1.52	83.74 -5.36 -1.28	83.35 -5.44 -1.08	81.36 -5.86 -1.10	82.86 -5.87 -1.11	87.19 -4.58 -3.61	90.89 -4.50 -7.13	155.11 -11.10 1.96	155.59 -11.77 3.20	111.42 -8.24 -3.55	126.58 -11.68 2.52	96.58 -8.96 -1.36	83.27 -6.04 -1.77	83.85 -5.40 -2.08
QUENSBRY_115KV_TB8 356137	118.96 6.07 -41.47	117.14 5.92 -39.88	112.24 5.92 -35.05	109.48 5.92 -32.29	122.70 6.23 -44.92	126.90 6.55 -48.34	190.05 7.40 -103.98	212.20 8.32 -116.36	191.36 8.53 -94.84	133.66 7.89 -38.16	128.81 7.99 -33.02	123.61 7.81 -27.99	119.01 7.63 -23.67	117.39 7.32 -23.94	119.38 7.45 -24.31	141.06 8.02 -44.87	172.99 8.65 -76.08	224.44 17.15 -39.12	210.43 17.23 -22.63	225.56 11.50 -97.95	216.71 13.52 -62.42	151.68 10.00 -37.50	134.79 8.14 -39.11	132.32 7.76 -37.38
RAMAPO___LBMP 323565	107.03 4.07 -31.55	105.60 3.92 -30.33	101.93 3.99 -26.66	99.75 3.92 -24.56	109.66 3.94 -34.16	112.95 4.18 -36.77	124.61 4.64 -41.30	156.91 5.51 -63.87	140.83 6.07 -46.78	122.78 6.13 -29.03	119.07 6.15 -25.11	115.15 6.06 -21.29	111.58 5.88 -18.01	110.10 5.77 -18.21	112.24 6.13 -18.49	128.55 6.26 -34.13	152.49 6.35 -57.87	191.89 12.11 -11.61	187.78 12.28 -4.93	166.24 8.24 -41.88	163.96 9.57 -13.60	139.79 7.08 -28.52	122.98 5.69 -29.75	120.75 5.14 -28.43
RANKINE____ 23646	65.55 -7.71 -1.85	65.48 -7.63 -1.77	65.06 -7.77 -1.56	64.86 -7.84 -1.43	66.05 -7.51 -2.00	67.57 -6.62 -2.19	75.56 -7.16 -4.04	83.78 -8.23 -4.47	83.89 -7.74 -3.65	80.73 -8.32 -1.43	81.23 -7.81 -1.24	81.22 -7.64 -1.05	80.78 -7.81 -0.88	78.84 -8.18 -0.90	80.20 -8.32 -0.91	85.30 -7.58 -4.72	90.68 -7.50 -9.93	149.90 -15.47 2.80	148.84 -16.37 5.36	104.62 -11.26 0.23	123.42 -14.92 2.44	93.55 -11.36 -0.72	80.24 -8.75 -1.45	80.77 -8.54 -2.14
RAVENSWOOD_GT2_1 24244	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.68 5.93 -29.58

RAVENSWOOD_GT2_2 24245	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.68 5.93 -29.58
RAVENSWOOD_GT2_3 24246	109.16 4.93 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.75 4.65 -35.54	115.15 4.90 -38.25	127.09 5.43 -42.99	160.55 6.56 -66.46	143.96 7.30 -48.68	125.17 7.36 -30.20	121.40 7.46 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	112.04 6.98 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.23 6.74 -30.95	122.77 6.02 -29.58
RAVENSWOOD_GT2_4 24247	109.16 4.93 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.75 4.65 -35.54	115.15 4.90 -38.25	127.09 5.43 -42.99	160.55 6.56 -66.46	143.96 7.30 -48.68	125.17 7.36 -30.20	121.40 7.46 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	112.04 6.98 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.23 6.74 -30.95	122.77 6.02 -29.58
RAVENSWOOD_GT3_1 24248	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.77 6.02 -29.58
RAVENSWOOD_GT3_2 24249	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.77 6.02 -29.58
RAVENSWOOD_GT3_3 24250	109.16 4.93 -32.82	107.60 4.71 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.75 4.65 -35.54	115.22 4.97 -38.25	127.17 5.51 -42.99	160.64 6.65 -66.46	144.05 7.39 -48.68	125.26 7.45 -30.20	121.48 7.55 -26.12	117.42 7.46 -22.15	113.63 7.19 -18.73	112.13 7.06 -18.95	114.30 7.45 -19.24	131.34 7.67 -35.51	156.05 7.59 -60.20	194.89 14.63 -12.09	190.37 14.67 -5.14	169.57 9.87 -43.59	166.22 11.26 -14.17	142.29 8.44 -29.67	125.32 6.83 -30.95	122.86 6.10 -29.58
RAVENSWOOD_GT3_4 24251	109.16 4.93 -32.82	107.60 4.71 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.75 4.65 -35.54	115.22 4.97 -38.25	127.17 5.51 -42.99	160.64 6.65 -66.46	144.05 7.39 -48.68	125.26 7.45 -30.20	121.48 7.55 -26.12	117.42 7.46 -22.15	113.63 7.19 -18.73	112.13 7.06 -18.95	114.30 7.45 -19.24	131.34 7.67 -35.51	156.05 7.59 -60.20	194.89 14.63 -12.09	190.37 14.67 -5.14	169.57 9.87 -43.59	166.22 11.26 -14.17	142.29 8.44 -29.67	125.32 6.83 -30.95	122.86 6.10 -29.58
RAVENSWOOD_GT_1 23729	109.30 5.07 -32.82	107.68 4.78 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	127.10 5.43 -43.00	160.65 6.65 -66.46	144.06 7.39 -48.69	125.44 7.62 -30.20	121.67 7.73 -26.13	117.69 7.73 -22.15	113.81 7.37 -18.74	112.31 7.23 -18.95	114.57 7.71 -19.25	131.59 7.93 -35.50	156.15 7.68 -60.21	194.88 14.63 -12.08	190.36 14.67 -5.13	169.56 9.87 -43.58	166.07 11.12 -14.16	142.28 8.44 -29.66	125.31 6.83 -30.94	122.85 6.10 -29.57
RAVENSWOOD_GT_10 24258	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.77 6.02 -29.58
RAVENSWOOD_GT_11 24259	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.77 6.02 -29.58
RAVENSWOOD_GT_4 24252	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.46 4.63 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.10 5.43 -43.00	160.47 6.48 -66.46	143.88 7.21 -48.69	125.18 7.36 -30.20	121.23 7.29 -26.13	117.25 7.29 -22.15	113.46 7.02 -18.74	111.96 6.89 -18.95	114.13 7.27 -19.24	131.16 7.49 -35.50	155.97 7.50 -60.21	194.72 14.46 -12.08	190.20 14.50 -5.13	169.45 9.75 -43.58	166.07 11.12 -14.16	142.08 8.23 -29.67	125.13 6.65 -30.94	122.68 5.93 -29.57
RAVENSWOOD_GT_5 24254	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.46 4.63 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.10 5.43 -43.00	160.47 6.48 -66.46	143.88 7.21 -48.69	125.18 7.36 -30.20	121.23 7.29 -26.13	117.25 7.29 -22.15	113.46 7.02 -18.74	111.96 6.89 -18.95	114.13 7.27 -19.24	131.16 7.49 -35.50	155.97 7.50 -60.21	194.72 14.46 -12.08	190.20 14.50 -5.13	169.45 9.75 -43.58	166.07 11.12 -14.16	142.08 8.23 -29.67	125.13 6.65 -30.94	122.68 5.93 -29.57
RAVENSWOOD_GT_6 24253	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.46 4.63 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.10 5.43 -43.00	160.47 6.48 -66.46	143.88 7.21 -48.69	125.18 7.36 -30.20	121.23 7.29 -26.13	117.25 7.29 -22.15	113.46 7.02 -18.74	111.96 6.89 -18.95	114.13 7.27 -19.24	131.16 7.49 -35.50	155.97 7.50 -60.21	194.72 14.46 -12.08	190.20 14.50 -5.13	169.45 9.75 -43.58	166.07 11.12 -14.16	142.08 8.23 -29.67	125.13 6.65 -30.94	122.68 5.93 -29.57
RAVENSWOOD_GT_7 24255	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.46 4.63 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.10 5.43 -43.00	160.47 6.48 -66.46	143.88 7.21 -48.69	125.18 7.36 -30.20	121.23 7.29 -26.13	117.25 7.29 -22.15	113.46 7.02 -18.74	111.96 6.89 -18.95	114.13 7.27 -19.24	131.16 7.49 -35.50	155.97 7.50 -60.21	194.72 14.46 -12.08	190.20 14.50 -5.13	169.45 9.75 -43.58	166.07 11.12 -14.16	142.08 8.23 -29.67	125.13 6.65 -30.94	122.68 5.93 -29.57
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.77 6.02 -29.58

RAVENSWOOD_GT_9 24257	109.09 4.86 -32.82	107.53 4.64 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.08 4.82 -38.25	127.09 5.43 -42.99	160.46 6.48 -66.46	143.87 7.21 -48.68	125.17 7.36 -30.20	121.31 7.38 -26.12	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.25 7.58 -35.51	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.46 9.75 -43.59	166.08 11.12 -14.17	142.19 8.33 -29.67	125.14 6.65 -30.95	122.77 6.02 -29.58
RAVENSWOOD___1 23533	109.30 5.07 -32.82	107.75 4.85 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.74 4.65 -35.54	115.22 4.96 -38.25	127.09 5.42 -42.99	160.56 6.57 -66.46	144.06 7.39 -48.68	125.35 7.54 -30.20	121.66 7.73 -26.13	117.68 7.73 -22.15	113.80 7.37 -18.73	112.30 7.24 -18.95	114.57 7.71 -19.24	131.69 8.02 -35.51	156.13 7.67 -60.20	194.89 14.62 -12.09	190.03 14.33 -5.14	169.45 9.75 -43.58	166.07 11.12 -14.17	142.29 8.44 -29.67	125.32 6.83 -30.95	122.95 6.19 -29.58
RAVENSWOOD___2 23534	109.30 5.07 -32.82	107.75 4.85 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.74 4.65 -35.54	115.22 4.96 -38.25	127.09 5.42 -42.99	160.56 6.57 -66.46	144.06 7.39 -48.68	125.35 7.54 -30.20	121.66 7.73 -26.13	117.68 7.73 -22.15	113.80 7.37 -18.73	112.30 7.24 -18.95	114.57 7.71 -19.24	131.69 8.02 -35.51	156.13 7.67 -60.20	194.73 14.46 -12.09	190.03 14.33 -5.14	169.45 9.75 -43.58	166.07 11.12 -14.17	142.29 8.44 -29.67	125.32 6.83 -30.95	122.95 6.19 -29.58
RAVENSWOOD___3 23535	109.15 4.92 -32.82	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.68 4.58 -35.54	115.15 4.90 -38.25	127.09 5.42 -42.99	160.47 6.48 -66.46	143.88 7.22 -48.68	125.18 7.36 -30.20	121.31 7.38 -26.13	117.33 7.38 -22.15	113.54 7.10 -18.73	111.96 6.89 -18.95	114.22 7.36 -19.24	131.43 7.76 -35.51	155.95 7.50 -60.20	194.55 14.29 -12.09	190.03 14.33 -5.14	169.45 9.75 -43.58	166.07 11.12 -14.17	142.19 8.34 -29.67	125.14 6.65 -30.95	122.86 6.10 -29.58
RAVENSWOOD___4 23820	109.30 5.07 -32.82	107.68 4.78 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.74 4.65 -35.54	115.22 4.96 -38.25	127.08 5.42 -42.98	160.55 6.57 -66.46	144.05 7.39 -48.68	125.34 7.54 -30.19	121.66 7.73 -26.12	117.68 7.73 -22.14	113.80 7.37 -18.72	112.30 7.24 -18.94	114.56 7.71 -19.23	131.70 8.02 -35.52	156.12 7.67 -60.19	194.73 14.46 -12.10	190.04 14.33 -5.15	169.46 9.75 -43.59	166.08 11.12 -14.18	142.30 8.44 -29.68	125.33 6.83 -30.96	122.95 6.19 -29.59
RCPI_TRUST___DRP 24196	109.15 4.93 -32.81	107.60 4.71 -31.55	103.78 4.78 -27.73	101.59 4.78 -25.55	111.81 4.72 -35.53	115.21 4.97 -38.24	127.24 5.59 -42.98	160.63 6.65 -66.44	144.04 7.39 -48.67	125.34 7.54 -30.19	121.48 7.55 -26.12	117.50 7.55 -22.14	113.71 7.28 -18.73	112.13 7.06 -18.94	114.39 7.54 -19.23	131.42 7.76 -35.50	156.13 7.68 -60.19	195.06 14.80 -12.09	190.54 14.84 -5.14	169.68 9.99 -43.58	166.35 11.40 -14.17	142.39 8.54 -29.67	125.31 6.83 -30.94	122.85 6.10 -29.57
RED___ROCHESTER 323720	68.72 -4.72 -2.03	68.15 -5.14 -1.95	67.85 -5.13 -1.71	67.50 -5.35 -1.57	69.38 -4.37 -2.19	71.50 -2.88 -2.38	77.63 -2.52 -1.48	87.09 -3.59 -3.16	86.78 -3.34 -2.14	84.74 -4.56 -1.69	85.49 -3.77 -1.46	85.36 -3.68 -1.24	84.89 -3.86 -1.04	82.87 -4.30 -1.06	84.40 -4.29 -1.07	89.05 -2.82 -3.71	92.83 -2.74 -7.31	158.95 -7.90 1.32	159.26 -9.05 2.26	113.74 -6.39 -4.01	129.15 -9.86 1.77	97.94 -7.60 -1.36	84.67 -4.56 -1.68	85.46 -3.75 -2.03
REGAN___SOLAR 323812	120.96 5.14 -44.41	119.18 5.14 -42.70	113.94 5.13 -37.53	110.98 5.13 -34.58	125.16 5.51 -48.09	129.59 5.83 -51.76	190.65 6.77 -105.21	215.67 7.53 -120.61	192.91 7.47 -97.46	134.79 6.31 -40.86	129.21 6.05 -35.35	123.48 5.70 -29.97	118.40 5.35 -25.35	116.93 5.17 -25.64	119.26 5.61 -26.03	142.64 6.43 -48.05	177.57 7.85 -81.46	223.10 15.98 -38.94	209.18 16.38 -22.24	226.61 10.91 -99.59	214.79 12.68 -61.34	153.39 9.06 -40.15	136.77 7.35 -41.88	134.09 6.89 -40.03
RENSSELAER___COGEN 23796	113.69 2.35 -39.92	112.08 2.35 -38.39	107.37 2.35 -33.75	104.71 2.35 -31.09	117.23 2.43 -43.24	121.06 2.52 -46.54	151.16 2.44 -70.04	182.58 2.62 -92.42	162.01 2.90 -71.13	127.42 3.07 -36.74	122.75 3.16 -31.78	118.00 3.25 -26.94	113.91 3.42 -22.79	112.53 3.36 -23.05	113.74 2.72 -23.41	133.83 2.47 -43.20	163.61 2.11 -73.24	195.27 3.87 -23.23	186.33 3.75 -12.02	187.13 2.67 -68.34	176.89 2.96 -33.14	142.47 2.19 -36.10	127.56 2.36 -37.65	125.52 2.35 -35.99
REPUBLIC_115KV_BARTNBRK 55605	121.63 8.78 -41.43	119.67 8.49 -39.84	114.77 8.48 -35.02	111.94 8.41 -32.26	125.44 9.02 -44.87	129.73 9.43 -48.29	192.87 10.70 -103.50	215.69 12.17 -116.00	194.88 12.41 -94.50	137.04 11.30 -38.12	132.29 11.50 -32.98	127.27 11.50 -27.96	122.40 11.05 -23.65	120.72 10.68 -23.92	122.77 10.86 -24.29	144.80 11.81 -44.83	177.15 12.89 -76.01	232.63 25.56 -38.90	218.64 25.58 -22.49	230.60 16.95 -97.53	222.79 19.99 -62.01	156.02 14.38 -37.46	138.26 11.64 -39.07	135.68 11.16 -37.35
REVERE_CPPR_DRP 24186	75.14 2.14 -1.59	75.08 2.21 -1.53	74.54 1.92 -1.34	74.65 2.14 -1.24	75.64 2.36 -1.72	76.59 2.74 -1.85	83.13 3.15 -1.32	95.15 4.90 -2.72	94.67 4.84 -1.85	93.55 4.47 -1.46	93.38 4.30 -1.26	93.27 4.39 -1.07	93.00 4.39 -0.91	91.09 4.05 -0.92	92.75 4.21 -0.93	94.82 4.94 -1.72	96.12 4.50 -3.36	177.50 9.08 -0.25	179.95 9.38 0.00	124.17 6.39 -1.67	147.54 6.76 0.00	110.20 4.58 -1.44	92.37 3.33 -1.50	91.83 3.23 -1.43
REYNOLDS_115KV_TB3 80639	114.84 3.29 -40.15	113.15 3.21 -38.60	108.41 3.21 -33.93	105.74 3.21 -31.26	118.33 3.29 -43.48	122.18 3.38 -46.80	162.89 3.62 -80.60	190.94 3.85 -99.56	170.46 4.14 -78.35	128.85 4.29 -36.94	124.25 4.48 -31.96	119.47 4.57 -27.09	115.27 4.65 -22.91	113.78 4.48 -23.18	115.53 4.38 -23.54	135.92 4.32 -43.44	166.05 4.15 -73.65	204.14 7.74 -28.24	193.80 7.85 -15.39	198.96 5.34 -77.50	189.70 6.48 -42.44	145.27 4.79 -36.30	129.60 4.20 -37.86	127.46 4.10 -36.19
RIVERBAY____ 323610	109.51 5.28 -32.82	107.89 4.99 -31.55	104.07 5.06 -27.74	101.81 4.99 -25.55	112.03 4.94 -35.54	115.51 5.26 -38.25	127.33 5.66 -42.99	160.81 6.83 -66.46	144.31 7.65 -48.68	125.61 7.80 -30.20	121.92 7.99 -26.12	117.86 7.90 -22.15	113.98 7.54 -18.73	112.39 7.32 -18.95	114.65 7.80 -19.24	131.69 8.02 -35.51	156.23 7.77 -60.20	195.06 14.80 -12.09	190.54 14.84 -5.14	169.69 9.99 -43.59	166.36 11.40 -14.17	142.61 8.75 -29.67	125.58 7.09 -30.95	123.12 6.36 -29.58
RIVERSDE_115KV_TB3 55908	114.55 2.93 -40.21	112.85 2.85 -38.66	108.11 2.85 -33.98	105.43 2.85 -31.31	118.03 2.93 -43.54	121.96 3.10 -46.87	161.35 3.15 -79.53	189.88 3.41 -98.93	169.34 3.70 -77.67	128.47 3.86 -36.99	123.85 4.04 -32.01	119.07 4.13 -27.13	114.95 4.30 -22.95	113.47 4.13 -23.21	114.96 3.77 -23.57	135.37 3.70 -43.50	165.46 3.44 -73.76	202.27 6.39 -27.71	191.90 6.31 -15.03	197.00 4.30 -76.59	187.29 5.07 -41.44	144.29 3.75 -36.35	128.96 3.50 -37.92	127.08 3.66 -36.24
ROARING___BROOK_WT_PWR 323790	69.70 -1.71 0.00	69.63 -1.71 0.00	69.70 -1.57 0.00	69.77 -1.50 0.00	70.13 -1.43 0.00	70.63 -1.37 0.00	77.17 -1.50 0.00	85.86 -1.67 0.00	86.31 -1.67 0.00	86.21 -1.41 0.00	86.49 -1.31 0.00	86.49 -1.31 0.00	86.39 -1.31 0.00	84.83 -1.29 0.00	86.30 -1.31 0.00	86.66 -1.50 0.00	86.94 -1.32 0.00	165.82 -2.35 0.00	168.53 -2.04 0.00	114.84 -1.27 0.00	139.65 -1.13 0.00	103.35 -0.84 0.00	86.58 -0.96 0.00	86.04 -1.14 0.00

ROCHESRG_115KV_T4 355643	68.01 -5.43 -2.03	67.44 -5.85 -1.95	67.14 -5.84 -1.71	66.86 -5.99 -1.57	68.60 -5.15 -2.19	70.71 -3.67 -2.38	76.69 -3.46 -1.48	85.66 -4.99 -3.12	85.61 -4.49 -2.11	83.59 -5.70 -1.67	84.33 -4.92 -1.44	84.20 -4.83 -1.22	83.82 -4.91 -1.03	81.83 -5.34 -1.04	83.33 -5.34 -1.06	87.94 -3.88 -3.66	91.68 -3.88 -7.30	156.25 -10.43 1.50	156.79 -11.26 2.52	111.19 -7.90 -2.97	127.40 -11.40 1.98	96.77 -8.75 -1.34	83.71 -5.52 -1.69	84.50 -4.71 -2.03
ROCHESTER_9_IC 23652	68.37 -5.07 -2.03	67.79 -5.49 -1.95	67.56 -5.42 -1.71	67.22 -5.63 -1.57	69.03 -4.72 -2.19	71.14 -3.24 -2.38	77.24 -2.91 -1.48	86.26 -4.38 -3.11	86.22 -3.87 -2.11	84.20 -5.08 -1.66	84.94 -4.30 -1.44	84.81 -4.21 -1.22	84.43 -4.30 -1.03	82.43 -4.74 -1.04	83.85 -4.82 -1.06	88.58 -3.26 -3.68	92.35 -3.27 -7.36	157.77 -9.08 1.32	158.25 -10.06 2.26	113.19 -6.97 -4.04	128.45 -10.56 1.77	97.42 -8.13 -1.36	84.23 -4.99 -1.68	85.03 -4.18 -2.03
ROCKVIEW_13_KV_LD 356306	109.15 4.93 -32.81	107.60 4.71 -31.55	103.71 4.70 -27.74	101.53 4.70 -25.55	111.74 4.65 -35.54	115.22 4.97 -38.25	127.17 5.51 -42.99	160.46 6.48 -66.45	143.87 7.21 -48.68	125.08 7.27 -30.19	121.22 7.29 -26.12	117.24 7.29 -22.14	113.45 7.02 -18.73	111.96 6.89 -18.94	114.13 7.27 -19.24	131.16 7.49 -35.50	155.96 7.50 -60.20	194.72 14.46 -12.09	190.20 14.50 -5.14	169.57 9.87 -43.58	166.36 11.40 -14.17	142.19 8.33 -29.67	125.23 6.74 -30.95	122.86 6.10 -29.58
ROME____115KV_TB2 80656	75.14 2.14 -1.59	75.08 2.21 -1.53	74.54 1.92 -1.34	74.65 2.14 -1.24	75.64 2.36 -1.72	76.59 2.74 -1.85	83.13 3.15 -1.32	95.15 4.90 -2.72	94.67 4.84 -1.85	93.55 4.47 -1.46	93.38 4.30 -1.26	93.27 4.39 -1.07	93.00 4.39 -0.91	91.09 4.05 -0.92	92.75 4.21 -0.93	94.82 4.94 -1.72	96.12 4.50 -3.36	177.50 9.08 -0.25	179.95 9.38 0.00	124.17 6.39 -1.67	147.54 6.76 0.00	110.20 4.58 -1.44	92.37 3.33 -1.50	91.83 3.23 -1.43
ROSETON___1 23587	108.28 4.07 -32.80	106.80 3.92 -31.54	102.91 3.92 -27.72	100.73 3.92 -25.54	110.94 3.86 -35.52	114.33 4.10 -38.23	126.04 4.56 -42.81	159.19 5.34 -66.32	142.43 5.90 -48.55	123.67 5.87 -30.18	119.80 5.88 -26.11	115.83 5.70 -22.14	112.12 5.52 -18.72	110.58 5.52 -18.94	112.72 5.87 -19.23	129.82 6.17 -35.49	154.51 6.09 -60.16	191.77 11.60 -12.01	187.25 11.60 -5.08	167.44 7.90 -43.42	163.95 9.15 -14.02	140.61 6.77 -29.66	123.99 5.52 -30.93	121.88 5.14 -29.56
ROSETON___2 23588	108.28 4.07 -32.80	106.80 3.92 -31.54	102.91 3.92 -27.72	100.73 3.92 -25.54	110.94 3.86 -35.52	114.33 4.10 -38.23	126.04 4.56 -42.81	159.19 5.34 -66.32	142.43 5.90 -48.55	123.67 5.87 -30.18	119.80 5.88 -26.11	115.83 5.70 -22.14	112.12 5.52 -18.72	110.58 5.52 -18.94	112.72 5.87 -19.23	129.82 6.17 -35.49	154.51 6.09 -60.16	191.77 11.60 -12.01	187.25 11.60 -5.08	167.44 7.90 -43.42	163.95 9.15 -14.02	140.61 6.77 -29.66	123.99 5.52 -30.93	121.88 5.14 -29.56
ROTRDAM_115KV_TB3 80664	116.12 2.79 -41.92	114.36 2.71 -40.31	109.41 2.71 -35.44	106.62 2.71 -32.64	119.75 2.79 -45.40	123.82 2.95 -48.87	191.25 3.30 -109.28	211.54 3.68 -120.34	190.52 3.87 -98.67	129.78 3.59 -38.58	124.87 3.69 -33.37	119.70 3.60 -28.29	115.14 3.51 -23.93	113.77 3.44 -24.20	115.79 3.59 -24.58	137.31 3.79 -45.36	169.23 4.06 -76.91	217.62 7.90 -41.54	202.64 7.85 -24.23	224.07 5.34 -102.61	213.94 6.34 -66.82	146.67 4.58 -37.91	130.93 3.85 -39.54	128.54 3.57 -37.79
RUSSELL___1 23602	68.73 -4.71 -2.03	68.15 -5.14 -1.95	67.85 -5.13 -1.71	67.50 -5.35 -1.57	69.39 -4.36 -2.19	71.50 -2.88 -2.38	77.63 -2.52 -1.48	86.88 -3.76 -3.11	86.75 -3.34 -2.11	84.72 -4.56 -1.66	85.47 -3.78 -1.44	85.34 -3.69 -1.22	84.96 -3.77 -1.03	82.86 -4.31 -1.04	84.38 -4.29 -1.06	89.02 -2.82 -3.68	92.88 -2.74 -7.36	158.61 -8.24 1.32	159.27 -9.04 2.26	113.77 -6.39 -4.04	129.15 -9.85 1.77	97.94 -7.61 -1.36	84.67 -4.55 -1.68	85.46 -3.75 -2.03
RUSSELL___2 23532	68.73 -4.71 -2.03	68.15 -5.14 -1.95	67.85 -5.13 -1.71	67.50 -5.35 -1.57	69.39 -4.36 -2.19	71.50 -2.88 -2.38	77.63 -2.52 -1.48	86.88 -3.76 -3.11	86.75 -3.34 -2.11	84.72 -4.56 -1.66	85.47 -3.78 -1.44	85.34 -3.69 -1.22	84.96 -3.77 -1.03	82.86 -4.31 -1.04	84.38 -4.29 -1.06	89.02 -2.82 -3.68	92.88 -2.74 -7.36	158.61 -8.24 1.32	159.27 -9.04 2.26	113.77 -6.39 -4.04	129.15 -9.85 1.77	97.94 -7.61 -1.36	84.67 -4.55 -1.68	85.46 -3.75 -2.03
RUSSELL___3 23549	68.73 -4.71 -2.03	68.15 -5.14 -1.95	67.85 -5.13 -1.71	67.50 -5.35 -1.57	69.39 -4.36 -2.19	71.50 -2.88 -2.38	77.63 -2.52 -1.48	86.88 -3.76 -3.11	86.75 -3.34 -2.11	84.72 -4.56 -1.66	85.47 -3.78 -1.44	85.34 -3.69 -1.22	84.96 -3.77 -1.03	82.86 -4.31 -1.04	84.38 -4.29 -1.06	89.02 -2.82 -3.68	92.88 -2.74 -7.36	158.61 -8.24 1.32	159.27 -9.04 2.26	113.77 -6.39 -4.04	129.15 -9.85 1.77	97.94 -7.61 -1.36	84.67 -4.55 -1.68	85.46 -3.75 -2.03
RUSSELL___4 23556	68.73 -4.71 -2.03	68.15 -5.14 -1.95	67.85 -5.13 -1.71	67.50 -5.35 -1.57	69.39 -4.36 -2.19	71.50 -2.88 -2.38	77.63 -2.52 -1.48	86.88 -3.76 -3.11	86.75 -3.34 -2.11	84.72 -4.56 -1.66	85.47 -3.78 -1.44	85.34 -3.69 -1.22	84.96 -3.77 -1.03	82.86 -4.31 -1.04	84.38 -4.29 -1.06	89.02 -2.82 -3.68	92.88 -2.74 -7.36	158.61 -8.24 1.32	159.27 -9.04 2.26	113.77 -6.39 -4.04	129.15 -9.85 1.77	97.94 -7.61 -1.36	84.67 -4.55 -1.68	85.46 -3.75 -2.03
RUSSELL___STATION 23914	68.73 -4.71 -2.03	68.15 -5.14 -1.95	67.85 -5.13 -1.71	67.50 -5.35 -1.57	69.39 -4.36 -2.19	71.50 -2.88 -2.38	77.63 -2.52 -1.48	86.88 -3.76 -3.11	86.75 -3.34 -2.11	84.72 -4.56 -1.66	85.47 -3.78 -1.44	85.34 -3.69 -1.22	84.96 -3.77 -1.03	82.86 -4.31 -1.04	84.38 -4.29 -1.06	89.02 -2.82 -3.68	92.88 -2.74 -7.36	158.61 -8.24 1.32	159.27 -9.04 2.26	113.77 -6.39 -4.04	129.15 -9.85 1.77	97.94 -7.61 -1.36	84.67 -4.55 -1.68	85.46 -3.75 -2.03
S SALMON___HYD 24043	72.45 -1.28 -2.32	72.21 -1.36 -2.23	71.59 -1.64 -1.96	71.51 -1.57 -1.80	72.63 -1.43 -2.51	73.62 -1.08 -2.70	79.56 -1.02 -1.92	90.79 -0.79 -4.05	89.85 -0.88 -2.75	88.48 -1.31 -2.17	88.37 -1.31 -1.88	88.26 -1.14 -1.59	87.82 -1.23 -1.35	86.10 -1.38 -1.36	87.51 -1.49 -1.38	89.92 -0.80 -2.55	92.07 -0.44 -4.25	167.82 -0.67 -0.32	169.89 -0.68 0.00	117.77 -0.46 -2.11	139.24 -1.55 0.00	104.72 -1.56 -2.09	88.32 -1.40 -2.18	88.04 -1.22 -2.09
S.PERRY__115KV_TB1 80734	68.71 -3.36 -0.65	68.18 -3.78 -0.62	67.97 -3.85 -0.54	67.78 -3.99 -0.50	69.26 -3.01 -0.71	71.09 -1.73 -0.82	80.23 -1.10 -2.66	87.45 -1.66 -1.59	88.13 -1.58 -1.73	84.28 -3.15 0.18	84.93 -2.72 0.16	84.68 -2.99 0.14	84.60 -2.98 0.12	82.64 -3.36 0.12	84.43 -3.07 0.12	91.29 -1.32 -4.45	98.38 -0.35 -10.47	161.02 -1.85 5.31	159.69 -2.22 8.66	145.68 -1.97 -31.53	131.47 -4.36 4.95	98.93 -3.96 1.30	84.72 -2.54 0.29	85.62 -2.44 -0.88
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	64.87 -8.43 -1.88	64.44 -8.70 -1.80	64.16 -8.70 -1.58	63.89 -8.84 -1.46	65.37 -8.23 -2.04	67.39 -6.84 -2.23	75.20 -7.40 -3.92	82.76 -9.19 -4.42	83.04 -8.53 -3.59	79.61 -9.46 -1.45	80.28 -8.78 -1.26	80.35 -8.52 -1.06	79.92 -8.68 -0.90	77.90 -9.13 -0.91	79.34 -9.20 -0.92	84.60 -8.11 -4.55	89.65 -8.12 -9.52	146.34 -18.16 3.67	144.72 -19.27 6.57	102.46 -13.24 0.42	119.57 -17.74 3.47	91.37 -13.44 -0.62	79.55 -9.45 -1.46	80.48 -8.80 -2.11

SAWYER___23_KV_LOAD 55526	64.87 -8.43 -1.88	64.44 -8.70 -1.80	64.16 -8.70 -1.58	63.89 -8.84 -1.46	65.37 -8.23 -2.04	67.39 -6.84 -2.23	75.20 -7.40 -3.92	82.76 -9.19 -4.42	83.04 -8.53 -3.59	79.61 -9.46 -1.45	80.28 -8.78 -1.26	80.35 -8.52 -1.06	79.92 -8.68 -0.90	77.90 -9.13 -0.91	79.34 -9.20 -0.92	84.60 -8.11 -4.55	89.65 -8.12 -9.52	146.34 -18.16 3.67	144.72 -19.27 6.57	102.46 -13.24 0.42	119.57 -17.74 3.47	91.37 -13.44 -0.62	79.55 -9.45 -1.46	80.48 -8.80 -2.11
SELKIRK___I 23801	113.52 2.71 -39.39	111.93 2.71 -37.88	107.27 2.71 -33.30	104.65 2.71 -30.67	117.01 2.79 -42.66	120.80 2.88 -45.92	144.80 2.91 -63.22	177.95 3.06 -87.35	157.47 3.26 -66.23	127.02 3.15 -36.25	122.42 3.25 -31.36	117.73 3.34 -26.59	113.52 3.33 -22.49	112.14 3.27 -22.74	113.69 2.98 -23.10	133.87 3.08 -42.62	163.61 3.09 -72.26	193.98 5.72 -20.09	186.31 5.80 -9.94	182.41 3.95 -62.35	172.84 4.64 -27.42	143.23 3.43 -35.62	127.93 3.24 -37.15	125.82 3.13 -35.51
SELKIRK___II 23799	113.61 2.43 -39.77	112.01 2.43 -38.24	107.31 2.42 -33.61	104.66 2.42 -30.96	117.06 2.43 -43.07	120.87 2.52 -46.35	146.19 2.59 -64.92	179.23 2.80 -88.90	158.66 3.08 -67.60	127.36 3.15 -36.59	122.72 3.25 -31.66	117.98 3.34 -26.84	113.73 3.33 -22.70	112.35 3.27 -22.96	113.91 2.98 -23.31	134.10 2.91 -43.03	163.94 2.74 -72.95	194.02 5.04 -20.81	186.07 5.11 -10.40	183.49 3.48 -63.89	173.54 4.09 -28.67	143.16 3.02 -35.96	127.84 2.80 -37.50	125.73 2.71 -35.84
SENECA OSWGO___HYD 24041	71.94 -2.07 -2.60	71.63 -2.21 -2.50	71.12 -2.35 -2.20	70.95 -2.35 -2.02	72.29 -2.08 -2.82	73.30 -1.73 -3.03	79.17 -1.66 -2.15	90.21 -1.84 -4.52	89.29 -1.76 -3.07	87.94 -2.10 -2.43	87.98 -1.93 -2.10	87.57 -2.02 -1.78	87.20 -2.01 -1.51	85.50 -2.15 -1.52	86.98 -2.19 -1.55	89.34 -1.68 -2.86	91.44 -1.59 -4.77	165.17 -3.36 -0.36	167.16 -3.41 0.00	116.17 -2.32 -2.37	137.12 -3.66 0.00	103.62 -2.92 -2.35	87.72 -2.28 -2.45	87.17 -2.35 -2.34
SENECA___115KV_TB3 355854	65.69 -7.57 -1.85	65.55 -7.56 -1.77	65.13 -7.70 -1.56	64.94 -7.77 -1.43	66.12 -7.44 -2.00	67.64 -6.55 -2.19	75.63 -7.08 -4.04	83.86 -8.14 -4.47	84.07 -7.57 -3.65	80.90 -8.15 -1.43	81.32 -7.73 -1.24	81.39 -7.46 -1.05	80.96 -7.63 -0.88	79.01 -8.01 -0.90	80.38 -8.15 -0.91	85.48 -7.41 -4.72	90.86 -7.33 -9.93	150.23 -15.14 2.80	149.18 -16.03 5.36	104.86 -11.03 0.23	123.70 -14.64 2.44	93.76 -11.15 -0.72	80.41 -8.58 -1.45	80.86 -8.46 -2.14
SENECA___ENERGY 23797	72.37 -2.57 -3.52	72.01 -2.71 -3.38	71.39 -2.85 -2.97	71.16 -2.85 -2.74	73.01 -2.36 -3.81	74.31 -1.80 -4.11	82.18 -1.41 -4.92	93.26 -1.57 -7.30	91.92 -1.50 -5.44	88.69 -2.10 -3.17	88.62 -1.93 -2.75	88.12 -2.02 -2.33	87.48 -2.19 -1.97	85.79 -2.32 -1.99	87.28 -2.36 -2.02	91.03 -1.50 -4.37	94.68 -1.32 -7.74	165.19 -3.54 -0.55	166.33 -3.59 0.65	121.17 -2.32 -7.37	137.54 -4.09 -0.84	103.87 -3.23 -2.92	88.38 -2.36 -3.20	87.95 -2.44 -3.22
SHOEMAKER___GT 23640	104.83 3.43 -29.99	103.53 3.35 -28.83	99.97 3.35 -25.34	97.90 3.28 -23.35	107.32 3.29 -32.47	110.48 3.53 -34.95	121.85 3.93 -39.25	152.79 4.55 -60.71	137.46 5.01 -44.46	120.29 5.08 -27.59	116.68 5.00 -23.87	112.96 4.91 -20.24	109.64 4.82 -17.12	108.08 4.65 -17.31	110.19 4.99 -17.58	125.90 5.29 -32.45	148.65 5.38 -55.00	189.46 10.26 -11.03	185.48 10.23 -4.69	162.88 6.97 -39.80	161.72 8.02 -12.92	137.23 5.94 -27.11	120.63 4.81 -28.28	118.56 4.36 -27.03
SHOEMAKR_138KV_BK 111 55601	104.63 3.43 -29.78	103.33 3.35 -28.64	99.72 3.28 -25.17	97.74 3.28 -23.19	107.10 3.29 -32.26	110.25 3.53 -34.72	121.59 3.93 -38.98	152.46 4.64 -60.29	137.15 5.01 -44.16	120.10 5.08 -27.41	116.52 5.01 -23.71	112.91 5.01 -20.10	109.53 4.82 -17.00	107.97 4.65 -17.20	110.07 4.99 -17.46	125.59 5.20 -32.22	148.28 5.38 -54.64	189.39 10.26 -10.96	185.62 10.40 -4.65	162.61 6.97 -39.53	161.64 8.02 -12.83	137.05 5.94 -26.93	120.44 4.81 -28.09	118.29 4.27 -26.85
SHOREHAM_IC_1 23715	118.16 6.57 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	110.99 6.70 -33.02	116.08 6.87 -37.66	121.30 7.35 -41.95	138.93 8.26 -52.00	162.90 8.93 -66.44	147.56 10.20 -49.38	125.69 7.89 -30.19	122.09 8.17 -26.12	117.58 7.64 -22.14	113.36 6.93 -18.73	111.96 6.89 -18.94	114.65 7.80 -19.23	132.12 8.46 -35.50	156.14 7.85 -60.03	195.72 15.46 -12.08	191.22 15.52 -5.14	170.59 10.91 -43.57	165.53 11.68 -13.07	142.49 8.64 -29.66	129.74 7.88 -34.32	124.07 7.32 -29.57
SHOREHAM_IC_2 23716	118.16 6.57 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	110.99 6.70 -33.02	116.08 6.87 -37.66	121.30 7.35 -41.95	138.93 8.26 -52.00	162.90 8.93 -66.44	147.56 10.20 -49.38	125.69 7.89 -30.19	122.09 8.17 -26.12	117.58 7.64 -22.14	113.36 6.93 -18.73	111.96 6.89 -18.94	114.65 7.80 -19.23	132.12 8.46 -35.50	156.14 7.85 -60.03	195.72 15.46 -12.08	191.22 15.52 -5.14	170.59 10.91 -43.57	165.53 11.68 -13.07	142.49 8.64 -29.66	129.74 7.88 -34.32	124.07 7.32 -29.57
SISSONVILLE____ 23735	71.34 -0.07 0.00	71.41 0.07 0.00	71.41 0.14 0.00	71.56 0.29 0.00	71.34 -0.21 0.00	70.78 -1.22 0.00	76.94 -1.73 0.00	85.95 -1.58 0.00	85.52 -2.46 0.00	85.69 -1.93 0.00	86.23 -1.58 0.00	86.23 -1.58 0.00	86.21 -1.49 0.00	84.92 -1.21 0.00	86.39 -1.23 0.00	86.05 -2.12 0.00	86.05 -2.21 0.00	163.97 -4.20 0.00	166.98 -3.58 0.00	113.79 -2.32 0.00	138.53 -2.25 0.00	102.93 -1.25 0.00	86.67 -0.88 0.00	87.18 0.00 0.00
SITHE_IND_GS1 24169	70.24 -3.21 -2.04	70.02 -3.28 -1.96	69.64 -3.35 -1.72	69.51 -3.35 -1.59	70.62 -3.15 -2.21	71.49 -2.88 -2.37	77.45 -2.91 -1.69	87.73 -3.33 -3.52	87.12 -3.25 -2.39	86.00 -3.51 -1.89	86.02 -3.43 -1.64	85.77 -3.43 -1.39	85.45 -3.42 -1.17	83.77 -3.53 -1.19	85.23 -3.60 -1.21	87.22 -3.17 -2.22	88.90 -3.09 -3.74	162.06 -6.39 -0.28	163.91 -6.65 0.00	113.44 -4.53 -1.86	134.73 -6.05 0.00	101.44 -4.58 -1.84	85.87 -3.59 -1.92	85.43 -3.58 -1.84
SITHE_IND_GS2 24170	70.24 -3.21 -2.04	70.02 -3.28 -1.96	69.64 -3.35 -1.72	69.51 -3.35 -1.59	70.62 -3.15 -2.21	71.49 -2.88 -2.37	77.45 -2.91 -1.69	87.73 -3.33 -3.52	87.12 -3.25 -2.39	86.00 -3.51 -1.89	86.02 -3.43 -1.64	85.77 -3.43 -1.39	85.45 -3.42 -1.17	83.77 -3.53 -1.19	85.23 -3.60 -1.21	87.22 -3.17 -2.22	88.90 -3.09 -3.74	162.06 -6.39 -0.28	163.91 -6.65 0.00	113.44 -4.53 -1.86	134.73 -6.05 0.00	101.44 -4.58 -1.84	85.87 -3.59 -1.92	85.43 -3.58 -1.84
SITHE_IND_GS3 24171	70.24 -3.21 -2.04	70.02 -3.28 -1.96	69.64 -3.35 -1.72	69.51 -3.35 -1.59	70.62 -3.15 -2.21	71.49 -2.88 -2.37	77.45 -2.91 -1.69	87.73 -3.33 -3.52	87.12 -3.25 -2.39	86.00 -3.51 -1.89	86.02 -3.43 -1.64	85.77 -3.43 -1.39	85.45 -3.42 -1.17	83.77 -3.53 -1.19	85.23 -3.60 -1.21	87.22 -3.17 -2.22	88.90 -3.09 -3.74	162.06 -6.39 -0.28	163.91 -6.65 0.00	113.44 -4.53 -1.86	134.73 -6.05 0.00	101.44 -4.58 -1.84	85.87 -3.59 -1.92	85.43 -3.58 -1.84
SITHE_IND_GS4 24172	70.24 -3.21 -2.04	70.02 -3.28 -1.96	69.64 -3.35 -1.72	69.51 -3.35 -1.59	70.62 -3.15 -2.21	71.49 -2.88 -2.37	77.45 -2.91 -1.69	87.73 -3.33 -3.52	87.12 -3.25 -2.39	86.00 -3.51 -1.89	86.02 -3.43 -1.64	85.77 -3.43 -1.39	85.45 -3.42 -1.17	83.77 -3.53 -1.19	85.23 -3.60 -1.21	87.22 -3.17 -2.22	88.90 -3.09 -3.74	162.06 -6.39 -0.28	163.91 -6.65 0.00	113.44 -4.53 -1.86	134.73 -6.05 0.00	101.44 -4.58 -1.84	85.87 -3.59 -1.92	85.43 -3.58 -1.84

SITHE____BATAVIA 24024	67.23 -6.14 -1.96	66.67 -6.56 -1.89	66.45 -6.49 -1.66	66.03 -6.77 -1.53	67.95 -5.73 -2.13	70.21 -4.10 -2.32	77.89 -4.48 -3.70	86.31 -5.69 -4.47	86.08 -5.45 -3.55	82.73 -6.48 -1.60	83.56 -5.62 -1.38	83.09 -5.88 -1.16	82.63 -6.05 -0.98	80.49 -6.63 -0.99	81.96 -6.66 -1.01	87.12 -5.20 -4.16	91.74 -4.94 -8.42	161.87 -11.94 -5.64	164.54 -12.97 -6.94	112.39 -9.29 -5.57	134.19 -13.52 -6.93	95.78 -10.52 -2.12	82.74 -6.39 -1.59	83.15 -6.10 -2.08
SITHE____INDEPEND 23800	70.24 -3.21 -2.04	70.02 -3.28 -1.96	69.64 -3.35 -1.72	69.51 -3.35 -1.59	70.61 -3.15 -2.21	71.49 -2.88 -2.37	77.45 -2.91 -1.69	87.61 -3.41 -3.49	87.09 -3.26 -2.37	85.99 -3.50 -1.87	86.00 -3.42 -1.62	85.76 -3.42 -1.37	85.45 -3.42 -1.16	83.77 -3.53 -1.18	85.22 -3.59 -1.19	87.19 -3.17 -2.20	88.94 -3.09 -3.77	162.06 -6.39 -0.28	163.91 -6.65 0.00	113.46 -4.53 -1.88	134.73 -6.05 0.00	101.44 -4.58 -1.84	85.87 -3.59 -1.92	85.44 -3.57 -1.84
SITHE____MASSENA 23902	71.41 0.00 0.00	71.49 0.14 0.00	71.56 0.29 0.00	71.56 0.29 0.00	71.56 0.00 0.00	71.35 -0.65 0.00	77.73 -0.94 0.00	86.57 -0.96 0.00	86.31 -1.67 0.00	86.39 -1.23 0.00	86.49 -1.31 0.00	86.49 -1.31 0.00	86.56 -1.14 0.00	85.18 -0.95 0.00	86.65 -0.96 0.00	86.58 -1.58 0.00	86.67 -1.59 0.00	164.97 -3.20 0.00	167.83 -2.74 0.00	114.25 -1.86 0.00	139.38 -1.41 0.00	103.46 -0.72 0.00	86.84 -0.70 0.00	87.00 -0.17 0.00
SITHE____OGDNSBRG 24021	72.41 1.00 0.00	72.56 1.21 0.00	72.55 1.28 0.00	72.63 1.35 0.00	72.49 0.93 0.00	72.22 0.22 0.00	78.51 -0.16 0.00	87.88 0.35 0.00	87.28 -0.70 0.00	87.27 -0.35 0.00	87.37 -0.44 0.00	87.37 -0.44 0.00	87.35 -0.35 0.00	86.04 -0.09 0.00	87.62 0.00 0.00	87.55 -0.62 0.00	87.73 -0.53 0.00	167.33 -0.84 0.00	170.22 -0.34 0.00	116.00 -0.12 0.00	141.21 0.42 0.00	104.91 0.73 0.00	87.98 0.44 0.00	88.22 1.05 0.00
SITHE____STERLING 23777	74.79 1.50 -1.87	74.71 1.57 -1.80	74.20 1.35 -1.58	74.23 1.50 -1.46	75.30 1.71 -2.02	76.27 2.09 -2.18	82.74 2.52 -1.55	96.80 4.29 -4.98	95.67 4.31 -3.38	94.14 3.85 -2.68	93.90 3.77 -2.32	93.63 3.86 -1.96	93.13 3.77 -1.66	91.33 3.53 -1.68	92.92 3.59 -1.71	95.06 4.32 -2.58	95.13 3.44 -3.43	175.16 6.73 -0.26	177.39 6.83 0.00	122.47 4.65 -1.71	145.57 4.79 0.00	109.11 3.23 -1.69	91.75 2.45 -1.76	91.12 2.26 -1.69
SLEIGHT__34_KV_TB1 80719	70.47 -3.78 -2.84	69.94 -4.14 -2.73	69.47 -4.21 -2.40	69.21 -4.28 -2.21	71.13 -3.51 -3.08	72.88 -2.45 -3.33	78.87 -2.05 -2.24	89.41 -2.80 -4.68	88.69 -2.46 -3.17	86.71 -3.42 -2.51	87.08 -2.90 -2.17	86.84 -2.81 -1.84	86.28 -2.98 -1.55	84.34 -3.36 -1.57	85.80 -3.42 -1.60	89.92 -2.12 -3.87	93.42 -2.03 -7.19	161.50 -5.72 0.95	162.34 -6.31 1.91	115.28 -4.41 -3.57	132.24 -7.04 1.50	100.80 -5.63 -2.24	86.42 -3.68 -2.55	86.62 -3.23 -2.67
SOUTH CAIRO____GT 23612	113.81 4.21 -38.18	112.12 4.07 -36.72	107.61 4.06 -32.27	104.99 3.99 -29.73	117.13 4.22 -41.35	121.05 4.54 -44.51	144.28 4.56 -61.04	177.12 5.08 -84.51	156.95 4.93 -64.04	127.31 4.56 -35.14	122.51 4.30 -30.40	117.79 4.21 -25.77	113.80 4.30 -21.80	112.21 4.05 -22.05	113.95 3.94 -22.39	133.88 4.41 -41.31	163.16 4.85 -70.05	197.62 10.09 -19.36	190.36 10.23 -9.56	183.08 6.73 -60.23	174.75 7.60 -26.37	144.23 5.52 -34.53	128.45 4.90 -36.01	126.74 5.14 -34.42
SOUTH HAMPTN____IC 23720	118.95 7.36 -40.18	116.18 7.20 -37.64	110.07 7.06 -31.74	111.71 7.41 -33.02	116.80 7.58 -37.66	122.01 8.06 -41.95	139.79 9.12 -52.00	163.94 9.97 -66.44	148.54 11.17 -49.38	127.00 9.20 -30.19	123.33 9.40 -26.12	118.81 8.86 -22.14	114.67 8.24 -18.73	113.25 8.19 -18.94	115.96 9.11 -19.23	133.44 9.78 -35.50	157.55 9.26 -60.03	198.59 18.33 -12.08	194.30 18.59 -5.14	172.57 12.89 -43.57	167.93 14.08 -13.07	144.16 10.32 -29.66	131.05 9.19 -34.32	125.38 8.63 -29.57
SOUTHDOW_115KV_TB1 355954	67.18 -5.93 -1.70	67.40 -5.56 -1.62	66.78 -5.92 -1.43	66.67 -5.92 -1.31	67.60 -5.80 -1.84	68.55 -5.47 -2.02	77.72 -5.35 -4.40	87.22 -5.08 -4.77	87.48 -4.40 -3.90	84.75 -4.38 -1.52	85.08 -4.04 -1.31	85.32 -3.60 -1.11	84.96 -3.68 -0.94	83.11 -3.96 -0.95	84.29 -4.29 -0.96	89.15 -4.06 -5.04	95.08 -3.80 -10.61	158.45 -6.73 2.99	157.66 -7.16 5.74	111.95 -5.34 -1.18	130.31 -7.88 2.58	98.53 -6.46 -0.80	83.17 -5.95 -1.58	82.96 -6.54 -2.32
SOUTHOLD_69_KV_BK 2 55809	119.81 8.21 -40.18	117.04 8.06 -37.64	110.99 7.98 -31.74	112.71 8.41 -33.02	117.73 8.52 -37.66	122.66 8.71 -41.95	140.82 10.15 -52.00	165.43 11.47 -66.43	149.85 12.49 -49.38	128.31 10.51 -30.18	124.63 10.71 -26.11	119.96 10.01 -22.14	115.90 9.47 -18.72	114.36 9.30 -18.94	116.84 9.99 -19.23	133.18 9.52 -35.49	159.06 10.77 -60.03	201.95 21.69 -12.09	198.05 22.34 -5.14	174.78 15.09 -43.57	170.46 16.61 -13.07	145.72 11.88 -29.66	132.36 10.50 -34.32	126.51 9.76 -29.57
SOUTHOLD____IC 23719	119.88 8.28 -40.18	117.04 8.06 -37.64	110.99 7.98 -31.74	112.63 8.33 -33.02	117.73 8.51 -37.66	122.95 9.00 -41.95	140.97 10.30 -52.00	165.34 11.37 -66.44	149.85 12.49 -49.38	128.31 10.51 -30.19	124.63 10.71 -26.12	119.95 10.01 -22.14	115.90 9.47 -18.73	114.37 9.30 -18.94	117.18 10.33 -19.23	134.77 11.11 -35.50	159.05 10.76 -60.03	201.79 21.53 -12.08	197.54 21.84 -5.14	174.67 14.98 -43.57	170.31 16.46 -13.07	145.72 11.87 -29.66	132.36 10.50 -34.32	126.68 9.93 -29.57
SOUTH_FORK_WT_PWR 323839	119.81 8.21 -40.18	117.04 8.06 -37.64	110.99 7.98 -31.74	112.63 8.33 -33.02	117.73 8.51 -37.66	122.95 9.00 -41.95	140.97 10.30 -52.00	165.34 11.37 -66.44	149.85 12.49 -49.38	128.31 10.51 -30.19	124.55 10.62 -26.12	119.95 10.01 -22.14	115.90 9.47 -18.73	114.37 9.30 -18.94	117.10 10.25 -19.23	134.77 11.11 -35.50	159.05 10.76 -60.03	201.62 21.36 -12.08	197.37 21.66 -5.14	174.67 14.98 -43.57	170.31 16.46 -13.07	145.72 11.87 -29.66	132.36 10.50 -34.32	126.68 9.93 -29.57
SPIERFLS_115KV_TB 1 80737	118.56 5.64 -41.51	116.74 5.49 -39.91	111.91 5.56 -35.08	109.08 5.49 -32.32	122.30 5.80 -44.95	126.50 6.12 -48.38	189.98 6.92 -104.38	211.89 7.70 -116.66	191.03 7.92 -95.13	133.17 7.36 -38.19	128.31 7.46 -33.04	123.11 7.29 -28.01	118.50 7.10 -23.69	116.89 6.80 -23.96	118.87 6.92 -24.33	140.48 7.41 -44.91	172.43 8.03 -76.14	223.28 15.81 -39.30	209.18 15.86 -22.75	225.10 10.68 -98.30	216.06 12.53 -62.75	150.98 9.27 -37.53	134.30 7.62 -39.14	131.83 7.24 -37.41
ST LAWRENCE____ 23600	70.84 -0.57 0.00	70.85 -0.50 0.00	70.92 -0.35 0.00	70.92 -0.35 0.00	70.98 -0.57 0.00	70.85 -1.15 0.00	77.17 -1.50 0.00	85.96 -1.57 0.00	85.87 -2.11 0.00	85.87 -1.75 0.00	85.88 -1.93 0.00	85.88 -1.93 0.00	85.86 -1.85 0.00	84.57 -1.55 0.00	86.04 -1.57 0.00	85.96 -2.20 0.00	86.05 -2.20 0.00	163.97 -4.20 0.00	166.81 -3.75 0.00	113.56 -2.56 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.14 -1.40 0.00	86.22 -0.96 0.00
STATE_CA_115KV_115_LB 55624	114.66 2.79 -40.46	113.03 2.78 -38.91	108.18 2.71 -34.20	105.49 2.71 -31.51	118.24 2.86 -43.82	122.12 2.95 -47.17	164.72 2.99 -83.06	192.30 3.24 -101.53	171.69 3.52 -80.19	128.53 3.68 -37.23	123.88 3.86 -32.21	119.15 4.04 -27.31	114.92 4.12 -23.10	113.53 4.05 -23.36	114.84 3.50 -23.72	135.29 3.35 -43.78	165.58 3.09 -74.23	203.22 5.72 -29.33	192.30 5.63 -16.10	199.63 3.83 -79.69	189.69 4.51 -44.41	144.00 3.23 -36.59	128.85 3.15 -38.16	127.14 3.49 -36.47

STATE_ST_34_KV_LOAD 55959	75.52 -1.29 -5.40	75.11 -1.43 -5.19	74.27 -1.57 -4.56	73.91 -1.57 -4.20	76.25 -1.14 -5.84	77.56 -0.72 -6.28	85.03 -0.31 -6.68	98.11 -0.26 -10.84	95.81 0.00 -7.83	92.28 -0.44 -5.10	91.96 -0.26 -4.41	91.11 -0.44 -3.74	90.25 -0.61 -3.16	88.55 -0.78 -3.20	90.08 -0.79 -3.25	92.98 -0.09 -4.90	96.05 0.09 -7.70	171.15 -0.34 -3.32	173.13 -0.34 -2.91	122.33 -0.35 -6.56	143.14 -1.27 -3.63	108.18 -1.25 -5.25	91.71 -1.05 -5.22	90.68 -1.22 -4.73
STATION 5_MISC_HYD 23604	68.37 -5.07 -2.03	67.80 -5.49 -1.95	67.56 -5.42 -1.71	67.21 -5.63 -1.57	69.03 -4.72 -2.19	71.14 -3.24 -2.38	77.24 -2.91 -1.48	86.57 -4.11 -3.16	86.25 -3.87 -2.14	84.22 -5.08 -1.69	84.97 -4.30 -1.46	84.83 -4.21 -1.24	84.45 -4.30 -1.04	82.44 -4.74 -1.06	83.87 -4.82 -1.07	88.52 -3.35 -3.71	92.30 -3.26 -7.31	157.93 -8.92 1.32	158.41 -9.90 2.26	113.04 -7.09 -4.01	128.45 -10.56 1.77	97.42 -8.13 -1.36	84.23 -4.99 -1.68	85.03 -4.18 -2.03
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	70.17 -3.29 -2.04	69.74 -3.57 -1.96	69.36 -3.63 -1.72	69.15 -3.71 -1.59	70.84 -2.93 -2.21	72.53 -1.87 -2.40	78.81 -1.34 -1.47	88.63 -2.01 -3.11	88.33 -1.76 -2.11	86.56 -2.72 -1.66	87.05 -2.20 -1.44	86.83 -2.20 -1.22	86.36 -2.37 -1.03	84.41 -2.76 -1.04	85.87 -2.80 -1.06	90.35 -1.50 -3.69	94.40 -1.24 -7.38	161.56 -4.37 2.24	162.04 -4.95 3.58	116.30 -3.48 -3.67	132.06 -5.91 2.81	100.72 -4.69 -1.22	86.24 -2.98 -1.67	86.59 -2.62 -2.03
STA_56_34_KV_BUS2_REV_LBMP_B 345033	68.31 -5.14 -2.04	67.73 -5.56 -1.95	67.43 -5.56 -1.72	67.15 -5.70 -1.58	68.89 -4.87 -2.20	70.94 -3.46 -2.39	77.01 -3.15 -1.49	86.20 -4.46 -3.13	86.05 -4.05 -2.12	84.12 -5.17 -1.67	84.78 -4.48 -1.45	84.64 -4.39 -1.23	84.27 -4.47 -1.03	82.26 -4.91 -1.05	83.69 -4.99 -1.06	88.29 -3.53 -3.66	92.11 -3.44 -7.30	157.61 -9.25 1.31	158.08 -10.23 2.25	113.02 -7.08 -3.99	128.45 -10.56 1.77	97.43 -8.13 -1.37	84.07 -5.16 -1.69	84.77 -4.45 -2.04
STA_56__34_KV_BUS2 355983	68.31 -5.14 -2.04	67.73 -5.56 -1.95	67.43 -5.56 -1.72	67.15 -5.70 -1.58	68.89 -4.87 -2.20	70.94 -3.46 -2.39	77.01 -3.15 -1.49	86.20 -4.46 -3.13	86.05 -4.05 -2.12	84.12 -5.17 -1.67	84.78 -4.48 -1.45	84.64 -4.39 -1.23	84.27 -4.47 -1.03	82.26 -4.91 -1.05	83.69 -4.99 -1.06	88.29 -3.53 -3.66	92.11 -3.44 -7.30	157.61 -9.25 1.31	158.08 -10.23 2.25	113.02 -7.08 -3.99	128.45 -10.56 1.77	97.43 -8.13 -1.37	84.07 -5.16 -1.69	84.77 -4.45 -2.04
STA_67__115KV_BK2 355882	68.23 -5.21 -2.03	67.65 -5.64 -1.95	67.42 -5.56 -1.71	67.07 -5.77 -1.57	68.88 -4.87 -2.19	71.00 -3.38 -2.38	77.00 -3.15 -1.48	86.09 -4.55 -3.11	85.95 -4.14 -2.11	83.94 -5.34 -1.66	84.68 -4.57 -1.44	84.64 -4.39 -1.22	84.17 -4.56 -1.03	82.17 -5.00 -1.04	83.59 -5.08 -1.06	88.31 -3.53 -3.68	92.08 -3.53 -7.35	157.24 -9.59 1.34	157.70 -10.58 2.29	112.82 -7.32 -4.02	128.14 -10.84 1.80	97.21 -8.33 -1.36	84.06 -5.16 -1.68	84.85 -4.36 -2.03
STA_7__115KV_9TRANS 80674	68.73 -4.71 -2.03	68.15 -5.14 -1.95	67.85 -5.13 -1.71	67.50 -5.35 -1.57	69.39 -4.36 -2.19	71.50 -2.88 -2.38	77.63 -2.52 -1.48	86.88 -3.76 -3.11	86.75 -3.34 -2.11	84.72 -4.56 -1.66	85.47 -3.78 -1.44	85.34 -3.69 -1.22	84.96 -3.77 -1.03	82.86 -4.31 -1.04	84.38 -4.29 -1.06	89.02 -2.82 -3.68	92.88 -2.74 -7.36	158.61 -8.24 1.32	159.27 -9.04 2.26	113.77 -6.39 -4.04	129.15 -9.85 1.77	97.94 -7.61 -1.36	84.67 -4.55 -1.68	85.46 -3.75 -2.03
STA_82__115KV_TB1 80780	68.30 -5.14 -2.03	67.65 -5.64 -1.95	67.42 -5.56 -1.71	67.07 -5.77 -1.57	68.88 -4.87 -2.19	71.00 -3.38 -2.38	77.08 -3.07 -1.48	86.08 -4.55 -3.11	86.04 -4.05 -2.10	84.02 -5.26 -1.66	84.68 -4.57 -1.44	84.63 -4.39 -1.22	84.17 -4.56 -1.03	82.17 -5.00 -1.04	83.68 -4.99 -1.05	88.33 -3.53 -3.69	92.21 -3.44 -7.39	157.40 -9.59 1.19	158.09 -10.40 2.07	112.92 -7.32 -4.12	128.31 -10.84 1.63	97.23 -8.33 -1.38	84.05 -5.16 -1.68	84.85 -4.36 -2.03
STEEL__WIND 323596	65.55 -7.71 -1.85	65.41 -7.71 -1.77	64.99 -7.84 -1.56	64.79 -7.91 -1.43	66.05 -7.51 -2.00	67.50 -6.69 -2.19	75.56 -7.16 -4.04	83.92 -8.14 -4.53	83.93 -7.74 -3.69	80.75 -8.33 -1.46	81.25 -7.82 -1.26	81.24 -7.64 -1.07	80.80 -7.81 -0.90	78.93 -8.10 -0.91	80.22 -8.33 -0.92	85.33 -7.58 -4.75	90.64 -7.50 -9.88	150.06 -15.30 2.81	148.84 -16.38 5.36	104.72 -11.15 0.25	123.42 -14.93 2.44	93.65 -11.25 -0.72	80.24 -8.75 -1.45	80.68 -8.63 -2.14
STEPHTWN_115KV_BK_2 55603	114.62 3.29 -39.92	112.94 3.21 -38.39	108.22 3.21 -33.75	105.57 3.21 -31.09	118.16 3.36 -43.24	122.14 3.60 -46.54	152.33 3.62 -70.04	183.97 4.03 -92.42	163.42 4.31 -71.13	128.65 4.29 -36.74	124.07 4.48 -31.78	119.40 4.65 -26.94	115.23 4.74 -22.79	113.74 4.56 -23.05	114.97 3.94 -23.41	135.24 3.88 -43.20	165.12 3.62 -73.24	198.29 6.90 -23.23	189.58 6.99 -12.02	189.10 4.64 -68.34	179.28 5.35 -33.14	144.14 3.85 -36.10	128.87 3.68 -37.65	127.26 4.10 -35.99
STEUBEN_REC_LFGE 323667	60.99 -6.14 4.28	60.99 -6.21 4.14	61.14 -6.49 3.64	61.50 -6.41 3.36	61.05 -5.87 4.64	61.95 -5.18 4.87	72.18 -4.80 1.69	73.58 -5.60 8.35	77.62 -5.54 4.82	75.19 -6.57 5.86	76.50 -6.23 5.07	76.92 -6.59 4.30	78.00 -6.05 3.65	76.66 -5.77 3.69	78.70 -5.17 3.75	88.61 -3.44 -3.88	99.36 -2.21 -13.31	149.50 -4.20 14.47	145.01 -4.61 20.95	141.59 -3.02 -28.49	121.66 -5.07 14.05	91.57 -4.27 8.34	77.46 -3.85 6.23	79.61 -4.27 3.29
STILLWATER__SOLAR 323814	117.33 4.64 -41.27	115.60 4.57 -39.68	110.72 4.57 -34.89	107.97 4.57 -32.14	121.05 4.79 -44.70	125.15 5.04 -48.11	185.90 5.59 -101.64	208.35 6.22 -114.60	187.55 6.42 -93.15	131.47 5.87 -37.98	126.64 5.97 -32.86	121.55 5.88 -27.85	117.05 5.79 -23.56	115.55 5.59 -23.83	117.60 5.78 -24.20	138.99 6.17 -44.66	170.76 6.80 -75.71	218.99 12.77 -38.05	205.45 12.96 -21.93	220.82 8.82 -95.89	211.66 10.42 -60.46	149.10 7.60 -37.32	132.85 6.39 -38.92	130.48 6.10 -37.20
STONY__BROOK 24151	118.24 6.64 -40.18	115.47 6.49 -37.64	109.43 6.42 -31.74	110.78 6.48 -33.02	115.79 6.58 -37.66	120.93 6.98 -41.95	138.46 7.79 -52.00	162.46 8.49 -66.44	147.13 9.76 -49.38	126.65 8.85 -30.19	122.79 8.86 -26.12	118.38 8.43 -22.14	114.49 8.06 -18.73	113.07 8.01 -18.94	115.70 8.85 -19.23	133.10 9.44 -35.50	157.02 8.74 -60.03	196.57 16.31 -12.08	192.24 16.54 -5.14	171.18 11.50 -43.57	166.37 12.53 -13.06	143.53 9.69 -29.66	130.61 8.75 -34.32	124.94 8.19 -29.57
STURGEON_POOL_HYD 23609	108.90 3.86 -33.63	107.45 3.78 -32.33	103.47 3.78 -28.42	101.16 3.71 -26.18	111.69 3.72 -36.42	115.16 3.96 -39.20	129.27 4.48 -46.12	162.22 5.25 -69.44	144.97 5.72 -51.27	124.34 5.78 -30.94	120.28 5.71 -26.77	116.12 5.62 -22.69	112.33 5.44 -19.19	110.79 5.25 -19.41	113.11 5.78 -19.71	130.63 6.08 -36.38	156.21 6.27 -61.69	193.66 12.11 -13.38	188.61 12.11 -5.94	170.81 8.24 -46.45	166.59 9.43 -16.37	141.57 6.98 -30.40	124.85 5.60 -31.71	122.28 4.79 -30.31
ST_LAW_115_BK7_LBMP 345037	70.84 -0.57 0.00	70.85 -0.50 0.00	70.92 -0.35 0.00	70.99 -0.28 0.00	70.91 -0.65 0.00	70.78 -1.22 0.00	77.10 -1.57 0.00	85.86 -1.67 0.00	85.69 -2.29 0.00	85.77 -1.84 0.00	85.79 -2.02 0.00	85.79 -2.02 0.00	85.86 -1.85 0.00	84.48 -1.64 0.00	85.95 -1.67 0.00	85.87 -2.29 0.00	85.88 -2.38 0.00	163.80 -4.37 0.00	166.47 -4.10 0.00	113.45 -2.67 0.00	138.39 -2.39 0.00	102.62 -1.56 0.00	86.14 -1.40 0.00	86.22 -0.96 0.00

ST_LAW_115_BK8_LBMP 345038	70.84 -0.57 0.00	70.85 -0.50 0.00	70.92 -0.35 0.00	70.99 -0.28 0.00	70.91 -0.65 0.00	70.78 -1.22 0.00	77.10 -1.57 0.00	85.86 -1.67 0.00	85.69 -2.29 0.00	85.77 -1.84 0.00	85.79 -2.02 0.00	85.79 -2.02 0.00	85.86 -1.85 0.00	84.48 -1.64 0.00	85.95 -1.67 0.00	85.87 -2.29 0.00	85.88 -2.38 0.00	163.80 -4.37 0.00	166.47 -4.10 0.00	113.45 -2.67 0.00	138.39 -2.39 0.00	102.62 -1.56 0.00	86.14 -1.40 0.00	86.22 -0.96 0.00
ST_LAW_230_BK5_LBMP 345035	70.84 -0.57 0.00	70.85 -0.50 0.00	70.92 -0.35 0.00	70.92 -0.35 0.00	70.98 -0.57 0.00	70.85 -1.15 0.00	77.17 -1.50 0.00	85.96 -1.57 0.00	85.87 -2.11 0.00	85.87 -1.75 0.00	85.88 -1.93 0.00	85.88 -1.93 0.00	85.86 -1.85 0.00	84.57 -1.55 0.00	86.04 -1.57 0.00	85.96 -2.20 0.00	86.05 -2.20 0.00	163.97 -4.20 0.00	166.81 -3.75 0.00	113.56 -2.56 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.14 -1.40 0.00	86.22 -0.96 0.00
ST_LAW_230_BK6_LBMP 345036	70.84 -0.57 0.00	70.85 -0.50 0.00	70.92 -0.35 0.00	70.92 -0.35 0.00	70.98 -0.57 0.00	70.85 -1.15 0.00	77.17 -1.50 0.00	85.96 -1.57 0.00	85.87 -2.11 0.00	85.87 -1.75 0.00	85.88 -1.93 0.00	85.88 -1.93 0.00	85.86 -1.85 0.00	84.57 -1.55 0.00	86.04 -1.57 0.00	85.96 -2.20 0.00	86.05 -2.20 0.00	163.97 -4.20 0.00	166.81 -3.75 0.00	113.56 -2.56 0.00	138.53 -2.26 0.00	102.72 -1.46 0.00	86.14 -1.40 0.00	86.22 -0.96 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	105.93 3.86 -30.66	104.53 3.71 -29.48	100.89 3.71 -25.91	98.85 3.71 -23.87	108.48 3.72 -33.20	111.70 3.96 -35.74	123.21 4.41 -40.14	154.76 5.16 -62.07	139.16 5.72 -45.46	121.52 5.70 -28.21	117.92 5.71 -24.41	114.12 5.62 -20.69	110.64 5.44 -17.50	109.07 5.25 -17.70	111.28 5.70 -17.97	127.24 5.91 -33.17	150.50 6.00 -56.24	191.06 11.60 -11.28	186.96 11.60 -4.79	164.71 7.90 -40.70	163.01 9.01 -13.22	138.57 6.67 -27.72	121.79 5.34 -28.91	119.61 4.79 -27.63
SWANROAD_115KV_TB1 355699	64.20 -9.14 -1.93	63.49 -9.70 -1.85	63.42 -9.48 -1.63	63.00 -9.76 -1.50	64.77 -8.87 -2.09	67.15 -7.13 -2.28	73.49 -9.05 -3.87	80.70 -11.29 -4.46	80.93 -10.65 -3.59	78.01 -11.13 -1.52	79.11 -10.01 -1.31	78.11 -10.80 -1.11	77.67 -10.96 -0.93	75.61 -11.45 -0.94	77.10 -11.48 -0.96	82.26 -10.32 -4.42	87.01 -10.41 -9.17	147.06 -23.38 -2.27	147.85 -24.73 -2.01	102.35 -16.84 -3.07	121.45 -22.53 -3.19	88.97 -16.77 -1.56	78.65 -10.42 -1.53	78.74 -10.55 -2.11
SYNERGY___BIOGAS 323694	67.23 -6.14 -1.96	66.67 -6.56 -1.89	66.45 -6.49 -1.66	66.03 -6.77 -1.53	67.95 -5.73 -2.13	70.21 -4.10 -2.32	77.89 -4.48 -3.70	86.31 -5.69 -4.47	86.08 -5.45 -3.55	82.73 -6.48 -1.60	83.56 -5.62 -1.38	83.09 -5.88 -1.16	82.63 -6.05 -0.98	80.49 -6.63 -0.99	81.96 -6.66 -1.01	87.12 -5.20 -4.16	91.74 -4.94 -8.42	161.87 -11.94 -5.64	164.54 -12.97 -6.94	112.39 -9.29 -5.57	134.19 -13.52 -6.93	95.78 -10.52 -2.12	82.74 -6.39 -1.59	83.15 -6.10 -2.08
SYRACUSE___ENERGY_ST1 323597	73.39 -1.36 -3.33	73.05 -1.50 -3.20	72.45 -1.64 -2.81	72.30 -1.57 -2.59	73.87 -1.29 -3.61	74.87 -1.01 -3.88	80.64 -0.79 -2.76	92.45 -0.79 -5.71	91.15 -0.70 -3.87	89.63 -1.05 -3.06	89.58 -0.88 -2.65	89.09 -0.97 -2.25	88.55 -1.05 -1.90	86.84 -1.21 -1.92	88.43 -1.14 -1.95	91.15 -0.62 -3.60	93.92 -0.53 -6.19	167.29 -1.35 -0.46	169.20 -1.36 0.00	118.26 -0.93 -3.08	138.81 -1.97 0.00	105.53 -1.67 -3.01	89.37 -1.31 -3.14	88.78 -1.39 -3.00
SYRACUSE___ENERGY_ST2 323598	73.39 -1.36 -3.33	73.05 -1.50 -3.20	72.45 -1.64 -2.81	72.30 -1.57 -2.59	73.87 -1.29 -3.61	74.87 -1.01 -3.88	80.64 -0.79 -2.76	92.45 -0.79 -5.71	91.15 -0.70 -3.87	89.63 -1.05 -3.06	89.58 -0.88 -2.65	89.09 -0.97 -2.25	88.55 -1.05 -1.90	86.84 -1.21 -1.92	88.43 -1.14 -1.95	91.15 -0.62 -3.60	93.92 -0.53 -6.19	167.29 -1.35 -0.46	169.20 -1.36 0.00	118.26 -0.93 -3.08	138.81 -1.97 0.00	105.53 -1.67 -3.01	89.37 -1.31 -3.14	88.78 -1.39 -3.00
SYRACUSE___POWER 24017	74.23 -1.50 -4.32	73.92 -1.57 -4.15	73.21 -1.71 -3.65	72.92 -1.71 -3.36	74.80 -1.43 -4.67	75.94 -1.08 -5.02	81.47 -0.87 -3.66	94.25 -0.88 -7.59	92.43 -0.70 -5.15	90.64 -1.05 -4.08	90.46 -0.88 -3.53	89.83 -0.97 -2.99	89.18 -1.05 -2.53	87.48 -1.21 -2.56	88.99 -1.23 -2.60	91.58 -0.62 -4.04	94.12 -0.62 -6.48	168.34 -1.51 -1.68	170.56 -1.54 -1.53	118.29 -1.05 -3.22	140.02 -1.97 -1.21	106.68 -1.67 -4.16	90.31 -1.40 -4.17	89.50 -1.48 -3.80
TALLMAN___138KV_BK151 55660	107.10 4.21 -31.47	105.67 4.07 -30.26	101.94 4.06 -26.60	99.84 4.06 -24.51	109.65 4.01 -34.09	113.01 4.32 -36.69	124.76 4.88 -41.21	156.94 5.69 -63.72	140.99 6.33 -46.67	122.97 6.40 -28.96	119.19 6.32 -25.06	115.37 6.32 -21.24	111.81 6.14 -17.96	110.24 5.94 -18.17	112.38 6.31 -18.45	128.74 6.52 -34.05	152.62 6.62 -57.74	192.37 12.61 -11.59	188.28 12.79 -4.92	166.49 8.59 -41.79	164.21 9.85 -13.57	139.93 7.29 -28.46	123.17 5.95 -29.68	120.86 5.32 -28.37
TEALLAVE_115KV_TB7 355573	72.45 -1.86 -2.90	72.13 -2.00 -2.78	71.65 -2.07 -2.45	71.46 -2.07 -2.25	72.90 -1.79 -3.14	73.94 -1.44 -3.38	79.81 -1.26 -2.40	91.18 -1.31 -4.96	90.21 -1.14 -3.37	88.88 -1.40 -2.66	88.80 -1.32 -2.31	88.45 -1.32 -1.95	87.95 -1.40 -1.65	86.24 -1.55 -1.67	87.74 -1.58 -1.70	90.24 -1.06 -3.13	92.65 -1.06 -5.45	166.06 -2.52 -0.41	168.01 -2.56 0.00	117.08 -1.74 -2.71	137.83 -2.96 0.00	104.40 -2.40 -2.62	88.43 -1.84 -2.73	87.87 -1.92 -2.61
TELGRAPH_34_KV_EAST 80808	65.72 -7.64 -1.94	65.16 -8.06 -1.88	64.94 -7.98 -1.65	64.59 -8.20 -1.52	66.36 -7.30 -2.11	68.68 -5.62 -2.30	75.90 -6.53 -3.76	83.64 -8.32 -4.43	83.78 -7.74 -3.54	80.58 -8.59 -1.55	81.50 -7.64 -1.34	80.95 -7.99 -1.13	80.50 -8.16 -0.95	78.39 -8.70 -0.96	79.83 -8.76 -0.98	84.99 -7.41 -4.23	89.66 -7.33 -8.73	158.07 -17.15 -7.05	161.26 -18.25 -8.95	109.15 -12.66 -5.70	131.88 -17.46 -8.55	93.14 -13.34 -2.29	80.79 -8.32 -1.56	81.16 -8.11 -2.09
TEMPLE___115KV_TB 2 55572	72.49 -1.86 -2.94	72.24 -1.93 -2.82	71.69 -2.07 -2.48	71.49 -2.07 -2.29	73.02 -1.72 -3.18	74.05 -1.37 -3.42	79.92 -1.18 -2.43	91.34 -1.23 -5.03	90.34 -1.06 -3.42	88.92 -1.40 -2.70	88.92 -1.23 -2.34	88.47 -1.32 -1.98	87.98 -1.40 -1.68	86.27 -1.55 -1.70	87.85 -1.49 -1.72	90.37 -0.97 -3.18	92.80 -0.97 -5.52	166.23 -2.35 -0.41	168.18 -2.39 0.00	117.12 -1.74 -2.74	137.97 -2.82 0.00	104.55 -2.29 -2.65	88.47 -1.84 -2.77	87.90 -1.92 -2.65
TIANA____69_KV_BK 1 55817	118.74 7.14 -40.18	115.90 6.92 -37.64	109.93 6.91 -31.74	111.64 7.34 -33.02	116.58 7.37 -37.66	121.51 7.56 -41.95	139.48 8.81 -52.00	163.76 9.80 -66.43	148.27 10.91 -49.38	126.83 9.02 -30.18	123.05 9.13 -26.11	118.55 8.61 -22.14	114.50 8.07 -18.72	112.98 7.92 -18.94	115.43 8.59 -19.23	131.59 7.93 -35.49	157.29 9.00 -60.03	198.25 17.99 -12.09	194.29 18.59 -5.14	172.23 12.54 -43.57	167.50 13.66 -13.07	143.84 10.00 -29.66	130.79 8.93 -34.32	124.94 8.19 -29.57
TILDEN___115KV_TB1 80814	74.23 -1.50 -4.32	73.92 -1.57 -4.15	73.21 -1.71 -3.65	72.92 -1.71 -3.36	74.80 -1.43 -4.67	75.94 -1.08 -5.02	81.47 -0.87 -3.66	94.25 -0.88 -7.59	92.43 -0.70 -5.15	90.64 -1.05 -4.08	90.46 -0.88 -3.53	89.83 -0.97 -2.99	89.18 -1.05 -2.53	87.48 -1.21 -2.56	88.99 -1.23 -2.60	91.58 -0.62 -4.04	94.12 -0.62 -6.48	168.34 -1.51 -1.68	170.56 -1.54 -1.53	118.29 -1.05 -3.22	140.02 -1.97 -1.21	106.68 -1.67 -4.16	90.31 -1.40 -4.17	89.50 -1.48 -3.80

TRIGEN___CC 323695	117.17 5.57 -40.18	114.40 5.42 -37.64	108.43 5.42 -31.74	109.71 5.42 -33.02	114.58 5.37 -37.66	119.57 5.62 -41.95	136.96 6.29 -52.00	161.05 7.09 -66.43	145.36 8.01 -49.38	125.77 7.97 -30.18	121.82 7.90 -26.11	117.58 7.64 -22.14	113.88 7.45 -18.72	112.38 7.32 -18.94	114.56 7.71 -19.23	131.59 7.93 -35.49	156.21 7.77 -60.18	195.23 14.97 -12.09	190.88 15.18 -5.14	170.02 10.33 -43.57	166.47 11.68 -14.00	142.70 8.86 -29.66	129.39 7.53 -34.32	123.54 6.80 -29.57
TRINITY___115KV___4 BK 55933	114.28 2.79 -40.08	112.59 2.71 -38.54	107.86 2.71 -33.88	105.19 2.71 -31.21	117.75 2.79 -43.41	121.67 2.95 -46.72	156.26 2.99 -74.60	186.34 3.24 -95.57	165.78 3.52 -74.28	128.09 3.59 -36.88	123.49 3.78 -31.91	118.81 3.95 -27.05	114.61 4.03 -22.88	113.22 3.96 -23.14	114.62 3.50 -23.50	134.88 3.35 -43.36	164.87 3.09 -73.53	199.26 5.72 -25.37	189.65 5.63 -13.46	192.26 3.83 -72.31	182.40 4.51 -37.11	143.76 3.33 -36.24	128.58 3.24 -37.80	126.79 3.49 -36.13
UNION___PROCESSING_DRP 323587	68.30 -5.14 -2.03	67.73 -5.56 -1.95	67.43 -5.56 -1.71	67.08 -5.77 -1.58	68.89 -4.87 -2.20	71.08 -3.31 -2.39	77.08 -3.07 -1.48	86.18 -4.46 -3.11	86.04 -4.05 -2.11	84.03 -5.26 -1.67	84.77 -4.48 -1.44	84.64 -4.39 -1.22	84.26 -4.47 -1.03	82.25 -4.91 -1.04	83.68 -4.99 -1.06	88.42 -3.44 -3.70	92.21 -3.44 -7.40	157.65 -9.42 1.10	158.21 -10.40 1.95	113.07 -7.20 -4.16	128.55 -10.70 1.53	97.24 -8.33 -1.40	84.06 -5.16 -1.68	84.94 -4.27 -2.04
UPPER HUDSON___HYD 24058	118.56 5.64 -41.51	116.75 5.49 -39.91	111.92 5.56 -35.08	109.08 5.49 -32.32	122.30 5.79 -44.95	126.50 6.12 -48.38	189.98 6.92 -104.38	211.90 7.70 -116.66	191.04 7.92 -95.13	133.08 7.27 -38.19	128.31 7.46 -33.04	123.10 7.28 -28.01	118.50 7.10 -23.69	116.89 6.80 -23.96	118.87 6.92 -24.34	140.48 7.41 -44.91	172.61 8.21 -76.14	223.28 15.80 -39.30	209.18 15.87 -22.75	225.09 10.68 -98.30	216.05 12.53 -62.75	150.98 9.27 -37.53	134.30 7.61 -39.14	131.91 7.32 -37.41
UPPER RAQUET___HYD 24056	71.34 -0.07 0.00	71.41 0.07 0.00	71.41 0.14 0.00	71.56 0.29 0.00	71.34 -0.21 0.00	70.78 -1.22 0.00	76.94 -1.73 0.00	85.86 -1.67 0.00	85.52 -2.46 0.00	85.69 -1.93 0.00	86.23 -1.58 0.00	86.23 -1.58 0.00	86.30 -1.41 0.00	84.92 -1.21 0.00	86.39 -1.23 0.00	85.96 -2.20 0.00	86.14 -2.12 0.00	163.97 -4.20 0.00	167.16 -3.41 0.00	113.79 -2.32 0.00	138.53 -2.26 0.00	102.94 -1.25 0.00	86.67 -0.88 0.00	87.18 0.00 0.00
VALLEY44_115KV_TB2 355964	67.54 -5.64 -1.77	68.18 -4.85 -1.69	67.56 -5.20 -1.49	67.72 -4.92 -1.37	67.68 -5.80 -1.92	67.13 -6.98 -2.11	75.58 -7.71 -4.61	85.97 -6.56 -5.00	85.38 -6.69 -4.09	83.69 -5.52 -1.59	82.78 -6.41 -1.38	82.74 -6.23 -1.17	82.20 -6.49 -0.98	80.66 -6.46 -1.00	81.79 -6.83 -1.01	85.49 -7.93 -5.27	91.65 -7.68 -11.08	154.47 -10.59 3.11	154.53 -10.06 5.97	111.57 -6.97 -2.42	130.23 -7.88 2.67	98.99 -6.04 -0.85	81.41 -7.79 -1.66	80.72 -8.89 -2.43
VALLEY___115KV_TB 1-4 80826	72.13 0.71 0.00	72.06 0.71 0.00	71.91 0.64 0.00	71.98 0.71 0.00	72.34 0.79 0.00	73.01 1.01 0.00	81.11 2.44 0.00	90.33 2.80 0.00	90.88 2.90 0.00	90.60 2.98 0.00	90.79 2.99 0.00	90.79 2.99 0.00	90.68 2.98 0.00	88.88 2.76 0.00	90.42 2.80 0.00	91.16 3.00 0.00	92.05 3.80 0.00	176.75 8.58 0.00	180.29 9.72 0.00	123.20 7.08 0.00	149.23 8.45 0.00	110.64 6.46 0.00	93.32 5.78 0.00	92.67 5.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	89.67 4.07 -14.19	89.34 4.35 -13.64	87.33 4.06 -11.99	86.60 4.28 -11.05	91.36 4.44 -15.37	93.22 4.68 -16.54	109.21 5.03 -25.51	126.98 6.21 -33.23	120.17 6.51 -25.68	106.89 6.22 -13.06	105.16 6.06 -11.30	103.53 6.15 -9.58	101.77 5.96 -8.10	99.83 5.51 -8.19	101.63 5.70 -8.32	109.86 6.35 -15.35	120.93 6.62 -26.05	189.84 13.12 -8.55	188.68 13.65 -4.47	150.24 9.29 -24.83	163.39 10.28 -12.33	124.72 7.71 -12.83	106.87 5.95 -13.38	105.28 5.32 -12.79
VISCHER___FERRY HYD 24020	115.98 3.93 -40.64	114.27 3.85 -39.08	109.47 3.85 -34.35	106.76 3.85 -31.65	119.58 4.00 -44.02	123.55 4.17 -47.38	176.49 4.64 -93.18	200.95 5.07 -108.35	180.36 5.28 -87.10	130.10 5.08 -37.40	125.34 5.18 -32.36	120.42 5.18 -27.43	116.16 5.26 -23.20	114.67 5.08 -23.47	116.53 5.08 -23.83	137.34 5.20 -43.98	168.29 5.47 -74.55	212.58 10.26 -34.15	200.14 10.23 -19.35	211.66 7.08 -88.46	202.58 8.45 -53.35	147.18 6.25 -36.75	131.21 5.34 -38.33	128.87 5.05 -36.64
V_A_10_SYNC_DSASP 323832	65.41 -8.00 -2.00	64.69 -8.56 -1.91	64.54 -8.41 -1.68	64.12 -8.70 -1.55	66.06 -7.66 -2.16	68.59 -5.76 -2.35	76.44 -5.90 -3.67	83.99 -8.05 -4.51	83.89 -7.66 -3.56	80.13 -9.11 -1.63	81.14 -8.08 -1.41	81.10 -7.90 -1.20	80.64 -8.07 -1.01	78.62 -8.53 -1.02	80.07 -8.58 -1.04	85.36 -6.88 -4.08	89.57 -6.88 -8.20	147.77 -17.16 3.25	145.96 -18.76 5.84	105.04 -12.89 -1.82	119.75 -17.88 3.15	91.72 -13.34 -0.87	80.68 -8.49 -1.62	81.94 -7.32 -2.09
V_CMM_10_SYNC_DSASP 323787	71.13 -0.28 0.00	71.13 -0.21 0.00	71.20 -0.07 0.00	71.27 0.00 0.00	71.27 -0.29 0.00	71.14 -0.86 0.00	77.49 -1.18 0.00	86.22 -1.31 0.00	86.05 -1.94 0.00	86.13 -1.49 0.00	86.14 -1.67 0.00	86.14 -1.67 0.00	86.21 -1.49 0.00	84.92 -1.21 0.00	86.30 -1.31 0.00	86.22 -1.94 0.00	86.32 -1.94 0.00	164.47 -3.70 0.00	167.16 -3.41 0.00	113.91 -2.21 0.00	138.95 -1.83 0.00	103.04 -1.14 0.00	86.49 -1.05 0.00	86.57 -0.61 0.00
V_CMP_10_SYNC_DSASP 323788	70.34 -1.07 0.00	70.34 -1.00 0.00	70.63 -0.64 0.00	70.92 -0.35 0.00	71.20 -0.36 0.00	70.56 -1.44 0.00	76.94 -1.73 0.00	85.78 -1.75 0.00	85.43 -2.55 0.00	85.43 -2.19 0.00	85.44 -2.37 0.00	85.35 -2.46 0.00	85.25 -2.46 0.00	83.97 -2.15 0.00	85.60 -2.01 0.00	85.87 -2.29 0.00	86.49 -1.76 0.00	164.97 -3.20 0.00	168.34 -2.22 0.00	114.60 -1.51 0.00	139.65 -1.13 0.00	103.56 -0.62 0.00	87.02 -0.52 0.00	87.87 0.69 0.00
V_D_10_SYNC_DSASP 323841	71.41 0.00 0.00	71.49 0.14 0.00	71.56 0.29 0.00	71.56 0.29 0.00	71.56 0.00 0.00	71.35 -0.65 0.00	77.73 -0.94 0.00	86.57 -0.96 0.00	86.31 -1.67 0.00	86.39 -1.23 0.00	86.49 -1.31 0.00	86.49 -1.31 0.00	86.56 -1.14 0.00	85.18 -0.95 0.00	86.65 -0.96 0.00	86.58 -1.58 0.00	86.67 -1.59 0.00	164.97 -3.20 0.00	167.83 -2.74 0.00	114.25 -1.86 0.00	139.38 -1.41 0.00	103.46 -0.72 0.00	86.84 -0.70 0.00	87.00 -0.17 0.00
V_E_10_SYNC_DSASP 323830	90.28 3.43 -15.44	89.91 3.71 -14.86	87.54 3.21 -13.06	86.80 3.49 -12.03	92.21 3.93 -16.72	94.48 4.54 -17.94	104.46 5.19 -20.59	126.70 6.91 -32.26	118.22 6.68 -23.55	108.56 6.13 -14.81	106.42 5.79 -12.82	104.56 5.88 -10.87	102.52 5.62 -9.20	100.59 5.17 -9.30	102.67 5.61 -9.44	108.11 7.23 -12.72	115.25 8.39 -18.61	198.73 18.17 -12.39	202.01 19.44 -12.01	146.26 13.35 -16.80	168.94 14.08 -14.08	129.78 10.00 -15.60	109.92 7.18 -15.20	106.73 6.19 -13.36
V_F_30_NSYNC___DSASP 323816	117.43 4.64 -41.37	115.76 4.63 -39.78	110.87 4.63 -34.97	108.05 4.57 -32.21	121.16 4.79 -44.81	125.26 5.04 -48.23	187.06 5.59 -102.81	209.22 6.22 -115.48	188.40 6.42 -94.00	131.65 5.96 -38.07	126.80 6.05 -32.94	121.70 5.97 -27.92	117.29 5.97 -23.62	115.69 5.68 -23.89	117.74 5.87 -24.26	139.19 6.26 -44.77	170.95 6.80 -75.89	219.70 12.95 -38.58	205.80 12.96 -22.28	221.85 8.82 -96.91	212.63 10.42 -61.43	149.19 7.60 -37.41	132.94 6.39 -39.02	130.57 6.10 -37.29

V_F_30_SYNC_DSASP 323786	114.63 2.79 -40.43	113.00 2.78 -38.88	108.15 2.71 -34.18	105.46 2.71 -31.48	118.21 2.86 -43.79	122.08 2.95 -47.13	164.03 2.99 -82.36	191.82 3.24 -101.05	171.21 3.52 -79.71	128.50 3.68 -37.20	123.86 3.86 -32.19	119.13 4.04 -27.29	114.90 4.12 -23.08	113.51 4.05 -23.34	114.83 3.50 -23.70	135.26 3.35 -43.75	165.52 3.09 -74.17	202.90 5.72 -29.01	192.08 5.63 -15.89	199.03 3.83 -79.08	189.10 4.51 -43.81	143.97 3.23 -36.56	128.82 3.15 -38.13	127.11 3.49 -36.45
V_XM_10_SYNC_DSASP 323789	70.34 -1.07 0.00	70.34 -1.00 0.00	70.63 -0.64 0.00	70.92 -0.35 0.00	71.20 -0.36 0.00	70.56 -1.44 0.00	76.94 -1.73 0.00	85.78 -1.75 0.00	85.43 -2.55 0.00	85.43 -2.19 0.00	85.44 -2.37 0.00	85.35 -2.46 0.00	85.25 -2.46 0.00	83.97 -2.15 0.00	85.60 -2.01 0.00	85.87 -2.29 0.00	86.49 -1.76 0.00	164.97 -3.20 0.00	168.34 -2.22 0.00	114.60 -1.51 0.00	139.65 -1.13 0.00	103.56 -0.62 0.00	87.02 -0.52 0.00	87.87 0.69 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	107.50 4.43 -31.66	106.06 4.28 -30.44	102.31 4.28 -26.76	100.20 4.28 -24.65	110.06 4.22 -34.29	113.44 4.54 -36.90	125.16 5.03 -41.45	157.58 5.95 -64.10	141.44 6.51 -46.95	123.41 6.66 -29.13	119.60 6.59 -25.20	115.76 6.59 -21.36	112.09 6.31 -18.07	110.51 6.11 -18.28	112.75 6.57 -18.56	129.20 6.79 -34.25	153.22 6.88 -58.08	192.94 13.12 -11.65	188.82 13.30 -4.95	167.09 8.94 -42.03	164.71 10.28 -13.65	140.41 7.61 -28.62	123.52 6.13 -29.86	121.20 5.49 -28.54
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	109.15 4.93 -32.81	107.60 4.71 -31.55	103.78 4.78 -27.73	101.59 4.78 -25.55	111.81 4.72 -35.53	115.21 4.97 -38.24	127.24 5.59 -42.98	160.63 6.65 -66.44	144.04 7.39 -48.67	125.34 7.54 -30.19	121.48 7.55 -26.12	117.50 7.55 -22.14	113.71 7.28 -18.73	112.13 7.06 -18.94	114.39 7.54 -19.23	131.42 7.76 -35.50	156.13 7.68 -60.19	195.06 14.80 -12.09	190.54 14.84 -5.14	169.68 9.99 -43.58	166.35 11.40 -14.17	142.39 8.54 -29.67	125.31 6.83 -30.94	122.85 6.10 -29.57
W50THST__13_KV_LOAD 356117	109.58 5.36 -32.81	108.03 5.14 -31.55	104.13 5.13 -27.73	101.95 5.13 -25.55	112.17 5.08 -35.53	115.57 5.33 -38.24	127.71 6.06 -42.98	161.24 7.27 -66.44	144.66 8.01 -48.67	125.95 8.15 -30.19	122.09 8.17 -26.12	118.12 8.17 -22.14	114.32 7.89 -18.73	112.81 7.75 -18.94	115.00 8.15 -19.23	132.04 8.38 -35.50	156.83 8.38 -60.19	196.40 16.14 -12.09	191.74 16.03 -5.14	170.49 10.80 -43.58	167.34 12.39 -14.17	143.02 9.17 -29.67	125.83 7.35 -30.94	123.38 6.63 -29.57
WADING RIVER_IC_1 23522	118.09 6.50 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	111.07 6.77 -33.02	116.15 6.94 -37.66	121.37 7.42 -41.95	139.00 8.34 -52.00	162.99 9.02 -66.44	147.65 10.29 -49.38	125.60 7.80 -30.19	122.00 8.07 -26.12	117.50 7.55 -22.14	113.27 6.85 -18.73	111.86 6.80 -18.94	114.56 7.71 -19.23	132.04 8.38 -35.50	156.05 7.77 -60.03	195.40 15.14 -12.08	191.06 15.36 -5.14	170.36 10.68 -43.57	165.40 11.55 -13.07	142.39 8.54 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
WADING RIVER_IC_2 23547	118.09 6.50 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	111.07 6.77 -33.02	116.15 6.94 -37.66	121.37 7.42 -41.95	139.00 8.34 -52.00	162.99 9.02 -66.44	147.65 10.29 -49.38	125.60 7.80 -30.19	122.00 8.07 -26.12	117.50 7.55 -22.14	113.27 6.85 -18.73	111.86 6.80 -18.94	114.56 7.71 -19.23	132.04 8.38 -35.50	156.05 7.77 -60.03	195.40 15.14 -12.08	191.06 15.36 -5.14	170.36 10.68 -43.57	165.40 11.55 -13.07	142.39 8.54 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
WADING RIVER_IC_3 23601	118.09 6.50 -40.18	115.33 6.35 -37.64	109.29 6.27 -31.74	111.07 6.77 -33.02	116.15 6.94 -37.66	121.37 7.42 -41.95	139.00 8.34 -52.00	162.99 9.02 -66.44	147.65 10.29 -49.38	125.60 7.80 -30.19	122.00 8.07 -26.12	117.50 7.55 -22.14	113.27 6.85 -18.73	111.86 6.80 -18.94	114.56 7.71 -19.23	132.04 8.38 -35.50	156.05 7.77 -60.03	195.40 15.14 -12.08	191.06 15.36 -5.14	170.36 10.68 -43.57	165.40 11.55 -13.07	142.39 8.54 -29.66	129.65 7.79 -34.32	123.98 7.23 -29.57
WALDENNY_12_KV_BK2 80841	65.63 -7.64 -1.86	65.42 -7.70 -1.78	65.07 -7.77 -1.56	64.80 -7.91 -1.44	66.13 -7.44 -2.01	67.80 -6.41 -2.20	75.62 -7.08 -4.03	83.78 -8.23 -4.47	83.89 -7.74 -3.65	80.82 -8.24 -1.44	81.33 -7.73 -1.25	81.31 -7.55 -1.06	80.79 -7.81 -0.89	78.93 -8.10 -0.90	80.30 -8.24 -0.92	85.44 -7.41 -4.69	90.78 -7.33 -9.85	150.65 -15.64 1.88	150.00 -16.54 4.02	105.03 -11.38 -0.29	124.17 -15.20 1.41	93.49 -11.56 -0.87	80.51 -8.49 -1.46	80.86 -8.46 -2.14
WALDEN__HYDRO 24148	107.48 4.28 -31.78	106.04 4.14 -30.55	102.26 4.13 -26.86	100.15 4.13 -24.74	110.05 4.08 -34.42	113.43 4.39 -37.04	125.31 4.88 -41.76	157.66 5.69 -64.44	141.36 6.16 -47.22	123.08 6.22 -29.24	119.25 6.15 -25.30	115.31 6.06 -21.44	111.72 5.88 -18.14	110.15 5.68 -18.35	112.38 6.13 -18.63	128.98 6.44 -34.38	153.18 6.62 -58.30	192.72 12.78 -11.77	188.55 12.96 -5.02	167.14 8.71 -42.32	164.61 10.00 -13.84	140.21 7.29 -28.73	123.46 5.95 -29.97	121.14 5.32 -28.64
WARRENSBURG____ 23737	118.56 5.64 -41.51	116.75 5.49 -39.91	111.92 5.56 -35.08	109.08 5.49 -32.32	122.30 5.79 -44.95	126.50 6.12 -48.38	189.98 6.92 -104.38	211.90 7.70 -116.66	191.04 7.92 -95.13	133.08 7.27 -38.19	128.31 7.46 -33.04	123.10 7.28 -28.01	118.50 7.10 -23.69	116.89 6.80 -23.96	118.87 6.92 -24.34	140.48 7.41 -44.91	172.61 8.21 -76.14	223.28 15.80 -39.30	209.18 15.87 -22.75	225.09 10.68 -98.30	216.05 12.53 -62.75	150.98 9.27 -37.53	134.30 7.61 -39.14	131.91 7.32 -37.41
WATERSIDE__6 8 9 23538	109.23 5.00 -32.82	107.68 4.78 -31.55	103.78 4.78 -27.74	101.60 4.78 -25.55	111.75 4.65 -35.54	115.22 4.97 -38.25	127.08 5.43 -42.98	160.54 6.56 -66.45	144.04 7.39 -48.67	125.34 7.54 -30.19	121.65 7.73 -26.12	117.67 7.73 -22.14	113.79 7.37 -18.72	112.29 7.23 -18.94	114.47 7.62 -19.23	131.52 7.85 -35.51	156.13 7.68 -60.20	194.90 14.63 -12.10	190.21 14.50 -5.15	169.46 9.75 -43.59	166.08 11.12 -14.18	142.30 8.44 -29.68	125.32 6.83 -30.96	122.78 6.02 -29.59
WATKINRD_115KV_LN8_ILLION 55919	72.41 1.00 0.00	72.34 1.00 0.00	72.20 0.93 0.00	72.27 1.00 0.00	72.63 1.07 0.00	73.22 1.22 0.00	83.39 4.72 0.00	93.04 5.51 0.00	93.61 5.63 0.00	93.14 5.52 0.00	93.43 5.62 0.00	93.43 5.62 0.00	93.23 5.53 0.00	91.29 5.17 0.00	92.96 5.34 0.00	93.63 5.47 0.00	94.88 6.62 0.00	182.80 14.63 0.00	186.60 16.03 0.00	127.73 11.61 0.00	154.44 13.66 0.00	114.60 10.42 0.00	96.82 9.28 0.00	96.07 8.89 0.00
WATSON__69_KV_BK 1 55734	118.67 7.07 -40.18	115.83 6.85 -37.64	109.85 6.84 -31.74	111.21 6.91 -33.02	116.16 6.94 -37.66	121.15 7.20 -41.95	138.93 8.26 -52.00	163.06 9.10 -66.43	147.65 10.29 -49.38	127.44 9.64 -30.18	123.49 9.57 -26.11	119.08 9.13 -22.14	115.28 8.86 -18.72	113.85 8.78 -18.94	116.14 9.29 -19.23	132.91 9.26 -35.49	157.74 9.44 -60.04	198.42 18.16 -12.09	194.46 18.76 -5.14	172.57 12.89 -43.57	168.08 14.22 -13.08	144.37 10.52 -29.66	131.40 9.54 -34.32	125.46 8.72 -29.57
WDELAWARE__HYD 323627	105.41 4.07 -29.92	104.04 3.92 -28.77	100.41 3.85 -25.29	98.42 3.85 -23.30	107.82 3.86 -32.41	111.13 4.25 -34.88	123.22 4.72 -39.83	154.15 5.61 -61.02	138.69 5.90 -44.82	120.94 5.78 -27.54	117.26 5.62 -23.82	113.54 5.54 -20.20	110.05 5.26 -17.08	108.39 4.99 -17.28	110.77 5.61 -17.55	126.62 6.08 -32.38	149.59 6.44 -54.89	192.27 12.77 -11.33	188.25 12.80 -4.89	164.99 8.59 -40.28	164.12 9.85 -13.49	138.42 7.18 -27.06	121.45 5.69 -28.22	119.29 5.14 -26.97

WEST BABYLON___JC 23714	118.38 6.78 -40.18	115.54 6.56 -37.64	109.57 6.56 -31.74	110.85 6.56 -33.02	115.80 6.58 -37.66	120.86 6.91 -41.95	138.54 7.87 -52.00	162.63 8.67 -66.43	147.12 9.77 -49.38	127.18 9.37 -30.18	123.23 9.31 -26.11	118.90 8.96 -22.14	115.11 8.68 -18.72	113.67 8.61 -18.94	115.79 8.94 -19.23	132.65 8.99 -35.49	157.32 9.00 -60.06	197.58 17.32 -12.09	193.44 17.74 -5.14	171.88 12.19 -43.57	167.39 13.52 -13.09	143.95 10.11 -29.66	131.05 9.19 -34.32	125.20 8.46 -29.57
WEST CANADA___HYD 24049	71.84 0.43 0.00	71.77 0.43 0.00	71.63 0.36 0.00	71.63 0.36 0.00	71.99 0.43 0.00	72.57 0.57 0.00	79.30 0.63 0.00	88.15 0.62 0.00	88.77 0.79 0.00	88.31 0.70 0.00	88.60 0.79 0.00	88.60 0.79 0.00	88.49 0.79 0.00	86.81 0.69 0.00	88.31 0.70 0.00	88.95 0.79 0.00	89.14 0.88 0.00	170.03 1.85 0.00	172.27 1.71 0.00	117.39 1.28 0.00	142.05 1.26 0.00	105.22 1.04 0.00	88.42 0.88 0.00	87.87 0.69 0.00
WESTERN_NY_WIND 24143	67.08 -6.28 -1.95	66.45 -6.78 -1.89	66.23 -6.70 -1.66	65.88 -6.91 -1.52	67.81 -5.87 -2.12	70.06 -4.25 -2.31	77.67 -4.72 -3.72	85.74 -6.21 -4.42	85.87 -5.63 -3.52	82.52 -6.66 -1.56	83.27 -5.88 -1.35	82.80 -6.15 -1.14	82.35 -6.31 -0.96	80.29 -6.80 -0.97	81.68 -6.92 -0.99	86.95 -5.38 -4.17	91.62 -5.21 -8.57	161.75 -12.61 -6.19	164.65 -13.65 -7.73	112.11 -9.64 -5.63	134.41 -13.94 -7.56	95.53 -10.83 -2.19	82.55 -6.57 -1.58	82.98 -6.28 -2.08
WESTOVER___LESR 323668	78.99 -1.14 -8.72	78.65 -1.07 -8.38	77.42 -1.21 -7.36	76.92 -1.14 -6.78	80.00 -1.00 -9.44	81.32 -0.86 -10.18	90.65 -0.87 -12.84	105.15 -0.70 -18.32	101.21 -0.53 -13.75	94.72 -0.70 -7.80	93.85 -0.70 -6.75	92.74 -0.79 -5.72	91.66 -0.88 -4.84	89.98 -1.03 -4.89	91.62 -0.96 -4.97	98.22 -0.71 -10.76	107.09 -0.44 -19.27	169.36 -0.50 -1.69	168.67 -0.51 1.38	130.40 -0.35 -14.63	142.31 -1.13 -2.66	110.53 -0.94 -7.29	94.46 -1.05 -7.97	93.79 -1.39 -8.01
WETHRSFD_WT_PWR 323626	65.15 -7.57 -1.31	64.96 -7.63 -1.25	64.60 -7.77 -1.10	64.52 -7.77 -1.01	65.61 -7.37 -1.42	67.17 -6.41 -1.58	75.64 -6.69 -3.65	83.11 -7.70 -3.28	83.44 -7.48 -2.93	79.68 -8.58 -0.65	80.29 -8.08 -0.56	80.21 -8.08 -0.47	80.03 -8.07 -0.40	78.34 -8.18 -0.40	80.05 -7.97 -0.41	86.23 -6.97 -5.04	93.04 -6.36 -11.14	150.37 -13.29 4.52	148.46 -14.33 7.78	92.76 -9.75 13.60	123.44 -13.24 4.11	93.70 -10.10 0.38	80.07 -8.05 -0.58	80.59 -8.20 -1.61
WHAVSTOR_138KV_BK127 55557	107.25 4.14 -31.69	105.81 4.00 -30.47	102.05 3.99 -26.79	99.94 3.99 -24.68	109.81 3.94 -34.32	113.12 4.18 -36.94	124.89 4.72 -41.50	157.21 5.51 -64.16	141.14 6.16 -47.00	123.00 6.22 -29.16	119.27 6.23 -25.23	115.34 6.15 -21.39	111.75 5.96 -18.09	110.19 5.77 -18.30	112.42 6.22 -18.58	128.80 6.35 -34.29	152.84 6.44 -58.14	192.12 12.28 -11.67	187.97 12.45 -4.96	166.55 8.36 -42.08	164.02 9.57 -13.67	139.92 7.08 -28.65	123.20 5.78 -29.89	120.88 5.14 -28.57
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	107.25 4.14 -31.69	105.81 4.00 -30.47	102.05 3.99 -26.79	99.94 3.99 -24.68	109.81 3.94 -34.32	113.12 4.18 -36.94	124.89 4.72 -41.50	157.21 5.51 -64.16	141.14 6.16 -47.00	123.00 6.22 -29.16	119.27 6.23 -25.23	115.34 6.15 -21.39	111.75 5.96 -18.09	110.19 5.77 -18.30	112.42 6.22 -18.58	128.80 6.35 -34.29	152.84 6.44 -58.14	192.12 12.28 -11.67	187.97 12.45 -4.96	166.55 8.36 -42.08	164.02 9.57 -13.67	139.92 7.08 -28.65	123.20 5.78 -29.89	120.88 5.14 -28.57
WHITEHAL_115KV_TB1 80871	119.92 7.07 -41.43	118.03 6.85 -39.84	113.20 6.91 -35.02	110.37 6.84 -32.26	123.73 7.30 -44.87	127.93 7.63 -48.29	190.83 8.65 -103.50	213.24 9.72 -116.00	192.42 9.94 -94.50	134.85 9.11 -38.12	130.01 9.22 -32.98	124.90 9.13 -27.96	120.21 8.86 -23.65	118.57 8.53 -23.92	120.58 8.67 -24.29	142.42 9.43 -44.83	174.50 10.24 -76.01	227.42 20.35 -38.90	213.35 20.30 -22.49	227.23 13.59 -97.53	218.85 16.05 -62.01	153.31 11.67 -37.46	136.15 9.54 -39.07	133.59 9.07 -37.35
WHITEPLN_13_KV_LOAD 356215	109.37 5.21 -32.74	107.82 4.99 -31.48	103.94 4.99 -27.68	101.76 4.99 -25.50	111.95 4.94 -35.46	115.42 5.26 -38.17	127.39 5.82 -42.90	160.84 7.00 -66.31	144.30 7.74 -48.57	125.63 7.89 -30.13	121.78 7.90 -26.07	117.72 7.81 -22.10	113.93 7.54 -18.69	112.35 7.32 -18.90	114.61 7.80 -19.20	131.70 8.11 -35.43	156.45 8.12 -60.07	195.88 15.64 -12.06	191.39 15.69 -5.13	170.17 10.57 -43.49	167.17 12.25 -14.14	142.75 8.96 -29.61	125.69 7.27 -30.88	123.23 6.54 -29.51
WM_FLOYD_69_KV_BK2 356380	118.24 6.64 -40.18	115.40 6.42 -37.64	109.43 6.41 -31.74	111.00 6.70 -33.02	116.01 6.80 -37.66	120.86 6.91 -41.95	138.69 8.02 -52.00	162.80 8.84 -66.43	147.30 9.94 -49.38	126.30 8.50 -30.18	122.53 8.61 -26.11	118.02 8.08 -22.14	113.97 7.54 -18.72	112.55 7.49 -18.94	115.00 8.15 -19.23	131.24 7.58 -35.49	156.68 8.38 -60.03	196.91 16.65 -12.09	192.76 17.06 -5.14	171.30 11.61 -43.57	166.52 12.67 -13.07	143.11 9.27 -29.66	130.26 8.40 -34.32	124.33 7.58 -29.57
WOODARD___115KV_TB2 355635	72.51 -1.86 -2.96	72.19 -2.00 -2.84	71.70 -2.07 -2.50	71.51 -2.07 -2.30	72.97 -1.79 -3.20	74.01 -1.44 -3.45	79.78 -1.34 -2.45	91.20 -1.40 -5.07	90.10 -1.32 -3.44	88.76 -1.58 -2.72	88.67 -1.49 -2.35	88.31 -1.49 -1.99	87.81 -1.58 -1.69	86.11 -1.72 -1.71	87.60 -1.75 -1.73	90.13 -1.23 -3.20	92.64 -1.15 -5.53	165.89 -2.69 -0.41	167.84 -2.73 0.00	116.89 -1.97 -2.75	137.69 -3.10 0.00	104.35 -2.50 -2.67	88.40 -1.93 -2.79	87.84 -2.01 -2.66
YORK___WARBASSE 23770	109.37 5.14 -32.82	107.75 4.85 -31.55	103.85 4.85 -27.74	101.60 4.78 -25.55	111.82 4.72 -35.54	115.22 4.97 -38.25	133.36 5.51 -49.18	185.49 6.65 -91.30	186.41 7.57 -90.86	160.70 7.80 -65.28	151.81 7.90 -56.10	148.78 7.90 -53.07	146.45 7.54 -51.21	146.76 7.41 -53.23	149.13 7.89 -53.63	173.11 8.20 -76.75	189.44 8.03 -93.15	273.71 15.47 -90.06	271.47 15.52 -85.38	221.84 10.33 -95.39	193.54 11.83 -40.93	172.06 8.86 -59.02	152.30 7.09 -57.67	137.50 6.28 -44.05