

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/07/2025

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	122.39	110.18	115.98	114.42	118.75	126.82	147.61	170.31	153.43	147.17	145.96	143.88	140.04	139.05	140.01	150.71	175.18	220.08	205.99	189.50	161.34	155.40	143.27	141.06
24138	6.28	5.84	5.62	5.55	5.41	4.56	4.89	3.79	4.02	3.90	4.90	4.39	4.10	4.08	4.21	3.89	5.36	7.31	6.99	5.91	7.20	6.98	6.83	6.78
	-45.51	-33.96	-40.12	-38.55	-43.02	-58.08	-73.83	-115.98	-97.89	-97.95	-81.95	-87.26	-88.80	-88.03	-87.42	-100.47	-108.22	-131.61	-118.57	-114.88	-83.53	-77.89	-65.95	-63.62
74TH STREET_GT_1	122.26	110.05	115.85	114.22	118.62	126.64	147.35	170.13	153.29	147.01	145.80	143.74	139.87	138.83	139.78	150.55	174.95	219.77	205.77	189.38	161.08	154.93	143.00	140.93
24260	6.14	5.70	5.48	5.34	5.27	4.36	4.62	3.59	3.86	3.72	4.73	4.23	3.91	3.85	3.97	3.71	5.11	6.98	6.76	5.77	6.92	6.49	6.55	6.64
	-45.52	-33.97	-40.13	-38.56	-43.03	-58.09	-73.84	-116.00	-97.91	-97.96	-81.96	-87.27	-88.82	-88.04	-87.44	-100.49	-108.24	-131.63	-118.59	-114.90	-83.56	-77.91	-65.97	-63.63
74TH STREET_GT_2	122.26	110.05	115.85	114.22	118.62	126.64	147.35	170.13	153.29	147.01	145.80	143.74	139.87	138.83	139.78	150.55	174.95	219.77	205.77	189.38	161.08	154.93	143.00	140.93
24261	6.14	5.70	5.48	5.34	5.27	4.36	4.62	3.59	3.86	3.72	4.73	4.23	3.91	3.85	3.97	3.71	5.11	6.98	6.76	5.77	6.92	6.49	6.55	6.64
	-45.52	-33.97	-40.13	-38.56	-43.03	-58.09	-73.84	-116.00	-97.91	-97.96	-81.96	-87.27	-88.82	-88.04	-87.44	-100.49	-108.24	-131.63	-118.59	-114.90	-83.56	-77.91	-65.97	-63.63
ADK HUDSON___FALLS	138.25	122.21	130.30	128.19	134.37	147.78	174.41	234.64	204.08	194.65	188.50	188.28	183.79	182.15	183.26	203.56	227.02	264.51	246.20	228.36	188.58	182.03	165.58	162.33
24011	6.21	5.98	5.90	5.84	5.98	5.20	5.86	3.49	3.71	2.90	3.72	3.29	2.88	2.91	3.00	2.97	4.13	5.44	5.39	4.19	5.08	6.35	6.06	5.79
	-61.44	-45.84	-54.16	-52.04	-58.07	-78.40	-99.66	-180.62	-148.86	-146.42	-125.67	-132.75	-133.78	-132.30	-131.89	-154.24	-161.30	-177.91	-160.39	-155.46	-112.90	-105.15	-89.04	-85.88
ADK RESOURCE___RCVRY	138.79	122.67	130.76	128.73	134.89	148.29	175.03	233.72	203.63	194.20	188.12	187.86	183.36	181.74	182.84	202.91	226.62	265.19	246.87	228.88	189.01	181.11	166.05	162.88
23798	6.71	6.40	6.32	6.33	6.46	5.65	6.41	3.84	4.12	3.17	4.14	3.66	3.16	3.19	3.29	3.29	4.49	6.01	5.95	4.60	5.44	5.36	6.48	6.29
	-61.48	-45.88	-54.20	-52.08	-58.11	-78.45	-99.73	-179.35	-147.99	-145.70	-124.88	-131.98	-133.06	-131.61	-131.17	-153.27	-160.53	-178.02	-160.49	-155.56	-112.97	-105.22	-89.09	-85.94
ADK S GLENS___FALLS	138.25	122.21	130.30	128.19	134.37	147.78	174.41	234.64	204.08	194.65	188.50	188.28	183.79	182.15	183.26	203.56	227.02	264.51	246.20	228.36	188.58	182.03	165.58	162.33
24028	6.21	5.98	5.90	5.84	5.98	5.20	5.86	3.49	3.71	2.90	3.72	3.29	2.88	2.91	3.00	2.97	4.13	5.44	5.39	4.19	5.08	6.35	6.06	5.79
	-61.44	-45.84	-54.16	-52.04	-58.07	-78.40	-99.66	-180.62	-148.86	-146.42	-125.67	-132.75	-133.78	-132.30	-131.89	-154.24	-161.30	-177.91	-160.39	-155.46	-112.90	-105.15	-89.04	-85.88
ADK_NYS___DAM	134.64	119.54	127.25	125.08	130.96	143.35	168.73	252.74	215.47	203.79	199.26	198.76	193.25	191.11	192.75	217.04	236.11	256.96	239.13	222.14	184.27	176.94	161.44	158.10
23527	4.87	5.00	4.84	4.64	4.71	3.66	3.86	2.78	2.88	2.40	3.19	2.82	2.54	2.49	2.66	2.50	3.14	4.30	4.10	3.57	4.94	5.15	5.22	4.73
	-59.17	-44.15	-52.17	-50.12	-55.93	-75.51	-95.99	-199.43	-161.07	-156.06	-136.97	-143.71	-143.56	-141.68	-141.71	-168.20	-171.37	-171.50	-154.61	-149.86	-108.73	-101.27	-85.75	-82.71
AIR_PRODUCTS___DRP	132.06	116.69	124.59	122.62	128.45	140.59	165.83	175.61	161.21	157.78	149.83	149.99	148.05	147.36	147.53	157.38	186.66	253.53	235.88	219.24	181.06	173.43	157.93	155.69
24190	2.05	1.97	1.97	1.97	1.97	0.58	0.55	0.30	0.41	0.32	0.41	0.42	0.38	0.42	0.39	0.37	0.49	0.65	0.64	0.48	1.27	1.20	1.34	1.98
	-59.42	-44.34	-52.38	-50.33	-56.16	-75.82	-96.39	-124.77	-109.28	-112.13	-90.31	-97.34	-100.53	-100.00	-98.76	-110.66	-124.57	-171.72	-154.81	-150.05	-109.19	-101.70	-86.11	-83.06
AKWESSNE_115KV_BK	69.61	69.54	69.47	69.54	69.47	59.76	64.07	47.10	47.86	42.02	54.97	48.73	43.37	43.04	44.51	42.59	56.67	73.86	73.75	63.42	69.54	69.61	69.42	69.45
355683	-0.99	-0.84	-0.77	-0.77	-0.84	-4.43	-4.82	-3.44	-3.66	-3.31	-4.14	-3.50	-3.77	-3.90	-3.87	-3.75	-4.93	-7.30	-6.68	-5.29	-1.06	-0.92	-1.06	-1.20
	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	131.92	116.96	124.67	122.75	128.45	140.35	165.24	183.39	166.33	161.55	154.58	154.39	151.85	150.99	151.47	162.97	190.99	251.40	234.10	217.33	180.00	172.60	157.32	154.94
323833	3.25	3.24	3.23	3.24	3.24	2.05	2.14	1.47	1.44	1.04	1.30	1.15	0.99	1.03	1.11	1.20	1.72	2.36	2.33	1.92	2.68	2.68	2.68	3.11
	-58.07	-43.34	-51.20	-49.19	-54.89	-74.11	-94.21	-131.39	-113.37	-115.17	-94.17	-101.01	-103.72	-103.02	-101.98	-115.42	-127.67	-167.88	-151.34	-146.70	-106.71	-99.39	-84.16	-81.18
ALBANY_2_SOLAR	131.93	116.90	124.61	122.68	128.39	140.36	165.25	183.37	166.35	161.57	154.60	154.41	151.87	150.97	151.49	163.00	190.96	251.33	234.12	217.35	180.01	172.62	157.33	154.95
323834	3.25	3.17	3.16	3.17	3.17	2.05	2.14	1.41	1.44	1.04	1.30	1.15	0.99	0.99	1.11	1.20	1.66	2.27	2.33	1.92	2.68	2.68	2.68	3.11
	-58.08	-43.34	-51.21	-49.20	-54.90	-74.12	-94.22	-131.42	-113.40	-115.20	-94.19	-101.03	-103.74	-103.04	-102.00	-115.45	-127.70	-167.90	-151.36	-146.72	-106.73	-99.40	-84.17	-81.19
ALBANY___1	132.06	116.69	124.59	122.62	128.45	140.59	165.83	175.61	161.21	157.78	149.83	149.99	148.05	147.36	147.53	157.38	186.66	253.53	235.88	219.24	181.06	173.43	157.93	155.69
23571	2.05	1.97	1.97	1.97	1.97	0.58	0.55	0.30	0.41	0.32	0.41	0.42	0.38	0.42	0.39	0.37	0.49	0.65	0.64	0.48	1.27	1.20	1.34	1.98
	-59.42	-44.34	-52.38	-50.33	-56.16	-75.82	-96.39	-124.77	-109.28	-112.13	-90.31	-97.34	-100.53	-100.00	-98.76	-110.66	-124.57	-171.72	-154.81	-150.05	-109.19	-101.70	-86.11	-83.06

ALBANY___2 23572	132.06 2.05 -59.42	116.69 1.97 -44.34	124.59 1.97 -52.38	122.62 1.97 -50.33	128.45 1.97 -56.16	140.59 0.58 -75.82	165.83 0.55 -96.39	175.61 0.30 -124.77	161.21 0.41 -109.28	157.78 0.32 -112.13	149.83 0.41 -90.31	149.99 0.42 -97.34	148.05 0.38 -100.53	147.36 0.42 -100.00	147.53 0.39 -98.76	157.38 0.37 -110.66	186.66 0.49 -124.57	253.53 0.65 -171.72	235.88 0.64 -154.81	219.24 0.48 -150.05	181.06 1.27 -109.19	173.43 1.20 -101.70	157.93 1.34 -86.11	155.69 1.98 -83.06
ALBANY___3 23573	132.06 2.05 -59.42	116.69 1.97 -44.34	124.59 1.97 -52.38	122.62 1.97 -50.33	128.45 1.97 -56.16	140.59 0.58 -75.82	165.83 0.55 -96.39	175.61 0.30 -124.77	161.21 0.41 -109.28	157.78 0.32 -112.13	149.83 0.41 -90.31	149.99 0.42 -97.34	148.05 0.38 -100.53	147.36 0.42 -100.00	147.53 0.39 -98.76	157.38 0.37 -110.66	186.66 0.49 -124.57	253.53 0.65 -171.72	235.88 0.64 -154.81	219.24 0.48 -150.05	181.06 1.27 -109.19	173.43 1.20 -101.70	157.93 1.34 -86.11	155.69 1.98 -83.06
ALBANY___4 23574	132.06 2.05 -59.42	116.69 1.97 -44.34	124.59 1.97 -52.38	122.62 1.97 -50.33	128.45 1.97 -56.16	140.59 0.58 -75.82	165.83 0.55 -96.39	175.61 0.30 -124.77	161.21 0.41 -109.28	157.78 0.32 -112.13	149.83 0.41 -90.31	149.99 0.42 -97.34	148.05 0.38 -100.53	147.36 0.42 -100.00	147.53 0.39 -98.76	157.38 0.37 -110.66	186.66 0.49 -124.57	253.53 0.65 -171.72	235.88 0.64 -154.81	219.24 0.48 -150.05	181.06 1.27 -109.19	173.43 1.20 -101.70	157.93 1.34 -86.11	155.69 1.98 -83.06
ALBANY___LFGE 323615	133.37 2.68 -60.09	117.83 2.61 -44.84	125.74 2.52 -52.98	123.74 2.53 -50.90	129.64 2.53 -56.80	142.15 1.28 -76.68	167.67 1.31 -97.48	170.10 0.91 -118.66	157.83 1.03 -105.29	155.15 0.86 -108.96	146.85 1.12 -86.62	147.03 1.04 -93.76	145.40 0.94 -97.32	144.79 0.94 -96.91	144.88 0.97 -95.54	153.40 0.93 -106.12	184.02 1.17 -121.26	256.42 1.62 -173.64	238.57 1.61 -156.53	221.67 1.24 -151.73	183.06 2.05 -110.41	175.42 2.05 -102.84	159.60 2.05 -87.08	157.19 2.54 -84.00
ALCOA_PA_115KV_PL-6C 55860	69.61 -0.99 0.00	69.47 -0.92 0.00	69.47 -0.77 0.00	69.54 -0.77 0.00	69.40 -0.91 0.00	60.86 -4.36 -1.03	65.45 -4.75 -1.31	49.27 -3.34 -2.06	49.70 -3.55 -1.74	43.81 -3.26 -1.74	56.55 -4.02 -1.46	50.34 -3.45 -1.55	44.99 -3.72 -1.58	44.65 -3.85 -1.57	46.11 -3.82 -1.56	44.47 -3.66 -1.79	58.72 -4.80 -1.93	76.36 -7.14 -2.34	75.94 -6.59 -2.11	65.60 -5.15 -2.05	71.10 -0.99 -1.49	71.00 -0.92 -1.39	70.59 -1.06 -1.17	69.45 -1.20 0.00
ALCOA_RYNLDS___DRP 24188	69.61 -0.99 0.00	69.47 -0.92 0.00	69.47 -0.77 0.00	69.54 -0.77 0.00	69.40 -0.91 0.00	60.86 -4.36 -1.03	65.45 -4.75 -1.31	49.27 -3.34 -2.06	49.70 -3.55 -1.74	43.81 -3.26 -1.74	56.55 -4.02 -1.46	50.34 -3.45 -1.55	44.99 -3.72 -1.58	44.65 -3.85 -1.57	46.11 -3.82 -1.56	44.47 -3.66 -1.79	58.72 -4.80 -1.93	76.36 -7.14 -2.34	75.94 -6.59 -2.11	65.60 -5.15 -2.05	71.10 -0.99 -1.49	71.00 -0.92 -1.39	70.59 -1.06 -1.17	69.45 -1.20 0.00
ALCOA___DSASP 323711	69.54 -1.06 0.00	69.54 -0.84 0.00	69.47 -0.77 0.00	69.54 -0.77 0.00	69.40 -0.92 0.00	60.85 -4.37 -1.03	65.45 -4.75 -1.31	49.26 -3.34 -2.06	49.70 -3.55 -1.74	43.81 -3.26 -1.74	56.54 -4.02 -1.46	50.29 -3.50 -1.55	44.99 -3.72 -1.58	44.70 -3.80 -1.57	46.11 -3.82 -1.56	44.47 -3.66 -1.79	58.72 -4.80 -1.93	75.06 -8.44 -2.34	75.06 -7.48 -2.11	65.60 -5.15 -2.05	69.47 -1.13 0.00	69.48 -1.06 0.00	69.35 -1.13 0.00	69.38 -1.27 0.00
ALLEGHENY___COGEN 23514	79.85 0.71 -8.54	76.90 0.14 -6.37	77.49 -0.28 -7.53	77.27 -0.28 -7.23	78.25 -0.14 -8.07	75.74 0.64 -10.91	83.59 0.83 -13.87	72.88 0.56 -21.79	69.95 0.05 -18.39	63.46 -0.27 -18.40	73.91 -0.59 -15.39	67.84 -0.78 -16.39	63.16 -0.66 -16.68	62.81 -0.66 -16.54	64.17 -0.63 -16.42	64.76 -0.46 -18.87	81.68 -0.25 -20.33	106.22 0.41 -24.65	102.30 0.32 -21.56	89.03 -0.14 -20.45	85.04 -0.42 -14.86	84.58 -0.57 -14.62	82.36 -0.49 -12.38	82.80 0.21 -11.94
ALTAMONT_115KV_TB 2 55880	132.57 2.61 -59.36	117.21 2.53 -44.30	125.10 2.53 -52.33	123.13 2.53 -50.28	128.96 2.53 -56.11	141.54 1.60 -75.75	166.91 1.72 -96.30	190.06 1.21 -138.31	171.47 1.29 -118.67	166.51 1.09 -120.09	159.29 1.42 -98.77	159.23 1.25 -105.74	156.60 1.13 -108.33	155.61 1.13 -107.55	156.13 1.21 -106.55	168.58 1.16 -121.07	196.16 1.54 -133.02	254.81 2.03 -171.62	237.15 2.01 -154.72	220.39 1.72 -149.97	182.08 2.40 -109.08	174.53 2.40 -101.60	158.90 2.40 -86.03	156.18 2.54 -82.98
ALTONA_WT_PWR 323606	69.54 -1.06 0.00	69.33 -1.05 0.00	69.26 -0.98 0.00	69.26 -1.05 0.00	69.12 -1.20 0.00	59.50 -4.68 0.00	63.38 -5.51 0.00	46.65 -3.89 0.00	47.39 -4.12 0.00	41.52 -3.81 0.00	54.38 -4.73 0.00	48.16 -4.07 0.00	42.76 -4.38 0.00	42.48 -4.46 0.00	43.88 -4.50 0.00	42.04 -4.31 0.00	55.93 -5.67 0.00	71.50 -9.66 0.00	71.82 -8.60 0.00	62.66 -6.05 0.00	68.62 -1.98 0.00	68.56 -1.97 0.00	68.43 -2.05 0.00	68.89 -1.76 0.00
AMERICAN_REF_FUEL 24010	71.91 -6.28 -7.60	69.44 -6.62 -5.67	70.06 -6.88 -6.70	69.86 -6.89 -6.44	70.68 -6.82 -7.18	68.44 -5.46 -9.71	74.20 -7.03 -12.34	64.11 -5.81 -19.39	61.54 -6.34 -16.36	56.03 -5.67 -16.37	65.47 -7.33 -13.70	60.23 -6.58 -14.58	56.09 -5.89 -14.84	55.88 -5.77 -14.71	56.89 -6.10 -14.61	57.30 -5.84 -16.79	71.62 -8.07 -18.09	92.42 -10.47 -21.73	87.21 -10.45 -17.24	74.59 -9.28 -15.15	71.93 -9.67 -11.00	74.08 -9.45 -13.00	72.82 -8.67 -11.01	74.28 -7.00 -10.62
ARKWRIGHT___SUMMIT_WT_PWR 323751	75.11 -3.95 -8.46	72.19 -4.51 -6.31	72.78 -4.92 -7.46	72.49 -4.99 -7.17	73.39 -4.92 -8.00	71.53 -3.47 -10.81	78.08 -4.55 -13.74	68.33 -3.79 -21.58	65.45 -4.28 -18.21	59.61 -3.94 -18.22	69.27 -5.08 -15.25	63.82 -4.65 -16.24	59.56 -4.10 -16.52	59.28 -4.04 -16.38	60.39 -4.26 -16.27	60.96 -4.08 -18.69	76.07 -5.67 -20.14	98.25 -7.14 -24.23	92.79 -7.24 -19.61	79.71 -6.53 -17.53	76.48 -6.85 -12.73	78.17 -6.84 -14.48	76.46 -6.27 -12.26	77.75 -4.73 -11.82
ARTHUR KILL_GT_1 23520	122.06 5.93 -45.53	110.34 5.98 -33.97	115.71 5.34 -40.14	114.16 5.28 -38.57	118.48 5.13 -43.03	126.58 4.30 -58.10	129.02 4.20 -55.93	144.06 3.24 -90.28	132.04 3.40 -77.12	132.13 3.49 -83.31	129.68 4.37 -66.20	129.62 3.92 -73.47	129.30 3.68 -78.48	129.29 3.66 -78.69	129.33 3.78 -77.18	132.14 3.52 -82.27	135.61 4.93 -69.08	143.61 6.66 -55.79	143.73 6.44 -56.87	132.74 5.56 -58.47	132.52 6.78 -55.14	134.33 6.63 -57.17	131.60 6.41 -54.70	130.38 6.36 -53.36
ARTHUR_KILL_2 23512	121.84 5.72 -45.53	110.13 5.77 -33.97	115.50 5.12 -40.14	113.95 5.07 -38.57	118.27 4.92 -43.03	126.39 4.11 -58.10	128.74 3.92 -55.93	143.90 3.08 -90.28	131.88 3.25 -77.12	131.99 3.35 -83.31	129.51 4.20 -66.20	129.46 3.76 -73.47	129.15 3.54 -78.48	129.15 3.52 -78.69	129.18 3.63 -77.18	132.00 3.38 -82.27	135.35 4.68 -69.08	143.36 6.41 -55.79	143.41 6.11 -56.87	132.47 5.29 -58.47	132.23 6.49 -55.14	134.05 6.35 -57.17	131.39 6.20 -54.70	130.16 6.14 -53.36
ARTHUR_KILL_3 23513	121.48 5.36 -45.51	109.28 4.93 -33.96	115.00 4.63 -40.13	113.44 4.57 -38.56	117.77 4.43 -43.02	125.80 3.53 -58.08	128.45 3.65 -55.91	143.63 2.83 -90.26	131.66 3.04 -77.11	131.66 3.04 -83.29	129.08 3.79 -66.19	129.08 3.39 -73.45	128.81 3.21 -78.47	128.81 3.19 -78.68	128.83 3.29 -77.16	131.66 3.06 -82.25	134.85 4.19 -69.06	142.78 5.85 -55.77	142.83 5.55 -56.86	131.90 4.74 -58.45	131.66 5.93 -55.13	133.40 5.71 -57.16	130.81 5.64 -54.69	129.66 5.65 -53.35

ARTHUR_KILL_COGEN 323718	122.06 5.93 -45.53	110.34 5.98 -33.97	115.71 5.34 -40.14	114.16 5.28 -38.57	118.48 5.13 -43.03	126.58 4.30 -58.10	129.02 4.20 -55.93	144.06 3.24 -90.28	132.04 3.40 -77.12	132.13 3.49 -83.31	129.68 4.37 -66.20	129.62 3.92 -73.47	129.30 3.68 -78.48	129.29 3.66 -78.69	129.33 3.78 -77.18	132.14 3.52 -82.27	135.61 4.93 -69.08	143.61 6.66 -55.79	143.73 6.44 -56.87	132.74 5.56 -58.47	132.52 6.78 -55.14	134.33 6.63 -57.17	131.60 6.41 -54.70	130.38 6.36 -53.36
ASHOKAN____ 23654	127.83 4.45 -52.78	114.06 4.29 -39.38	120.56 3.79 -46.53	118.96 3.94 -44.71	124.00 3.79 -49.89	134.74 3.21 -67.35	158.50 3.99 -85.62	176.73 2.98 -123.21	160.23 3.04 -105.68	154.87 2.63 -106.92	150.20 3.13 -87.96	148.80 2.40 -94.16	145.66 2.07 -96.45	144.71 2.02 -95.76	145.37 2.13 -94.87	156.35 2.18 -107.82	183.77 3.76 -118.41	239.41 5.68 -152.57	223.70 5.79 -137.48	206.67 4.74 -133.22	173.36 5.86 -96.90	165.86 5.01 -90.33	152.04 5.08 -76.48	149.24 4.81 -73.78
ASTORIA_EAST_ENERGY_CC1 323581	122.76 6.63 -45.53	110.27 5.91 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.90 5.55 -43.03	126.91 4.62 -58.10	147.56 4.82 -73.84	169.93 3.39 -116.00	152.77 3.35 -97.90	146.69 3.40 -97.96	145.32 4.26 -81.95	143.22 3.71 -87.28	139.55 3.58 -88.83	138.55 3.57 -88.05	139.50 3.67 -87.45	150.14 3.29 -100.50	174.34 4.49 -108.25	219.20 6.41 -131.63	205.21 6.19 -118.59	188.84 5.22 -114.91	160.58 6.42 -83.56	154.43 5.99 -77.91	142.58 6.13 -65.97	140.51 6.22 -63.64
ASTORIA_EAST_ENERGY_CC2 323582	122.76 6.63 -45.53	110.27 5.91 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.90 5.55 -43.03	126.91 4.62 -58.10	147.56 4.82 -73.84	169.93 3.39 -116.00	152.77 3.35 -97.90	146.69 3.40 -97.96	145.32 4.26 -81.95	143.22 3.71 -87.28	139.55 3.58 -88.83	138.60 3.61 -88.05	139.50 3.67 -87.45	150.14 3.29 -100.50	174.34 4.49 -108.25	219.20 6.41 -131.63	205.21 6.19 -118.59	188.84 5.22 -114.91	160.58 6.42 -83.56	154.51 6.07 -77.91	142.65 6.20 -65.97	140.51 6.22 -63.64
ASTORIA_GT2_1 24094	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT2_2 24095	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT2_3 24096	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT2_4 24097	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT3_1 24098	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT3_2 24099	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT3_3 24100	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT3_4 24101	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT4_1 24102	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT4_2 24103	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT4_3 24104	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64

ASTORIA_GT4_4 24105	122.76 6.64 -45.53	110.27 5.91 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	169.68 3.13 -116.00	152.72 3.30 -97.91	146.65 3.35 -97.96	145.32 4.26 -81.95	143.27 3.76 -87.28	139.60 3.63 -88.83	138.56 3.57 -88.05	139.50 3.68 -87.45	150.14 3.29 -100.50	174.41 4.56 -108.25	219.21 6.41 -131.63	205.29 6.27 -118.59	188.91 5.29 -114.91	160.52 6.35 -83.56	154.44 6.00 -77.92	142.80 6.34 -65.98	140.51 6.22 -63.64
ASTORIA_GT_1 23523	122.91 6.78 -45.53	110.41 6.05 -33.97	116.20 5.83 -40.14	114.65 5.77 -38.57	119.04 5.69 -43.03	127.03 4.75 -58.10	147.76 5.03 -73.84	170.08 3.54 -116.00	152.92 3.50 -97.90	146.82 3.54 -97.96	145.43 4.37 -81.95	143.33 3.81 -87.28	139.69 3.72 -88.83	138.70 3.71 -88.05	139.65 3.82 -87.45	150.23 3.38 -100.50	174.53 4.68 -108.25	219.45 6.66 -131.63	205.45 6.44 -118.59	189.05 5.43 -114.91	160.79 6.63 -83.56	154.65 6.21 -77.91	142.80 6.35 -65.97	140.65 6.36 -63.64
ASTORIA_GT_10 24110	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.62 5.27 -43.03	126.65 4.36 -58.10	147.28 4.55 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.74 3.77 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.45 6.66 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	160.94 6.78 -83.56	154.80 6.35 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
ASTORIA_GT_11 24225	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.62 5.27 -43.03	126.65 4.36 -58.10	147.28 4.55 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.74 3.77 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.45 6.66 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	160.94 6.78 -83.56	154.80 6.35 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
ASTORIA_GT_12 24226	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.62 5.27 -43.03	126.65 4.36 -58.10	147.28 4.55 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.74 3.77 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.45 6.66 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	160.94 6.78 -83.56	154.80 6.35 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
ASTORIA_GT_13 24227	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.62 5.27 -43.03	126.65 4.36 -58.10	147.28 4.55 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.74 3.77 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.45 6.66 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	160.94 6.78 -83.56	154.80 6.35 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
ASTORIA_GT_5 24106	122.90 6.78 -45.53	110.41 6.05 -33.97	116.21 5.83 -40.14	114.65 5.77 -38.57	119.05 5.70 -43.03	127.03 4.75 -58.10	147.69 4.96 -73.84	169.83 3.28 -116.00	152.83 3.40 -97.91	146.78 3.49 -97.96	145.49 4.43 -81.95	143.38 3.87 -87.28	139.69 3.72 -88.83	138.65 3.66 -88.05	139.60 3.77 -87.45	150.23 3.38 -100.50	174.53 4.68 -108.25	219.45 6.66 -131.63	205.45 6.43 -118.59	189.05 5.43 -114.91	160.66 6.50 -83.56	154.59 6.14 -77.92	142.94 6.48 -65.98	140.65 6.36 -63.64
ASTORIA_GT_7 24107	122.90 6.78 -45.53	110.41 6.05 -33.97	116.21 5.83 -40.14	114.65 5.77 -38.57	119.05 5.70 -43.03	127.03 4.75 -58.10	147.69 4.96 -73.84	169.83 3.28 -116.00	152.83 3.40 -97.91	146.78 3.49 -97.96	145.49 4.43 -81.95	143.38 3.87 -87.28	139.69 3.72 -88.83	138.65 3.66 -88.05	139.60 3.77 -87.45	150.23 3.38 -100.50	174.53 4.68 -108.25	219.45 6.66 -131.63	205.45 6.43 -118.59	189.05 5.43 -114.91	160.66 6.50 -83.56	154.59 6.14 -77.92	142.94 6.48 -65.98	140.65 6.36 -63.64
ASTORIA_GT_8 24108	122.90 6.78 -45.53	110.41 6.05 -33.97	116.21 5.83 -40.14	114.65 5.77 -38.57	119.05 5.70 -43.03	127.03 4.75 -58.10	147.69 4.96 -73.84	169.83 3.28 -116.00	152.83 3.40 -97.91	146.78 3.49 -97.96	145.49 4.43 -81.95	143.38 3.87 -87.28	139.69 3.72 -88.83	138.65 3.66 -88.05	139.60 3.77 -87.45	150.23 3.38 -100.50	174.53 4.68 -108.25	219.45 6.66 -131.63	205.45 6.43 -118.59	189.05 5.43 -114.91	160.66 6.50 -83.56	154.59 6.14 -77.92	142.94 6.48 -65.98	140.65 6.36 -63.64
ASTORIA___2 24149	122.76 6.63 -45.53	110.27 5.91 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.90 5.55 -43.03	126.91 4.62 -58.10	147.63 4.89 -73.84	169.98 3.44 -116.00	152.82 3.40 -97.90	146.73 3.44 -97.96	145.32 4.26 -81.95	143.22 3.71 -87.28	139.60 3.63 -88.83	138.60 3.61 -88.05	139.55 3.73 -87.45	150.14 3.29 -100.50	174.34 4.49 -108.25	219.29 6.50 -131.63	205.30 6.28 -118.59	188.91 5.29 -114.91	160.58 6.42 -83.56	154.51 6.07 -77.91	142.65 6.20 -65.97	140.51 6.22 -63.64
ASTORIA___3 23516	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.63 5.28 -43.03	126.65 4.37 -58.10	147.28 4.55 -73.84	169.93 3.39 -116.00	152.93 3.50 -97.91	146.87 3.58 -97.96	152.00 4.55 -88.34	152.00 4.02 -95.75	139.74 3.77 -88.83	138.79 3.80 -88.05	139.70 3.87 -87.45	154.00 3.62 -104.03	195.68 4.93 -129.16	219.53 6.73 -131.63	205.53 6.51 -118.59	189.26 5.64 -114.91	161.00 6.85 -83.56	155.07 6.63 -77.91	143.07 6.62 -65.97	140.86 6.57 -63.64
ASTORIA___4 23517	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.62 5.27 -43.03	126.65 4.36 -58.10	147.28 4.55 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.74 3.77 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.45 6.66 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	160.94 6.78 -83.56	154.80 6.35 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
ASTORIA___5 23518	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.63 5.28 -43.03	126.65 4.37 -58.10	147.28 4.55 -73.84	169.93 3.39 -116.00	152.93 3.50 -97.91	146.87 3.58 -97.96	152.00 4.55 -88.34	152.00 4.02 -95.75	139.74 3.77 -88.83	138.79 3.80 -88.05	139.70 3.87 -87.45	154.00 3.62 -104.03	195.68 4.93 -129.16	219.53 6.73 -131.63	205.53 6.51 -118.59	189.26 5.64 -114.91	161.00 6.85 -83.56	155.07 6.63 -77.91	143.07 6.62 -65.97	140.86 6.57 -63.64
AST_ENERGY_2_CC3 323677	121.69 5.58 -45.51	109.49 5.14 -33.96	115.21 4.84 -40.13	113.72 4.85 -38.56	117.98 4.64 -43.02	126.06 3.79 -58.08	146.65 3.92 -73.84	125.14 2.98 -71.62	111.19 3.20 -56.48	110.93 3.17 -62.43	109.94 3.96 -46.87	109.94 3.55 -54.15	139.35 3.40 -88.81	138.40 3.42 -88.04	139.34 3.53 -87.43	110.68 3.24 -61.09	113.13 4.49 -47.04	121.06 6.17 -33.73	121.11 5.87 -34.81	110.18 5.01 -36.46	109.94 6.21 -33.12	111.68 5.99 -35.16	142.43 5.99 -65.96	140.28 6.00 -63.62
AST_ENERGY_2_CC4 323678	121.69 5.58 -45.51	109.49 5.14 -33.96	115.21 4.84 -40.13	113.72 4.85 -38.56	117.98 4.64 -43.02	126.06 3.79 -58.08	146.65 3.92 -73.84	125.14 2.98 -71.62	111.19 3.20 -56.48	110.93 3.17 -62.43	109.94 3.96 -46.87	109.94 3.55 -54.15	139.35 3.40 -88.81	138.40 3.42 -88.04	139.34 3.53 -87.43	110.68 3.24 -61.09	113.13 4.49 -47.04	121.06 6.17 -33.73	121.11 5.87 -34.81	110.18 5.01 -36.46	109.94 6.21 -33.12	111.68 5.99 -35.16	142.43 5.99 -65.96	140.28 6.00 -63.62

ATHENS_STG_1 23668	126.75 3.25 -52.90	112.96 3.09 -39.48	119.97 3.09 -46.64	118.22 3.09 -44.81	123.41 3.09 -50.01	133.88 2.18 -67.51	157.05 2.34 -85.82	187.08 1.72 -134.82	167.11 1.80 -113.79	160.81 1.63 -113.85	156.49 2.12 -95.25	155.54 1.88 -101.43	152.06 1.69 -103.23	150.95 1.69 -102.32	151.79 1.79 -101.62	164.80 1.67 -116.79	189.67 2.28 -125.79	237.15 3.00 -152.98	221.25 2.98 -137.85	204.83 2.54 -133.57	171.12 3.39 -97.13	164.46 3.39 -90.54	150.53 3.38 -76.66	148.00 3.39 -73.95
ATHENS_STG_2 23670	126.75 3.25 -52.90	112.96 3.09 -39.48	119.97 3.09 -46.64	118.22 3.09 -44.81	123.41 3.09 -50.01	133.88 2.18 -67.51	157.05 2.34 -85.82	187.08 1.72 -134.82	167.11 1.80 -113.79	160.81 1.63 -113.85	156.49 2.12 -95.25	155.54 1.88 -101.43	152.06 1.69 -103.23	150.95 1.69 -102.32	151.79 1.79 -101.62	164.80 1.67 -116.79	189.67 2.28 -125.79	237.15 3.00 -152.98	221.25 2.98 -137.85	204.83 2.54 -133.57	171.12 3.39 -97.13	164.46 3.39 -90.54	150.53 3.38 -76.66	148.00 3.39 -73.95
ATHENS_STG_3 23677	126.75 3.25 -52.90	112.96 3.09 -39.48	119.97 3.09 -46.64	118.22 3.09 -44.81	123.41 3.09 -50.01	133.88 2.18 -67.51	157.05 2.34 -85.82	187.08 1.72 -134.82	167.11 1.80 -113.79	160.81 1.63 -113.85	156.49 2.12 -95.25	155.54 1.88 -101.43	152.06 1.69 -103.23	150.95 1.69 -102.32	151.79 1.79 -101.62	164.80 1.67 -116.79	189.67 2.28 -125.79	237.15 3.00 -152.98	221.25 2.98 -137.85	204.83 2.54 -133.57	171.12 3.39 -97.13	164.46 3.39 -90.54	150.53 3.38 -76.66	148.00 3.39 -73.95
AUBURN___LFGE 323710	77.82 0.56 -6.65	75.63 0.28 -4.96	76.24 0.14 -5.86	76.16 0.21 -5.63	76.81 0.21 -6.29	73.20 0.51 -8.50	80.46 0.76 -10.81	68.18 0.66 -16.98	66.46 0.62 -14.33	60.21 0.54 -14.34	71.75 0.65 -12.00	65.53 0.52 -12.78	60.66 0.52 -13.00	60.39 0.56 -12.89	61.66 0.48 -12.80	61.47 0.42 -14.71	78.06 0.62 -15.84	101.24 0.81 -19.27	98.60 0.80 -17.37	86.17 0.62 -16.84	83.55 0.71 -12.24	82.36 0.42 -11.40	80.49 0.35 -9.66	80.44 0.49 -9.30
BABYLON_RES_REC 323704	123.96 7.84 -45.52	111.68 7.32 -33.97	117.05 6.68 -40.14	115.42 6.54 -38.56	119.68 6.33 -43.03	128.06 5.78 -58.10	148.74 5.99 -73.85	171.12 4.55 -116.03	154.24 4.79 -97.94	147.99 4.67 -97.99	147.02 5.91 -82.00	148.00 5.22 -90.55	145.32 4.81 -93.37	144.89 4.41 -93.54	147.55 4.55 -94.63	153.92 4.26 -103.31	199.33 5.60 -132.13	249.03 7.79 -160.07	217.75 7.48 -129.85	214.04 6.32 -139.01	192.19 7.56 -114.04	179.45 7.55 -101.37	144.22 7.75 -65.98	142.57 8.26 -63.65
BABYLON__69_KV_BK2 356345	124.95 8.83 -45.52	112.66 8.31 -33.97	118.03 7.66 -40.14	116.40 7.52 -38.56	120.66 7.31 -43.03	128.96 6.68 -58.10	149.91 7.16 -73.85	171.93 5.36 -116.03	155.12 5.67 -97.94	148.57 5.26 -97.99	147.97 6.86 -82.00	148.84 6.06 -90.55	146.02 5.52 -93.37	145.97 5.49 -93.54	148.62 5.61 -94.63	155.03 5.38 -103.31	201.06 7.33 -132.13	251.30 10.06 -160.07	220.00 9.73 -129.85	216.04 8.31 -139.01	194.10 9.46 -114.04	181.00 9.10 -101.37	145.91 9.44 -65.99	143.63 9.33 -63.65
BALL_HILL_WT_PWR 323825	74.16 -4.59 -8.15	71.40 -5.07 -6.08	72.02 -5.41 -7.19	71.81 -5.41 -6.90	72.67 -5.35 -7.70	70.62 -3.98 -10.41	76.96 -5.17 -13.24	66.99 -4.35 -20.79	64.28 -4.79 -17.55	58.54 -4.35 -17.56	68.12 -5.67 -14.69	62.76 -5.12 -15.64	58.53 -4.53 -15.92	58.26 -4.46 -15.78	59.36 -4.69 -15.67	59.91 -4.45 -18.01	74.78 -6.22 -19.40	96.62 -7.87 -23.33	91.15 -7.96 -18.69	78.20 -7.08 -16.56	75.21 -7.41 -12.03	77.08 -7.40 -13.95	75.52 -6.77 -11.81	76.82 -5.23 -11.39
BARON_WINDS___WT_PWR 323822	78.68 -2.83 -10.90	75.36 -3.17 -8.14	76.41 -3.44 -9.61	76.04 -3.51 -9.24	77.11 -3.51 -10.31	75.42 -2.69 -13.93	83.36 -3.24 -17.70	75.67 -2.68 -27.81	72.00 -2.99 -23.48	66.01 -2.81 -23.49	74.97 -3.78 -19.65	69.71 -3.45 -20.92	65.37 -3.06 -21.30	65.09 -2.96 -21.11	66.30 -3.05 -20.96	67.61 -2.83 -24.09	83.73 -3.82 -25.95	107.79 -4.79 -31.42	102.65 -4.82 -27.05	89.83 -4.26 -25.38	84.73 -4.31 -18.44	84.82 -4.37 -18.66	82.19 -4.09 -15.80	82.65 -3.25 -15.24
BARRETT_IC_1 23704	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_10 23701	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_11 23702	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_12 23703	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_2 23705	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_3 23706	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_4 23707	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64

BARRETT_IC_5 23708	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_6 23709	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_7 23710	122.69 6.57 -45.52	110.69 6.33 -33.97	116.14 5.76 -40.14	114.51 5.63 -38.56	118.62 5.27 -43.03	126.90 4.62 -58.10	147.50 4.75 -73.85	170.15 3.59 -116.02	153.30 3.86 -97.93	147.02 3.72 -97.98	145.89 4.79 -81.99	147.05 4.28 -90.54	144.41 3.91 -93.36	144.31 3.85 -93.53	147.01 4.02 -94.62	153.40 3.75 -103.30	198.83 5.11 -132.12	247.79 6.57 -160.06	216.70 6.43 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.53 6.63 -101.36	143.43 6.98 -65.98	141.08 6.78 -63.64
BARRETT_IC_8 23711	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT_IC_9 23700	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT___1 23545	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BARRETT___2 23546	122.69 6.57 -45.52	110.69 6.34 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.56	118.63 5.28 -43.03	126.91 4.62 -58.10	147.43 4.69 -73.85	170.15 3.59 -116.02	153.25 3.81 -97.93	147.07 3.76 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.41 3.91 -93.36	144.36 3.89 -93.53	147.01 4.01 -94.62	153.40 3.75 -103.30	198.77 5.05 -132.12	247.88 6.66 -160.06	216.70 6.44 -129.84	213.21 5.50 -139.00	191.55 6.92 -114.03	178.73 6.84 -101.36	143.36 6.91 -65.97	141.14 6.85 -63.64
BATAVIA___115KV_TB1 55881	74.52 -3.11 -7.03	72.11 -3.52 -5.24	72.57 -3.86 -6.19	72.47 -3.80 -5.95	73.30 -3.66 -6.64	70.60 -2.57 -8.98	76.93 -3.38 -11.41	65.54 -2.93 -17.93	63.25 -3.40 -15.13	57.39 -3.08 -15.14	67.76 -4.02 -12.67	62.06 -3.66 -13.49	57.61 -3.25 -13.73	57.45 -3.10 -13.61	58.46 -3.43 -13.51	58.68 -3.20 -15.53	74.08 -4.25 -16.73	95.91 -5.44 -20.19	91.76 -5.47 -16.81	79.27 -4.81 -15.37	76.27 -5.51 -11.18	77.14 -5.43 -12.04	75.74 -4.93 -10.20	76.80 -3.67 -9.82
BAYONEEC___CTG1 323682	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG10 323750	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG2 323683	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG3 323684	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG4 323685	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG5 323686	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG6 323687	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62

BAYONEEC___CTG7 323688	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG8 323689	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BAYONEEC___CTG9 323749	121.77 5.65 -45.51	109.56 5.21 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	157.47 3.13 -103.80	143.52 3.30 -88.70	143.26 3.27 -94.67	142.27 4.08 -79.09	142.27 3.65 -86.38	139.39 3.44 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	144.78 3.29 -95.14	142.22 4.56 -76.06	150.15 6.25 -62.74	150.20 5.95 -63.82	139.27 5.08 -65.48	139.03 6.28 -62.15	140.77 6.13 -64.11	142.50 6.06 -65.96	140.36 6.08 -63.62
BEACON___LESR 323632	133.20 3.32 -59.29	117.87 3.24 -44.24	125.67 3.16 -52.27	123.70 3.17 -50.22	129.52 3.17 -56.04	141.77 1.92 -75.65	167.13 2.06 -96.18	178.07 1.47 -126.07	163.25 1.60 -110.14	159.46 1.32 -112.82	151.92 1.72 -91.09	151.90 1.57 -98.10	149.68 1.32 -101.22	148.91 1.31 -100.66	149.23 1.40 -99.45	159.32 1.34 -111.63	188.72 1.85 -125.28	255.03 2.52 -171.35	237.47 2.57 -154.47	220.43 1.99 -149.73	182.29 2.75 -108.94	174.68 2.68 -101.47	159.00 2.61 -85.92	156.78 3.25 -82.88
BEAVER RIVER___HYD 24048	71.82 -0.57 -1.78	71.01 -0.70 -1.33	71.11 -0.70 -1.57	71.12 -0.70 -1.51	71.37 -0.63 -1.69	65.07 -1.60 -2.49	70.54 -1.52 -3.17	54.65 -0.86 -4.97	54.73 -0.98 -4.20	48.53 -1.00 -4.20	61.26 -1.36 -3.51	54.93 -1.04 -3.74	49.81 -1.13 -3.81	49.54 -1.17 -3.77	50.96 -1.16 -3.75	49.68 -0.98 -4.31	64.94 -1.30 -4.64	84.78 -2.03 -5.64	83.82 -1.69 -5.09	72.41 -1.23 -4.93	74.09 0.21 -3.28	73.73 0.14 -3.05	72.85 -0.21 -2.58	72.58 -0.57 -2.49
BEEBEE_GT_13 23619	74.59 -2.05 -6.03	72.56 -2.32 -4.50	73.03 -2.53 -5.32	72.89 -2.53 -5.11	73.63 -2.39 -5.70	70.16 -1.73 -7.71	76.56 -2.14 -9.80	64.12 -1.82 -15.40	62.40 -2.11 -13.00	56.47 -1.86 -13.00	67.56 -2.42 -10.88	61.62 -2.19 -11.58	56.99 -1.93 -11.79	56.79 -1.83 -11.69	57.90 -2.08 -11.61	57.74 -1.95 -13.34	73.38 -2.59 -14.37	95.26 -3.41 -17.50	93.09 -3.38 -16.04	81.40 -3.02 -15.72	78.64 -3.39 -11.43	77.49 -3.39 -10.34	76.13 -3.10 -8.76	76.83 -2.26 -8.43
BENSHRST_27_KV_BENSHRST_1 355998	122.76 6.64 -45.53	110.77 6.41 -33.97	116.35 5.97 -40.14	114.72 5.84 -38.57	119.12 5.77 -43.03	127.16 4.88 -58.10	147.69 4.96 -73.84	170.33 3.79 -116.00	153.50 4.07 -97.91	147.37 4.08 -97.96	152.65 5.20 -88.34	152.58 4.60 -95.75	140.21 4.24 -88.83	139.21 4.22 -88.05	140.18 4.35 -87.45	154.51 4.12 -104.04	196.43 5.67 -129.16	220.42 7.63 -131.63	206.50 7.48 -118.59	190.08 6.46 -114.91	161.96 7.70 -83.67	155.64 7.19 -77.92	143.57 7.12 -65.98	141.50 7.21 -63.64
BETHLEHEM___GRP 23843	132.06 2.05 -59.42	116.69 1.97 -44.34	124.59 1.97 -52.38	122.62 1.97 -50.33	128.45 1.97 -56.16	140.59 0.58 -75.82	165.83 0.55 -96.39	175.61 0.30 -124.77	161.21 0.41 -109.28	157.78 0.32 -112.13	149.83 0.41 -90.31	149.99 0.42 -97.34	148.05 0.38 -100.53	147.36 0.42 -100.00	147.53 0.39 -98.76	157.38 0.37 -110.66	186.66 0.49 -124.57	253.53 0.65 -171.72	235.88 0.64 -154.81	219.24 0.48 -150.05	181.06 1.27 -109.19	173.43 1.20 -101.70	157.93 1.34 -86.11	155.69 1.98 -83.06
BETHLEHEM___GS1 323560	132.07 2.05 -59.42	116.69 1.97 -44.34	124.59 1.96 -52.38	122.61 1.97 -50.33	128.45 1.97 -56.16	140.59 0.58 -75.82	165.83 0.55 -96.39	175.61 0.31 -124.77	161.21 0.41 -109.28	157.78 0.32 -112.13	149.83 0.42 -90.31	149.98 0.42 -97.34	148.05 0.38 -100.53	147.31 0.37 -100.00	147.52 0.39 -98.76	157.38 0.37 -110.66	186.65 0.49 -124.57	253.53 0.65 -171.72	235.87 0.64 -154.81	219.25 0.48 -150.05	181.05 1.27 -109.18	173.49 1.27 -101.69	157.92 1.34 -86.11	155.69 1.98 -83.06
BETHLEHEM___GS2 323561	132.07 2.05 -59.42	116.69 1.97 -44.34	124.59 1.96 -52.38	122.61 1.97 -50.33	128.45 1.97 -56.16	140.59 0.58 -75.82	165.83 0.55 -96.39	175.61 0.31 -124.77	161.21 0.41 -109.28	157.78 0.32 -112.13	149.83 0.42 -90.31	149.98 0.42 -97.34	148.05 0.38 -100.53	147.31 0.37 -100.00	147.52 0.39 -98.76	157.38 0.37 -110.66	186.65 0.49 -124.57	253.53 0.65 -171.72	235.87 0.64 -154.81	219.25 0.48 -150.05	181.05 1.27 -109.18	173.49 1.27 -101.69	157.92 1.34 -86.11	155.69 1.98 -83.06
BETHLEHEM___GS3 323562	132.07 2.05 -59.42	116.69 1.97 -44.34	124.59 1.96 -52.38	122.61 1.97 -50.33	128.45 1.97 -56.16	140.59 0.58 -75.82	165.83 0.55 -96.39	175.61 0.31 -124.77	161.21 0.41 -109.28	157.78 0.32 -112.13	149.83 0.42 -90.31	149.98 0.42 -97.34	148.05 0.38 -100.53	147.31 0.37 -100.00	147.52 0.39 -98.76	157.38 0.37 -110.66	186.65 0.49 -124.57	253.53 0.65 -171.72	235.87 0.64 -154.81	219.25 0.48 -150.05	181.05 1.27 -109.18	173.49 1.27 -101.69	157.92 1.34 -86.11	155.69 1.98 -83.06
BETHLEHEM___STEEL 23779	73.80 -4.94 -8.14	71.18 -5.28 -6.07	71.80 -5.62 -7.18	71.58 -5.63 -6.89	72.45 -5.55 -7.69	70.35 -4.24 -10.40	76.60 -5.51 -13.22	66.70 -4.60 -20.76	63.89 -5.15 -17.53	58.29 -4.58 -17.54	67.81 -5.97 -14.67	62.42 -5.43 -15.62	58.27 -4.76 -15.90	58.10 -4.60 -15.76	59.14 -4.89 -15.65	59.70 -4.63 -17.99	74.63 -6.34 -19.37	96.10 -8.36 -23.30	90.75 -8.36 -18.69	78.01 -7.28 -16.58	74.89 -7.77 -12.06	76.79 -7.69 -13.95	75.31 -6.98 -11.81	76.52 -5.51 -11.38
BETHLHEM_115KV_TB1 79974	132.09 2.12 -59.37	116.80 2.11 -44.30	124.62 2.04 -52.34	122.65 2.04 -50.29	128.47 2.04 -56.12	140.72 0.77 -75.76	165.96 0.76 -96.31	177.60 0.51 -126.56	162.59 0.57 -110.51	158.94 0.45 -113.16	151.18 0.65 -91.42	151.24 0.57 -98.43	149.20 0.52 -101.55	148.48 0.56 -100.98	148.73 0.58 -99.77	158.88 0.51 -112.03	187.93 0.68 -125.65	253.65 0.89 -171.59	236.00 0.88 -154.69	219.34 0.69 -149.94	181.18 1.48 -109.10	173.56 1.41 -101.62	158.07 1.55 -86.04	155.69 2.05 -82.99
BETHPAGE_CC_5 323564	123.33 7.20 -45.52	111.12 6.76 -33.97	116.48 6.11 -40.14	114.93 6.05 -38.56	119.12 5.77 -43.03	127.42 5.14 -58.10	147.91 5.17 -73.85	170.51 3.94 -116.03	153.62 4.17 -97.93	147.44 4.12 -97.99	146.31 5.20 -82.00	147.42 4.65 -90.55	144.80 4.29 -93.37	144.74 4.27 -93.54	147.41 4.40 -94.63	153.78 4.12 -103.31	199.33 5.60 -132.13	248.95 7.71 -160.07	217.66 7.39 -129.84	214.04 6.32 -139.01	192.19 7.56 -114.04	179.23 7.33 -101.37	143.86 7.40 -65.98	141.72 7.42 -63.65
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	73.77 -5.08 -8.25	71.12 -5.42 -6.16	71.75 -5.76 -7.27	71.54 -5.77 -6.99	72.42 -5.70 -7.80	70.36 -4.36 -10.54	76.64 -5.65 -13.40	66.89 -4.70 -21.05	64.13 -5.15 -17.77	58.48 -4.62 -17.78	67.95 -6.03 -14.87	62.64 -5.43 -15.84	58.45 -4.81 -16.12	58.27 -4.65 -15.98	59.31 -4.93 -15.87	59.90 -4.68 -18.24	74.84 -6.41 -19.64	96.43 -8.36 -23.63	91.07 -8.36 -19.01	78.34 -7.28 -16.92	75.14 -7.77 -12.30	76.91 -7.76 -14.14	75.40 -7.05 -11.97	76.61 -5.58 -11.53

BINGHAMTON___COGEN 23790	86.53 0.21 -15.71	82.11 0.00 -11.73	83.95 -0.14 -13.85	83.56 -0.07 -13.31	85.10 -0.07 -14.85	84.25 0.00 -20.06	94.46 0.07 -25.50	90.55 -0.05 -40.07	85.23 -0.10 -33.82	79.03 -0.14 -33.83	87.24 -0.18 -28.31	82.17 -0.21 -30.14	77.67 -0.14 -30.68	77.25 -0.09 -30.41	78.43 -0.15 -30.20	80.92 -0.14 -34.71	98.86 -0.12 -37.38	126.41 -0.16 -45.41	120.69 -0.16 -40.42	107.41 -0.14 -38.84	98.92 0.07 -28.24	97.30 -0.14 -26.91	93.19 -0.07 -22.78	92.83 0.21 -21.97
BIXINCNT_115KV_LOAD 355685	73.15 -6.21 -8.77	70.31 -6.62 -6.54	71.01 -6.95 -7.73	70.71 -7.03 -7.42	71.57 -7.03 -8.29	69.67 -5.71 -11.20	75.89 -7.23 -14.23	67.14 -5.76 -22.36	64.26 -6.13 -18.87	58.68 -5.53 -18.88	67.64 -7.27 -15.80	62.53 -6.53 -16.82	58.60 -5.66 -17.12	58.28 -5.63 -16.97	59.33 -5.90 -16.85	60.25 -5.47 -19.37	74.89 -7.58 -20.86	96.72 -9.58 -25.13	91.45 -9.49 -20.51	78.79 -8.38 -18.46	75.27 -8.75 -13.43	76.66 -8.89 -15.02	75.16 -8.03 -12.72	76.05 -6.85 -12.25
BLACK RIVER___HYD 24047	73.48 0.43 -2.45	72.36 0.14 -1.83	72.54 0.14 -2.16	72.54 0.14 -2.08	72.92 0.28 -2.32	67.09 -0.38 -3.28	73.06 0.00 -4.17	57.35 0.25 -6.55	57.25 0.21 -5.53	50.86 0.00 -5.53	63.68 -0.06 -4.63	57.21 0.05 -4.93	52.06 -0.09 -5.02	51.82 -0.09 -4.97	53.22 -0.10 -4.94	52.16 0.14 -5.68	67.84 0.12 -6.11	88.84 0.24 -7.44	87.62 0.49 -6.70	75.62 0.41 -6.50	76.66 1.55 -4.51	76.07 1.34 -4.20	74.88 0.85 -3.56	74.51 0.43 -3.43
BLACKRVR_115KV_TB2 79977	73.34 0.28 -2.45	72.36 0.14 -1.83	72.54 0.14 -2.16	72.53 0.14 -2.08	72.92 0.28 -2.32	67.08 -0.39 -3.28	73.06 0.00 -4.17	57.34 0.25 -6.55	57.20 0.15 -5.53	50.86 0.00 -5.53	63.68 -0.06 -4.63	57.21 0.05 -4.93	52.06 -0.09 -5.02	51.77 -0.14 -4.97	53.22 -0.10 -4.94	52.16 0.14 -5.68	67.77 0.06 -6.11	88.84 0.24 -7.44	87.61 0.48 -6.70	75.55 0.34 -6.50	76.74 1.41 -4.73	76.13 1.20 -4.40	74.91 0.70 -3.73	74.37 0.28 -3.43
BLISS_WT_PWR 323608	72.87 -6.49 -8.77	69.89 -7.04 -6.54	70.59 -7.37 -7.73	70.29 -7.46 -7.42	71.15 -7.46 -8.29	69.28 -6.10 -11.20	75.34 -7.78 -14.23	66.78 -6.12 -22.36	63.95 -6.44 -18.87	58.41 -5.80 -18.88	67.22 -7.68 -15.80	62.21 -6.84 -16.82	58.27 -5.99 -17.12	57.90 -6.01 -16.97	58.99 -6.24 -16.85	59.97 -5.75 -19.37	74.33 -8.13 -20.86	96.31 -9.99 -25.13	91.04 -9.90 -20.51	78.38 -8.80 -18.46	74.90 -9.11 -13.41	76.30 -9.24 -15.00	74.79 -8.39 -12.70	75.70 -7.21 -12.25
BLUESTONE___WT_PWR 323821	91.93 4.45 -16.88	86.92 3.94 -12.60	89.05 3.93 -14.88	88.55 3.94 -14.30	90.21 3.94 -15.96	89.27 3.53 -21.55	100.49 4.20 -27.40	96.71 3.13 -43.04	90.98 3.14 -36.33	84.35 2.67 -36.34	92.88 3.37 -30.41	87.53 2.92 -32.38	82.77 2.69 -32.95	82.18 2.58 -32.66	83.43 2.61 -32.44	86.32 2.69 -37.28	105.45 3.70 -40.16	135.16 5.20 -48.80	129.30 5.22 -43.65	115.06 4.26 -42.09	105.99 4.80 -30.59	104.00 4.58 -28.89	99.31 4.37 -24.46	98.56 4.31 -23.60
BLUE_CIRC_CHEM_DRP 24182	131.55 2.68 -58.27	116.54 2.67 -43.48	124.28 2.67 -51.37	122.35 2.67 -49.36	128.07 2.67 -55.08	140.15 1.60 -74.36	165.01 1.58 -94.53	183.82 1.11 -132.17	166.64 1.13 -113.99	161.95 0.86 -115.76	154.93 1.12 -94.70	154.79 0.99 -101.56	152.25 0.85 -104.26	151.39 0.89 -103.56	151.86 0.97 -102.52	163.39 0.97 -116.07	191.21 1.29 -128.32	251.32 1.70 -168.45	233.97 1.69 -151.86	217.35 1.44 -147.20	179.87 2.19 -107.08	172.38 2.12 -99.74	157.18 2.26 -84.45	154.65 2.54 -81.46
BOC_GAS_DRP 24189	131.97 2.26 -59.11	116.67 2.18 -44.11	124.53 2.18 -52.11	122.56 2.18 -50.07	128.37 2.18 -55.87	140.83 1.22 -75.43	166.02 1.24 -95.88	187.96 0.91 -136.51	169.82 0.98 -117.33	165.01 0.82 -118.87	157.82 1.12 -97.59	157.76 0.99 -104.54	155.20 0.90 -107.17	154.24 0.89 -106.42	154.69 0.92 -105.40	166.85 0.88 -119.62	194.46 1.17 -131.69	253.58 1.54 -170.88	236.00 1.53 -154.05	219.33 1.31 -149.32	181.19 1.98 -108.62	173.60 1.90 -101.16	158.18 2.04 -85.66	155.47 2.19 -82.62
BOONVILLE_115KV_TB1 79983	73.73 1.55 -1.57	72.97 1.41 -1.17	73.03 1.40 -1.39	73.05 1.41 -1.33	73.28 1.48 -1.49	67.20 0.90 -2.11	72.75 1.17 -2.69	55.72 0.96 -4.22	56.00 0.93 -3.56	49.66 0.77 -3.56	63.03 0.95 -2.98	56.29 0.89 -3.17	51.12 0.75 -3.23	50.84 0.70 -3.20	52.33 0.77 -3.18	50.79 0.79 -3.66	66.58 1.05 -3.94	87.41 1.46 -4.79	86.27 1.53 -4.32	74.13 1.24 -4.18	75.69 2.05 -3.04	75.34 1.97 -2.83	74.64 1.76 -2.40	74.41 1.55 -2.20
BORALEX_4TH_BRANCH 23824	134.64 4.87 -59.17	119.54 5.00 -44.15	127.25 4.85 -52.17	125.08 4.64 -50.12	130.96 4.71 -55.93	143.35 3.66 -75.51	168.74 3.86 -95.99	252.74 2.78 -199.43	215.42 2.83 -161.07	203.75 2.36 -156.06	199.21 3.13 -136.97	198.76 2.82 -143.71	193.25 2.55 -143.56	191.11 2.49 -141.68	192.75 2.66 -141.71	217.05 2.50 -168.20	236.11 3.14 -171.37	257.05 4.38 -171.50	239.14 4.10 -154.61	222.08 3.50 -149.86	184.27 4.94 -108.73	176.95 5.15 -101.27	161.45 5.22 -85.75	158.10 4.73 -82.71
BOWLINE___1 23526	119.37 4.66 -44.11	107.67 4.37 -32.92	113.28 4.14 -38.89	111.76 4.08 -37.37	115.95 3.94 -41.70	123.69 3.21 -56.30	143.90 3.44 -71.57	165.64 2.68 -112.43	149.24 2.83 -94.89	142.99 2.72 -94.94	141.97 3.43 -79.43	139.84 3.03 -84.58	136.05 2.83 -86.08	135.08 2.82 -85.33	136.02 2.90 -84.74	146.43 2.69 -97.39	170.26 3.76 -104.90	214.01 5.27 -127.57	200.34 4.99 -114.93	184.32 4.26 -111.35	156.93 5.36 -80.97	151.25 5.22 -75.50	139.55 5.14 -63.93	137.34 5.02 -61.67
BOWLINE___2 23595	119.31 4.59 -44.12	107.53 4.22 -32.92	113.14 4.00 -38.90	111.62 3.94 -37.37	115.89 3.86 -41.70	123.57 3.08 -56.30	143.84 3.37 -71.57	165.55 2.58 -112.44	149.15 2.73 -94.90	142.95 2.67 -94.95	141.92 3.37 -79.44	139.80 2.98 -84.59	135.96 2.73 -86.09	135.00 2.72 -85.34	135.98 2.85 -84.75	146.39 2.64 -97.40	170.15 3.63 -104.91	213.86 5.12 -127.59	200.28 4.91 -114.94	184.27 4.19 -111.36	156.87 5.30 -80.98	151.12 5.08 -75.51	139.42 5.00 -63.94	137.27 4.94 -61.67
BRADY___115KV_TB2 356060	69.89 -0.71 0.00	69.82 -0.56 0.00	69.82 -0.42 0.00	69.89 -0.42 0.00	69.75 -0.56 0.00	61.36 -3.98 -1.15	66.09 -4.27 -1.47	49.91 -2.93 -2.31	50.27 -3.19 -1.95	44.33 -2.95 -1.95	57.07 -3.66 -1.63	50.83 -3.13 -1.73	45.41 -3.49 -1.77	45.07 -3.61 -1.75	46.58 -3.53 -1.74	45.01 -3.34 -2.00	59.44 -4.31 -2.15	77.29 -6.49 -2.62	76.91 -5.87 -2.36	66.39 -4.60 -2.29	71.77 -0.49 -1.66	71.66 -0.42 -1.55	71.15 -0.63 -1.31	69.81 -0.85 0.00
BRANSCOMB___SOLAR 323811	136.76 5.09 -61.08	120.89 4.93 -45.58	128.93 4.84 -53.85	126.90 4.85 -51.74	132.97 4.92 -57.74	146.18 4.05 -77.94	172.45 4.48 -99.08	244.78 2.93 -191.31	210.76 3.09 -156.15	200.28 2.45 -152.50	194.52 3.13 -132.28	194.29 2.77 -139.29	189.33 2.40 -139.79	187.48 2.44 -138.11	188.83 2.56 -137.89	211.31 2.55 -162.41	232.80 3.45 -167.76	262.75 4.62 -176.96	244.46 4.50 -159.53	226.98 3.64 -154.64	187.36 4.52 -112.23	179.58 4.52 -104.53	164.00 5.00 -88.52	160.84 4.81 -85.38
BRENTWOD_69_KV_W. BRTWOOD 56703	124.74 8.61 -45.52	112.38 8.02 -33.97	117.82 7.45 -40.14	116.12 7.24 -38.56	120.38 7.03 -43.03	128.77 6.48 -58.10	149.63 6.89 -73.85	171.73 5.15 -116.03	154.91 5.46 -97.94	148.44 5.12 -97.99	147.73 6.62 -82.00	148.63 5.85 -90.55	145.88 5.37 -93.37	145.78 5.30 -93.54	148.52 5.51 -94.63	154.85 5.19 -103.31	200.87 7.15 -132.13	250.98 9.74 -160.07	219.68 9.41 -129.85	215.76 8.04 -139.01	193.89 9.25 -114.04	180.72 8.82 -101.37	145.70 9.23 -65.99	143.42 9.11 -63.65

BRISTLHL_115KV_TB1 79998	72.76 -1.55 -3.72	71.61 -1.55 -2.77	71.83 -1.69 -3.28	71.85 -1.62 -3.15	72.21 -1.62 -3.51	67.54 -1.41 -4.77	73.57 -1.38 -6.06	59.04 -1.01 -9.52	58.47 -1.08 -8.03	52.46 -0.91 -8.04	64.65 -1.18 -6.72	58.35 -1.04 -7.16	53.48 -0.94 -7.29	53.27 -0.89 -7.22	54.58 -0.97 -7.17	53.67 -0.93 -8.24	69.12 -1.36 -8.88	90.26 -1.70 -10.80	88.47 -1.69 -9.74	76.64 -1.51 -9.44	75.98 -1.48 -6.86	75.37 -1.55 -6.39	74.34 -1.55 -5.41	74.29 -1.55 -5.19
BROOKHAVEN___DRP 24191	124.67 8.54 -45.52	112.31 7.95 -33.97	117.68 7.30 -40.14	116.05 7.17 -38.56	120.31 6.96 -43.03	128.70 6.42 -58.10	149.43 6.68 -73.85	171.42 4.85 -116.03	154.81 5.36 -97.94	148.30 4.99 -97.99	147.67 6.56 -82.00	148.53 5.75 -90.55	145.79 5.28 -93.37	145.69 5.21 -93.54	148.47 5.47 -94.63	154.94 5.28 -103.31	200.94 7.21 -132.13	251.06 9.82 -160.08	219.76 9.49 -129.85	215.97 8.25 -139.02	194.04 9.39 -114.04	180.94 9.03 -101.38	145.77 9.30 -65.99	143.35 9.04 -63.65
BROOKLYN_NAVY_YARD 23515	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.19 3.92 -58.08	146.86 4.13 -73.84	169.77 3.24 -116.00	152.87 3.45 -97.90	146.69 3.40 -97.96	145.20 4.14 -81.95	143.21 3.71 -87.27	139.49 3.54 -88.81	138.50 3.52 -88.04	139.44 3.63 -87.43	150.17 3.34 -100.48	174.45 4.62 -108.23	219.19 6.41 -131.62	205.12 6.11 -118.58	188.82 5.22 -114.89	160.57 6.42 -83.54	154.64 6.21 -77.90	142.71 6.27 -65.96	140.50 6.22 -63.62
BROOKLYN___ARMY_DRP 323595	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
BROOKVLE_69_KV_TB1 55790	123.04 6.92 -45.52	110.83 6.48 -33.97	116.42 6.04 -40.14	114.79 5.91 -38.56	119.12 5.77 -43.03	127.03 4.75 -58.10	147.84 5.10 -73.85	170.45 3.89 -116.02	153.56 4.12 -97.93	147.25 3.94 -97.98	146.24 5.14 -82.00	147.32 4.54 -90.54	144.70 4.20 -93.36	144.60 4.13 -93.53	147.26 4.26 -94.62	153.68 4.03 -103.30	199.26 5.54 -132.12	248.77 7.55 -160.06	217.58 7.32 -129.84	213.97 6.25 -139.01	192.05 7.41 -114.04	178.88 6.98 -101.37	143.58 7.12 -65.98	141.36 7.07 -63.64
BROOME_2_LFGE 323671	86.60 0.28 -15.71	82.11 0.00 -11.73	83.95 -0.14 -13.85	83.56 -0.07 -13.31	85.10 -0.07 -14.85	84.25 0.00 -20.06	94.46 0.07 -25.50	90.55 -0.05 -40.07	85.23 -0.10 -33.82	79.03 -0.14 -33.83	87.18 -0.24 -28.31	82.17 -0.21 -30.14	77.67 -0.14 -30.68	77.25 -0.09 -30.41	78.43 -0.14 -30.20	80.92 -0.14 -34.71	98.86 -0.12 -37.38	126.49 -0.08 -45.41	120.69 -0.16 -40.42	107.35 -0.21 -38.84	98.90 0.07 -28.23	97.35 -0.07 -26.89	93.25 0.00 -22.77	92.83 0.21 -21.97
BROOME___LFGE 323600	86.60 0.28 -15.71	82.11 0.00 -11.73	83.95 -0.14 -13.85	83.56 -0.07 -13.31	85.10 -0.07 -14.85	84.25 0.00 -20.06	94.46 0.07 -25.50	90.55 -0.05 -40.07	85.23 -0.10 -33.82	79.03 -0.14 -33.83	87.18 -0.24 -28.31	82.17 -0.21 -30.14	77.67 -0.14 -30.68	77.25 -0.09 -30.41	78.43 -0.14 -30.20	80.92 -0.14 -34.71	98.86 -0.12 -37.38	126.49 -0.08 -45.41	120.69 -0.16 -40.42	107.35 -0.21 -38.84	98.90 0.07 -28.23	97.35 -0.07 -26.89	93.25 0.00 -22.77	92.83 0.21 -21.97
BROWNFLS_115KV_TB_3_5 80003	69.88 -1.98 -1.25	69.35 -1.97 -0.93	69.45 -1.90 -1.10	69.48 -1.90 -1.06	69.53 -1.97 -1.18	62.36 -3.79 -1.96	67.52 -3.86 -2.49	51.82 -2.63 -3.91	51.98 -2.83 -3.30	46.05 -2.58 -3.30	58.50 -3.37 -2.76	52.35 -2.82 -2.94	47.26 -2.88 -3.00	46.95 -2.96 -2.97	48.37 -2.95 -2.95	47.00 -2.73 -3.39	61.55 -3.70 -3.65	80.41 -5.19 -4.44	79.68 -4.75 -4.00	68.67 -3.92 -3.88	72.01 -1.41 -2.82	71.68 -1.48 -2.63	70.94 -1.76 -2.22	70.35 -2.05 -1.75
BROWNSV1_27_KV_LOAD 356125	122.47 6.35 -45.51	110.19 5.84 -33.96	115.92 5.55 -40.13	114.36 5.48 -38.56	118.75 5.41 -43.02	126.76 4.49 -58.08	147.41 4.68 -73.84	170.22 3.69 -116.00	153.44 4.02 -97.90	147.14 3.85 -97.96	145.91 4.85 -81.95	143.78 4.28 -87.27	139.91 3.96 -88.81	138.92 3.94 -88.04	139.87 4.06 -87.43	150.63 3.80 -100.48	175.13 5.30 -108.23	220.01 7.22 -131.62	206.01 7.00 -118.58	189.58 5.98 -114.89	161.28 7.13 -83.55	155.14 6.70 -77.90	143.14 6.70 -65.97	141.13 6.85 -63.62
BURROWS___LYONSDAL 23803	73.27 1.06 -1.61	72.50 0.92 -1.20	72.58 0.91 -1.42	72.60 0.91 -1.37	72.83 0.98 -1.52	66.69 0.32 -2.19	72.22 0.55 -2.78	55.46 0.56 -4.37	55.72 0.52 -3.69	49.38 0.36 -3.69	62.61 0.41 -3.09	55.99 0.47 -3.29	50.81 0.33 -3.34	50.53 0.28 -3.31	52.01 0.34 -3.29	50.55 0.42 -3.78	66.23 0.55 -4.08	86.85 0.73 -4.96	85.78 0.88 -4.47	73.73 0.69 -4.33	75.37 1.62 -3.15	75.02 1.55 -2.93	74.23 1.27 -2.48	73.97 1.06 -2.26
CAITHNESS_CC_1 323624	124.45 8.33 -45.52	112.10 7.74 -33.97	117.47 7.09 -40.14	115.84 6.96 -38.56	120.10 6.75 -43.03	128.51 6.22 -58.10	149.08 6.33 -73.85	171.32 4.75 -116.03	154.55 5.10 -97.94	148.21 4.90 -97.99	147.37 6.26 -82.00	148.31 5.53 -90.55	145.65 5.14 -93.37	145.59 5.12 -93.54	148.33 5.32 -94.63	154.76 5.10 -103.31	200.63 6.90 -132.13	250.73 9.49 -160.08	219.36 9.09 -129.85	215.62 7.90 -139.02	193.68 9.04 -114.04	180.86 8.96 -101.37	145.42 8.95 -65.99	143.14 8.83 -63.65
CALPINE BETH_PAGE_GT4 24209	123.40 7.27 -45.52	111.18 6.83 -33.97	116.63 6.25 -40.14	115.00 6.12 -38.56	119.26 5.91 -43.03	127.48 5.20 -58.10	147.98 5.24 -73.85	170.51 3.94 -116.03	153.67 4.22 -97.93	147.35 4.03 -97.99	146.37 5.26 -82.00	147.42 4.65 -90.54	144.79 4.29 -93.37	144.70 4.22 -93.54	147.36 4.35 -94.63	153.78 4.12 -103.30	199.33 5.61 -132.13	248.94 7.71 -160.07	217.67 7.40 -129.84	214.04 6.32 -139.01	192.12 7.48 -114.04	179.03 7.12 -101.37	143.93 7.47 -65.99	141.65 7.35 -63.65
CALPINE_BETH_PAGE_GT_4 323586	123.40 7.27 -45.52	111.18 6.83 -33.97	116.56 6.18 -40.14	115.00 6.11 -38.56	119.26 5.91 -43.03	127.48 5.20 -58.10	147.84 5.10 -73.85	170.51 3.94 -116.03	153.62 4.17 -97.93	147.39 4.08 -97.99	146.31 5.20 -82.00	147.37 4.60 -90.54	144.79 4.29 -93.37	144.74 4.27 -93.54	147.40 4.40 -94.63	153.78 4.12 -103.30	199.33 5.60 -132.13	248.95 7.71 -160.07	217.66 7.39 -129.84	214.04 6.32 -139.01	192.11 7.48 -114.03	179.23 7.33 -101.37	143.86 7.40 -65.98	141.65 7.35 -63.65
CALPINE_BP_GT1 23823	123.40 7.27 -45.52	111.18 6.83 -33.97	116.56 6.18 -40.14	115.00 6.11 -38.56	119.26 5.91 -43.03	127.48 5.20 -58.10	147.84 5.10 -73.85	170.51 3.94 -116.03	153.62 4.17 -97.93	147.39 4.08 -97.99	146.31 5.20 -82.00	147.37 4.60 -90.54	144.79 4.29 -93.37	144.74 4.27 -93.54	147.40 4.40 -94.63	153.78 4.12 -103.30	199.33 5.60 -132.13	248.95 7.71 -160.07	217.66 7.39 -129.84	214.04 6.32 -139.01	192.11 7.48 -114.03	179.23 7.33 -101.37	143.86 7.40 -65.98	141.65 7.35 -63.65
CALSPAN___DRP 24200	73.80 -4.94 -8.14	71.18 -5.28 -6.07	71.80 -5.62 -7.18	71.58 -5.63 -6.89	72.45 -5.55 -7.69	70.35 -4.24 -10.40	76.60 -5.51 -13.22	66.70 -4.60 -20.76	63.89 -5.15 -17.53	58.29 -4.58 -17.54	67.81 -5.97 -14.67	62.42 -5.43 -15.62	58.27 -4.76 -15.90	58.10 -4.60 -15.76	59.14 -4.89 -15.65	59.70 -4.63 -17.99	74.63 -6.34 -19.37	96.10 -8.36 -23.30	90.75 -8.36 -18.69	78.01 -7.28 -16.58	74.89 -7.77 -12.06	76.79 -7.69 -13.95	75.31 -6.98 -11.81	76.52 -5.51 -11.38

CALVERTON___SOLAR 323806	124.95 8.82 -45.52	112.59 8.23 -33.97	117.90 7.52 -40.14	116.26 7.38 -38.56	120.53 7.18 -43.03	128.96 6.68 -58.10	149.50 6.76 -73.85	171.53 4.96 -116.03	154.86 5.41 -97.94	148.44 5.12 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.93 5.42 -93.37	145.87 5.40 -93.54	148.67 5.66 -94.63	155.08 5.42 -103.31	201.18 7.45 -132.13	251.38 10.14 -160.08	220.08 9.81 -129.85	216.31 8.59 -139.02	194.31 9.67 -114.04	181.49 9.59 -101.37	145.91 9.45 -65.99	143.63 9.33 -63.65
CANDIGU_WT_PWR 323617	78.68 -2.83 -10.90	75.36 -3.17 -8.14	76.41 -3.44 -9.61	76.04 -3.51 -9.24	77.11 -3.51 -10.31	75.42 -2.69 -13.93	83.36 -3.24 -17.70	75.67 -2.68 -27.81	72.00 -2.99 -23.48	66.01 -2.81 -23.49	74.97 -3.78 -19.65	69.71 -3.45 -20.92	65.37 -3.06 -21.30	65.09 -2.96 -21.11	66.30 -3.05 -20.96	67.61 -2.83 -24.09	83.73 -3.82 -25.95	107.79 -4.79 -31.42	102.65 -4.82 -27.05	89.83 -4.26 -25.38	84.73 -4.31 -18.44	84.82 -4.37 -18.66	82.19 -4.09 -15.80	82.65 -3.25 -15.24
CARR STREET_E_SYR 24060	74.52 -0.78 -4.69	72.90 -0.99 -3.50	73.25 -1.13 -4.13	73.24 -1.05 -3.97	73.70 -1.05 -4.43	69.36 -0.84 -6.01	75.77 -0.76 -7.64	61.98 -0.55 -12.00	61.02 -0.62 -10.13	54.92 -0.54 -10.13	66.88 -0.71 -8.48	60.63 -0.62 -9.03	55.81 -0.52 -9.19	55.53 -0.52 -9.11	56.89 -0.53 -9.04	56.19 -0.55 -10.39	72.06 -0.74 -11.19	93.89 -0.89 -13.61	91.74 -0.96 -12.27	79.71 -0.90 -11.90	78.44 -0.78 -8.62	77.71 -0.84 -8.03	76.36 -0.92 -6.80	76.43 -0.78 -6.56
CARTHAGE___PAPER 23857	72.51 -0.28 -2.19	71.53 -0.49 -1.64	71.69 -0.49 -1.93	71.69 -0.49 -1.86	71.97 -0.42 -2.07	65.94 -1.22 -2.98	71.71 -0.96 -3.78	56.07 -0.41 -5.94	55.96 -0.57 -5.02	49.67 -0.68 -5.02	62.36 -0.95 -4.20	56.02 -0.68 -4.47	50.89 -0.80 -4.55	50.60 -0.84 -4.51	52.03 -0.82 -4.48	50.89 -0.60 -5.15	66.34 -0.80 -5.54	86.69 -1.22 -6.74	85.62 -0.88 -6.08	73.98 -0.62 -5.89	75.34 0.71 -4.03	74.85 0.56 -3.76	73.73 0.07 -3.18	73.37 -0.35 -3.07
CASSADAGA_WT_PWR 323784	75.39 -3.74 -8.53	72.39 -4.36 -6.36	72.98 -4.78 -7.52	72.69 -4.85 -7.23	73.67 -4.71 -8.06	71.81 -3.27 -10.90	78.47 -4.27 -13.85	68.76 -3.54 -21.76	65.86 -4.02 -18.37	59.99 -3.72 -15.37	69.64 -4.85 -16.37	64.22 -4.39 -16.66	59.93 -3.86 -16.51	59.65 -3.80 -16.51	60.76 -4.01 -16.40	61.40 -3.80 -18.85	76.54 -5.36 -20.30	98.95 -6.65 -24.44	93.49 -6.76 -19.82	80.34 -6.12 -17.74	77.06 -6.42 -12.89	78.57 -6.56 -14.60	76.85 -5.99 -12.36	78.05 -4.52 -11.92
CE_DUNWOOD___DRP 24194	121.39 5.37 -45.43	109.28 5.00 -33.90	115.07 4.78 -40.05	113.51 4.71 -38.48	117.83 4.57 -42.94	125.88 3.72 -57.97	146.65 4.06 -73.69	169.44 3.13 -115.77	152.58 3.35 -97.71	146.27 3.17 -97.77	144.98 4.08 -81.80	142.93 3.60 -87.10	139.08 3.30 -88.64	138.04 3.24 -87.87	138.98 3.34 -87.26	149.79 3.15 -100.29	174.00 4.37 -108.02	218.54 6.01 -131.37	204.57 5.79 -118.35	188.33 4.95 -114.67	160.06 6.07 -83.39	154.00 5.71 -77.75	142.02 5.71 -65.84	139.88 5.72 -63.50
CE_MILLWOOD___DRP 24193	121.01 5.15 -45.26	109.01 4.86 -33.77	114.78 4.64 -39.90	113.22 4.57 -38.34	117.53 4.43 -42.78	125.53 3.59 -57.75	146.24 3.93 -73.42	168.91 3.03 -115.34	152.11 3.25 -97.35	145.81 3.08 -97.40	144.50 3.90 -81.49	142.45 3.45 -86.77	138.61 3.16 -88.31	137.62 3.14 -87.54	138.56 3.24 -86.94	149.32 3.06 -99.91	173.41 4.19 -107.62	217.88 5.84 -130.87	203.88 5.55 -117.91	187.69 4.74 -114.24	159.54 5.86 -83.07	153.50 5.50 -77.46	141.64 5.57 -65.59	139.50 5.58 -63.26
CE_NYC2_DRP 24202	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.23 5.34 -38.57	118.62 5.27 -43.03	126.65 4.36 -58.10	147.28 4.55 -73.84	169.88 3.34 -116.00	153.03 3.61 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.78 3.82 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.53 6.74 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	161.01 6.85 -83.56	154.87 6.42 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
CE_NYC_DRP 24195	121.90 5.79 -45.51	109.70 5.35 -33.96	115.42 5.06 -40.13	113.86 4.99 -38.56	118.19 4.85 -43.02	126.25 3.98 -58.08	146.93 4.20 -73.84	166.36 3.28 -112.54	149.75 3.55 -94.68	144.01 3.49 -95.19	142.70 4.37 -79.22	140.84 3.92 -84.69	139.58 3.63 -88.81	138.54 3.57 -88.04	139.49 3.68 -87.43	147.19 3.43 -97.41	169.80 4.74 -103.46	211.65 6.49 -123.99	198.75 6.27 -112.05	182.85 5.36 -108.78	156.72 6.50 -79.62	151.17 6.07 -74.57	142.57 6.13 -65.96	140.50 6.22 -63.62
CHAFFEE___LFGE 323603	74.11 -4.94 -8.45	71.34 -5.35 -6.31	72.07 -5.62 -7.45	71.85 -5.63 -7.16	72.75 -5.56 -7.99	70.74 -4.24 -10.80	77.17 -5.44 -13.72	67.55 -4.55 -21.56	64.72 -5.00 -18.20	59.00 -4.53 -18.21	68.49 -5.85 -15.23	63.18 -5.27 -16.22	58.93 -4.71 -16.51	58.70 -4.60 -16.36	59.79 -4.84 -16.25	60.44 -4.59 -18.68	75.31 -6.41 -20.12	97.26 -8.12 -24.21	91.82 -8.20 -19.60	78.94 -7.28 -17.52	75.70 -7.63 -12.72	77.38 -7.62 -14.46	75.75 -6.98 -12.25	76.96 -5.51 -11.81
CHATEAUG_35_KV_LOAD 355732	69.26 -1.34 0.00	69.05 -1.34 0.00	68.98 -1.26 0.00	69.05 -1.27 0.00	68.91 -1.41 0.00	60.24 -4.94 -1.00	64.58 -5.58 -1.27	48.63 -3.89 -1.99	49.02 -4.17 -1.68	43.20 -3.81 -1.68	55.78 -4.73 -1.40	49.65 -4.07 -1.50	44.28 -4.38 -1.52	43.94 -4.51 -1.51	45.38 -4.50 -1.50	43.76 -4.31 -1.72	57.85 -5.61 -1.86	75.14 -8.28 -2.26	74.90 -7.56 -2.03	64.70 -5.98 -1.97	70.20 -1.84 -1.43	70.10 -1.76 -1.34	69.71 -1.90 -1.13	68.82 -1.84 0.00
CHATEAUG_WT_PWR 323614	69.05 -1.55 0.00	68.84 -1.55 0.00	68.76 -1.48 0.00	68.84 -1.48 0.00	68.70 -1.61 0.00	59.05 -5.14 0.00	63.04 -5.86 0.00	46.40 -4.14 0.00	47.14 -4.38 0.00	41.34 -3.99 0.00	54.14 -4.96 0.00	47.95 -4.28 0.00	42.57 -4.57 0.00	42.29 -4.65 0.00	43.69 -4.69 0.00	41.85 -4.50 0.00	55.75 -5.85 0.00	71.18 -9.99 0.00	71.58 -8.85 0.00	62.39 -6.32 0.00	68.34 -2.26 0.00	68.27 -2.26 0.00	68.15 -2.32 0.00	68.54 -2.12 0.00
CHAT_HIGH_FALL_HYD 323578	69.26 -1.34 0.00	69.05 -1.34 0.00	68.98 -1.26 0.00	69.05 -1.27 0.00	68.91 -1.41 0.00	60.24 -4.94 -1.00	64.58 -5.58 -1.27	48.63 -3.89 -1.99	49.02 -4.17 -1.68	43.20 -3.81 -1.68	55.78 -4.73 -1.40	49.65 -4.07 -1.50	44.28 -4.38 -1.52	43.94 -4.51 -1.51	45.38 -4.50 -1.50	43.76 -4.31 -1.72	57.85 -5.61 -1.86	75.14 -8.28 -2.26	74.90 -7.56 -2.03	64.70 -5.98 -1.97	70.20 -1.84 -1.43	70.10 -1.76 -1.34	69.71 -1.90 -1.13	68.82 -1.84 0.00
CHAUTAUQUA___LFGE 323629	74.88 -4.02 -8.30	72.07 -4.51 -6.19	72.71 -4.85 -7.32	72.42 -4.92 -7.03	73.31 -4.85 -7.84	71.32 -3.47 -10.60	77.82 -4.55 -13.48	67.87 -3.84 -21.17	65.06 -4.33 -17.87	59.26 -3.94 -17.88	68.92 -5.14 -14.96	63.51 -4.65 -15.93	59.25 -4.10 -16.21	58.97 -4.04 -16.07	60.08 -4.26 -15.96	60.66 -4.03 -18.34	75.69 -5.67 -19.76	97.79 -7.14 -23.77	92.32 -7.24 -19.13	79.28 -6.46 -17.03	76.19 -6.78 -12.37	77.89 -6.84 -14.20	76.30 -6.20 -12.03	77.59 -4.67 -11.60
CHERRYST_13_KV_LD 356241	122.12 6.00 -45.51	109.91 5.56 -33.96	115.63 5.27 -40.13	114.07 5.20 -38.56	118.40 5.06 -43.02	126.44 4.17 -58.08	147.14 4.41 -73.84	166.51 3.44 -112.54	149.95 3.76 -94.68	144.19 3.67 -95.19	142.94 4.61 -79.22	140.99 4.07 -84.69	139.72 3.77 -88.81	138.73 3.75 -88.04	139.68 3.87 -87.43	147.37 3.62 -97.41	170.05 4.99 -103.46	211.97 6.82 -123.99	198.99 6.51 -112.05	183.06 5.57 -108.78	156.93 6.71 -79.62	151.38 6.28 -74.57	142.79 6.34 -65.96	140.71 6.43 -63.62

CHESTROR_138KV_BK263 355645	117.17 4.31 -42.26	105.93 4.01 -31.54	111.29 3.79 -37.26	109.91 3.80 -35.80	113.99 3.73 -39.95	121.07 2.95 -53.93	140.69 3.24 -68.56	160.72 2.48 -107.70	145.05 2.63 -90.91	138.78 2.49 -90.95	138.34 3.13 -76.10	136.03 2.77 -81.03	132.10 2.50 -82.46	131.17 2.49 -81.74	132.12 2.56 -81.18	142.10 2.46 -93.30	165.54 3.45 -100.50	208.16 4.79 -122.21	195.10 4.58 -110.09	179.29 3.92 -106.66	153.11 4.94 -77.56	147.45 4.58 -72.34	136.38 4.65 -61.25	134.32 4.59 -59.08
CH_MIDHUDSON___DRP 24192	122.25 5.44 -46.22	110.08 5.21 -34.49	115.97 4.99 -40.75	114.39 4.92 -39.15	118.79 4.78 -43.69	127.08 3.92 -58.98	148.21 4.34 -74.98	171.56 3.23 -117.79	154.33 3.40 -99.42	147.92 3.13 -99.47	146.35 4.02 -83.22	144.35 3.50 -88.61	140.48 3.16 -90.18	139.48 3.14 -89.40	140.40 3.24 -88.78	151.48 3.11 -102.03	175.81 4.31 -109.90	220.82 6.01 -133.65	206.71 5.87 -120.41	190.33 4.95 -116.67	161.58 6.14 -84.84	155.35 5.71 -79.11	143.24 5.78 -66.98	141.05 5.79 -64.61
CH_MISC_IPPS 23765	121.83 5.86 -45.38	109.88 5.63 -33.86	115.58 5.34 -40.00	114.03 5.28 -38.44	118.41 5.20 -42.89	126.46 4.37 -57.91	147.32 4.82 -73.61	169.82 3.64 -115.64	152.88 3.76 -97.61	146.43 3.44 -97.66	145.19 4.37 -81.70	143.00 3.76 -87.00	139.12 3.44 -88.54	138.09 3.38 -87.77	139.07 3.53 -87.17	149.86 3.34 -100.17	174.24 4.74 -107.90	219.04 6.66 -131.22	205.16 6.51 -118.22	188.75 5.50 -114.54	160.52 6.63 -83.29	154.47 6.28 -77.66	142.58 6.35 -65.76	140.30 6.22 -63.43
CH_RES_BVR_FALLS 23983	69.96 -0.64 0.00	69.82 -0.57 0.00	69.68 -0.56 0.00	69.68 -0.63 0.00	69.68 -0.63 0.00	61.68 -2.50 0.00	66.06 -2.83 0.00	48.57 -1.97 0.00	49.40 -2.11 0.00	43.43 -1.90 0.00	56.74 -2.37 0.00	50.14 -2.09 0.00	45.02 -2.12 0.00	44.78 -2.16 0.00	46.20 -2.18 0.00	44.26 -2.08 0.00	58.83 -2.77 0.00	76.54 -4.62 0.00	76.33 -4.10 0.00	65.76 -2.95 0.00	69.83 -0.78 0.00	69.83 -0.71 0.00	69.77 -0.70 0.00	69.88 -0.78 0.00
CH_RES_NIAGARA 23895	72.27 -5.86 -7.52	69.81 -6.19 -5.62	70.41 -6.46 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.73 -5.07 -9.61	74.36 -6.75 -12.22	64.03 -5.71 -19.20	61.44 -6.28 -16.21	55.97 -5.58 -16.21	65.40 -7.27 -13.57	60.15 -6.53 -14.45	56.09 -5.75 -14.70	55.92 -5.59 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.75 -7.76 -17.92	92.27 -10.39 -21.49	86.91 -10.29 -16.78	74.32 -8.93 -14.55	71.65 -9.53 -10.58	74.12 -9.31 -12.90	73.01 -8.39 -10.92	74.60 -6.57 -10.52
CH_RES_SYRACUSE 23985	76.13 0.14 -5.38	74.26 -0.14 -4.02	74.71 -0.28 -4.75	74.67 -0.21 -4.56	75.19 -0.21 -5.09	71.01 -0.06 -6.89	77.79 0.14 -8.76	64.40 0.10 -13.76	63.18 0.05 -11.61	56.99 0.05 -11.62	68.89 0.06 -9.72	62.63 0.05 -10.35	57.72 0.05 -10.53	57.47 0.09 -10.44	58.79 0.05 -10.37	58.31 0.05 -11.92	74.50 0.06 -12.84	96.94 0.16 -15.61	94.58 0.08 -14.07	82.35 0.00 -13.64	80.70 0.21 -9.89	79.81 0.07 -9.21	78.28 0.00 -7.80	78.32 0.14 -7.52
CLINTON_WT_PWR 323605	69.05 -1.55 0.00	68.84 -1.55 0.00	68.76 -1.48 0.00	68.84 -1.48 0.00	68.70 -1.61 0.00	59.05 -5.14 0.00	63.04 -5.86 0.00	46.40 -4.14 0.00	47.14 -4.38 0.00	41.34 -3.99 0.00	54.14 -4.96 0.00	47.95 -4.28 0.00	42.57 -4.57 0.00	42.29 -4.65 0.00	43.69 -4.69 0.00	41.85 -4.50 0.00	55.75 -5.85 0.00	71.18 -9.99 0.00	71.58 -8.85 0.00	62.39 -6.32 0.00	68.34 -2.26 0.00	68.27 -2.26 0.00	68.15 -2.32 0.00	68.54 -2.12 0.00
CLINTON___LFGE 323618	70.32 -0.28 0.00	70.11 -0.28 0.00	70.03 -0.21 0.00	70.04 -0.28 0.00	69.90 -0.42 0.00	60.27 -3.92 0.00	64.20 -4.69 0.00	47.30 -3.24 0.00	48.01 -3.50 0.00	42.06 -3.26 0.00	55.09 -4.02 0.00	48.78 -3.45 0.00	43.32 -3.82 0.00	42.99 -3.94 0.00	44.46 -3.92 0.00	42.60 -3.75 0.00	56.67 -4.93 0.00	72.32 -8.84 0.00	72.70 -7.72 0.00	63.56 -5.15 0.00	69.47 -1.13 0.00	69.40 -1.13 0.00	69.21 -1.27 0.00	69.66 -0.99 0.00
COBBLENY_34_KV_TB1 80064	74.11 -4.94 -8.45	71.34 -5.35 -6.31	72.07 -5.62 -7.45	71.78 -5.70 -7.16	72.68 -5.63 -7.99	70.75 -4.24 -10.80	77.17 -5.44 -13.72	67.55 -4.55 -21.56	64.66 -5.05 -18.20	59.00 -4.53 -18.21	68.37 -5.97 -15.23	63.13 -5.33 -16.22	58.93 -4.71 -16.51	58.75 -4.55 -16.36	59.79 -4.84 -16.25	60.44 -4.59 -18.68	75.43 -6.28 -20.12	97.18 -8.20 -24.21	91.82 -8.20 -19.60	79.08 -7.15 -17.52	75.72 -7.62 -12.74	77.32 -7.69 -14.48	75.76 -6.98 -12.26	76.96 -5.51 -11.81
COFFEEN___115KV_TB3 355620	73.95 0.85 -2.50	72.88 0.63 -1.86	73.08 0.63 -2.20	73.07 0.63 -2.12	73.45 0.77 -2.36	67.65 0.13 -3.34	73.68 0.55 -4.24	57.91 0.71 -6.66	57.76 0.62 -5.62	51.27 0.32 -5.63	64.17 0.35 -4.71	57.66 0.42 -5.01	52.47 0.24 -5.10	52.23 0.23 -5.06	53.69 0.29 -5.02	52.63 0.51 -5.77	68.43 0.62 -6.22	89.78 1.06 -7.56	88.53 1.29 -6.82	76.28 0.96 -6.61	77.45 2.05 -4.80	76.84 1.83 -4.47	75.53 1.27 -3.79	75.00 0.85 -3.49
COLDSPRG_115KV_BK1 355956	75.54 -3.95 -8.89	72.59 -4.43 -6.64	73.23 -4.85 -7.84	73.00 -4.85 -7.53	73.94 -4.78 -8.41	72.21 -3.34 -11.36	79.06 -4.27 -14.44	69.79 -3.44 -22.69	66.70 -3.97 -19.15	60.91 -3.58 -19.16	70.41 -4.73 -16.03	65.02 -4.28 -17.07	60.78 -3.72 -17.37	60.54 -3.61 -17.22	61.66 -3.82 -17.10	62.34 -3.66 -19.65	77.84 -4.93 -21.17	100.26 -6.41 -25.51	94.80 -6.51 -20.89	81.80 -5.77 -18.86	78.18 -6.14 -13.72	79.42 -6.35 -15.24	77.46 -5.92 -12.90	78.49 -4.59 -12.43
COLONIE_LFGE___ 323577	134.88 3.95 -60.33	119.41 4.01 -45.02	127.36 3.93 -53.18	125.21 3.79 -51.10	131.20 3.86 -57.02	144.06 2.89 -76.98	169.86 3.10 -97.86	269.79 2.28 -216.97	227.59 2.37 -173.70	214.45 1.95 -167.17	209.83 2.54 -148.18	209.53 2.30 -155.01	203.42 2.03 -154.26	201.05 2.02 -152.10	202.86 2.13 -152.35	230.49 2.09 -182.05	247.60 2.65 -183.35	259.65 3.49 -175.00	241.56 3.38 -157.76	224.45 2.82 -152.92	185.26 3.81 -110.85	177.65 3.88 -103.25	161.85 3.94 -87.42	158.80 3.81 -84.33
COOPERNY_115KV_TB1 80082	108.50 3.18 -34.72	99.25 2.96 -25.91	103.66 2.81 -30.61	102.54 2.81 -29.41	105.88 2.74 -32.82	110.68 2.18 -44.31	127.56 2.34 -56.32	140.84 1.82 -88.48	128.10 1.91 -74.68	121.86 1.81 -74.72	123.93 2.31 -62.52	120.84 2.04 -66.57	116.72 1.84 -67.75	115.92 1.83 -67.16	116.96 1.89 -66.70	124.80 1.81 -76.65	146.68 2.53 -82.56	184.97 3.41 -100.40	174.22 3.38 -90.42	159.18 2.89 -87.59	137.96 3.67 -63.69	133.34 3.39 -59.43	124.18 3.38 -50.32	122.58 3.39 -48.53
COPENHAGEN_WT_PWR 323753	73.46 0.28 -2.58	72.31 0.00 -1.93	72.51 0.00 -2.27	72.50 0.00 -2.19	72.83 0.07 -2.44	67.10 -0.52 -3.43	73.12 -0.14 -4.36	57.54 0.15 -6.85	57.35 0.05 -5.78	51.03 -0.09 -5.79	63.77 -0.18 -4.84	57.34 -0.05 -5.16	52.24 -0.14 -5.25	51.95 -0.19 -5.20	53.40 -0.14 -5.17	52.29 0.00 -5.94	67.99 0.00 -6.40	88.94 0.00 -7.78	87.68 0.24 -7.01	75.71 0.21 -6.80	76.61 1.27 -4.74	76.07 1.13 -4.42	74.85 0.63 -3.74	74.55 0.28 -3.61
CORNELL_____ 23752	83.33 1.77 -10.96	80.04 1.48 -8.18	81.24 1.33 -9.66	80.94 1.34 -9.29	82.09 1.41 -10.36	79.67 1.48 -14.00	88.55 1.86 -17.80	79.87 1.36 -27.97	76.41 1.29 -23.61	70.03 1.09 -23.62	80.17 1.30 -19.76	74.42 1.15 -21.04	69.64 1.08 -21.41	69.24 1.08 -21.23	70.57 1.11 -21.08	71.69 1.11 -24.23	89.30 1.60 -26.10	115.15 2.27 -31.72	111.08 2.25 -28.40	97.97 1.86 -27.41	92.58 2.05 -19.93	91.08 1.76 -18.78	88.07 1.69 -15.91	87.75 1.77 -15.32

CORONA__69_KV_TB1 355595	123.12 6.99 -45.52	110.97 6.62 -33.97	116.49 6.11 -40.14	114.86 5.98 -38.56	119.05 5.70 -43.03	127.29 5.01 -58.10	148.05 5.30 -73.85	170.55 3.99 -116.02	153.72 4.28 -97.93	147.39 4.08 -97.98	146.42 5.32 -81.99	147.47 4.70 -90.54	144.74 4.24 -93.36	144.69 4.22 -93.53	147.40 4.40 -94.62	153.82 4.17 -103.30	199.45 5.73 -132.12	248.85 7.63 -160.06	217.74 7.48 -129.84	214.10 6.39 -139.00	192.26 7.62 -114.03	179.16 7.26 -101.37	144.00 7.54 -65.98	141.64 7.35 -63.64
CORTLAND__115KV_TB3 80093	80.67 1.06 -9.01	77.96 0.84 -6.73	78.89 0.70 -7.95	78.73 0.77 -7.64	79.61 0.77 -8.52	76.48 0.77 -11.52	84.58 1.03 -14.65	74.31 0.76 -23.02	71.61 0.67 -19.43	65.35 0.59 -19.44	76.08 0.71 -16.26	70.17 0.63 -17.32	65.33 0.57 -17.62	65.01 0.61 -17.47	66.35 0.63 -17.35	66.89 0.60 -19.94	83.94 0.86 -21.48	108.48 1.22 -26.10	105.02 1.21 -23.39	92.25 0.96 -22.58	88.22 1.20 -16.42	86.98 0.99 -15.46	84.55 0.99 -13.09	84.32 1.06 -12.60
COXSACKIE__GT 23611	131.71 5.30 -55.82	117.32 5.28 -41.65	124.44 4.99 -49.21	122.73 5.13 -47.28	128.21 5.13 -52.76	139.40 3.98 -71.23	164.13 4.69 -90.55	180.48 3.19 -126.76	163.90 3.09 -109.30	158.57 2.27 -110.98	152.64 2.72 -90.81	151.70 2.09 -97.38	148.84 1.75 -99.96	147.91 1.69 -99.28	148.60 1.94 -98.29	159.74 2.09 -111.30	188.12 3.51 -123.01	247.63 5.12 -161.35	231.21 5.39 -145.40	213.94 4.33 -140.90	178.25 5.15 -102.49	170.64 4.58 -95.53	156.09 4.72 -80.89	153.83 5.16 -78.03
CPV_VALLEY__CC1 323721	113.71 3.60 -39.52	103.25 3.38 -29.49	108.24 3.16 -34.84	106.96 3.17 -33.47	110.76 3.09 -37.35	116.99 2.38 -50.43	135.61 2.62 -64.11	153.27 2.02 -100.71	138.63 2.11 -85.00	132.42 2.04 -85.05	132.86 2.60 -71.15	130.24 2.24 -75.77	126.37 2.12 -77.11	125.49 2.11 -76.43	126.47 2.18 -75.91	135.62 2.04 -87.24	158.40 2.84 -93.97	199.41 3.98 -114.27	187.14 3.78 -102.93	171.66 3.23 -99.72	147.35 4.24 -72.51	142.18 4.02 -67.63	131.76 4.02 -57.27	129.78 3.88 -55.24
CPV_VALLEY__CC2 323722	113.71 3.60 -39.52	103.25 3.38 -29.49	108.24 3.16 -34.84	106.96 3.17 -33.47	110.76 3.09 -37.35	116.99 2.38 -50.43	135.61 2.62 -64.11	153.27 2.02 -100.71	138.63 2.11 -85.00	132.42 2.04 -85.05	132.86 2.60 -71.15	130.24 2.24 -75.77	126.37 2.12 -77.11	125.49 2.11 -76.43	126.47 2.18 -75.91	135.62 2.04 -87.24	158.40 2.84 -93.97	199.41 3.98 -114.27	187.14 3.78 -102.93	171.66 3.23 -99.72	147.35 4.24 -72.51	142.18 4.02 -67.63	131.76 4.02 -57.27	129.78 3.88 -55.24
CRESCENT__HYD 24018	134.88 3.95 -60.33	119.41 4.01 -45.02	127.36 3.93 -53.18	125.21 3.79 -51.10	131.20 3.86 -57.02	144.06 2.89 -76.98	169.86 3.10 -97.86	269.79 2.28 -216.97	227.59 2.37 -173.70	214.45 1.95 -167.17	209.83 2.54 -148.18	209.53 2.30 -155.01	203.42 2.03 -154.26	201.05 2.02 -152.10	202.86 2.13 -152.35	230.49 2.09 -182.05	247.60 2.65 -183.35	259.65 3.49 -175.00	241.56 3.38 -157.76	224.45 2.82 -152.92	185.26 3.81 -110.85	177.65 3.88 -103.25	161.85 3.94 -87.42	158.80 3.81 -84.33
CRICKET__VALLEY_CC1 323756	123.46 4.59 -48.28	110.98 4.57 -36.03	117.09 4.29 -42.56	115.36 4.15 -40.90	120.03 4.08 -45.64	129.00 3.21 -61.61	150.59 3.37 -78.32	178.96 2.48 -125.95	160.01 2.63 -105.87	153.40 2.45 -105.62	150.99 3.13 -88.75	149.43 2.82 -94.38	145.62 2.59 -95.89	144.53 2.58 -95.01	145.50 2.71 -94.42	157.66 2.50 -108.82	181.54 3.32 -116.62	225.48 4.71 -139.61	210.64 4.42 -125.79	194.37 3.78 -121.88	164.31 5.09 -88.63	158.24 5.08 -82.63	145.58 5.14 -69.96	143.09 4.94 -67.49
CRICKET__VALLEY_CC2 323757	123.46 4.59 -48.28	110.98 4.57 -36.03	117.09 4.29 -42.56	115.36 4.15 -40.90	120.03 4.08 -45.64	129.00 3.21 -61.61	150.59 3.37 -78.32	178.96 2.48 -125.95	160.01 2.63 -105.87	153.40 2.45 -105.62	150.99 3.13 -88.75	149.43 2.82 -94.38	145.62 2.59 -95.89	144.53 2.58 -95.01	145.50 2.71 -94.42	157.66 2.50 -108.82	181.54 3.32 -116.62	225.48 4.71 -139.61	210.64 4.42 -125.79	194.37 3.78 -121.88	164.31 5.09 -88.63	158.24 5.08 -82.63	145.58 5.14 -69.96	143.09 4.94 -67.49
CRICKET__VALLEY_CC3 323758	123.46 4.59 -48.28	110.98 4.57 -36.03	117.09 4.29 -42.56	115.36 4.15 -40.90	120.03 4.08 -45.64	129.00 3.21 -61.61	150.59 3.37 -78.32	178.96 2.48 -125.95	160.01 2.63 -105.87	153.40 2.45 -105.62	150.99 3.13 -88.75	149.43 2.82 -94.38	145.62 2.59 -95.89	144.53 2.58 -95.01	145.50 2.71 -94.42	157.66 2.50 -108.82	181.54 3.32 -116.62	225.48 4.71 -139.61	210.64 4.42 -125.79	194.37 3.78 -121.88	164.31 5.09 -88.63	158.24 5.08 -82.63	145.58 5.14 -69.96	143.09 4.94 -67.49
CRUCIBLE_METL_DRP 24180	76.05 0.07 -5.38	74.26 -0.14 -4.02	74.70 -0.28 -4.75	74.67 -0.21 -4.56	75.26 -0.14 -5.09	71.01 -0.06 -6.89	77.79 0.14 -8.76	64.40 0.10 -13.76	63.18 0.05 -11.61	56.99 0.05 -11.62	68.89 0.06 -9.72	62.63 0.05 -10.35	57.72 0.05 -10.53	57.47 0.09 -10.44	58.79 0.05 -10.37	58.31 0.05 -11.92	74.50 0.06 -12.84	96.86 0.08 -15.61	94.58 0.08 -14.07	82.35 0.00 -13.64	80.66 0.14 -9.92	79.70 -0.07 -9.24	78.30 0.00 -7.82	78.25 0.07 -7.52
DAHOWA__HYDRO 323763	137.33 5.51 -61.21	121.41 5.35 -45.68	129.48 5.27 -53.97	127.37 5.20 -51.86	133.46 5.28 -57.86	146.79 4.49 -78.12	173.16 4.96 -99.31	240.95 3.19 -187.23	208.23 3.35 -153.37	198.14 2.63 -150.18	192.23 3.37 -129.76	192.00 2.98 -136.80	187.22 2.59 -137.49	185.45 2.63 -135.89	186.73 2.76 -135.60	208.38 2.73 -159.30	230.59 3.70 -165.29	263.44 4.95 -177.33	245.19 4.91 -159.86	227.58 3.91 -154.95	187.89 4.80 -112.48	180.03 4.73 -104.77	164.54 5.35 -88.71	161.38 5.16 -85.57
DANC__LFGE 323619	73.28 -0.35 -3.03	72.08 -0.57 -2.26	72.27 -0.63 -2.67	72.32 -0.56 -2.56	72.69 -0.49 -2.86	67.31 -0.84 -3.96	73.24 -0.69 -5.03	58.09 -0.35 -7.91	57.77 -0.41 -6.67	51.60 -0.41 -6.68	64.16 -0.53 -5.59	57.76 -0.42 -5.95	52.77 -0.43 -6.05	52.47 -0.47 -6.00	53.90 -0.44 -5.96	52.83 -0.37 -6.85	68.42 -0.56 -7.38	89.48 -0.65 -8.97	88.04 -0.48 -8.09	76.14 -0.41 -7.84	76.45 0.28 -5.56	75.92 0.21 -5.18	74.72 -0.14 -4.39	74.53 -0.35 -4.23
DANSKAMMER__1 23586	121.83 5.86 -45.38	109.88 5.63 -33.86	115.58 5.34 -40.00	114.03 5.28 -38.44	118.41 5.20 -42.89	126.46 4.37 -57.91	147.32 4.82 -73.61	169.82 3.64 -115.64	152.88 3.76 -97.61	146.43 3.44 -97.66	145.19 4.37 -81.70	143.00 3.76 -87.00	139.12 3.44 -88.54	138.09 3.38 -87.77	139.07 3.53 -87.17	149.86 3.34 -100.17	174.24 4.74 -107.90	219.04 6.66 -131.22	205.16 6.51 -118.22	188.75 5.50 -114.54	160.52 6.63 -83.29	154.47 6.28 -77.66	142.58 6.35 -65.76	140.30 6.22 -63.43
DANSKAMMER__2 23589	121.83 5.86 -45.38	109.88 5.63 -33.86	115.58 5.34 -40.00	114.03 5.28 -38.44	118.41 5.20 -42.89	126.46 4.37 -57.91	147.32 4.82 -73.61	169.82 3.64 -115.64	152.88 3.76 -97.61	146.43 3.44 -97.66	145.19 4.37 -81.70	143.00 3.76 -87.00	139.12 3.44 -88.54	138.09 3.38 -87.77	139.07 3.53 -87.17	149.86 3.34 -100.17	174.24 4.74 -107.90	219.04 6.66 -131.22	205.16 6.51 -118.22	188.75 5.50 -114.54	160.52 6.63 -83.29	154.47 6.28 -77.66	142.58 6.35 -65.76	140.30 6.22 -63.43
DANSKAMMER__3 23590	121.83 5.86 -45.38	109.88 5.63 -33.86	115.58 5.34 -40.00	114.03 5.28 -38.44	118.41 5.20 -42.89	126.46 4.37 -57.91	147.32 4.82 -73.61	169.82 3.64 -115.64	152.88 3.76 -97.61	146.43 3.44 -97.66	145.19 4.37 -81.70	143.00 3.76 -87.00	139.12 3.44 -88.54	138.09 3.38 -87.77	139.07 3.53 -87.17	149.86 3.34 -100.17	174.24 4.74 -107.90	219.04 6.66 -131.22	205.16 6.51 -118.22	188.75 5.50 -114.54	160.52 6.63 -83.29	154.47 6.28 -77.66	142.58 6.35 -65.76	140.30 6.22 -63.43

DANSKAMMER___4 23591	121.83 5.86 -45.38	109.88 5.63 -33.86	115.58 5.34 -40.00	114.03 5.28 -38.44	118.41 5.20 -42.89	126.46 4.37 -57.91	147.32 4.82 -73.61	169.82 3.64 -115.64	152.88 3.76 -97.61	146.43 3.44 -97.66	145.19 4.37 -81.70	143.00 3.76 -87.00	139.12 3.44 -88.54	138.09 3.38 -87.77	139.07 3.53 -87.17	149.86 3.34 -100.17	174.24 4.74 -107.90	219.04 6.66 -131.22	205.16 6.51 -118.22	188.75 5.50 -114.54	160.52 6.63 -83.29	154.47 6.28 -77.66	142.58 6.35 -65.76	140.30 6.22 -63.43
DANSKAMMER___DIESEL 23592	121.84 5.86 -45.38	109.88 5.63 -33.86	115.58 5.34 -40.00	114.03 5.27 -38.44	118.41 5.20 -42.89	126.46 4.36 -57.91	147.33 4.82 -73.61	169.82 3.64 -115.64	152.93 3.81 -97.61	146.43 3.44 -97.66	145.19 4.37 -81.70	143.05 3.81 -87.00	139.12 3.44 -88.54	138.08 3.38 -87.77	139.03 3.48 -87.17	149.86 3.34 -100.17	174.24 4.74 -107.90	219.04 6.66 -131.22	205.16 6.51 -118.22	188.75 5.50 -114.54	160.53 6.64 -83.29	154.33 6.14 -77.67	142.44 6.20 -65.76	140.30 6.22 -63.43
DARBY___SOLAR 323810	136.84 5.15 -61.08	120.97 5.00 -45.58	129.01 4.92 -53.85	126.91 4.85 -51.75	133.05 4.99 -57.74	146.25 4.11 -77.95	172.53 4.55 -99.09	244.58 2.93 -191.11	210.68 3.14 -156.02	200.16 2.45 -152.39	194.39 3.13 -132.16	194.16 2.77 -139.16	189.26 2.45 -139.67	187.37 2.44 -138.00	188.72 2.56 -137.78	211.20 2.59 -162.26	232.74 3.51 -167.64	262.77 4.62 -176.98	244.56 4.58 -159.55	227.00 3.64 -154.65	187.37 4.52 -112.25	179.60 4.52 -104.55	164.01 5.00 -88.52	160.92 4.87 -85.39
DASHVILLE___HYD 23610	123.76 6.28 -46.88	111.35 5.98 -34.98	117.19 5.62 -41.33	115.65 5.63 -39.71	120.11 5.48 -44.31	128.76 4.75 -59.82	150.38 5.44 -76.05	170.96 4.09 -116.32	154.39 4.22 -98.65	148.17 3.81 -99.03	146.34 4.79 -82.44	144.23 4.07 -87.92	140.42 3.63 -89.65	139.41 3.57 -88.91	140.34 3.73 -88.24	150.98 3.57 -101.07	176.39 5.30 -109.50	224.17 7.47 -135.54	209.94 7.40 -122.12	193.29 6.25 -118.32	164.07 7.41 -86.05	157.40 6.63 -80.23	145.18 6.77 -67.94	142.82 6.64 -65.53
DEERFIELD_69_KV_DEERFIELD LD 355887	125.37 9.25 -45.52	113.01 8.66 -33.97	118.31 7.94 -40.14	116.69 7.81 -38.56	120.94 7.59 -43.03	129.41 7.12 -58.10	150.12 7.37 -73.85	171.68 5.10 -116.03	155.02 5.56 -97.94	148.44 5.12 -97.99	148.26 7.15 -82.00	149.05 6.27 -90.55	146.26 5.75 -93.37	146.11 5.63 -93.54	148.96 5.95 -94.63	155.45 5.79 -103.31	201.80 8.07 -132.13	251.71 10.47 -160.08	220.25 9.97 -129.85	216.93 9.21 -139.02	194.88 10.24 -114.04	181.78 9.87 -101.38	146.48 10.01 -65.99	144.13 9.82 -63.65
DELAWARE___LFGE 323621	94.27 2.89 -20.78	88.57 2.67 -15.51	91.23 2.67 -18.32	90.66 2.74 -17.60	92.77 2.81 -19.64	92.83 2.12 -26.52	105.02 2.41 -33.72	105.33 1.82 -52.97	98.08 1.85 -44.71	91.69 1.63 -44.73	98.60 2.07 -37.42	93.91 1.83 -39.85	89.34 1.65 -40.56	88.73 1.60 -40.20	89.95 1.64 -39.93	93.86 1.62 -45.89	113.30 2.28 -49.43	144.25 3.00 -60.08	137.42 3.06 -53.93	123.38 2.54 -52.12	111.68 3.18 -37.90	109.07 2.96 -35.57	103.56 2.96 -30.12	102.67 2.97 -29.05
DERFIELD_115KV_TB7 355931	71.24 0.64 0.00	70.95 0.56 0.00	70.80 0.56 0.00	70.88 0.56 0.00	70.88 0.56 0.00	64.32 0.13 0.00	69.03 0.14 0.00	50.64 0.10 0.00	51.62 0.10 0.00	45.37 0.05 0.00	59.23 0.12 0.00	52.34 0.10 0.00	47.23 0.09 0.00	47.03 0.09 0.00	48.47 0.10 0.00	46.39 0.05 0.00	61.66 0.06 0.00	81.24 0.08 0.00	80.59 0.16 0.00	68.85 0.14 0.00	71.17 0.56 0.00	71.10 0.56 0.00	71.11 0.63 0.00	71.29 0.64 0.00
DOGLEVILLE___HYD 23807	73.07 2.47 0.00	72.78 2.39 0.00	72.55 2.31 0.00	72.57 2.25 0.00	72.57 2.25 0.00	65.85 1.67 0.00	70.68 1.79 0.00	51.75 1.21 0.00	52.75 1.23 0.00	46.32 1.00 0.00	60.47 1.36 0.00	53.38 1.15 0.00	48.22 1.09 0.00	47.97 1.03 0.00	49.44 1.06 0.00	47.41 1.07 0.00	63.07 1.48 0.00	83.03 1.87 0.00	82.35 1.93 0.00	70.36 1.65 0.00	72.79 2.19 0.00	72.86 2.32 0.00	72.88 2.40 0.00	73.06 2.40 0.00
DUNKIRK___115KV_TB_200 55889	74.71 -4.17 -8.28	71.99 -4.58 -6.18	72.62 -4.92 -7.30	72.33 -4.99 -7.01	73.22 -4.92 -7.82	71.23 -3.53 -10.57	77.65 -4.68 -13.44	67.71 -3.94 -21.12	64.91 -4.43 -17.82	59.13 -4.03 -17.83	68.77 -5.26 -14.92	63.31 -4.81 -15.89	59.11 -4.20 -16.17	58.93 -4.04 -16.03	59.94 -4.35 -15.92	60.52 -4.12 -18.29	75.70 -5.61 -19.70	97.56 -7.30 -23.70	92.18 -7.32 -19.07	79.22 -6.46 -16.96	76.02 -6.92 -12.34	77.80 -6.91 -14.18	76.21 -6.27 -12.01	77.42 -4.80 -11.57
DUNKIRK___1 23563	74.71 -4.17 -8.28	71.99 -4.58 -6.18	72.62 -4.92 -7.30	72.33 -4.99 -7.01	73.22 -4.92 -7.82	71.23 -3.53 -10.57	77.65 -4.68 -13.44	67.71 -3.94 -21.12	64.91 -4.43 -17.82	59.13 -4.03 -17.83	68.77 -5.26 -14.92	63.31 -4.81 -15.89	59.11 -4.20 -16.17	58.93 -4.04 -16.03	59.94 -4.35 -15.92	60.52 -4.12 -18.29	75.70 -5.61 -19.70	97.56 -7.30 -23.70	92.18 -7.32 -19.07	79.22 -6.46 -16.96	76.02 -6.92 -12.34	77.80 -6.91 -14.18	76.21 -6.27 -12.01	77.42 -4.80 -11.57
DUNKIRK___2 23564	74.71 -4.17 -8.28	71.99 -4.58 -6.18	72.62 -4.92 -7.30	72.33 -4.99 -7.01	73.22 -4.92 -7.82	71.23 -3.53 -10.57	77.65 -4.68 -13.44	67.71 -3.94 -21.12	64.91 -4.43 -17.82	59.13 -4.03 -17.83	68.77 -5.26 -14.92	63.31 -4.81 -15.89	59.11 -4.20 -16.17	58.93 -4.04 -16.03	59.94 -4.35 -15.92	60.52 -4.12 -18.29	75.70 -5.61 -19.70	97.56 -7.30 -23.70	92.18 -7.32 -19.07	79.22 -6.46 -16.96	76.02 -6.92 -12.34	77.80 -6.91 -14.18	76.21 -6.27 -12.01	77.42 -4.80 -11.57
DUNKIRK___3 23565	74.26 -4.52 -8.18	71.56 -4.93 -6.10	72.18 -5.27 -7.21	71.97 -5.27 -6.93	72.84 -5.20 -7.73	70.78 -3.85 -10.45	77.14 -5.03 -13.28	67.16 -4.25 -20.86	64.39 -4.74 -17.61	58.69 -4.26 -17.62	68.29 -5.56 -14.74	62.86 -5.07 -15.70	58.68 -4.43 -15.97	58.50 -4.27 -15.83	59.51 -4.60 -15.73	60.06 -4.36 -18.07	75.15 -5.91 -19.47	96.78 -7.79 -23.41	91.39 -7.80 -18.77	78.56 -6.80 -16.65	75.44 -7.27 -12.11	77.28 -7.26 -14.01	75.72 -6.62 -11.87	77.00 -5.09 -11.43
DUNKIRK___4 23566	74.26 -4.52 -8.18	71.56 -4.93 -6.10	72.18 -5.27 -7.21	71.97 -5.27 -6.93	72.84 -5.20 -7.73	70.78 -3.85 -10.45	77.14 -5.03 -13.28	67.16 -4.25 -20.86	64.39 -4.74 -17.61	58.69 -4.26 -17.62	68.29 -5.56 -14.74	62.86 -5.07 -15.70	58.68 -4.43 -15.97	58.50 -4.27 -15.83	59.51 -4.60 -15.73	60.06 -4.36 -18.07	75.15 -5.91 -19.47	96.78 -7.79 -23.41	91.39 -7.80 -18.77	78.56 -6.80 -16.65	75.44 -7.27 -12.11	77.28 -7.26 -14.01	75.72 -6.62 -11.87	77.00 -5.09 -11.43
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	121.62 5.51 -45.52	109.49 5.14 -33.96	115.28 4.92 -40.13	113.72 4.85 -38.56	118.05 4.71 -43.02	126.19 3.92 -58.08	146.93 4.20 -73.84	169.77 3.23 -116.00	152.92 3.50 -97.91	146.60 3.31 -97.96	145.26 4.20 -81.96	143.26 3.76 -87.27	139.39 3.44 -88.81	138.35 3.38 -88.04	139.34 3.53 -87.43	150.12 3.29 -100.48	174.39 4.56 -108.23	219.04 6.25 -131.62	205.04 6.03 -118.59	188.76 5.15 -114.90	160.43 6.28 -83.55	154.36 5.92 -77.91	142.36 5.92 -65.97	140.22 5.93 -63.63
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	119.71 5.15 -43.95	108.11 4.93 -32.80	113.63 4.64 -38.75	112.12 4.57 -37.23	116.36 4.50 -41.55	124.00 3.72 -56.09	144.33 4.13 -71.30	165.69 3.13 -112.02	149.36 3.30 -94.55	142.96 3.04 -94.60	142.09 3.84 -79.14	139.85 3.34 -84.27	135.92 3.02 -85.77	134.91 2.96 -85.02	135.91 3.10 -84.43	146.30 2.92 -97.03	170.31 4.19 -104.52	214.11 5.84 -127.10	200.64 5.71 -114.51	184.53 4.88 -110.94	157.21 5.93 -80.68	151.19 5.43 -75.23	139.68 5.50 -63.70	137.61 5.51 -61.44

E179THST_138_KV_TB4_REV_LBMP_J 345001	122.55 6.42 -45.53	110.34 5.98 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.91 5.55 -43.03	126.84 4.56 -58.10	147.49 4.75 -73.84	169.78 3.23 -116.00	152.77 3.35 -97.91	146.74 3.44 -97.96	145.43 4.37 -81.95	143.43 3.92 -87.28	139.64 3.68 -88.83	138.60 3.61 -88.05	139.55 3.73 -87.45	150.28 3.43 -100.50	174.59 4.74 -108.25	219.45 6.66 -131.63	205.45 6.43 -118.59	189.12 5.50 -114.91	160.73 6.57 -83.56	154.66 6.21 -77.92	142.80 6.34 -65.98	140.58 6.29 -63.64
E179THST_13_KV_LOAD 356214	122.90 6.78 -45.53	110.62 6.26 -33.97	116.35 5.97 -40.14	114.79 5.91 -38.57	119.19 5.84 -43.03	127.16 4.88 -58.10	147.83 5.10 -73.84	170.03 3.49 -116.00	153.03 3.61 -97.91	146.96 3.67 -97.96	145.73 4.67 -81.95	143.69 4.18 -87.28	139.88 3.91 -88.83	138.84 3.85 -88.05	139.79 3.97 -87.45	150.55 3.71 -100.50	174.96 5.11 -108.25	219.85 7.06 -131.63	205.93 6.92 -118.59	189.53 5.91 -114.91	161.15 6.99 -83.56	155.08 6.63 -77.92	143.15 6.70 -65.98	141.00 6.71 -63.64
EAST HAMPTON___GT 23717	124.95 8.82 -45.52	112.52 8.16 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.96 6.68 -58.10	149.63 6.89 -73.85	170.97 4.39 -116.03	154.19 4.74 -97.94	147.85 4.53 -97.99	147.85 6.74 -82.00	148.73 5.95 -90.55	145.93 5.42 -93.37	145.87 5.40 -93.54	148.67 5.66 -94.63	155.22 5.56 -103.31	201.49 7.76 -132.13	250.65 9.41 -160.08	219.04 8.77 -129.85	216.59 8.87 -139.02	194.52 9.88 -114.04	181.56 9.66 -101.37	145.91 9.45 -65.99	143.70 9.40 -63.65
EAST RIVER___6 23660	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	166.21 3.13 -112.54	149.54 3.35 -94.68	143.92 3.40 -95.19	142.59 4.26 -79.22	140.73 3.81 -84.69	139.53 3.58 -88.81	138.59 3.61 -88.04	139.48 3.67 -87.43	147.14 3.38 -97.41	169.68 4.62 -103.46	211.56 6.41 -123.99	198.59 6.11 -112.05	182.65 5.16 -108.78	156.57 6.36 -79.61	151.31 6.21 -74.57	142.50 6.06 -65.96	140.28 6.00 -63.62
EAST RIVER___7 23524	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	166.21 3.13 -112.54	149.54 3.35 -94.68	143.92 3.40 -95.19	142.59 4.26 -79.22	140.73 3.81 -84.69	139.53 3.58 -88.81	138.59 3.61 -88.04	139.48 3.67 -87.43	147.14 3.38 -97.41	169.68 4.62 -103.46	211.56 6.41 -123.99	198.59 6.11 -112.05	182.65 5.16 -108.78	156.57 6.36 -79.61	151.31 6.21 -74.57	142.50 6.06 -65.96	140.28 6.00 -63.62
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	121.39 5.37 -45.43	109.28 5.00 -33.90	115.07 4.78 -40.05	113.51 4.71 -38.48	117.83 4.57 -42.94	125.88 3.72 -57.97	146.65 4.06 -73.69	169.44 3.13 -115.77	152.58 3.35 -97.71	146.27 3.17 -97.77	144.98 4.08 -81.80	142.93 3.60 -87.10	139.08 3.30 -88.64	138.04 3.24 -87.87	138.98 3.34 -87.26	149.79 3.15 -100.29	174.00 4.37 -108.02	218.54 6.01 -131.37	204.57 5.79 -118.35	188.33 4.95 -114.67	160.06 5.07 -83.39	154.00 5.71 -77.75	142.02 5.71 -65.84	139.88 5.72 -63.50
EAST_HAMPTON___DIESEL 23722	124.81 8.68 -45.52	112.38 8.02 -33.97	117.68 7.30 -40.14	116.06 7.18 -38.56	120.31 6.96 -43.03	128.83 6.55 -58.10	149.50 6.76 -73.85	170.92 4.35 -116.03	154.09 4.64 -97.94	147.76 4.44 -97.99	147.73 6.62 -82.00	148.63 5.85 -90.55	145.83 5.32 -93.37	145.73 5.26 -93.54	148.57 5.56 -94.63	155.12 5.47 -103.31	201.37 7.64 -132.13	250.49 9.25 -160.08	218.88 8.61 -129.85	216.45 8.73 -139.02	194.38 9.75 -114.04	181.42 9.52 -101.37	145.69 9.23 -65.99	143.49 9.18 -63.65
EAST_POINT___SOLAR 323840	143.78 6.28 -66.90	126.15 5.84 -49.92	135.05 5.83 -58.98	132.90 5.91 -56.67	139.67 6.11 -63.24	155.21 5.65 -85.37	184.10 6.68 -108.53	226.09 5.05 -170.50	200.21 4.79 -143.90	192.48 3.17 -143.98	183.23 3.67 -120.46	182.96 2.46 -128.27	179.57 1.89 -130.54	178.35 2.02 -129.40	179.12 2.23 -128.51	197.28 3.20 -147.74	226.09 5.36 -159.13	282.15 7.46 -193.52	262.61 7.80 -174.39	243.88 6.19 -168.99	200.29 6.85 -122.84	191.80 6.77 -114.50	173.63 6.20 -96.95	170.11 5.94 -93.52
EAST_PULASKI___ESR 323781	73.08 -0.92 -3.40	71.80 -1.13 -2.54	72.04 -1.19 -3.00	72.00 -1.20 -2.88	72.40 -1.13 -3.22	67.43 -1.15 -4.40	73.37 -1.10 -5.59	58.56 -0.76 -8.78	58.10 -0.83 -7.41	52.01 -0.73 -7.41	64.42 -0.88 -6.20	58.05 -0.78 -6.60	53.15 -0.71 -6.72	52.90 -0.70 -6.66	54.27 -0.72 -6.62	53.26 -0.69 -7.61	68.80 -0.99 -8.19	89.99 -1.14 -9.96	88.28 -1.13 -8.98	76.39 -1.03 -8.71	76.22 -0.64 -6.25	75.65 -0.71 -5.82	74.57 -0.84 -4.93	74.49 -0.92 -4.76
EAST_RIVER___1 323558	121.91 5.79 -45.51	109.70 5.35 -33.96	115.43 5.06 -40.13	113.86 4.99 -38.56	118.19 4.85 -43.02	126.25 3.98 -58.08	146.93 4.20 -73.84	166.31 3.24 -112.54	149.64 3.45 -94.68	143.96 3.44 -95.19	142.59 4.26 -79.22	140.73 3.81 -84.69	139.58 3.63 -88.81	138.59 3.61 -88.04	139.53 3.73 -87.43	147.19 3.43 -97.41	169.80 4.74 -103.46	211.73 6.57 -123.99	198.67 6.19 -112.05	182.78 5.29 -108.78	156.70 6.49 -79.61	151.37 6.28 -74.57	142.64 6.20 -65.96	140.50 6.22 -63.62
EAST_RIVER___2 323559	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.12 3.85 -58.08	146.72 3.99 -73.84	166.21 3.13 -112.54	149.54 3.35 -94.68	143.92 3.40 -95.19	142.59 4.26 -79.22	140.73 3.81 -84.69	139.53 3.58 -88.81	138.59 3.61 -88.04	139.48 3.67 -87.43	147.14 3.38 -97.41	169.68 4.62 -103.46	211.56 6.41 -123.99	198.59 6.11 -112.05	182.65 5.16 -108.78	156.57 6.36 -79.61	151.31 6.21 -74.57	142.50 6.06 -65.96	140.28 6.00 -63.62
EAST___DELAWARE_HYD 23607	117.95 5.79 -41.56	106.89 5.49 -31.01	112.08 5.20 -36.64	110.73 5.20 -35.21	114.73 5.13 -39.29	121.65 4.43 -53.04	141.34 5.03 -67.42	160.20 3.74 -105.92	144.73 3.81 -89.40	138.22 3.44 -89.45	138.20 4.26 -74.84	135.52 3.60 -79.69	131.44 3.21 -81.10	130.52 3.19 -80.39	131.51 3.29 -79.84	141.29 3.20 -91.75	165.17 4.74 -98.83	208.08 6.73 -120.18	195.36 6.67 -108.27	179.23 5.64 -104.89	153.58 6.71 -76.27	147.87 6.21 -71.13	136.98 6.27 -60.23	134.75 6.00 -58.10
EIGHT_POINT___WT_PWR 323820	77.21 -3.60 -10.20	74.06 -3.94 -7.62	74.81 -4.42 -9.00	74.46 -4.50 -8.64	75.39 -4.57 -9.65	73.75 -3.47 -13.03	81.46 -4.00 -16.57	73.44 -3.13 -26.03	69.98 -3.50 -21.97	64.00 -3.31 -21.98	73.00 -4.49 -18.39	67.69 -4.13 -19.58	63.39 -3.68 -19.93	63.08 -3.61 -19.76	64.32 -3.68 -19.62	65.47 -3.43 -22.55	81.33 -4.56 -24.29	104.88 -5.68 -29.40	100.01 -5.71 -25.29	87.47 -4.95 -23.71	82.74 -5.08 -17.23	82.78 -5.22 -17.47	80.26 -5.00 -14.79	80.75 -4.17 -14.27
ELBRIDGE_115KV_TB2 80188	76.30 -0.14 -5.84	74.46 -0.28 -4.36	74.97 -0.42 -5.15	74.84 -0.42 -4.95	75.49 -0.35 -5.52	71.47 -0.19 -7.47	78.32 -0.07 -9.50	65.41 -0.05 -14.93	63.96 -0.15 -12.60	57.80 -0.14 -12.61	69.48 -0.18 -10.55	63.25 -0.21 -11.23	58.42 -0.14 -11.43	58.17 -0.09 -11.33	59.48 -0.15 -11.25	59.14 -0.14 -12.93	75.34 -0.18 -13.93	97.86 -0.24 -16.94	95.45 -0.24 -15.27	83.24 -0.27 -14.80	81.22 -0.14 -10.76	80.27 -0.28 -10.02	78.68 -0.28 -8.49	78.68 -0.14 -8.17
ELEC_TRO_TEK 24086	122.69 6.57 -45.52	110.48 6.12 -33.97	116.07 5.69 -40.14	114.44 5.55 -38.56	118.69 5.34 -43.03	126.90 4.62 -58.10	147.64 4.89 -73.85	170.20 3.64 -116.02	153.41 3.97 -97.93	147.12 3.81 -97.98	146.01 4.91 -81.99	147.16 4.39 -90.54	144.51 4.01 -93.36	144.46 3.99 -93.53	147.11 4.11 -94.62	153.54 3.89 -103.30	199.02 5.30 -132.12	248.37 7.14 -160.06	217.18 6.92 -129.84	213.62 5.91 -139.01	191.77 7.13 -114.03	178.67 6.77 -101.37	143.51 7.05 -65.98	141.22 6.92 -63.64

ELLENBURG_WT_PWR 323604	69.05 -1.55 0.00	68.84 -1.55 0.00	68.76 -1.48 0.00	68.84 -1.48 0.00	68.70 -1.61 0.00	59.05 -5.14 0.00	63.04 -5.86 0.00	46.40 -4.14 0.00	47.14 -4.38 0.00	41.34 -3.99 0.00	54.14 -4.96 0.00	47.95 -4.28 0.00	42.57 -4.57 0.00	42.29 -4.65 0.00	43.69 -4.69 0.00	41.85 -4.50 0.00	55.75 -5.85 0.00	71.18 -9.99 0.00	71.58 -8.85 0.00	62.39 -6.32 0.00	68.34 -2.26 0.00	68.27 -2.26 0.00	68.15 -2.32 0.00	68.54 -2.12 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	73.53 -5.01 -7.94	70.96 -5.35 -5.93	71.62 -5.62 -7.00	71.42 -5.63 -6.73	72.20 -5.63 -7.51	70.04 -4.30 -10.15	76.21 -5.58 -12.90	66.11 -4.70 -20.27	63.42 -5.20 -17.11	57.78 -4.67 -17.12	67.34 -6.09 -14.32	62.00 -5.48 -15.25	57.85 -4.81 -15.52	57.67 -4.65 -15.38	58.67 -4.98 -15.28	59.18 -4.73 -17.56	74.04 -6.47 -18.91	95.28 -8.60 -22.72	89.92 -8.53 -18.02	77.13 -7.42 -15.84	74.21 -7.91 -11.52	76.31 -7.83 -13.61	74.89 -7.12 -11.53	76.18 -5.58 -11.10
EMPIRE_CC_1 323656	131.62 3.03 -57.98	116.82 3.17 -43.27	124.44 3.09 -51.12	122.45 3.02 -49.12	128.15 3.02 -54.81	139.91 1.73 -73.99	164.74 1.79 -94.06	132.85 1.31 -81.00	131.23 1.39 -78.32	131.82 1.13 -85.36	123.27 1.53 -62.63	123.27 1.41 -69.63	122.96 1.27 -74.55	122.96 1.27 -74.76	122.60 1.35 -72.87	124.37 1.25 -76.77	159.22 1.48 -96.15	250.71 1.94 -167.60	233.37 1.85 -151.09	216.74 1.58 -146.45	179.76 2.61 -106.54	172.44 2.68 -99.23	157.25 2.75 -84.03	154.46 2.75 -81.05
EMPIRE_CC_2 323658	131.62 3.03 -57.98	116.82 3.17 -43.27	124.44 3.09 -51.12	122.45 3.02 -49.12	128.15 3.02 -54.81	139.91 1.73 -73.99	164.74 1.79 -94.06	132.85 1.31 -81.00	131.23 1.39 -78.32	131.82 1.13 -85.36	123.27 1.53 -62.63	123.27 1.41 -69.63	122.96 1.27 -74.55	122.96 1.27 -74.76	122.60 1.35 -72.87	124.37 1.25 -76.77	159.22 1.48 -96.15	250.71 1.94 -167.60	233.37 1.85 -151.09	216.74 1.58 -146.45	179.76 2.61 -106.54	172.44 2.68 -99.23	157.25 2.75 -84.03	154.46 2.75 -81.05
ENORWICH_115KV_TB1 80156	91.94 6.28 -15.05	87.39 5.77 -11.23	89.27 5.76 -13.27	88.76 5.70 -12.75	90.24 5.70 -14.23	88.73 5.33 -19.22	99.59 6.27 -24.43	93.52 4.60 -38.38	88.44 4.53 -32.40	81.50 3.76 -32.41	90.95 4.73 -27.12	85.24 4.13 -28.88	80.30 3.77 -29.39	79.73 3.66 -29.13	81.03 3.73 -28.93	83.40 3.80 -33.25	102.71 5.30 -35.82	132.15 7.47 -43.52	126.93 7.56 -38.94	112.52 6.25 -37.55	104.69 6.78 -27.31	102.73 6.42 -25.78	98.51 6.20 -21.83	97.70 6.01 -21.04
ERIE_ST__34_KV_TB1-2 80199	73.43 -5.44 -8.27	70.71 -5.84 -6.17	71.35 -6.18 -7.29	71.13 -6.19 -7.00	72.01 -6.12 -7.81	70.00 -4.75 -10.56	76.39 -5.92 -13.42	66.77 -4.85 -21.09	63.96 -5.36 -17.80	58.38 -4.76 -17.81	67.80 -6.21 -14.90	62.51 -5.59 -15.87	58.38 -4.90 -16.15	58.20 -4.74 -16.01	59.24 -5.03 -15.90	59.84 -4.77 -18.27	74.75 -6.53 -19.68	96.23 -8.60 -23.67	90.89 -8.61 -19.07	78.20 -7.49 -16.98	75.11 -7.84 -12.35	76.72 -7.97 -14.16	75.07 -7.40 -11.99	76.20 -6.01 -11.55
ERIE_WT_PWR 323693	73.94 -4.80 -8.14	71.18 -5.28 -6.07	71.86 -5.55 -7.18	71.65 -5.56 -6.89	72.52 -5.48 -7.69	70.41 -4.17 -10.40	76.66 -5.44 -13.22	66.75 -4.55 -20.76	64.04 -5.00 -17.53	58.33 -4.53 -17.54	67.87 -5.91 -14.67	62.58 -5.27 -15.62	58.32 -4.71 -15.90	58.10 -4.60 -15.76	59.14 -4.88 -15.65	59.70 -4.63 -17.99	74.51 -6.47 -19.37	96.27 -8.19 -23.30	90.83 -8.28 -18.69	77.94 -7.35 -16.58	74.95 -7.69 -12.04	76.84 -7.62 -13.93	75.29 -6.98 -11.79	76.59 -5.44 -11.38
ESPRGFLD_115KV_TB1 80157	74.13 3.53 0.00	73.62 3.24 0.00	73.47 3.23 0.00	73.69 3.38 0.00	73.76 3.45 0.00	67.33 3.15 0.00	72.68 3.79 0.00	53.47 2.93 0.00	54.35 2.83 0.00	47.50 2.18 0.00	61.71 2.60 0.00	54.32 2.09 0.00	48.93 1.79 0.00	48.72 1.78 0.00	50.22 1.84 0.00	48.48 2.13 0.00	64.92 3.33 0.00	85.69 4.55 0.01	84.95 4.66 0.14	72.28 3.78 0.21	74.68 4.24 0.16	74.55 4.02 0.00	74.21 3.74 0.00	74.19 3.53 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	83.19 1.62 -10.96	79.90 1.34 -8.18	81.10 1.19 -9.66	80.87 1.27 -9.29	81.94 1.27 -10.36	79.54 1.35 -14.00	88.42 1.72 -17.80	79.77 1.26 -27.97	76.31 1.18 -23.61	69.94 1.00 -23.62	80.05 1.18 -19.76	74.27 0.99 -21.04	69.49 0.94 -21.41	69.15 0.99 -21.23	70.47 1.02 -21.08	71.60 1.02 -24.23	89.11 1.42 -26.10	114.91 2.03 -31.72	110.84 2.01 -28.40	97.77 1.65 -27.41	92.37 1.84 -19.93	90.87 1.55 -18.78	87.93 1.55 -15.91	87.60 1.63 -15.32
ETNA____115KV_TB2 80207	83.19 1.62 -10.96	79.90 1.34 -8.18	81.10 1.19 -9.66	80.87 1.27 -9.29	81.94 1.27 -10.36	79.54 1.35 -14.00	88.42 1.72 -17.80	79.77 1.26 -27.97	76.31 1.18 -23.61	69.94 1.00 -23.62	80.05 1.18 -19.76	74.27 0.99 -21.04	69.49 0.94 -21.41	69.15 0.99 -21.23	70.47 1.02 -21.08	71.60 1.02 -24.23	89.11 1.42 -26.10	114.91 2.03 -31.72	110.84 2.01 -28.40	97.77 1.65 -27.41	92.37 1.84 -19.93	90.87 1.55 -18.78	87.93 1.55 -15.91	87.60 1.63 -15.32
EUCLID____115KV_TB2 356179	73.77 -1.13 -4.30	72.33 -1.27 -3.21	72.63 -1.40 -3.79	72.62 -1.34 -3.64	73.04 -1.34 -4.06	68.54 -1.16 -5.51	74.72 -1.17 -7.00	60.68 -0.86 -11.00	59.87 -0.93 -9.29	53.85 -0.77 -9.29	65.82 -1.06 -7.77	59.57 -0.94 -8.28	54.76 -0.80 -8.42	54.54 -0.75 -8.35	55.85 -0.82 -8.29	55.09 -0.79 -9.53	70.76 -1.11 -10.27	92.27 -1.38 -12.49	90.23 -1.45 -11.26	78.38 -1.24 -10.91	77.33 -1.20 -7.93	76.65 -1.27 -7.39	75.47 -1.27 -6.26	75.53 -1.13 -6.01
E_CANADA_CAP_HY 24051	144.56 4.52 -69.44	126.36 4.15 -51.82	135.60 4.14 -61.22	133.36 4.22 -58.82	140.39 4.43 -65.64	156.85 4.05 -88.61	186.36 4.82 -112.65	231.19 3.69 -176.97	204.28 3.40 -149.37	197.13 2.36 -149.45	186.92 2.78 -125.03	187.41 2.04 -133.14	184.33 1.69 -135.50	182.99 1.74 -134.31	183.65 1.88 -133.39	202.09 2.41 -153.34	230.65 3.88 -165.17	287.46 5.44 -200.86	266.96 5.55 -180.99	248.42 4.33 -175.38	203.03 4.94 -127.49	194.39 5.01 -118.85	175.69 4.58 -100.63	172.03 4.31 -97.07
E_CANADA_MHWK_HY 24050	73.07 2.47 0.00	72.78 2.39 0.00	72.55 2.31 0.00	72.57 2.25 0.00	72.57 2.25 0.00	65.85 1.67 0.00	70.68 1.79 0.00	51.75 1.21 0.00	52.75 1.23 0.00	46.32 1.00 0.00	60.47 1.36 0.00	53.38 1.15 0.00	48.22 1.09 0.00	47.97 1.03 0.00	49.44 1.06 0.00	47.41 1.07 0.00	63.07 1.48 0.00	83.03 1.87 0.00	82.35 1.93 0.00	70.36 1.65 0.00	72.79 2.19 0.00	72.86 2.32 0.00	72.88 2.40 0.00	73.06 2.40 0.00
E_FISHKILL____LBMP 23776	121.85 4.87 -46.37	109.64 4.65 -34.61	115.55 4.43 -40.88	113.96 4.36 -39.28	118.37 4.22 -43.84	126.77 3.40 -59.18	147.77 3.65 -75.23	171.50 2.78 -118.19	154.26 2.99 -99.75	147.94 2.81 -99.81	146.21 3.61 -83.50	144.33 3.19 -88.92	140.55 2.92 -90.49	139.50 2.86 -89.70	140.46 3.00 -89.08	151.51 2.78 -102.38	175.69 3.82 -110.28	220.54 5.28 -134.11	206.32 5.07 -120.82	190.11 4.33 -117.07	161.24 5.51 -85.13	155.05 5.15 -79.37	142.90 5.22 -67.21	140.71 5.23 -64.83
FALCON____SEABRD_CC1 323796	70.11 -0.49 0.00	69.82 -0.57 0.00	69.75 -0.49 0.00	69.83 -0.49 0.00	69.68 -0.63 0.00	59.95 -4.24 0.00	63.65 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.70 -3.63 0.00	54.61 -4.49 0.00	48.37 -3.86 0.00	42.94 -4.20 0.00	42.67 -4.27 0.00	44.07 -4.31 0.00	42.22 -4.13 0.00	56.18 -5.42 0.00	71.75 -9.41 0.00	72.06 -8.37 0.00	62.94 -5.77 0.00	68.91 -1.70 0.00	68.84 -1.69 0.00	68.64 -1.83 0.00	69.45 -1.20 0.00

FALCON___SEABRD_CC2 323797	70.11 -0.49 0.00	69.82 -0.57 0.00	69.75 -0.49 0.00	69.83 -0.49 0.00	69.68 -0.63 0.00	59.95 -4.24 0.00	63.65 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.70 -3.63 0.00	54.61 -4.49 0.00	48.37 -3.86 0.00	42.94 -4.20 0.00	42.67 -4.27 0.00	44.07 -4.31 0.00	42.22 -4.13 0.00	56.18 -5.42 0.00	71.75 -9.41 0.00	72.06 -8.37 0.00	62.94 -5.77 0.00	68.91 -1.70 0.00	68.84 -1.69 0.00	68.64 -1.83 0.00	69.45 -1.20 0.00
FAR ROCKAWAY___4 23548	123.82 7.70 -45.52	111.61 7.25 -33.97	117.12 6.74 -40.14	115.42 6.54 -38.56	119.68 6.33 -43.03	127.93 5.65 -58.10	148.74 5.99 -73.85	171.11 4.55 -116.02	154.23 4.79 -97.93	147.84 4.53 -97.98	147.01 5.91 -81.99	147.99 5.22 -90.54	145.26 4.76 -93.36	145.16 4.69 -93.53	147.88 4.89 -94.62	154.28 4.63 -103.30	200.12 6.41 -132.12	249.50 8.28 -160.06	218.71 8.44 -129.84	214.93 7.21 -139.00	193.11 8.47 -114.03	179.94 8.04 -101.37	144.70 8.25 -65.98	142.35 8.05 -63.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	121.98 5.86 -45.51	109.77 5.42 -33.96	115.49 5.13 -40.13	113.93 5.06 -38.56	118.26 4.92 -43.02	126.31 4.04 -58.08	147.00 4.27 -73.84	169.82 3.28 -116.00	153.03 3.61 -97.90	146.78 3.49 -97.96	145.44 4.37 -81.95	143.42 3.92 -87.27	139.58 3.63 -88.81	138.54 3.57 -88.04	139.49 3.68 -87.43	150.26 3.43 -100.48	174.64 4.80 -108.23	219.36 6.57 -131.62	205.28 6.27 -118.58	188.96 5.36 -114.89	160.72 6.57 -83.55	154.50 6.07 -77.90	142.57 6.13 -65.97	140.57 6.29 -63.62
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	121.98 5.86 -45.51	109.77 5.42 -33.96	115.49 5.13 -40.13	113.93 5.06 -38.56	118.26 4.92 -43.02	126.31 4.04 -58.08	147.00 4.27 -73.84	169.87 3.34 -116.00	153.03 3.61 -97.90	146.78 3.49 -97.96	145.44 4.37 -81.95	143.42 3.92 -87.27	139.58 3.63 -88.81	138.54 3.57 -88.04	139.49 3.68 -87.43	150.31 3.48 -100.48	174.64 4.80 -108.23	219.36 6.57 -131.62	205.28 6.27 -118.58	188.96 5.36 -114.89	160.72 6.57 -83.55	154.57 6.14 -77.90	142.65 6.20 -65.97	140.57 6.29 -63.62
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	121.90 5.79 -45.51	109.70 5.35 -33.96	115.42 5.06 -40.13	113.86 4.99 -38.56	118.26 4.92 -43.02	126.31 4.04 -58.08	146.93 4.20 -73.84	169.82 3.28 -116.00	152.97 3.55 -97.90	146.73 3.44 -97.96	145.44 4.37 -81.95	143.36 3.87 -87.27	139.53 3.58 -88.81	138.49 3.52 -88.04	139.44 3.63 -87.43	150.26 3.43 -100.48	174.57 4.74 -108.23	219.28 6.49 -131.62	205.20 6.19 -118.58	188.89 5.29 -114.89	160.65 6.50 -83.55	154.50 6.07 -77.90	142.57 6.13 -65.97	140.50 6.22 -63.62
FARRAGUT___LBMP 323566	121.83 5.72 -45.51	109.63 5.28 -33.96	115.42 5.06 -40.13	113.86 4.99 -38.56	118.19 4.85 -43.02	126.25 3.98 -58.08	146.86 4.13 -73.84	169.77 3.23 -116.00	152.92 3.50 -97.90	146.68 3.40 -97.96	145.38 4.31 -81.95	143.31 3.81 -87.27	139.49 3.54 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	150.21 3.38 -100.48	174.51 4.68 -108.23	219.20 6.41 -131.62	205.12 6.11 -118.58	188.83 5.22 -114.89	160.57 6.42 -83.55	154.43 6.00 -77.90	142.50 6.06 -65.97	140.43 6.15 -63.62
FENNER___WINDPWR 24204	78.37 1.77 -6.00	76.48 1.62 -4.48	77.07 1.54 -5.29	76.95 1.55 -5.08	77.61 1.62 -5.67	73.36 1.48 -7.70	80.46 1.79 -9.79	67.22 1.31 -15.37	65.78 1.29 -12.97	59.44 1.13 -12.98	71.38 1.42 -10.86	65.05 1.25 -11.57	60.09 1.18 -11.77	59.78 1.17 -11.67	61.12 1.16 -11.59	60.82 1.16 -13.32	77.42 1.48 -14.34	100.63 2.03 -17.44	98.08 2.01 -15.65	85.41 1.58 -15.12	83.59 2.05 -10.94	82.71 1.91 -10.27	81.00 1.83 -8.70	80.81 1.77 -8.39
FIBERTEK___ENERGY 23856	76.05 0.07 -5.38	74.26 -0.14 -4.02	74.70 -0.28 -4.75	74.67 -0.21 -4.56	75.26 -0.14 -5.09	71.01 -0.06 -6.89	77.79 0.14 -8.76	64.40 0.10 -13.76	63.18 0.05 -11.61	56.99 0.05 -11.62	68.89 0.06 -9.72	62.63 0.05 -10.35	57.72 0.05 -10.53	57.47 0.09 -10.44	58.79 0.05 -10.37	58.31 0.05 -11.92	74.50 0.06 -12.84	96.86 0.08 -15.61	94.58 0.08 -14.07	82.35 0.00 -13.64	80.66 0.14 -9.92	79.70 -0.07 -9.24	78.30 0.00 -7.82	78.25 0.07 -7.52
FITZPATRICK____ 23598	70.79 -2.40 -2.59	69.79 -2.53 -1.93	69.93 -2.60 -2.28	69.91 -2.60 -2.20	70.24 -2.53 -2.45	65.13 -2.37 -3.32	70.63 -2.48 -4.22	55.35 -1.82 -6.63	55.20 -1.91 -5.59	49.25 -1.68 -5.60	61.60 -2.19 -4.68	55.29 -1.93 -4.98	50.47 -1.74 -5.07	50.23 -1.74 -5.03	51.58 -1.79 -4.99	50.37 -1.71 -5.74	65.44 -2.34 -6.18	85.69 -3.00 -7.53	84.30 -2.97 -6.85	72.78 -2.61 -6.68	72.90 -2.54 -4.84	72.43 -2.54 -4.44	71.70 -2.53 -3.76	71.80 -2.47 -3.62
FLOWRFLD_69_KV_BK1 356044	124.88 8.75 -45.52	112.45 8.09 -33.97	117.89 7.52 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.83 6.55 -58.10	149.70 6.96 -73.85	171.67 5.10 -116.03	154.96 5.51 -97.94	148.48 5.17 -97.99	147.85 6.74 -82.00	148.73 5.95 -90.55	145.93 5.42 -93.37	145.87 5.40 -93.54	148.62 5.61 -94.63	155.03 5.38 -103.31	200.81 7.08 -132.13	251.06 9.82 -160.08	219.76 9.49 -129.85	215.83 8.11 -139.01	193.82 9.18 -114.04	181.08 9.17 -101.37	145.91 9.44 -65.99	143.56 9.26 -63.65
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	122.18 6.00 -45.57	110.17 5.77 -34.01	115.90 5.48 -40.18	114.34 5.41 -38.61	118.67 5.27 -43.08	126.84 4.49 -58.16	147.79 4.96 -73.94	170.43 3.74 -116.15	153.46 3.92 -98.03	146.95 3.54 -98.09	145.66 4.49 -82.06	143.48 3.87 -87.38	139.56 3.49 -88.93	138.52 3.43 -88.15	139.51 3.58 -87.55	150.35 3.38 -100.61	174.84 4.87 -108.37	219.77 6.82 -131.79	205.84 6.68 -118.74	189.39 5.63 -115.04	161.04 6.78 -83.66	154.82 6.28 -78.01	142.87 6.34 -66.05	140.65 6.29 -63.71
FORT ORANGE____ 23900	132.25 2.68 -58.96	116.99 2.61 -44.00	124.75 2.52 -51.98	122.79 2.53 -49.95	128.58 2.53 -55.74	140.71 1.28 -75.24	165.85 1.31 -95.65	177.48 0.56 -126.39	162.32 0.57 -110.23	158.48 0.36 -112.80	150.86 0.53 -91.23	150.89 0.47 -98.19	148.81 0.42 -101.25	148.03 0.42 -100.67	148.35 0.48 -99.49	158.56 0.42 -111.79	187.50 0.68 -125.23	252.56 0.98 -170.42	235.03 0.97 -153.64	218.39 0.76 -148.92	180.43 1.48 -108.35	173.00 1.55 -100.91	157.48 1.55 -85.45	155.69 2.62 -82.42
FORT_DRUM_COGEN 23780	73.15 0.14 -2.40	72.18 0.00 -1.79	72.36 0.00 -2.12	72.35 0.00 -2.04	72.73 0.14 -2.27	66.83 -0.58 -3.22	72.78 -0.21 -4.10	57.13 0.15 -6.44	57.00 0.05 -5.43	50.67 -0.09 -5.44	63.48 -0.18 -4.55	57.02 -0.05 -4.84	51.88 -0.19 -4.93	51.64 -0.19 -4.89	53.09 -0.15 -4.85	51.97 0.05 -5.58	67.48 -0.12 -6.01	88.47 0.00 -7.31	87.25 0.24 -6.59	75.23 0.14 -6.39	76.51 1.27 -4.64	75.91 1.06 -4.32	74.70 0.56 -3.66	74.16 0.14 -3.36
FOX_HILLS___ESR 323835	122.20 6.07 -45.53	110.34 5.98 -33.97	115.86 5.48 -40.14	114.23 5.34 -38.57	118.62 5.27 -43.03	126.71 4.43 -58.10	147.07 4.34 -73.84	169.88 3.34 -116.00	153.03 3.61 -97.91	146.96 3.67 -97.96	152.06 4.61 -88.34	152.11 4.13 -95.75	139.78 3.82 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.04 3.66 -104.04	195.75 4.99 -129.16	219.61 6.82 -131.63	205.69 6.68 -118.59	189.32 5.70 -114.91	161.26 6.99 -83.67	155.01 6.56 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
FPL FAR_ROCK_GT1 24212	123.82 7.70 -45.52	111.61 7.25 -33.97	117.05 6.68 -40.14	115.42 6.54 -38.56	119.68 6.33 -43.03	127.93 5.65 -58.10	148.67 5.93 -73.85	171.11 4.55 -116.02	154.18 4.74 -97.93	147.88 4.58 -97.98	146.95 5.85 -81.99	147.94 5.17 -90.54	145.26 4.76 -93.36	145.20 4.74 -93.53	147.93 4.94 -94.62	154.28 4.63 -103.30	200.12 6.41 -132.12	249.58 8.36 -160.06	218.70 8.44 -129.84	214.93 7.21 -139.00	193.10 8.47 -114.03	180.14 8.25 -101.36	144.69 8.24 -65.98	142.35 8.05 -63.64

FPL FAR_ROCK_GT2 23815	123.82 7.70 -45.52	111.61 7.25 -33.97	117.05 6.68 -40.14	115.42 6.54 -38.56	119.68 6.33 -43.03	127.93 5.65 -58.10	148.67 5.93 -73.85	171.11 4.55 -116.02	154.18 4.74 -97.93	147.88 4.58 -97.98	146.95 5.85 -81.99	147.94 5.17 -90.54	145.26 4.76 -93.36	145.20 4.74 -93.53	147.93 4.94 -94.62	154.28 4.63 -103.30	200.12 6.41 -132.12	249.58 8.36 -160.06	218.70 8.44 -129.84	214.93 7.21 -139.00	193.10 8.47 -114.03	180.14 8.25 -101.36	144.69 8.24 -65.98	142.35 8.05 -63.64
FRANKLIN_FALL_HYD 24054	69.97 -0.64 0.00	69.68 -0.70 0.00	69.61 -0.63 0.00	69.68 -0.63 0.00	69.47 -0.84 0.00	61.17 -4.11 -1.10	65.81 -4.48 -1.39	49.64 -3.08 -2.19	50.01 -3.35 -1.85	44.09 -3.08 -1.85	56.87 -3.78 -1.55	50.64 -3.24 -1.65	45.14 -3.68 -1.68	44.80 -3.80 -1.66	46.30 -3.73 -1.65	44.68 -3.57 -1.90	58.96 -4.68 -2.04	76.50 -7.14 -2.48	76.23 -6.43 -2.24	65.93 -4.95 -2.17	71.33 -0.85 -1.58	71.15 -0.85 -1.47	70.67 -1.06 -1.24	69.45 -1.20 0.00
FREEPORT_EQUUS_GT1 23764	123.40 7.27 -45.52	111.18 6.83 -33.97	116.63 6.25 -40.14	115.00 6.11 -38.56	119.26 5.91 -43.03	127.55 5.26 -58.10	148.12 5.38 -73.85	170.71 4.14 -116.03	153.77 4.33 -97.93	147.57 4.26 -97.98	146.48 5.38 -82.00	147.53 4.75 -90.54	144.93 4.43 -93.37	144.88 4.41 -93.53	147.55 4.55 -94.62	153.96 4.31 -103.30	199.39 5.66 -132.12	248.78 7.55 -160.07	217.51 7.24 -129.84	213.90 6.19 -139.01	192.26 7.63 -114.03	179.30 7.40 -101.36	144.14 7.68 -65.98	141.86 7.56 -63.64
FREEPORT___CT2 23818	123.40 7.27 -45.52	111.18 6.83 -33.97	116.63 6.25 -40.14	115.00 6.11 -38.56	119.26 5.91 -43.03	127.55 5.26 -58.10	148.12 5.38 -73.85	170.71 4.14 -116.03	153.77 4.33 -97.93	147.57 4.26 -97.98	146.48 5.38 -82.00	147.53 4.75 -90.54	144.93 4.43 -93.37	144.88 4.41 -93.53	147.55 4.55 -94.62	153.96 4.31 -103.30	199.39 5.66 -132.12	248.78 7.55 -160.07	217.51 7.24 -129.84	213.90 6.19 -139.01	192.26 7.63 -114.03	179.30 7.40 -101.36	144.14 7.68 -65.98	141.86 7.56 -63.64
FRESHKLS_33_KV_LOAD 356253	122.06 5.93 -45.53	110.34 5.98 -33.97	115.72 5.34 -40.14	114.16 5.27 -38.57	118.48 5.13 -43.03	126.58 4.30 -58.10	128.95 4.13 -55.93	144.00 3.18 -90.28	132.09 3.45 -77.12	132.17 3.54 -83.31	129.74 4.43 -66.20	129.67 3.97 -73.47	129.29 3.68 -78.48	129.25 3.61 -78.69	129.28 3.73 -77.18	132.14 3.52 -82.27	135.54 4.87 -69.08	143.61 6.66 -55.79	143.73 6.43 -56.87	132.74 5.57 -58.47	132.60 6.85 -55.15	134.06 6.35 -57.18	131.53 6.34 -54.71	130.38 6.36 -53.36
FULTON COGEN____ 23766	72.76 -1.55 -3.72	71.61 -1.55 -2.77	71.83 -1.69 -3.28	71.85 -1.62 -3.15	72.21 -1.62 -3.51	67.54 -1.41 -4.77	73.57 -1.38 -6.06	59.04 -1.01 -9.52	58.47 -1.08 -8.03	52.46 -0.91 -8.04	64.65 -1.18 -6.72	58.35 -1.04 -7.16	53.48 -0.94 -7.29	53.27 -0.89 -7.22	54.58 -0.97 -7.17	53.67 -0.93 -8.24	69.12 -1.36 -8.88	90.26 -1.70 -10.80	88.47 -1.69 -9.74	76.64 -1.51 -9.44	75.98 -1.48 -6.86	75.37 -1.55 -6.39	74.34 -1.55 -5.41	74.29 -1.55 -5.19
FULTON___LFGE 323630	142.51 5.65 -66.26	125.18 5.35 -49.45	133.93 5.27 -58.42	131.79 5.34 -56.13	138.44 5.49 -62.64	153.75 5.01 -84.56	182.17 5.79 -107.49	223.80 4.39 -168.87	198.32 4.27 -142.53	191.02 3.08 -142.61	182.20 3.79 -119.31	182.30 3.03 -127.04	178.98 2.54 -129.29	177.68 2.58 -128.16	178.42 2.76 -127.29	195.83 3.15 -146.33	223.95 4.74 -157.61	279.41 6.57 -191.68	259.91 6.76 -172.73	241.45 5.36 -167.38	198.34 6.07 -121.67	189.93 5.99 -113.41	172.07 5.57 -96.03	168.65 5.37 -92.63
G.F.CEMENT___DRP 24184	138.25 6.21 -61.44	122.21 5.98 -45.84	130.30 5.90 -54.16	128.19 5.84 -52.04	134.37 5.98 -58.07	147.78 5.20 -78.40	174.41 5.86 -99.66	234.64 3.49 -180.62	204.08 3.71 -148.86	194.65 2.90 -146.42	188.50 3.72 -125.67	188.28 3.29 -132.75	183.79 2.88 -133.78	182.15 2.91 -132.30	183.26 3.00 -131.89	203.56 2.97 -154.24	227.02 4.13 -161.30	264.51 5.44 -177.91	246.20 5.39 -160.39	228.36 4.19 -155.46	188.58 5.08 -112.90	182.03 6.35 -105.15	165.58 6.06 -89.04	162.33 5.79 -85.88
GARDENVILLE___LBMP 24039	73.68 -5.01 -8.09	71.08 -5.35 -6.04	71.76 -5.62 -7.14	71.48 -5.70 -6.86	72.34 -5.63 -7.65	70.23 -4.30 -10.34	76.46 -5.58 -13.15	66.54 -4.65 -20.65	63.74 -5.20 -17.43	58.14 -4.62 -17.44	67.67 -6.03 -14.59	62.28 -5.48 -15.54	58.14 -4.81 -15.81	57.96 -4.65 -15.67	59.01 -4.93 -15.57	59.51 -4.73 -17.89	74.46 -6.41 -19.27	95.89 -8.44 -23.17	90.50 -8.44 -18.52	77.75 -7.35 -16.39	74.68 -7.84 -11.92	76.64 -7.76 -13.87	75.17 -7.05 -11.74	76.39 -5.58 -11.31
GARDNVLA_35_KV_LD 355827	73.96 -4.80 -8.16	71.26 -5.21 -6.09	71.95 -5.48 -7.19	71.67 -5.55 -6.91	72.54 -5.48 -7.71	70.43 -4.17 -10.42	76.76 -5.37 -13.25	66.80 -4.55 -20.81	64.03 -5.05 -17.56	58.37 -4.53 -17.57	67.90 -5.91 -14.70	62.56 -5.33 -15.65	58.40 -4.67 -15.93	58.22 -4.51 -15.79	59.22 -4.84 -15.68	59.78 -4.59 -18.03	74.79 -6.22 -19.42	96.32 -8.20 -23.35	90.97 -8.20 -18.75	78.22 -7.15 -16.65	75.09 -7.62 -12.11	76.89 -7.62 -13.97	75.40 -6.91 -11.83	76.69 -5.37 -11.40
GELCKHM___115KV_LOAD 80723	74.59 -0.71 -4.69	73.04 -0.84 -3.50	73.39 -0.98 -4.14	73.38 -0.91 -3.98	73.84 -0.91 -4.44	69.43 -0.77 -6.01	75.84 -0.69 -7.64	62.09 -0.45 -12.00	61.08 -0.57 -10.13	55.01 -0.45 -10.14	67.00 -0.59 -8.48	60.74 -0.52 -9.03	55.86 -0.47 -9.19	55.62 -0.42 -9.11	56.94 -0.48 -9.05	56.28 -0.46 -10.40	72.12 -0.81 -11.20	93.97 -0.68 -13.62	91.82 -0.88 -12.28	79.86 -0.76 -11.90	78.55 -0.71 -8.65	77.82 -0.78 -8.06	76.53 -0.78 -6.83	76.51 -0.71 -6.56
GENERAL___MILLS 23808	73.80 -4.94 -8.14	71.18 -5.28 -6.07	71.80 -5.62 -7.18	71.58 -5.63 -6.89	72.45 -5.55 -7.69	70.35 -4.24 -10.40	76.60 -5.51 -13.22	66.70 -4.60 -20.76	63.89 -5.15 -17.53	58.29 -4.58 -17.54	67.81 -5.97 -14.67	62.42 -5.43 -15.62	58.27 -4.76 -15.90	58.10 -4.60 -15.76	59.14 -4.89 -15.65	59.70 -4.63 -17.99	74.63 -6.34 -19.37	96.10 -8.36 -23.30	90.75 -8.36 -18.69	78.01 -7.28 -16.58	74.89 -7.77 -12.06	76.79 -7.69 -13.95	75.31 -6.98 -11.81	76.52 -5.51 -11.38
GE_PLASTICS___DRP 24183	131.95 2.33 -59.02	116.75 2.32 -44.04	124.52 2.25 -52.03	122.63 2.32 -49.99	128.42 2.32 -55.79	140.72 1.22 -75.31	165.87 1.24 -95.74	183.75 0.86 -132.35	166.79 0.88 -114.40	162.41 0.73 -116.35	155.08 1.00 -94.97	155.04 0.89 -101.92	152.66 0.80 -104.72	151.77 0.80 -104.04	152.20 0.87 -102.96	163.53 0.79 -116.40	191.66 1.05 -129.01	253.23 1.46 -170.60	235.67 1.45 -153.80	218.95 1.17 -149.08	180.96 1.91 -108.45	173.38 1.83 -101.01	157.98 1.97 -85.53	155.49 2.33 -82.50
GILBOA___1 23756	119.77 2.54 -46.63	107.64 2.46 -34.79	113.95 2.60 -41.11	112.63 2.82 -39.50	117.21 2.82 -44.08	125.36 1.67 -59.50	146.32 1.79 -75.64	170.68 1.31 -118.83	153.20 1.39 -100.30	146.90 1.22 -100.35	144.66 1.60 -83.96	143.04 1.41 -89.40	139.40 1.27 -90.98	138.39 1.27 -90.19	139.30 1.35 -89.57	150.54 1.25 -102.94	174.20 1.72 -110.88	217.94 1.94 -134.83	203.98 2.09 -121.47	188.31 1.92 -117.68	158.85 2.68 -85.57	152.94 2.61 -79.80	140.66 2.61 -67.57	138.45 2.62 -65.18
GILBOA___2 23757	119.77 2.54 -46.63	107.64 2.46 -34.79	113.95 2.60 -41.11	112.63 2.82 -39.50	117.21 2.82 -44.08	125.36 1.67 -59.50	146.32 1.79 -75.64	170.68 1.31 -118.83	153.20 1.39 -100.30	146.90 1.22 -100.35	144.66 1.60 -83.96	143.04 1.41 -89.40	139.40 1.27 -90.98	138.39 1.27 -90.19	139.30 1.35 -89.57	150.54 1.25 -102.94	174.20 1.72 -110.88	217.94 1.94 -134.83	203.98 2.09 -121.47	188.31 1.92 -117.68	158.85 2.68 -85.57	152.94 2.61 -79.80	140.66 2.61 -67.57	138.45 2.62 -65.18

GILBOA___3 23758	119.77 2.54 -46.63	107.64 2.46 -34.79	113.95 2.60 -41.11	112.63 2.82 -39.50	117.21 2.82 -44.08	125.36 1.67 -59.50	146.32 1.79 -75.64	170.68 1.31 -118.83	153.20 1.39 -100.30	146.90 1.22 -100.35	144.66 1.60 -83.96	143.04 1.41 -89.40	139.40 1.27 -90.98	138.39 1.27 -90.19	139.30 1.35 -89.57	150.54 1.25 -102.94	174.20 1.72 -110.88	217.94 1.94 -134.83	203.98 2.09 -121.47	188.31 1.92 -117.68	158.85 2.68 -85.57	152.94 2.61 -79.80	140.66 2.61 -67.57	138.45 2.62 -65.18
GILBOA___4 23759	119.77 2.54 -46.63	107.64 2.46 -34.79	113.95 2.60 -41.11	112.63 2.82 -39.50	117.21 2.82 -44.08	125.36 1.67 -59.50	146.32 1.79 -75.64	170.68 1.31 -118.83	153.20 1.39 -100.30	146.90 1.22 -100.35	144.66 1.60 -83.96	143.04 1.41 -89.40	139.40 1.27 -90.98	138.39 1.27 -90.19	139.30 1.35 -89.57	150.54 1.25 -102.94	174.20 1.72 -110.88	217.94 1.94 -134.83	203.98 2.09 -121.47	188.31 1.92 -117.68	158.85 2.68 -85.57	152.94 2.61 -79.80	140.66 2.61 -67.57	138.45 2.62 -65.18
GILBOA___ 23599	119.77 2.54 -46.63	107.64 2.46 -34.79	113.95 2.60 -41.11	112.63 2.81 -39.50	117.20 2.81 -44.08	125.36 1.67 -59.50	146.32 1.79 -75.64	170.68 1.31 -118.83	153.20 1.39 -100.30	146.90 1.22 -100.35	144.66 1.60 -83.96	143.04 1.41 -89.40	139.39 1.27 -90.98	138.39 1.27 -90.19	139.30 1.35 -89.57	150.54 1.25 -102.94	174.20 1.72 -110.88	217.95 1.95 -134.83	203.98 2.09 -121.47	188.31 1.92 -117.68	158.79 2.61 -85.58	152.88 2.54 -79.81	140.66 2.61 -67.58	138.45 2.61 -65.18
GINNA___ 23603	71.80 -4.66 -5.86	69.83 -4.93 -4.37	70.28 -5.12 -5.17	70.15 -5.13 -4.96	70.87 -4.99 -5.54	67.51 -4.17 -7.49	73.80 -4.62 -9.52	62.01 -3.49 -14.96	60.43 -3.71 -12.63	54.66 -3.31 -12.63	65.42 -4.26 -10.57	59.73 -3.76 -11.26	55.15 -3.44 -11.46	54.87 -3.42 -11.36	56.03 -3.63 -11.28	55.83 -3.48 -12.96	70.87 -4.68 -13.96	92.25 -5.92 -17.01	90.09 -5.95 -15.62	78.68 -5.36 -15.33	76.15 -5.58 -11.13	74.92 -5.65 -10.03	73.55 -5.43 -8.49	73.97 -4.87 -8.19
GLEN PARK___ 23778	73.79 0.71 -2.49	72.67 0.42 -1.86	72.86 0.42 -2.19	72.85 0.42 -2.11	73.23 0.56 -2.35	67.38 -0.13 -3.32	73.46 0.35 -4.22	57.73 0.56 -6.63	57.58 0.46 -5.60	51.11 0.18 -5.60	63.97 0.18 -4.69	57.48 0.26 -4.99	52.31 0.09 -5.08	52.07 0.09 -5.03	53.52 0.15 -5.00	52.46 0.37 -5.75	68.28 0.49 -6.19	89.42 0.73 -7.53	88.18 0.97 -6.79	76.11 0.83 -6.58	77.14 1.97 -4.57	76.55 1.76 -4.26	75.28 1.20 -3.60	74.84 0.71 -3.48
GLENDALE_27_KV_LOAD 356172	122.55 6.42 -45.53	110.34 5.98 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.56 4.82 -73.84	170.13 3.59 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.35	152.37 4.39 -95.75	140.02 4.05 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.13 5.36 -129.17	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.37 7.20 -83.56	155.22 6.77 -77.92	143.29 6.84 -65.98	141.22 6.92 -63.64
GLENWOOD_IC_1_G5 23712	122.62 6.50 -45.52	110.41 6.05 -33.97	116.07 5.69 -40.14	114.44 5.55 -38.56	118.76 5.41 -43.03	126.46 4.17 -58.10	147.22 4.48 -73.85	170.00 3.44 -116.02	153.10 3.66 -97.93	146.84 3.54 -97.98	145.71 4.61 -81.99	146.85 4.07 -90.54	144.27 3.77 -93.36	144.18 3.71 -93.53	146.82 3.82 -94.62	153.26 3.62 -103.30	198.71 4.99 -132.12	248.04 6.82 -160.06	216.86 6.59 -129.84	213.35 5.63 -139.01	191.41 6.78 -114.04	178.25 6.35 -101.37	142.94 6.48 -65.98	140.65 6.36 -63.64
GLENWOOD_IC_2_G1 23688	122.20 6.07 -45.52	109.99 5.63 -33.97	115.65 5.27 -40.14	114.08 5.20 -38.56	118.42 5.07 -43.03	126.52 4.24 -58.10	147.22 4.48 -73.85	170.00 3.44 -116.02	153.05 3.60 -97.93	146.84 3.54 -97.98	145.65 4.55 -81.99	146.79 4.02 -90.54	144.22 3.72 -93.36	144.17 3.71 -93.53	146.82 3.82 -94.62	153.22 3.57 -103.30	198.65 4.93 -132.12	247.95 6.73 -160.06	216.77 6.51 -129.84	213.28 5.56 -139.00	191.34 6.71 -114.03	178.45 6.56 -101.36	142.93 6.48 -65.98	140.72 6.43 -63.64
GLENWOOD_IC_3_G1 23689	122.20 6.07 -45.52	109.99 5.63 -33.97	115.65 5.27 -40.14	114.08 5.20 -38.56	118.42 5.07 -43.03	126.52 4.24 -58.10	147.22 4.48 -73.85	170.00 3.44 -116.02	153.05 3.60 -97.93	146.84 3.54 -97.98	145.65 4.55 -81.99	146.79 4.02 -90.54	144.22 3.72 -93.36	144.17 3.71 -93.53	146.82 3.82 -94.62	153.22 3.57 -103.30	198.65 4.93 -132.12	247.95 6.73 -160.06	216.77 6.51 -129.84	213.28 5.56 -139.00	191.34 6.71 -114.03	178.45 6.56 -101.36	142.93 6.48 -65.98	140.72 6.43 -63.64
GLENWOOD___4 23550	122.62 6.50 -45.52	110.41 6.05 -33.97	116.07 5.69 -40.14	114.44 5.55 -38.56	118.76 5.41 -43.03	126.65 4.36 -58.10	147.36 4.62 -73.85	170.10 3.54 -116.02	153.26 3.81 -97.93	146.94 3.63 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.37 3.87 -93.36	144.27 3.80 -93.53	146.97 3.97 -94.62	153.36 3.71 -103.30	198.83 5.11 -132.12	248.29 7.06 -160.06	217.02 6.76 -129.84	213.49 5.77 -139.01	191.55 6.92 -114.04	178.39 6.49 -101.37	143.08 6.62 -65.98	140.87 6.57 -63.64
GLENWOOD___5 23614	122.62 6.50 -45.52	110.41 6.05 -33.97	116.07 5.69 -40.14	114.44 5.55 -38.56	118.76 5.41 -43.03	126.65 4.36 -58.10	147.36 4.62 -73.85	170.10 3.54 -116.02	153.26 3.81 -97.93	146.94 3.63 -97.98	145.83 4.73 -81.99	147.00 4.23 -90.54	144.37 3.87 -93.36	144.27 3.80 -93.53	146.97 3.97 -94.62	153.36 3.71 -103.30	198.83 5.11 -132.12	248.29 7.06 -160.06	217.02 6.76 -129.84	213.49 5.77 -139.01	191.55 6.92 -114.04	178.39 6.49 -101.37	143.08 6.62 -65.98	140.87 6.57 -63.64
GLOBAL GREEN_PORT_GT1 23814	125.52 9.39 -45.52	113.08 8.73 -33.97	118.38 8.00 -40.14	116.75 7.87 -38.56	121.02 7.67 -43.03	129.47 7.19 -58.10	150.19 7.44 -73.85	170.86 4.29 -116.03	154.04 4.58 -97.94	147.76 4.44 -97.99	148.32 7.21 -82.00	149.10 6.32 -90.55	146.31 5.80 -93.37	146.20 5.72 -93.54	149.05 6.05 -94.63	155.59 5.93 -103.31	201.99 8.26 -132.13	250.57 9.33 -160.08	219.04 8.77 -129.85	217.21 9.49 -139.02	195.16 10.52 -114.04	182.12 10.22 -101.37	146.47 10.00 -65.99	144.20 9.89 -63.65
GLOBE___DSASP 323697	72.11 -6.00 -7.51	69.73 -6.26 -5.61	70.33 -6.53 -6.62	70.14 -6.54 -6.37	70.95 -6.47 -7.10	68.65 -5.13 -9.60	74.21 -6.89 -12.20	63.90 -5.81 -19.17	61.36 -6.34 -16.18	55.85 -5.67 -16.19	65.32 -7.33 -13.55	60.02 -6.63 -14.42	55.97 -5.85 -14.68	55.81 -5.68 -14.55	56.78 -6.05 -14.45	57.16 -5.79 -16.61	71.60 -7.88 -17.89	92.07 -10.55 -21.46	86.70 -10.46 -16.73	74.12 -9.07 -14.48	71.46 -9.67 -10.53	74.03 -9.38 -12.88	72.85 -8.53 -10.90	74.52 -6.64 -10.50
GOETHSLN___LBMP 323567	121.48 5.37 -45.51	109.28 4.93 -33.96	115.00 4.64 -40.13	113.44 4.57 -38.56	117.77 4.43 -43.02	125.80 3.53 -58.08	128.46 3.65 -55.91	143.68 2.88 -90.26	131.76 3.14 -77.11	131.70 3.08 -83.29	129.19 3.90 -66.19	129.13 3.45 -73.45	128.81 3.21 -78.47	128.76 3.14 -78.68	128.78 3.24 -77.16	131.66 3.06 -82.25	134.91 4.25 -69.06	142.78 5.84 -55.77	142.83 5.55 -56.86	131.97 4.81 -58.45	131.67 5.93 -55.13	133.20 5.50 -57.16	130.74 5.57 -54.70	129.66 5.65 -53.35
GOLAH___69_KV_TB 1_2 80279	74.40 -2.33 -6.13	72.43 -2.53 -4.57	72.91 -2.74 -5.41	72.77 -2.74 -5.19	73.44 -2.67 -5.80	70.16 -1.86 -7.84	76.37 -2.48 -9.96	64.01 -2.17 -15.65	62.30 -2.42 -13.21	56.28 -2.27 -13.22	67.21 -2.96 -11.06	61.29 -2.72 -11.77	56.67 -2.45 -11.98	56.42 -2.39 -11.88	57.51 -2.66 -11.80	57.40 -2.50 -13.56	72.87 -3.33 -14.60	94.63 -4.30 -17.77	92.43 -4.10 -16.11	80.74 -3.64 -15.68	77.83 -4.17 -11.40	76.95 -4.09 -10.51	75.78 -3.59 -8.90	76.61 -2.61 -8.57

GOODYEAR_LAKE_HYD 323669	88.84 3.32 -14.92	84.62 3.10 -11.13	86.48 3.09 -13.15	86.19 3.23 -12.64	87.65 3.23 -14.10	85.93 2.70 -19.04	96.27 3.17 -24.21	91.00 2.43 -38.03	86.09 2.47 -32.10	79.53 2.09 -32.12	88.58 2.60 -26.87	83.09 2.25 -28.61	78.29 2.03 -29.12	77.77 1.97 -28.87	79.03 1.98 -28.67	81.34 2.04 -32.96	100.05 2.96 -35.50	128.21 3.90 -43.15	123.15 4.02 -38.71	109.40 3.30 -37.39	101.66 3.88 -27.18	99.67 3.60 -25.54	95.63 3.52 -21.63	94.90 3.39 -20.86
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	86.42 0.21 -15.61	82.03 0.00 -11.65	83.86 -0.14 -13.76	83.47 -0.07 -13.22	85.00 -0.07 -14.75	84.12 0.00 -19.93	94.22 0.00 -25.33	90.24 -0.10 -39.80	84.90 -0.21 -33.59	78.76 -0.18 -33.61	86.93 -0.30 -28.12	81.91 -0.26 -29.94	77.42 -0.19 -30.47	77.00 -0.14 -30.21	78.18 -0.19 -30.00	80.64 -0.19 -34.48	98.55 -0.18 -37.14	126.02 -0.24 -45.10	120.31 -0.24 -40.13	106.98 -0.27 -38.54	98.56 -0.07 -28.03	97.05 -0.21 -26.73	92.97 -0.14 -22.63	92.61 0.14 -21.82
GOUDEY___7 23579	86.42 0.21 -15.61	82.03 0.00 -11.65	83.86 -0.14 -13.76	83.47 -0.07 -13.22	85.00 -0.07 -14.75	84.12 0.00 -19.93	94.22 0.00 -25.33	90.24 -0.10 -39.80	84.90 -0.21 -33.59	78.76 -0.18 -33.61	86.93 -0.30 -28.12	81.91 -0.26 -29.94	77.42 -0.19 -30.47	77.00 -0.14 -30.21	78.18 -0.19 -30.00	80.64 -0.19 -34.48	98.55 -0.18 -37.14	126.02 -0.24 -45.10	120.31 -0.24 -40.13	106.98 -0.27 -38.54	98.56 -0.07 -28.03	97.05 -0.21 -26.73	92.97 -0.14 -22.63	92.61 0.14 -21.82
GOUDEY___8 23580	86.42 0.21 -15.61	82.03 0.00 -11.65	83.86 -0.14 -13.76	83.47 -0.07 -13.22	85.00 -0.07 -14.75	84.12 0.00 -19.93	94.22 0.00 -25.33	90.24 -0.10 -39.80	84.90 -0.21 -33.59	78.76 -0.18 -33.61	86.93 -0.30 -28.12	81.91 -0.26 -29.94	77.42 -0.19 -30.47	77.00 -0.14 -30.21	78.18 -0.19 -30.00	80.64 -0.19 -34.48	98.55 -0.18 -37.14	126.02 -0.24 -45.10	120.31 -0.24 -40.13	106.98 -0.27 -38.54	98.56 -0.07 -28.03	97.05 -0.21 -26.73	92.97 -0.14 -22.63	92.61 0.14 -21.82
GOWANUS_GT1_1 24077	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT1_2 24078	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT1_3 24079	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT1_4 24080	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT1_5 24084	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT1_6 24111	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT1_7 24112	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT1_8 24113	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT2_1 24114	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT2_2 24115	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT2_3 24116	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64

GOWANUS_GT2_4 24117	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT2_5 24118	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT2_6 24119	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT2_7 24120	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT2_8 24121	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT3_1 24122	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
GOWANUS_GT3_2 24123	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75</												

GOWANUS_GT4_3 24132	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT4_4 24133	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT4_5 24134	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT4_6 24135	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT4_7 24136	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GOWANUS_GT4_8 24137	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GREENBSH_115KV_TB3 55895	132.07 2.19 -59.29	116.81 2.18 -44.24	124.61 2.11 -52.27	122.65 2.11 -50.22	128.47 2.11 -56.04	140.68 0.83 -75.65	165.82 0.76 -96.18	177.06 0.45 -126.07	162.17 0.52 -110.14	158.55 0.41 -112.82	150.79 0.59 -91.09	150.86 0.52 -98.10	148.83 0.47 -101.22	148.11 0.52 -100.66	148.36 0.53 -99.45	158.44 0.46 -111.63	187.49 0.62 -125.28	253.40 0.89 -171.35	235.78 0.88 -154.47	219.13 0.69 -149.73	180.96 1.41 -108.95	173.41 1.41 -101.47	157.88 1.48 -85.92	155.65 2.12 -82.88
GREENDGE_115KV_TB5 80291	79.51 -0.92 -9.83	76.46 -1.27 -7.34	77.36 -1.55 -8.67	77.17 -1.48 -8.33	78.13 -1.48 -9.29	75.98 -0.77 -12.56	83.96 -0.90 -15.96	75.06 -0.56 -25.08	71.86 -0.82 -21.17	65.69 -0.82 -21.18	75.53 -1.30 -17.72	69.90 -1.20 -18.87	65.26 -1.08 -19.20	65.03 -0.94 -19.04	66.22 -1.06 -18.90	67.10 -0.97 -21.73	83.71 -1.29 -23.40	107.04 -2.52 -28.39	102.98 -2.41 -24.97	90.72 -1.79 -23.79	86.28 -1.62 -17.30	85.47 -1.90 -16.84	83.19 -1.55 -14.26	83.27 -1.13 -13.74
GREENIDGE___3 23582	79.51 -0.92 -9.83	76.46 -1.27 -7.34	77.36 -1.55 -8.67	77.17 -1.48 -8.33	78.13 -1.48 -9.29	75.98 -0.77 -12.56	83.96 -0.90 -15.96	75.06 -0.56 -25.08	71.86 -0.82 -21.17	65.69 -0.82 -21.18	75.53 -1.30 -17.72	69.90 -1.20 -18.87	65.26 -1.08 -19.20	65.03 -0.94 -19.04	66.22 -1.06 -18.90	67.10 -0.97 -21.73	83.71 -1.29 -23.40	107.04 -2.52 -28.39	102.98 -2.41 -24.97	90.72 -1.79 -23.79	86.28 -1.62 -17.30	85.47 -1.90 -16.84	83.19 -1.55 -14.26	83.27 -1.13 -13.74
GREENIDGE___4 23583	79.59 -0.84 -9.83	76.46 -1.26 -7.34	77.36 -1.55 -8.67	77.10 -1.55 -8.33	78.13 -1.48 -9.29	75.98 -0.77 -12.56	83.96 -0.90 -15.96	75.06 -0.55 -25.08	71.86 -0.83 -21.17	65.69 -0.81 -21.18	75.58 -1.24 -17.72	69.90 -1.20 -18.87	65.26 -1.08 -19.20	64.98 -0.99 -19.04	66.22 -1.06 -18.90	67.10 -0.98 -21.73	83.34 -1.66 -23.40	107.12 -2.43 -28.39	102.99 -2.41 -24.97	90.65 -1.85 -23.79	86.26 -1.62 -17.28	85.52 -1.83 -16.83	82.89 -1.83 -14.25	83.34 -1.06 -13.74
GREENLWN_69_KV_BK 3 55738	123.04 6.92 -45.52	110.83 6.48 -33.97	116.28 5.90 -40.14	114.65 5.77 -38.56	118.90 5.55 -43.03	127.29 5.01 -58.10	147.77 5.03 -73.85	170.05 3.49 -116.03	153.36 3.92 -97.93	147.21 3.90 -97.99	146.31 5.20 -82.00	147.37 4.60 -90.54	144.75 4.24 -93.37	144.70 4.22 -93.54	147.31 4.31 -94.63	153.59 3.94 -103.30	199.15 5.42 -132.13	249.03 7.79 -160.07	217.67 7.40 -129.84	214.04 6.32 -139.01	191.91 7.27 -114.04	178.81 6.91 -101.37	144.08 7.61 -65.99	141.72 7.42 -63.65
GREENWD_138_KV_38B11_REV_LBMP_J 345004	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64
GRISSOM___SOLAR 323813	141.71 5.44 -65.68	124.53 5.14 -49.01	133.27 5.12 -57.90	131.16 5.20 -55.64	137.74 5.34 -62.08	152.75 4.75 -83.81	180.95 5.51 -106.55	222.06 4.14 -167.38	196.86 4.07 -141.27	189.67 2.99 -141.35	181.03 3.67 -118.26	181.13 2.98 -125.92	177.84 2.54 -128.15	176.55 2.58 -127.03	177.25 2.71 -126.16	194.44 3.06 -145.04	222.32 4.49 -156.22	277.40 6.25 -189.99	257.98 6.35 -171.21	239.70 5.08 -165.91	196.99 5.79 -120.60	188.65 5.71 -112.41	171.09 5.43 -95.18	167.62 5.16 -91.81
GROVEVILLE___HYD 323602	122.18 6.00 -45.57	110.17 5.77 -34.01	115.90 5.48 -40.18	114.34 5.41 -38.61	118.67 5.27 -43.08	126.84 4.49 -58.16	147.79 4.96 -73.94	170.43 3.74 -116.15	153.46 3.92 -98.03	146.95 3.54 -98.09	145.66 4.49 -82.06	143.48 3.87 -87.38	139.56 3.49 -88.93	138.52 3.43 -88.15	139.51 3.58 -87.55	150.35 3.38 -100.61	174.84 4.87 -108.37	219.77 6.82 -131.79	205.84 6.68 -118.74	189.39 5.63 -115.04	161.04 6.78 -83.66	154.82 6.28 -78.01	142.87 6.34 -66.05	140.65 6.29 -63.71
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	76.05 0.07 -5.38	74.26 -0.14 -4.02	74.70 -0.28 -4.75	74.67 -0.21 -4.56	75.26 -0.14 -5.09	71.01 -0.06 -6.89	77.79 0.14 -8.76	64.40 0.10 -13.76	63.18 0.05 -11.61	56.99 0.05 -11.62	68.89 0.06 -9.72	62.63 0.05 -10.35	57.72 0.05 -10.53	57.47 0.09 -10.44	58.79 0.05 -10.37	58.31 0.05 -11.92	74.50 0.06 -12.84	96.86 0.08 -15.61	94.58 0.08 -14.07	82.35 0.00 -13.64	80.66 0.14 -9.92	79.70 -0.07 -9.24	78.30 0.00 -7.82	78.25 0.07 -7.52

HAMLTNNY_34_KV_TB 80303	76.81 0.35 -5.85	74.89 0.14 -4.37	75.40 0.00 -5.16	75.34 0.07 -4.96	75.92 0.07 -5.53	71.93 0.26 -7.49	78.82 0.41 -9.52	65.84 0.35 -14.95	64.39 0.26 -12.62	58.18 0.23 -12.62	69.91 0.24 -10.56	63.69 0.21 -11.25	58.82 0.24 -11.45	58.56 0.28 -11.35	59.89 0.24 -11.27	59.53 0.23 -12.95	75.86 0.31 -13.95	98.53 0.41 -16.96	96.12 0.40 -15.29	83.81 0.27 -14.82	81.73 0.35 -10.78	80.78 0.21 -10.04	79.19 0.21 -8.50	79.19 0.35 -8.18
HAMPSHIRE___PAPER_HYD 323593	69.88 -1.98 -1.25	69.35 -1.97 -0.93	69.45 -1.89 -1.10	69.48 -1.90 -1.06	69.53 -1.97 -1.18	62.36 -3.79 -1.96	67.52 -3.86 -2.49	51.82 -2.63 -3.91	52.03 -2.78 -3.30	46.05 -2.58 -3.30	58.50 -3.37 -2.76	52.35 -2.82 -2.94	47.26 -2.88 -3.00	46.95 -2.96 -2.97	48.37 -2.95 -2.95	47.00 -2.73 -3.39	61.61 -3.63 -3.65	79.76 -5.84 -4.44	79.20 -5.23 -4.00	68.74 -3.85 -3.88	71.49 -1.41 -2.30	71.19 -1.48 -2.14	70.53 -1.76 -1.81	70.35 -2.05 -1.75
HARDSCRABBLE_WT_PWR 323673	72.15 1.55 0.00	71.79 1.41 0.00	71.57 1.33 0.00	71.58 1.27 0.00	71.58 1.27 0.00	64.96 0.77 0.00	69.72 0.83 0.00	51.04 0.51 0.00	52.03 0.52 0.00	45.74 0.41 0.00	59.64 0.53 0.00	52.70 0.47 0.00	47.56 0.42 0.00	47.36 0.42 0.00	48.81 0.43 0.00	46.76 0.42 0.00	62.21 0.62 0.00	81.89 0.73 0.00	81.23 0.80 0.00	69.47 0.76 0.00	71.87 1.27 0.00	71.87 1.34 0.00	71.89 1.41 0.00	72.07 1.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	118.28 4.94 -42.73	106.92 4.65 -31.89	112.27 4.35 -37.68	110.88 4.36 -36.20	114.93 4.22 -40.40	122.19 3.47 -54.54	142.08 3.86 -69.33	162.38 2.93 -108.91	146.58 3.14 -91.92	140.25 2.95 -91.97	139.78 3.72 -76.95	137.41 3.24 -81.94	133.45 2.92 -83.39	132.46 2.86 -82.66	133.47 3.00 -82.09	143.52 2.83 -94.34	167.28 4.07 -101.62	210.34 5.60 -123.58	197.22 5.47 -111.33	181.24 4.67 -107.86	154.75 5.72 -78.44	148.90 5.22 -73.15	137.70 5.29 -61.94	135.62 5.23 -59.74
HARSNRAD_115KV_TB1 81005	72.20 -5.79 -7.39	69.85 -6.05 -5.52	70.36 -6.39 -6.52	70.18 -6.40 -6.26	71.04 -6.26 -6.99	68.69 -4.94 -9.44	74.56 -6.34 -12.01	64.09 -5.31 -18.86	61.56 -5.87 -15.92	56.04 -5.21 -15.93	65.64 -6.80 -13.33	60.31 -6.11 -14.19	56.16 -5.42 -14.44	55.99 -5.26 -14.31	56.98 -5.61 -14.22	57.36 -5.33 -16.34	71.93 -7.27 -17.60	92.76 -9.58 -21.18	87.95 -9.57 -17.09	75.64 -8.31 -15.25	72.79 -8.90 -11.09	74.45 -8.75 -12.67	73.24 -7.96 -10.73	74.63 -6.36 -10.33
HARZA MOOSE___RIVER 24016	73.27 1.06 -1.61	72.50 0.92 -1.20	72.58 0.91 -1.42	72.60 0.91 -1.37	72.83 0.98 -1.52	66.69 0.32 -2.19	72.22 0.55 -2.78	55.46 0.56 -4.37	55.72 0.52 -3.69	49.38 0.36 -3.69	62.61 0.41 -3.09	55.99 0.47 -3.29	50.81 0.33 -3.34	50.53 0.28 -3.31	52.01 0.34 -3.29	50.55 0.42 -3.78	66.23 0.55 -4.08	86.85 0.73 -4.96	85.78 0.88 -4.47	73.73 0.69 -4.33	75.37 1.62 -3.15	75.02 1.55 -2.93	74.23 1.27 -2.48	73.97 1.06 -2.26
HDSNBRDG_115KV_BRDG_TB1 355580	74.57 -0.78 -4.75	73.01 -0.92 -3.54	73.44 -0.98 -4.18	73.35 -0.98 -4.02	73.82 -0.98 -4.49	69.50 -0.77 -6.08	75.93 -0.69 -7.73	62.17 -0.51 -12.14	61.19 -0.57 -10.25	55.08 -0.50 -10.25	67.03 -0.65 -8.58	60.79 -0.57 -9.13	55.96 -0.47 -9.29	55.68 -0.47 -9.21	57.04 -0.48 -9.15	56.35 -0.51 -10.52	72.25 -0.68 -11.33	94.05 -0.89 -13.78	91.96 -0.88 -12.42	79.92 -0.82 -12.04	78.65 -0.71 -8.75	77.84 -0.85 -8.15	76.54 -0.85 -6.90	76.58 -0.71 -6.63
HELLGATE_13_KV_LD 55870	122.34 6.21 -45.53	110.13 5.77 -33.97	115.93 5.55 -40.14	114.30 5.41 -38.57	118.69 5.34 -43.03	126.71 4.43 -58.10	147.35 4.62 -73.84	169.88 3.34 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.78 3.82 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.53 6.74 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	161.01 6.85 -83.56	154.87 6.42 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	122.34 6.21 -45.53	110.13 5.77 -33.97	115.93 5.55 -40.14	114.30 5.41 -38.57	118.69 5.34 -43.03	126.71 4.43 -58.10	147.35 4.62 -73.84	169.88 3.34 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.06 4.61 -88.34	152.10 4.13 -95.75	139.78 3.82 -88.83	138.74 3.75 -88.05	139.69 3.87 -87.45	154.00 3.62 -104.03	195.74 4.99 -129.16	219.53 6.74 -131.63	205.53 6.51 -118.59	189.25 5.63 -114.91	161.01 6.85 -83.56	154.87 6.42 -77.92	142.94 6.48 -65.98	140.86 6.57 -63.64
HEMPSTEAD____ 23647	122.76 6.63 -45.52	110.55 6.20 -33.97	116.06 5.69 -40.14	114.43 5.55 -38.56	118.69 5.34 -43.03	126.84 4.56 -58.10	147.50 4.75 -73.85	170.20 3.64 -116.03	153.31 3.87 -97.93	147.12 3.81 -97.98	145.95 4.85 -82.00	147.06 4.28 -90.54	144.51 4.00 -93.36	144.46 3.99 -93.53	147.11 4.11 -94.62	153.49 3.84 -103.30	198.95 5.23 -132.12	248.37 7.14 -160.06	217.10 6.83 -129.84	213.55 5.84 -139.01	191.69 7.06 -114.03	178.81 6.92 -101.36	143.37 6.91 -65.98	141.15 6.85 -63.64
HEWLETT_69_KV_BK3 55828	123.40 7.27 -45.52	111.26 6.90 -33.97	116.70 6.32 -40.14	115.07 6.19 -38.56	119.33 5.98 -43.03	127.55 5.26 -58.10	148.33 5.58 -73.85	170.76 4.19 -116.02	153.92 4.48 -97.93	147.57 4.26 -97.98	146.66 5.56 -81.99	147.68 4.91 -90.54	144.98 4.48 -93.36	144.93 4.46 -93.53	147.59 4.60 -94.62	154.00 4.36 -103.30	199.69 5.98 -132.12	249.09 7.87 -160.06	218.14 7.88 -129.84	214.45 6.73 -139.00	192.61 7.98 -114.03	179.51 7.62 -101.37	144.28 7.82 -65.98	141.99 7.70 -63.64
HICKLING___1 23621	82.06 -0.99 -12.44	78.33 -1.34 -9.29	79.67 -1.55 -10.97	79.31 -1.55 -10.54	80.53 -1.55 -11.76	79.12 -0.96 -15.89	87.99 -1.10 -20.20	81.31 -0.96 -31.74	77.06 -1.24 -26.79	71.00 -1.13 -26.80	79.93 -1.60 -22.42	74.65 -1.46 -23.88	70.16 -1.27 -24.30	69.85 -1.17 -24.09	71.04 -1.26 -23.92	72.63 -1.21 -27.49	89.67 -1.54 -29.61	114.96 -2.11 -35.91	109.79 -2.09 -31.46	96.74 -1.86 -29.89	90.57 -1.77 -21.73	89.80 -2.05 -21.31	86.76 -1.76 -18.05	86.85 -1.20 -17.40
HICKLING___2 23622	82.06 -0.99 -12.44	78.33 -1.34 -9.29	79.67 -1.55 -10.97	79.31 -1.55 -10.54	80.53 -1.55 -11.76	79.12 -0.96 -15.89	87.99 -1.10 -20.20	81.31 -0.96 -31.74	77.06 -1.24 -26.79	71.00 -1.13 -26.80	79.93 -1.60 -22.42	74.65 -1.46 -23.88	70.16 -1.27 -24.30	69.85 -1.17 -24.09	71.04 -1.26 -23.92	72.63 -1.21 -27.49	89.67 -1.54 -29.61	114.96 -2.11 -35.91	109.79 -2.09 -31.46	96.74 -1.86 -29.89	90.57 -1.77 -21.73	89.80 -2.05 -21.31	86.76 -1.76 -18.05	86.85 -1.20 -17.40
HIGH FALLS___HY 23754	123.21 7.13 -45.48	111.22 6.90 -33.94	116.80 6.46 -40.09	115.31 6.47 -38.52	119.70 6.40 -42.99	127.87 5.65 -58.04	149.08 6.41 -73.78	171.24 4.80 -115.90	154.28 4.95 -97.82	147.65 4.44 -97.88	146.55 5.56 -81.89	144.13 4.70 -87.20	140.07 4.20 -88.74	139.03 4.13 -87.96	140.04 4.31 -87.36	150.91 4.17 -100.39	175.89 6.16 -108.13	221.27 8.60 -131.50	207.42 8.53 -118.47	190.71 7.21 -114.79	162.48 8.40 -83.48	155.92 7.55 -77.84	144.07 7.68 -65.91	141.72 7.49 -63.57
HIGH_RIVER___SOLAR 323847	137.99 3.81 -63.58	121.49 3.66 -47.44	129.87 3.58 -56.05	127.83 3.65 -53.86	134.14 3.72 -60.10	148.40 3.08 -81.13	175.54 3.51 -103.14	215.14 2.58 -162.03	190.79 2.52 -136.76	183.92 1.77 -136.83	175.71 2.12 -114.48	175.85 1.72 -121.90	172.70 1.51 -124.06	171.46 1.55 -122.97	172.15 1.65 -122.13	188.74 1.99 -140.40	215.85 3.02 -151.23	269.14 4.06 -183.92	250.19 4.02 -165.75	232.63 3.30 -160.62	191.31 3.95 -116.76	183.22 3.88 -108.81	166.42 3.80 -92.14	163.20 3.67 -88.87

HILLBURN___GT 23639	118.73 4.80 -43.32	107.22 4.51 -32.33	112.65 4.21 -38.19	111.23 4.22 -36.70	115.34 4.08 -40.95	122.81 3.34 -55.28	142.82 3.65 -70.28	163.77 2.83 -110.41	147.69 2.99 -93.19	141.42 2.86 -93.24	140.72 3.61 -78.01	138.48 3.19 -83.06	134.60 2.92 -84.53	133.64 2.91 -83.80	134.60 3.00 -83.22	144.82 2.83 -95.64	168.56 3.95 -103.02	211.88 5.44 -125.28	198.51 5.22 -112.86	182.52 4.46 -109.35	155.69 5.58 -79.51	150.03 5.36 -74.15	138.55 5.29 -62.78	136.44 5.23 -60.56
HILLSIDE_115KV_TB1 80332	81.64 -1.84 -12.87	77.88 -2.11 -9.61	79.27 -2.32 -11.35	78.97 -2.25 -10.90	80.23 -2.25 -12.17	78.89 -1.73 -16.44	87.79 -2.00 -20.90	81.75 -1.62 -32.83	77.37 -1.85 -27.71	71.37 -1.68 -27.72	80.06 -2.25 -23.19	74.89 -2.04 -24.70	70.48 -1.79 -25.14	70.16 -1.69 -24.92	71.33 -1.79 -24.74	73.07 -1.71 -28.44	90.01 -2.22 -30.63	115.31 -3.00 -37.15	110.07 -2.98 -32.62	97.14 -2.61 -31.05	90.64 -2.54 -22.58	89.76 -2.82 -22.05	86.61 -2.54 -18.67	86.67 -1.98 -17.99
HISHELDN_WT_PWR 323625	74.64 -4.73 -8.76	71.79 -5.14 -6.54	72.56 -5.41 -7.73	72.26 -5.48 -7.42	73.12 -5.48 -8.28	71.08 -4.30 -11.20	77.61 -5.51 -14.23	68.35 -4.55 -22.36	65.39 -5.00 -18.87	59.68 -4.53 -18.88	68.94 -5.97 -15.80	63.67 -5.38 -16.82	59.45 -4.81 -17.12	59.21 -4.69 -16.97	60.29 -4.93 -16.85	61.08 -4.63 -19.37	76.12 -6.34 -20.86	98.19 -8.12 -25.14	92.92 -8.12 -20.61	80.12 -7.21 -18.63	76.72 -7.41 -13.53	78.19 -7.34 -15.00	76.48 -6.70 -12.70	77.53 -5.37 -12.25
HOLTSVILLE_IC_1 23690	124.38 8.26 -45.52	112.03 7.67 -33.97	117.40 7.02 -40.14	115.78 6.89 -38.56	120.03 6.68 -43.03	128.38 6.10 -58.10	149.08 6.33 -73.85	171.32 4.75 -116.03	154.50 5.05 -97.94	148.21 4.90 -97.99	147.32 6.20 -82.00	148.26 5.48 -90.55	145.60 5.09 -93.37	145.55 5.07 -93.54	148.28 5.27 -94.63	154.66 5.01 -103.31	200.51 6.78 -132.13	250.49 9.25 -160.08	219.20 8.93 -129.85	215.42 7.69 -139.02	193.53 8.90 -114.04	180.65 8.74 -101.37	145.27 8.81 -65.99	142.99 8.69 -63.65
HOLTSVILLE_IC_10 23699	124.88 8.75 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.83 6.55 -58.10	149.57 6.82 -73.85	171.73 5.16 -116.03	154.91 5.46 -97.94	148.53 5.21 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.93 5.42 -93.37	145.92 5.44 -93.54	148.66 5.66 -94.63	155.03 5.37 -103.31	200.99 7.27 -132.13	251.22 9.98 -160.08	219.92 9.65 -129.85	216.04 8.31 -139.02	194.10 9.46 -114.04	181.28 9.38 -101.37	145.84 9.37 -65.99	143.56 9.25 -63.65
HOLTSVILLE_IC_2 23691	124.38 8.26 -45.52	112.03 7.67 -33.97	117.40 7.02 -40.14	115.78 6.89 -38.56	120.03 6.68 -43.03	128.38 6.10 -58.10	149.08 6.33 -73.85	171.32 4.75 -116.03	154.50 5.05 -97.94	148.21 4.90 -97.99	147.32 6.20 -82.00	148.26 5.48 -90.55	145.60 5.09 -93.37	145.55 5.07 -93.54	148.28 5.27 -94.63	154.66 5.01 -103.31	200.51 6.78 -132.13	250.49 9.25 -160.08	219.20 8.93 -129.85	215.42 7.69 -139.02	193.53 8.90 -114.04	180.65 8.74 -101.37	145.27 8.81 -65.99	142.99 8.69 -63.65
HOLTSVILLE_IC_3 23692	124.38 8.26 -45.52	112.03 7.67 -33.97	117.40 7.02 -40.14	115.78 6.89 -38.56	120.03 6.68 -43.03	128.38 6.10 -58.10	149.08 6.33 -73.85	171.32 4.75 -116.03	154.50 5.05 -97.94	148.21 4.90 -97.99	147.32 6.20 -82.00	148.26 5.48 -90.55	145.60 5.09 -93.37	145.55 5.07 -93.54	148.28 5.27 -94.63	154.66 5.01 -103.31	200.51 6.78 -132.13	250.49 9.25 -160.08	219.20 8.93 -129.85	215.42 7.69 -139.02	193.53 8.90 -114.04	180.65 8.74 -101.37	145.27 8.81 -65.99	142.99 8.69 -63.65
HOLTSVILLE_IC_4 23693	124.38 8.26 -45.52	112.03 7.67 -33.97	117.40 7.02 -40.14	115.78 6.89 -38.56	120.03 6.68 -43.03	128.38 6.10 -58.10	149.08 6.33 -73.85	171.32 4.75 -116.03	154.50 5.05 -97.94	148.21 4.90 -97.99	147.32 6.20 -82.00	148.26 5.48 -90.55	145.60 5.09 -93.37	145.55 5.07 -93.54	148.28 5.27 -94.63	154.66 5.01 -103.31	200.51 6.78 -132.13	250.49 9.25 -160.08	219.20 8.93 -129.85	215.42 7.69 -139.02	193.53 8.90 -114.04	180.65 8.74 -101.37	145.27 8.81 -65.99	142.99 8.69 -63.65
HOLTSVILLE_IC_5 23694	124.38 8.26 -45.52	112.03 7.67 -33.97	117.40 7.02 -40.14	115.78 6.89 -38.56	120.03 6.68 -43.03	128.38 6.10 -58.10	149.08 6.33 -73.85	171.32 4.75 -116.03	154.50 5.05 -97.94	148.21 4.90 -97.99	147.32 6.20 -82.00	148.26 5.48 -90.55	145.60 5.09 -93.37	145.55 5.07 -93.54	148.28 5.27 -94.63	154.66 5.01 -103.31	200.51 6.78 -132.13	250.49 9.25 -160.08	219.20 8.93 -129.85	215.42 7.69 -139.02	193.53 8.90 -114.04	180.65 8.74 -101.37	145.27 8.81 -65.99	142.99 8.69 -63.65
HOLTSVILLE_IC_6 23695	124.88 8.75 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.83 6.55 -58.10	149.57 6.82 -73.85	171.73 5.16 -116.03	154.91 5.46 -97.94	148.53 5.21 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.93 5.42 -93.37	145.92 5.44 -93.54	148.66 5.66 -94.63	155.03 5.37 -103.31	200.99 7.27 -132.13	251.22 9.98 -160.08	219.92 9.65 -129.85	216.04 8.31 -139.02	194.10 9.46 -114.04	181.28 9.38 -101.37	145.84 9.37 -65.99	143.56 9.25 -63.65
HOLTSVILLE_IC_7 23696	124.88 8.75 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.83 6.55 -58.10	149.57 6.82 -73.85	171.73 5.16 -116.03	154.91 5.46 -97.94	148.53 5.21 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.93 5.42 -93.37	145.92 5.44 -93.54	148.66 5.66 -94.63	155.03 5.37 -103.31	200.99 7.27 -132.13	251.22 9.98 -160.08	219.92 9.65 -129.85	216.04 8.31 -139.02	194.10 9.46 -114.04	181.28 9.38 -101.37	145.84 9.37 -65.99	143.56 9.25 -63.65
HOLTSVILLE_IC_8 23697	124.88 8.75 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.83 6.55 -58.10	149.57 6.82 -73.85	171.73 5.16 -116.03	154.91 5.46 -97.94	148.53 5.21 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.93 5.42 -93.37	145.92 5.44 -93.54	148.66 5.66 -94.63	155.03 5.37 -103.31	200.99 7.27 -132.13	251.22 9.98 -160.08	219.92 9.65 -129.85	216.04 8.31 -139.02	194.10 9.46 -114.04	181.28 9.38 -101.37	145.84 9.37 -65.99	143.56 9.25 -63.65
HOLTSVILLE_IC_9 23698	124.88 8.75 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.83 6.55 -58.10	149.57 6.82 -73.85	171.73 5.16 -116.03	154.91 5.46 -97.94	148.53 5.21 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.93 5.42 -93.37	145.92 5.44 -93.54	148.66 5.66 -94.63	155.03 5.37 -103.31	200.99 7.27 -132.13	251.22 9.98 -160.08	219.92 9.65 -129.85	216.04 8.31 -139.02	194.10 9.46 -114.04	181.28 9.38 -101.37	145.84 9.37 -65.99	143.56 9.25 -63.65
HOMER_HL_115KV_TB2 355744	73.46 -6.35 -9.21	70.50 -6.76 -6.87	71.34 -7.02 -8.12	71.09 -7.03 -7.80	72.06 -6.96 -8.71	70.30 -5.65 -11.76	77.16 -6.68 -14.95	68.72 -5.31 -23.49	65.57 -5.77 -19.83	60.05 -5.12 -19.84	68.97 -6.74 -16.60	63.90 -6.01 -17.67	59.80 -5.33 -17.99	59.56 -5.21 -17.83	60.62 -5.47 -17.71	61.51 -5.19 -20.35	76.62 -6.90 -21.92	98.50 -9.09 -26.43	93.17 -9.09 -21.83	80.65 -7.90 -19.84	76.91 -8.12 -14.43	77.85 -8.46 -15.78	75.80 -8.03 -13.36	76.75 -6.78 -12.87
HOWARD_WT_PWR 323690	77.37 -3.60 -10.36	74.18 -3.94 -7.73	74.95 -4.42 -9.14	74.53 -4.57 -8.78	75.54 -4.57 -9.80	73.96 -3.47 -13.24	81.72 -4.00 -16.83	73.84 -3.13 -26.43	70.27 -3.55 -22.31	64.34 -3.31 -22.32	73.29 -4.49 -18.68	67.99 -4.13 -19.89	63.65 -3.72 -20.24	63.34 -3.66 -20.06	64.58 -3.72 -19.92	65.77 -3.48 -22.90	81.64 -4.62 -24.66	105.27 -5.76 -29.86	100.47 -5.71 -25.75	87.89 -5.01 -24.19	83.09 -5.08 -17.57	82.98 -5.29 -17.74	80.42 -5.08 -15.02	80.90 -4.24 -14.49

HQ_GEN_CEDARS 23644	69.40 -1.20 0.00	69.33 -1.06 0.00	69.26 -0.98 0.00	69.33 -0.98 0.00	69.19 -1.13 0.00	60.78 -4.49 -1.08	65.38 -4.89 -1.38	49.26 -3.44 -2.16	49.68 -3.66 -1.83	43.80 -3.35 -1.83	56.50 -4.14 -1.53	50.31 -3.55 -1.63	44.98 -3.82 -1.66	44.64 -3.94 -1.64	46.09 -3.92 -1.63	44.47 -3.75 -1.87	58.69 -4.93 -2.02	76.31 -7.30 -2.45	75.96 -6.68 -2.21	65.56 -5.29 -2.14	70.96 -1.20 -1.56	70.93 -1.06 -1.45	70.51 -1.20 -1.23	69.24 -1.41 0.00
HQ_GEN_CEDARS_PROXY 323590	69.33 -1.27 0.00	69.33 -1.05 0.00	69.26 -0.98 0.00	69.33 -0.98 0.00	69.19 -1.13 0.00	60.78 -4.49 -1.08	65.38 -4.89 -1.38	49.26 -3.44 -2.16	49.68 -3.66 -1.83	43.80 -3.35 -1.83	56.50 -4.14 -1.53	50.26 -3.60 -1.63	44.98 -3.82 -1.66	44.68 -3.90 -1.64	46.09 -3.92 -1.63	44.47 -3.75 -1.87	58.69 -4.93 -2.02	75.01 -8.61 -2.45	75.00 -7.64 -2.21	65.57 -5.29 -2.14	69.33 -1.27 0.00	69.33 -1.20 0.00	69.19 -1.34 -0.05	69.11 -1.49 0.05
HQ_GEN_IMPORT 323601	69.40 -1.20 0.00	69.40 -0.99 0.00	69.40 -0.84 0.00	69.40 -0.92 0.00	69.40 -0.92 0.00	59.44 -4.75 0.00	63.65 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.37 -3.86 0.00	43.13 -4.01 0.00	42.85 -4.08 0.00	44.26 -4.11 0.00	42.36 -3.99 0.00	56.36 -5.24 0.00	72.32 -8.84 0.00	72.55 -7.88 0.00	63.08 -5.63 0.00	69.40 -1.20 0.00	69.40 -1.13 0.00	69.40 -1.13 -0.05	69.40 -1.20 0.05
HQ_GEN_WHEEL 23651	69.40 -1.20 0.00	69.40 -0.99 0.00	69.40 -0.84 0.00	69.40 -0.92 0.00	69.40 -0.92 0.00	59.44 -4.75 0.00	63.65 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.37 -3.86 0.00	43.13 -4.01 0.00	42.85 -4.08 0.00	44.26 -4.11 0.00	42.36 -3.99 0.00	56.36 -5.24 0.00	72.32 -8.84 0.00	72.55 -7.88 0.00	63.08 -5.63 0.00	69.40 -1.20 0.00	69.40 -1.13 0.00	69.40 -1.13 -0.05	69.40 -1.20 0.05
HUDSON_AVE_GT_3 23810	121.98 5.86 -45.51	109.77 5.42 -33.96	115.49 5.13 -40.13	113.93 5.06 -38.56	118.26 4.92 -43.02	126.31 4.04 -58.08	147.00 4.27 -73.84	169.87 3.34 -116.00	153.03 3.61 -97.90	146.78 3.49 -97.96	145.44 4.37 -81.95	143.42 3.92 -87.27	139.58 3.63 -88.81	138.54 3.57 -88.04	139.49 3.68 -87.43	150.31 3.48 -100.48	174.64 4.80 -108.23	219.36 6.57 -131.62	205.28 6.27 -118.58	188.96 5.36 -114.89	160.72 6.57 -83.55	154.57 6.14 -77.90	142.65 6.20 -65.97	140.57 6.29 -63.62
HUDSON_AVE_GT_4 23540	121.98 5.86 -45.51	109.77 5.42 -33.96	115.49 5.13 -40.13	113.93 5.06 -38.56	118.26 4.92 -43.02	126.31 4.04 -58.08	147.00 4.27 -73.84	169.87 3.34 -116.00	153.03 3.61 -97.90	146.78 3.49 -97.96	145.44 4.37 -81.95	143.42 3.92 -87.27	139.58 3.63 -88.81	138.54 3.57 -88.04	139.49 3.68 -87.43	150.31 3.48 -100.48	174.64 4.80 -108.23	219.36 6.57 -131.62	205.28 6.27 -118.58	188.96 5.36 -114.89	160.72 6.57 -83.55	154.57 6.14 -77.90	142.65 6.20 -65.97	140.57 6.29 -63.62
HUDSON_AVE_GT_5 23657	121.98 5.86 -45.51	109.77 5.42 -33.96	115.49 5.13 -40.13	113.93 5.06 -38.56	118.26 4.92 -43.02	126.31 4.04 -58.08	147.00 4.27 -73.84	169.87 3.34 -116.00	153.03 3.61 -97.90	146.78 3.49 -97.96	145.44 4.37 -81.95	143.42 3.92 -87.27	139.58 3.63 -88.81	138.54 3.57 -88.04	139.49 3.68 -87.43	150.31 3.48 -100.48	174.64 4.80 -108.23	219.36 6.57 -131.62	205.28 6.27 -118.58	188.96 5.36 -114.89	160.72 6.57 -83.55	154.57 6.14 -77.90	142.65 6.20 -65.97	140.57 6.29 -63.62
HUDSON_AVE_10 24168	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.13	113.79 4.92 -38.56	118.12 4.78 -43.02	126.19 3.92 -58.08	146.86 4.13 -73.84	169.77 3.23 -116.00	152.97 3.55 -97.90	146.73 3.44 -97.96	145.32 4.26 -81.95	143.31 3.81 -87.27	139.49 3.54 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	150.17 3.34 -100.48	174.51 4.68 -108.23	219.20 6.41 -131.62	205.20 6.19 -118.58	188.89 5.29 -114.89	160.57 6.42 -83.55	154.43 6.00 -77.90	142.57 6.13 -65.97	140.50 6.22 -63.62
HUDSON___115KV_TB 4 355613	131.90 3.67 -57.63	116.98 3.59 -43.00	124.56 3.51 -50.80	122.65 3.52 -48.82	128.30 3.52 -54.47	140.10 2.37 -73.54	164.99 2.62 -93.48	179.91 1.67 -127.70	163.80 1.65 -110.64	159.26 1.22 -112.71	152.42 1.54 -91.77	152.10 1.31 -98.57	149.59 1.08 -101.37	148.79 1.13 -100.73	149.23 1.21 -99.65	160.07 1.25 -112.47	188.52 1.91 -125.01	250.50 2.76 -166.57	233.49 2.90 -150.17	216.53 2.27 -145.56	179.60 3.11 -105.90	171.98 2.82 -98.63	156.88 2.89 -83.52	154.81 3.60 -80.56
HUNTER MOUNT___DRP 323613	130.23 3.81 -55.82	115.77 3.73 -41.65	123.03 3.58 -49.21	121.25 3.66 -47.28	126.73 3.66 -52.76	137.98 2.57 -71.23	162.33 2.89 -90.55	179.21 1.92 -126.76	162.72 1.91 -109.30	157.67 1.36 -110.98	151.57 1.65 -90.81	150.92 1.31 -97.38	148.18 1.08 -99.96	147.35 1.13 -99.28	147.87 1.21 -98.29	158.95 1.30 -111.30	186.76 2.16 -123.01	245.68 3.17 -161.35	229.12 3.30 -145.40	212.22 2.61 -140.90	176.56 3.46 -102.50	169.17 3.10 -95.54	154.61 3.24 -80.89	152.35 3.67 -78.03
HUNTINGTON_RES_REC 323705	123.96 7.84 -45.52	111.61 7.25 -33.97	116.98 6.60 -40.14	115.35 6.46 -38.56	119.61 6.26 -43.03	127.99 5.71 -58.10	148.53 5.79 -73.85	170.81 4.25 -116.03	154.03 4.58 -97.93	147.89 4.58 -97.99	146.96 5.85 -82.00	147.95 5.17 -90.55	145.32 4.81 -93.37	145.26 4.79 -93.54	147.94 4.94 -94.63	154.29 4.63 -103.31	199.94 6.22 -132.13	250.16 8.93 -160.07	218.71 8.44 -129.84	215.00 7.28 -139.01	192.89 8.26 -114.03	180.15 8.25 -101.37	144.77 8.31 -65.98	142.63 8.33 -63.65
HUNTLEY___63 23557	73.31 -4.94 -7.66	70.82 -5.28 -5.71	71.44 -5.55 -6.75	71.25 -5.55 -6.49	72.07 -5.48 -7.24	69.80 -4.17 -9.78	75.75 -5.58 -12.44	65.32 -4.75 -19.54	62.75 -5.25 -16.49	57.11 -4.71 -16.50	66.76 -6.15 -13.80	61.39 -5.54 -14.70	57.24 -4.86 -14.96	57.07 -4.69 -14.83	58.07 -5.03 -14.73	58.45 -4.82 -16.92	73.30 -6.53 -18.23	94.39 -8.68 -21.91	89.20 -8.69 -17.46	76.56 -7.56 -15.41	73.69 -8.12 -11.20	75.68 -7.97 -13.12	74.40 -7.19 -11.11	75.78 -5.58 -10.70
HUNTLEY___64 23558	73.31 -4.94 -7.66	70.82 -5.28 -5.71	71.44 -5.55 -6.75	71.25 -5.55 -6.49	72.07 -5.48 -7.24	69.80 -4.17 -9.78	75.75 -5.58 -12.44	65.32 -4.75 -19.54	62.75 -5.25 -16.49	57.11 -4.71 -16.50	66.76 -6.15 -13.80	61.39 -5.54 -14.70	57.24 -4.86 -14.96	57.07 -4.69 -14.83	58.07 -5.03 -14.73	58.45 -4.82 -16.92	73.30 -6.53 -18.23	94.39 -8.68 -21.91	89.20 -8.69 -17.46	76.56 -7.56 -15.41	73.69 -8.12 -11.20	75.68 -7.97 -13.12	74.40 -7.19 -11.11	75.78 -5.58 -10.70
HUNTLEY___65 23559	73.31 -4.94 -7.66	70.82 -5.28 -5.71	71.44 -5.55 -6.75	71.25 -5.55 -6.49	72.07 -5.48 -7.24	69.80 -4.17 -9.78	75.75 -5.58 -12.44	65.32 -4.75 -19.54	62.75 -5.25 -16.49	57.11 -4.71 -16.50	66.76 -6.15 -13.80	61.39 -5.54 -14.70	57.24 -4.86 -14.96	57.07 -4.69 -14.83	58.07 -5.03 -14.73	58.45 -4.82 -16.92	73.30 -6.53 -18.23	94.39 -8.68 -21.91	89.20 -8.69 -17.46	76.56 -7.56 -15.41	73.69 -8.12 -11.20	75.68 -7.97 -13.12	74.40 -7.19 -11.11	75.78 -5.58 -10.70
HUNTLEY___66 23560	73.31 -4.94 -7.66	70.82 -5.28 -5.71	71.44 -5.55 -6.75	71.25 -5.55 -6.49	72.07 -5.48 -7.24	69.80 -4.17 -9.78	75.75 -5.58 -12.44	65.32 -4.75 -19.54	62.75 -5.25 -16.49	57.11 -4.71 -16.50	66.76 -6.15 -13.80	61.39 -5.54 -14.70	57.24 -4.86 -14.96	57.07 -4.69 -14.83	58.07 -5.03 -14.73	58.45 -4.82 -16.92	73.30 -6.53 -18.23	94.39 -8.68 -21.91	89.20 -8.69 -17.46	76.56 -7.56 -15.41	73.69 -8.12 -11.20	75.68 -7.97 -13.12	74.40 -7.19 -11.11	75.78 -5.58 -10.70

HUNTLEY___67 23561	73.18 -5.22 -7.80	70.65 -5.56 -5.82	71.29 -5.83 -6.88	71.09 -5.84 -6.61	71.92 -5.77 -7.37	69.66 -4.49 -9.97	75.71 -5.86 -12.67	65.49 -4.95 -19.91	62.86 -5.46 -16.80	57.29 -4.85 -16.81	66.85 -6.32 -14.06	61.46 -5.75 -14.98	57.34 -5.04 -15.24	57.16 -4.88 -15.11	58.16 -5.22 -15.00	58.63 -4.96 -17.24	73.40 -6.78 -18.57	94.45 -9.01 -22.30	89.05 -8.93 -17.55	76.27 -7.76 -15.33	73.49 -8.26 -11.15	75.72 -8.18 -13.37	74.47 -7.33 -11.32	75.77 -5.79 -10.91
HUNTLEY___68 23562	73.18 -5.22 -7.80	70.65 -5.56 -5.82	71.29 -5.83 -6.88	71.09 -5.84 -6.61	71.92 -5.77 -7.37	69.66 -4.49 -9.97	75.71 -5.86 -12.67	65.49 -4.95 -19.91	62.86 -5.46 -16.80	57.29 -4.85 -16.81	66.85 -6.32 -14.06	61.46 -5.75 -14.98	57.34 -5.04 -15.24	57.16 -4.88 -15.11	58.16 -5.22 -15.00	58.63 -4.96 -17.24	73.40 -6.78 -18.57	94.45 -9.01 -22.30	89.05 -8.93 -17.55	76.27 -7.76 -15.33	73.49 -8.26 -11.15	75.72 -8.18 -13.37	74.47 -7.33 -11.32	75.77 -5.79 -10.91
HYLAND___LFGE 323620	80.20 1.06 -8.54	77.25 0.50 -6.37	77.77 0.00 -7.53	77.62 0.07 -7.23	78.53 0.14 -8.07	76.06 0.96 -10.91	84.00 1.24 -13.87	73.13 0.81 -21.79	70.21 0.31 -18.39	63.64 -0.09 -18.40	74.09 -0.41 -15.39	68.00 -0.62 -16.39	63.25 -0.56 -16.68	62.96 -0.52 -16.54	64.27 -0.53 -16.42	64.94 -0.28 -18.87	82.05 0.12 -20.33	106.70 0.89 -24.65	102.87 0.89 -21.56	89.51 0.35 -20.45	85.46 0.00 -14.86	85.01 -0.14 -14.62	82.71 -0.14 -12.38	83.15 0.56 -11.94
INDECK___CORINTH 23802	138.08 5.93 -61.55	122.01 5.70 -45.93	130.13 5.62 -54.26	128.01 5.55 -52.14	134.19 5.69 -58.18	147.67 4.94 -78.55	174.25 5.51 -99.85	230.44 2.73 -177.18	200.96 2.93 -146.51	192.01 2.22 -144.46	185.54 2.90 -123.54	185.44 2.56 -130.65	181.20 2.22 -131.84	179.57 2.21 -130.43	180.65 2.32 -129.95	200.28 2.32 -151.62	224.02 3.20 -159.22	263.68 4.30 -178.22	245.35 4.26 -160.66	227.67 3.23 -155.73	187.72 4.02 -113.10	179.82 3.95 -105.34	165.38 5.71 -89.20	162.28 5.58 -86.04
INDECK___ILION 23567	72.15 1.55 0.00	71.79 1.41 0.00	71.64 1.40 0.00	71.72 1.41 0.00	71.72 1.41 0.00	65.09 0.90 0.00	69.86 0.96 0.00	51.20 0.66 0.00	52.18 0.67 0.00	45.92 0.59 0.00	59.88 0.77 0.00	52.91 0.68 0.00	47.75 0.61 0.00	47.50 0.56 0.00	48.96 0.58 0.00	46.95 0.60 0.00	62.40 0.80 0.00	82.22 1.06 0.00	81.55 1.13 0.00	69.67 0.96 0.00	72.08 1.48 0.00	72.01 1.48 0.00	71.96 1.48 0.00	72.14 1.48 0.00
INDECK___OLEAN 23982	73.46 -6.35 -9.21	70.50 -6.76 -6.87	71.34 -7.02 -8.12	71.09 -7.03 -7.80	71.99 -7.03 -8.71	70.30 -5.65 -11.76	77.16 -6.68 -14.95	68.67 -5.36 -23.49	65.62 -5.72 -19.83	60.05 -5.12 -19.84	68.97 -6.74 -16.60	63.90 -6.00 -17.67	59.80 -5.33 -17.99	59.51 -5.26 -17.83	60.62 -5.47 -17.71	61.51 -5.19 -20.35	76.50 -7.02 -21.92	98.58 -9.01 -26.43	93.17 -9.09 -21.83	80.72 -7.83 -19.84	76.96 -8.05 -14.41	77.90 -8.39 -15.76	75.86 -7.96 -13.35	76.74 -6.78 -12.87
INDECK___OSWEGO 23783	72.10 -1.98 -3.47	70.87 -2.11 -2.59	71.12 -2.18 -3.06	71.08 -2.18 -2.94	71.42 -2.18 -3.28	66.66 -1.99 -4.46	72.50 -2.06 -5.67	57.98 -1.47 -8.91	57.49 -1.54 -7.52	51.49 -1.36 -7.52	63.63 -1.77 -6.29	57.37 -1.57 -6.70	52.59 -1.37 -6.82	52.33 -1.36 -6.76	53.64 -1.45 -6.71	52.72 -1.35 -7.72	68.06 -1.85 -8.31	88.91 -2.36 -10.11	87.20 -2.33 -9.11	75.48 -2.06 -8.83	75.08 -1.90 -6.38	74.50 -1.97 -5.94	73.46 -2.05 -5.03	73.53 -1.98 -4.85
INDECK___YERKES 23781	73.45 -4.80 -7.66	70.89 -5.21 -5.71	71.51 -5.48 -6.75	71.32 -5.48 -6.49	72.14 -5.41 -7.24	69.86 -4.11 -9.78	75.81 -5.51 -12.44	65.38 -4.70 -19.54	62.85 -5.15 -16.49	57.20 -4.62 -16.50	66.94 -5.97 -13.80	61.55 -5.38 -14.70	57.29 -4.81 -14.96	57.02 -4.74 -14.83	58.12 -4.98 -14.73	58.50 -4.77 -16.92	73.17 -6.65 -18.23	94.55 -8.52 -21.91	89.36 -8.53 -17.46	76.49 -7.63 -15.41	73.81 -7.98 -11.19	75.74 -7.90 -13.10	74.46 -7.12 -11.10	75.92 -5.44 -10.70
INDIAN POINT_GT_1 24139	120.74 5.08 -45.05	108.79 4.79 -33.62	114.53 4.57 -39.72	112.98 4.50 -38.16	117.26 4.36 -42.59	125.21 3.53 -57.49	145.84 3.86 -73.09	168.34 2.98 -114.82	151.62 3.19 -96.91	145.33 3.04 -96.96	144.07 3.84 -81.12	142.01 3.40 -86.38	138.16 3.11 -87.91	137.13 3.05 -87.14	138.12 3.19 -86.55	148.78 2.97 -99.46	172.86 4.13 -107.13	217.21 5.76 -130.28	203.35 5.55 -117.38	187.18 4.74 -113.73	159.16 5.86 -82.70	153.08 5.43 -77.11	141.27 5.50 -65.30	139.14 5.51 -62.98
INDIAN POINT_GT_2 23659	120.74 5.08 -45.05	108.79 4.79 -33.62	114.53 4.57 -39.72	112.98 4.50 -38.16	117.26 4.36 -42.59	125.21 3.53 -57.49	145.84 3.86 -73.09	168.34 2.98 -114.82	151.62 3.19 -96.91	145.33 3.04 -96.96	144.07 3.84 -81.12	142.01 3.40 -86.38	138.16 3.11 -87.91	137.13 3.05 -87.14	138.12 3.19 -86.55	148.78 2.97 -99.46	172.86 4.13 -107.13	217.21 5.76 -130.28	203.35 5.55 -117.38	187.18 4.74 -113.73	159.16 5.86 -82.70	153.08 5.43 -77.11	141.27 5.50 -65.30	139.14 5.51 -62.98
INDIAN POINT_GT_3 24019	120.74 5.08 -45.05	108.79 4.79 -33.62	114.53 4.57 -39.72	112.98 4.50 -38.16	117.26 4.36 -42.59	125.21 3.53 -57.49	145.84 3.86 -73.09	168.34 2.98 -114.82	151.62 3.19 -96.91	145.33 3.04 -96.96	144.07 3.84 -81.12	142.01 3.40 -86.38	138.16 3.11 -87.91	137.13 3.05 -87.14	138.12 3.19 -86.55	148.78 2.97 -99.46	172.86 4.13 -107.13	217.21 5.76 -130.28	203.35 5.55 -117.38	187.18 4.74 -113.73	159.16 5.86 -82.70	153.08 5.43 -77.11	141.27 5.50 -65.30	139.14 5.51 -62.98
INDIAN POINT___2 23530	119.96 4.94 -44.42	108.10 4.57 -33.15	113.76 4.36 -39.16	112.23 4.29 -37.63	116.45 4.15 -41.99	124.27 3.40 -56.68	144.60 3.65 -72.06	166.57 2.83 -113.20	150.05 2.99 -95.54	143.83 2.90 -95.60	142.75 3.67 -79.98	140.64 3.24 -85.16	136.83 3.02 -86.67	135.86 3.01 -85.91	136.80 3.10 -85.33	147.28 2.87 -98.06	171.17 3.95 -105.62	215.13 5.52 -128.45	201.45 5.31 -115.72	185.36 4.53 -112.12	157.78 5.65 -81.52	151.98 5.43 -76.02	140.20 5.35 -64.37	138.05 5.30 -62.09
INDIAN POINT___3 23531	120.63 4.94 -45.09	108.68 4.65 -33.65	114.42 4.43 -39.75	112.87 4.36 -38.19	117.15 4.22 -42.62	125.13 3.40 -57.54	145.76 3.72 -73.14	168.28 2.83 -114.91	151.54 3.04 -96.99	145.27 2.90 -97.04	144.02 3.72 -81.19	141.97 3.29 -86.45	138.13 3.02 -87.98	137.10 2.96 -87.21	138.04 3.05 -86.61	148.76 2.87 -99.54	172.82 4.00 -107.22	217.07 5.52 -130.39	203.20 5.31 -117.47	187.06 4.53 -113.81	159.01 5.65 -82.76	152.99 5.29 -77.17	141.18 5.36 -65.35	139.05 5.37 -63.03
INGHAM_C_115KV_TB7 356103	73.07 2.47 0.00	72.78 2.39 0.00	72.56 2.32 0.00	72.57 2.25 0.00	72.57 2.25 0.00	65.86 1.67 0.00	70.68 1.79 0.00	51.75 1.21 0.00	52.75 1.24 0.00	46.33 1.00 0.00	60.47 1.36 0.00	53.38 1.15 0.00	48.22 1.08 0.00	47.97 1.03 0.00	49.44 1.06 0.00	47.41 1.07 0.00	63.08 1.48 0.00	83.11 1.95 0.00	82.36 1.93 0.00	70.36 1.65 0.00	72.79 2.19 0.00	72.86 2.33 0.00	72.87 2.40 0.00	73.06 2.40 0.00
IP CORINTH___1 23988	138.01 5.86 -61.55	122.02 5.70 -45.93	130.12 5.62 -54.26	128.01 5.55 -52.14	134.19 5.70 -58.18	147.67 4.94 -78.55	174.25 5.51 -99.85	230.70 2.98 -177.18	201.22 3.19 -146.51	192.28 2.49 -144.46	185.84 3.19 -123.54	185.70 2.82 -130.65	181.43 2.45 -131.84	179.85 2.49 -130.43	180.89 2.56 -129.95	200.51 2.55 -151.62	224.33 3.51 -159.22	264.09 4.71 -178.22	245.75 4.66 -160.66	228.01 3.57 -155.73	188.16 4.45 -113.11	181.95 6.07 -105.35	165.46 5.78 -89.20	162.21 5.51 -86.04

IP__TICONDEROGA 23804	140.97 8.90 -61.48	124.78 8.52 -45.88	132.80 8.36 -54.20	130.76 8.37 -52.08	137.01 8.58 -58.11	150.41 7.77 -78.45	177.44 8.82 -99.73	235.60 5.71 -179.35	205.64 6.13 -147.99	195.88 4.85 -145.70	190.25 6.27 -124.88	189.69 5.48 -131.98	184.91 4.71 -133.06	183.29 4.74 -131.61	184.48 4.93 -131.17	204.53 4.91 -153.27	228.90 6.78 -160.53	268.20 9.01 -178.02	249.92 9.01 -160.49	231.21 6.94 -155.56	191.48 7.91 -112.97	184.85 9.10 -105.23	168.11 8.53 -89.10	164.79 8.20 -85.94
ISLIP_RES_REC 323679	125.24 9.11 -45.52	112.80 8.44 -33.97	118.17 7.80 -40.14	116.55 7.67 -38.56	120.80 7.45 -43.03	129.22 6.93 -58.10	149.98 7.23 -73.85	172.08 5.51 -116.03	155.27 5.82 -97.94	148.85 5.53 -97.99	148.14 7.03 -82.00	148.99 6.21 -90.55	146.26 5.75 -93.37	146.20 5.72 -93.54	148.96 5.95 -94.63	155.36 5.70 -103.31	201.43 7.70 -132.13	251.87 10.63 -160.08	220.49 10.22 -129.85	216.52 8.80 -139.01	194.52 9.88 -114.04	181.70 9.80 -101.37	146.26 9.79 -65.99	143.91 9.61 -63.65
JAMAICA__27_KV_LOAD 355505	122.40 6.28 -45.51	110.05 5.70 -33.96	115.78 5.41 -40.13	114.22 5.34 -38.56	118.54 5.20 -43.02	126.70 4.43 -58.08	147.41 4.68 -73.84	170.27 3.74 -116.00	153.49 4.07 -97.90	147.18 3.90 -97.96	145.67 4.61 -81.95	143.63 4.13 -87.27	139.77 3.82 -88.81	138.73 3.75 -88.04	139.68 3.87 -87.43	150.49 3.66 -100.48	174.94 5.11 -108.23	219.85 7.06 -131.62	205.84 6.84 -118.58	189.44 5.84 -114.89	161.21 7.06 -83.55	154.92 6.49 -77.90	143.28 6.84 -65.97	141.20 6.92 -63.62
JANIS__SOLAR 323808	87.98 4.16 -13.21	83.90 3.66 -9.86	85.47 3.58 -11.65	85.09 3.58 -11.19	86.39 3.58 -12.49	84.59 3.53 -16.87	94.68 4.34 -21.45	87.42 3.19 -33.69	82.99 3.04 -28.44	76.23 2.45 -28.45	85.87 2.95 -23.81	80.19 2.61 -25.35	75.29 2.36 -25.80	74.86 2.35 -25.57	76.24 2.47 -25.40	78.08 2.55 -29.19	96.67 3.63 -31.44	124.57 5.20 -38.21	119.85 5.22 -34.20	105.89 4.19 -32.99	99.15 4.59 -23.97	97.45 4.30 -22.61	93.71 4.09 -19.15	93.15 4.03 -18.47
JARVIS____ 23743	71.23 0.63 0.00	70.95 0.56 0.00	70.80 0.56 0.00	70.88 0.56 0.00	70.88 0.56 0.00	64.32 0.13 0.00	69.03 0.14 0.00	50.64 0.10 0.00	51.62 0.10 0.00	45.37 0.05 0.00	59.23 0.12 0.00	52.34 0.10 0.00	47.23 0.09 0.00	47.03 0.09 0.00	48.47 0.10 0.00	46.39 0.05 0.00	61.66 0.06 0.00	81.24 0.08 0.00	80.51 0.08 0.00	68.85 0.14 0.00	71.16 0.56 0.00	71.16 0.63 0.00	71.11 0.63 0.00	71.29 0.63 0.00
JENNISON__1 23625	91.72 4.24 -16.88	86.85 3.87 -12.60	88.91 3.79 -14.88	88.41 3.80 -14.30	90.07 3.80 -15.96	89.20 3.47 -21.55	100.35 4.06 -27.40	96.61 3.03 -43.04	90.83 2.99 -36.33	84.21 2.54 -36.34	92.71 3.19 -30.41	87.43 2.82 -32.38	82.68 2.59 -32.95	82.09 2.49 -32.66	83.33 2.52 -32.44	86.18 2.55 -37.28	105.33 3.57 -40.16	134.91 4.95 -48.80	129.06 4.99 -43.65	114.92 4.12 -42.09	105.79 4.59 -30.60	103.74 4.30 -28.90	99.11 4.16 -24.47	98.42 4.17 -23.60
JENNISON__2 23626	91.72 4.24 -16.88	86.85 3.87 -12.60	88.91 3.79 -14.88	88.41 3.80 -14.30	90.07 3.80 -15.96	89.20 3.47 -21.55	100.35 4.06 -27.40	96.61 3.03 -43.04	90.83 2.99 -36.33	84.21 2.54 -36.34	92.71 3.19 -30.41	87.43 2.82 -32.38	82.68 2.59 -32.95	82.09 2.49 -32.66	83.33 2.52 -32.44	86.18 2.55 -37.28	105.33 3.57 -40.16	134.91 4.95 -48.80	129.06 4.99 -43.65	114.92 4.12 -42.09	105.79 4.59 -30.60	103.74 4.30 -28.90	99.11 4.16 -24.47	98.42 4.17 -23.60
JERICHO_RISE_WT_PWR 323719	68.98 -1.62 0.00	68.84 -1.55 0.00	68.76 -1.48 0.00	68.77 -1.55 0.00	68.70 -1.61 0.00	60.05 -5.14 -1.00	64.37 -5.79 -1.27	48.44 -4.09 -1.99	48.87 -4.33 -1.68	43.02 -3.99 -1.68	55.61 -4.91 -1.41	49.45 -4.28 -1.50	44.14 -4.53 -1.52	43.85 -4.60 -1.51	45.23 -4.64 -1.50	43.62 -4.45 -1.72	57.60 -5.85 -1.86	73.52 -9.90 -2.26	73.61 -8.85 -2.04	64.43 -6.25 -1.97	68.41 -2.19 0.00	68.42 -2.11 0.00	68.22 -2.26 0.00	68.54 -2.12 0.00
KATONAH__115KV_46KV_TB4 355592	122.61 5.93 -46.08	110.40 5.63 -34.39	116.27 5.41 -40.63	114.62 5.27 -39.03	119.08 5.20 -43.56	127.29 4.30 -58.80	148.54 4.89 -74.75	171.71 3.74 -117.44	154.50 3.86 -99.12	148.08 3.58 -99.17	146.69 4.61 -82.97	144.60 4.02 -88.35	140.73 3.68 -89.92	139.68 3.61 -89.13	140.62 3.73 -88.52	151.55 3.48 -101.73	176.04 4.87 -109.58	221.23 6.82 -133.25	207.08 6.59 -120.06	190.60 5.57 -116.32	161.97 6.78 -84.59	155.75 6.35 -78.87	143.53 6.27 -66.78	141.36 6.29 -64.41
KCE_NY_1 323755	137.06 5.09 -61.38	121.11 4.93 -45.80	129.27 4.92 -54.11	127.16 4.85 -51.99	133.25 4.92 -58.02	146.62 4.11 -78.32	172.93 4.48 -99.57	235.97 3.03 -182.40	204.79 3.20 -150.08	195.35 2.58 -147.44	189.19 3.31 -126.77	189.00 2.92 -133.85	184.51 2.59 -134.78	182.78 2.58 -133.27	183.97 2.71 -132.89	204.64 2.69 -155.61	227.61 3.63 -162.37	263.70 4.79 -177.75	245.41 4.74 -160.25	227.88 3.85 -155.32	188.04 4.66 -112.78	180.23 4.65 -105.04	164.43 5.00 -88.95	161.32 4.87 -85.80
KCE_NY_6_ESR 323823	73.94 -4.80 -8.14	71.18 -5.28 -6.07	71.86 -5.55 -7.18	71.65 -5.56 -6.89	72.52 -5.48 -7.69	70.41 -5.44 -10.40	76.66 -5.44 -13.22	66.75 -4.55 -20.76	64.04 -5.00 -17.53	58.33 -4.53 -17.54	67.87 -5.91 -14.67	62.58 -5.27 -15.62	58.32 -4.71 -15.90	58.10 -4.60 -15.76	59.14 -4.88 -15.65	59.70 -4.63 -17.99	74.51 -6.47 -19.37	96.27 -8.19 -23.30	90.83 -8.28 -18.69	77.94 -7.35 -16.58	74.95 -7.69 -12.04	76.84 -7.62 -13.93	75.29 -6.98 -11.79	76.59 -5.44 -11.38
KEDC_PORT_JEFF_GT2 24210	124.81 8.68 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.38 7.03 -43.03	128.76 6.48 -58.10	149.50 6.76 -73.85	171.62 5.05 -116.03	154.86 5.41 -97.94	148.48 5.17 -97.99	147.73 6.62 -82.00	148.63 5.85 -90.55	145.88 5.37 -93.37	145.87 5.40 -93.54	148.62 5.61 -94.63	154.98 5.33 -103.31	200.50 6.78 -132.13	250.65 9.41 -160.08	219.36 9.09 -129.85	215.49 7.76 -139.01	193.53 8.90 -114.04	181.21 9.31 -101.37	145.77 9.30 -65.99	143.48 9.18 -63.65
KEDC_PORT_JEFF_GT3 24211	124.81 8.68 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.38 7.03 -43.03	128.76 6.48 -58.10	149.50 6.76 -73.85	171.62 5.05 -116.03	154.86 5.41 -97.94	148.48 5.17 -97.99	147.73 6.62 -82.00	148.63 5.85 -90.55	145.88 5.37 -93.37	145.87 5.40 -93.54	148.62 5.61 -94.63	154.98 5.33 -103.31	200.50 6.78 -132.13	250.65 9.41 -160.08	219.36 9.09 -129.85	215.49 7.76 -139.01	193.53 8.90 -114.04	181.21 9.31 -101.37	145.77 9.30 -65.99	143.48 9.18 -63.65
KEDC_GLWD_GT4 24219	122.62 6.49 -45.52	110.41 6.05 -33.97	116.06 5.69 -40.14	114.43 5.55 -38.56	118.76 5.41 -43.03	126.45 4.17 -58.10	147.16 4.41 -73.85	170.00 3.44 -116.02	153.05 3.60 -97.93	146.85 3.54 -97.98	145.65 4.55 -81.99	146.79 4.02 -90.54	144.27 3.77 -93.36	144.22 3.76 -93.53	146.87 3.87 -94.62	153.27 3.62 -103.30	198.65 4.93 -132.12	248.04 6.82 -160.06	216.86 6.60 -129.84	213.28 5.56 -139.01	191.41 6.78 -114.03	178.45 6.56 -101.36	142.93 6.48 -65.98	140.66 6.36 -63.64
KEDC_GLWD_GT5 24220	122.62 6.49 -45.52	110.41 6.05 -33.97	116.06 5.69 -40.14	114.43 5.55 -38.56	118.76 5.41 -43.03	126.45 4.17 -58.10	147.16 4.41 -73.85	170.00 3.44 -116.02	153.05 3.60 -97.93	146.85 3.54 -97.98	145.65 4.55 -81.99	146.79 4.02 -90.54	144.27 3.77 -93.36	144.22 3.76 -93.53	146.87 3.87 -94.62	153.27 3.62 -103.30	198.65 4.93 -132.12	248.04 6.82 -160.06	216.86 6.60 -129.84	213.28 5.56 -139.01	191.41 6.78 -114.03	178.45 6.56 -101.36	142.93 6.48 -65.98	140.66 6.36 -63.64

KENSICO____ 23655	121.39 5.37 -45.43	109.28 5.00 -33.90	115.07 4.78 -40.05	113.51 4.71 -38.48	117.83 4.57 -42.94	125.88 3.72 -57.97	146.65 4.06 -73.69	169.44 3.13 -115.77	152.58 3.35 -97.71	146.27 3.17 -97.77	144.98 4.08 -81.80	142.93 3.60 -87.10	139.08 3.30 -88.64	138.04 3.24 -87.87	138.98 3.34 -87.26	149.79 3.15 -100.29	174.00 4.37 -108.02	218.54 6.01 -131.37	204.57 5.79 -118.35	188.33 4.95 -114.67	160.06 6.07 -83.39	154.00 5.71 -77.75	142.02 5.71 -65.84	139.88 5.72 -63.50
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	120.93 6.71 -43.62	109.34 6.41 -32.55	114.74 6.04 -38.46	113.32 6.05 -36.95	117.53 5.98 -41.24	125.06 5.20 -55.67	145.59 5.92 -70.77	166.16 4.45 -111.18	149.89 4.53 -93.84	143.25 4.03 -93.89	142.74 5.08 -78.55	140.16 4.28 -83.64	136.08 3.82 -85.13	135.07 3.75 -84.38	136.10 3.92 -83.80	146.45 3.80 -96.30	170.93 5.61 -103.73	215.18 7.87 -126.15	201.95 7.88 -113.65	185.48 6.66 -110.11	158.44 7.77 -80.07	152.18 6.98 -74.67	140.89 7.19 -63.23	138.63 6.99 -60.98
KIAC_JFK_GT1 23816	121.62 5.51 -45.51	109.35 5.00 -33.96	115.07 4.71 -40.13	113.51 4.64 -38.56	117.84 4.50 -43.02	125.99 3.72 -58.08	146.72 4.00 -73.84	169.77 3.23 -116.00	152.92 3.50 -97.90	146.73 3.44 -97.96	145.02 3.96 -81.95	143.05 3.55 -87.27	139.25 3.30 -88.81	138.26 3.29 -88.04	139.20 3.39 -87.43	149.98 3.15 -100.48	174.33 4.50 -108.23	218.95 6.17 -131.62	204.96 5.95 -118.58	188.69 5.08 -114.89	160.43 6.28 -83.55	154.15 5.71 -77.90	142.57 6.13 -65.97	140.50 6.22 -63.62
KIAC_JFK_GT2 23817	121.62 5.51 -45.51	109.35 5.00 -33.96	115.07 4.71 -40.13	113.51 4.64 -38.56	117.84 4.50 -43.02	125.99 3.72 -58.08	146.72 4.00 -73.84	169.77 3.23 -116.00	152.92 3.50 -97.90	146.73 3.44 -97.96	145.02 3.96 -81.95	143.05 3.55 -87.27	139.25 3.30 -88.81	138.26 3.29 -88.04	139.20 3.39 -87.43	149.98 3.15 -100.48	174.33 4.50 -108.23	218.95 6.17 -131.62	204.96 5.95 -118.58	188.69 5.08 -114.89	160.43 6.28 -83.55	154.15 5.71 -77.90	142.57 6.13 -65.97	140.50 6.22 -63.62
KIAC_JFK____ 323774	121.63 5.51 -45.51	109.28 4.93 -33.96	115.07 4.71 -40.13	113.51 4.64 -38.56	117.84 4.50 -43.02	125.99 3.72 -58.08	146.72 3.99 -73.84	169.72 3.19 -116.00	152.87 3.45 -97.90	146.69 3.40 -97.96	144.96 3.90 -81.95	143.00 3.50 -87.27	139.25 3.30 -88.81	138.31 3.33 -88.04	139.25 3.44 -87.43	149.98 3.15 -100.48	174.27 4.44 -108.23	218.95 6.17 -131.62	204.96 5.95 -118.58	188.69 5.08 -114.89	160.42 6.28 -83.54	154.42 5.99 -77.90	142.71 6.27 -65.96	140.50 6.22 -63.62
KINTIGH____ 23543	73.16 -4.17 -6.73	71.04 -4.36 -5.02	71.53 -4.64 -5.93	71.44 -4.57 -5.70	72.17 -4.50 -6.36	69.25 -3.53 -8.59	75.27 -4.55 -10.93	63.81 -3.89 -17.16	61.67 -4.33 -14.49	55.97 -3.85 -14.49	66.21 -5.02 -12.13	60.65 -4.49 -12.91	56.32 -3.96 -13.14	56.16 -3.80 -13.03	57.20 -4.11 -12.94	57.28 -3.94 -14.87	72.25 -5.36 -16.01	93.65 -7.14 -19.62	92.35 -7.08 -19.00	81.80 -6.18 -19.28	77.91 -6.71 -14.02	75.50 -6.56 -11.53	74.39 -5.85 -9.76	75.53 -4.52 -9.40
KNTFSRNC_46_KV_46KV_LOAD 80397	70.39 -0.21 0.00	70.10 -0.28 0.00	70.03 -0.21 0.00	70.03 -0.28 0.00	69.89 -0.42 0.00	60.27 -3.92 0.00	64.21 -4.68 0.00	47.30 -3.23 0.00	48.01 -3.50 0.00	42.06 -3.26 0.00	55.09 -4.02 0.00	48.84 -3.40 0.00	43.32 -3.82 0.00	42.95 -3.99 0.00	44.46 -3.92 0.00	42.59 -3.75 0.00	56.67 -4.93 0.00	73.78 -7.39 0.00	73.75 -6.68 0.00	63.49 -5.22 0.00	69.54 -1.06 0.00	69.47 -1.06 0.00	69.28 -1.20 0.00	69.74 -0.92 0.00
LACHUTE__HYDRO 323717	140.97 8.90 -61.48	124.78 8.51 -45.88	132.80 8.35 -54.20	130.69 8.29 -52.08	137.00 8.58 -58.11	150.40 7.76 -78.45	177.44 8.82 -99.73	235.59 5.71 -179.35	205.69 6.18 -147.99	195.88 4.85 -145.70	190.25 6.26 -124.88	189.74 5.53 -131.98	184.91 4.71 -133.06	183.28 4.74 -131.61	184.49 4.94 -131.17	204.53 4.91 -153.27	228.90 6.78 -160.53	268.19 9.01 -178.02	249.92 9.01 -160.49	231.21 6.94 -155.56	191.40 7.84 -112.97	183.30 7.55 -105.22	168.03 8.45 -89.09	164.86 8.26 -85.94
LAWRNCV_115KV_TB1 80681	68.27 -2.33 0.00	68.13 -2.25 0.00	68.13 -2.11 0.00	68.21 -2.11 0.00	68.14 -2.18 0.00	60.24 -5.26 -1.32	64.92 -5.65 -1.67	49.23 -3.94 -2.63	49.56 -4.17 -2.22	43.74 -3.81 -2.22	56.18 -4.79 -1.86	50.14 -4.07 -1.98	44.86 -4.29 -2.01	44.52 -4.41 -2.00	45.96 -4.40 -1.98	44.41 -4.22 -2.28	58.51 -5.54 -2.46	76.11 -8.04 -2.99	75.72 -7.40 -2.69	65.34 -5.98 -2.61	70.38 -2.12 -1.90	70.25 -2.05 -1.77	69.72 -2.26 -1.50	68.11 -2.54 0.00
LEDERLE____ 23769	119.40 5.01 -43.78	107.77 4.72 -32.67	113.27 4.43 -38.60	111.76 4.36 -37.09	115.99 4.29 -41.39	123.53 3.47 -55.87	143.71 3.79 -71.03	165.05 2.93 -111.58	148.89 3.19 -94.18	142.55 2.99 -94.23	141.73 3.78 -78.84	139.52 3.34 -83.95	135.64 3.06 -85.43	134.63 3.00 -84.69	135.58 3.10 -84.11	145.93 2.92 -96.66	169.84 4.13 -104.12	213.46 5.68 -126.61	199.96 5.47 -114.07	183.90 4.67 -110.51	156.75 5.79 -80.36	150.83 5.36 -74.94	139.36 5.43 -63.46	137.23 5.37 -61.20
LIGHTHSE_115KV_TB6 355974	73.06 -0.92 -3.38	71.99 -0.92 -2.52	72.23 -0.98 -2.98	72.19 -0.98 -2.86	72.59 -0.91 -3.19	67.53 -1.03 -4.37	73.48 -0.96 -5.56	58.66 -0.61 -8.73	58.16 -0.72 -7.37	52.07 -0.63 -7.37	64.51 -0.77 -6.17	58.17 -0.63 -6.57	53.21 -0.61 -6.69	52.95 -0.61 -6.63	54.33 -0.63 -6.58	53.36 -0.56 -7.56	68.76 -8.85 -8.15	89.85 -1.22 -9.91	88.23 -1.13 -8.93	76.34 -1.03 -8.66	76.33 -0.56 -6.30	75.76 -0.63 -5.86	74.67 -0.78 -4.97	74.45 -0.92 -4.72
LINDEN COGEN____ 23786	39.61 5.30 36.29	39.40 4.85 35.84	39.25 4.56 35.55	39.57 4.50 35.25	42.26 4.36 32.42	41.76 3.46 25.89	43.63 3.58 28.84	56.23 2.83 -2.86	44.26 2.99 10.24	44.26 2.99 4.06	56.27 3.73 6.56	52.77 3.35 2.81	51.04 3.21 -0.70	51.58 3.19 -1.45	53.23 3.29 -1.56	54.08 3.01 -4.72	67.29 4.19 -1.50	78.41 5.85 8.60	71.88 5.55 14.09	65.84 4.74 7.61	61.03 5.93 15.50	56.27 5.71 19.97	50.67 5.64 25.45	45.70 5.65 30.61
LINDHRST_69_KV_BK1 356055	124.39 8.26 -45.52	112.10 7.74 -33.97	117.54 7.16 -40.14	115.84 6.96 -38.56	120.10 6.75 -43.03	128.44 6.16 -58.10	149.29 6.54 -73.85	171.47 4.90 -116.03	154.65 5.20 -97.94	148.21 4.90 -97.99	147.49 6.38 -82.00	148.42 5.64 -90.55	145.65 5.14 -93.37	145.54 5.07 -93.54	148.23 5.22 -94.63	154.61 4.96 -103.31	200.50 6.78 -132.13	250.49 9.25 -160.07	219.28 9.01 -129.85	215.35 7.63 -139.01	193.47 8.83 -114.04	180.37 8.46 -101.37	145.28 8.81 -65.99	142.99 8.69 -63.65
LIPA_MISC_IPP 23656	124.67 8.54 -45.52	112.31 7.95 -33.97	117.68 7.30 -40.14	116.05 7.17 -38.56	120.31 6.96 -43.03	128.70 6.42 -58.10	149.43 6.68 -73.85	171.42 4.85 -116.03	154.81 5.36 -97.94	148.30 4.99 -97.99	147.67 6.56 -82.00	148.53 5.75 -90.55	145.79 5.28 -93.37	145.69 5.21 -93.54	148.47 5.47 -94.63	154.94 5.28 -103.31	200.94 7.21 -132.13	251.06 9.82 -160.08	219.76 9.49 -129.85	215.97 8.25 -139.02	194.04 9.39 -114.04	180.94 9.03 -101.38	145.77 9.30 -65.99	143.35 9.04 -63.65
LISF__SOLAR 323691	124.88 8.75 -45.52	112.52 8.16 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.90 6.61 -58.10	149.43 6.68 -73.85	171.58 5.00 -116.03	154.86 5.41 -97.94	148.44 5.12 -97.99	147.73 6.62 -82.00	148.63 5.85 -90.55	145.88 5.37 -93.37	145.83 5.35 -93.54	148.62 5.61 -94.63	155.03 5.37 -103.31	201.12 7.39 -132.13	251.38 10.14 -160.08	220.00 9.73 -129.85	216.24 8.52 -139.02	194.24 9.60 -114.04	181.36 9.45 -101.37	145.84 9.37 -65.99	143.56 9.25 -63.65

LITTLE FALLS___HYD 24013	73.07 2.47 0.00	72.78 2.39 0.00	72.56 2.32 0.00	72.57 2.25 0.00	72.57 2.25 0.00	65.86 1.67 0.00	70.68 1.79 0.00	51.75 1.21 0.00	52.75 1.24 0.00	46.33 1.00 0.00	60.47 1.36 0.00	53.38 1.15 0.00	48.22 1.08 0.00	47.97 1.03 0.00	49.44 1.06 0.00	47.41 1.07 0.00	63.08 1.48 0.00	83.11 1.95 0.00	82.36 1.93 0.00	70.36 1.65 0.00	72.79 2.19 0.00	72.86 2.33 0.00	72.87 2.40 0.00	73.06 2.40 0.00
LITTLRIV_115KV_TB1 356100	69.26 -1.34 0.00	69.12 -1.27 0.00	69.12 -1.12 0.00	69.19 -1.13 0.00	69.12 -1.20 0.00	61.18 -4.36 -1.36	66.07 -4.55 -1.72	50.11 -3.13 -2.71	50.40 -3.40 -2.29	44.49 -3.13 -2.29	57.12 -3.90 -1.91	50.98 -3.29 -2.04	45.58 -3.63 -2.07	45.19 -3.80 -2.06	46.69 -3.73 -2.04	45.17 -3.52 -2.35	59.57 -4.56 -2.53	77.50 -6.74 -3.07	77.08 -6.11 -2.77	66.52 -4.88 -2.69	71.56 -0.99 -1.95	71.43 -0.92 -1.82	70.82 -1.20 -1.54	69.10 -1.55 0.00
LI_NEWBRDGE___DRP 323616	122.69 6.57 -45.52	110.48 6.12 -33.97	116.00 5.62 -40.14	114.37 5.48 -38.56	118.55 5.20 -43.03	126.90 4.62 -58.10	147.57 4.82 -73.85	170.15 3.59 -116.02	153.30 3.86 -97.93	147.07 3.76 -97.98	146.01 4.91 -81.99	147.10 4.34 -90.54	144.46 3.96 -93.36	144.41 3.94 -93.53	147.06 4.06 -94.62	153.45 3.80 -103.30	198.89 5.17 -132.12	248.29 7.06 -160.07	217.10 6.84 -129.84	213.55 5.84 -139.00	191.62 6.99 -114.03	178.53 6.63 -101.36	143.50 7.05 -65.98	141.22 6.92 -63.64
LOCKPORT_115KV_TB60_63_64 80432	72.36 -5.58 -7.33	69.95 -5.91 -5.47	70.52 -6.18 -6.47	70.34 -6.19 -6.21	71.13 -6.12 -6.93	68.74 -4.81 -9.37	74.67 -6.13 -11.91	64.10 -5.15 -18.71	61.59 -5.72 -15.79	56.05 -5.08 -15.80	65.71 -6.62 -13.22	60.36 -5.95 -14.08	56.19 -5.28 -14.33	56.02 -5.12 -14.20	57.02 -5.47 -14.10	57.37 -5.19 -16.21	71.98 -7.08 -17.46	92.85 -9.33 -21.02	88.14 -9.33 -17.05	75.87 -8.11 -15.27	73.02 -8.68 -11.10	74.56 -8.53 -12.57	73.37 -7.75 -10.64	74.69 -6.22 -10.25
LOCKPORT___CC1 323769	72.28 -5.72 -7.39	69.85 -6.05 -5.52	70.36 -6.39 -6.52	70.25 -6.33 -6.26	71.04 -6.26 -6.99	68.69 -4.94 -9.44	74.56 -6.34 -12.01	64.09 -5.31 -18.86	61.67 -5.77 -15.92	56.09 -5.17 -15.93	65.69 -6.74 -13.33	60.42 -6.00 -14.19	56.16 -5.42 -14.44	55.95 -5.30 -14.31	56.98 -5.61 -14.22	57.36 -5.33 -16.34	71.80 -7.39 -17.60	92.84 -9.50 -21.18	87.95 -9.57 -17.09	75.43 -8.52 -15.25	72.77 -8.90 -11.07	74.43 -8.75 -12.65	73.22 -7.96 -10.71	74.63 -6.36 -10.33
LOCKPORT___CC2 323770	72.28 -5.72 -7.39	69.85 -6.05 -5.52	70.36 -6.39 -6.52	70.25 -6.33 -6.26	71.04 -6.26 -6.99	68.69 -4.94 -9.44	74.56 -6.34 -12.01	64.09 -5.31 -18.86	61.67 -5.77 -15.92	56.09 -5.17 -15.93	65.69 -6.74 -13.33	60.42 -6.00 -14.19	56.16 -5.42 -14.44	55.95 -5.30 -14.31	56.98 -5.61 -14.22	57.36 -5.33 -16.34	71.80 -7.39 -17.60	92.84 -9.50 -21.18	87.95 -9.57 -17.09	75.43 -8.52 -15.25	72.77 -8.90 -11.07	74.43 -8.75 -12.65	73.22 -7.96 -10.71	74.63 -6.36 -10.33
LOCKPORT___CC3 323771	72.28 -5.72 -7.39	69.85 -6.05 -5.52	70.36 -6.39 -6.52	70.25 -6.33 -6.26	71.04 -6.26 -6.99	68.69 -4.94 -9.44	74.56 -6.34 -12.01	64.09 -5.31 -18.86	61.67 -5.77 -15.92	56.09 -5.17 -15.93	65.69 -6.74 -13.33	60.42 -6.00 -14.19	56.16 -5.42 -14.44	55.95 -5.30 -14.31	56.98 -5.61 -14.22	57.36 -5.33 -16.34	71.80 -7.39 -17.60	92.84 -9.50 -21.18	87.95 -9.57 -17.09	75.43 -8.52 -15.25	72.77 -8.90 -11.07	74.43 -8.75 -12.65	73.22 -7.96 -10.71	74.63 -6.36 -10.33
LONG_LAKE_PHOENIX 24014	72.76 -1.55 -3.72	71.61 -1.55 -2.77	71.83 -1.69 -3.28	71.85 -1.62 -3.15	72.21 -1.62 -3.51	67.54 -1.41 -4.77	73.57 -1.38 -6.06	59.04 -1.01 -9.52	58.47 -1.08 -8.03	52.46 -0.91 -8.04	64.65 -1.18 -6.72	58.35 -1.04 -7.16	53.48 -0.94 -7.29	53.27 -0.89 -7.22	54.58 -0.97 -7.17	53.67 -0.93 -8.24	69.12 -1.36 -8.88	90.26 -1.70 -10.80	88.47 -1.69 -9.74	76.64 -1.51 -9.44	75.98 -1.48 -6.86	75.37 -1.55 -6.39	74.34 -1.55 -5.41	74.29 -1.55 -5.19
LOVETT___3 23632	119.21 4.66 -43.95	107.54 4.36 -32.80	113.13 4.14 -38.75	111.62 4.08 -37.23	115.80 3.94 -41.54	123.42 3.15 -56.08	143.63 3.44 -71.30	165.22 2.68 -112.00	148.93 2.88 -94.54	142.63 2.72 -94.59	141.73 3.49 -79.13	139.58 3.08 -84.26	135.72 2.83 -85.76	134.71 2.77 -85.01	135.66 2.85 -84.42	146.08 2.69 -97.04	169.88 3.76 -104.53	213.47 5.19 -127.12	199.93 4.99 -114.52	183.92 4.26 -110.95	156.63 5.37 -80.67	150.76 5.01 -75.22	139.18 5.00 -63.70	137.11 5.02 -61.44
LOVETT___4 23642	119.21 4.66 -43.95	107.54 4.36 -32.80	113.13 4.14 -38.75	111.62 4.08 -37.23	115.80 3.94 -41.54	123.42 3.15 -56.08	143.63 3.44 -71.30	165.22 2.68 -112.00	148.93 2.88 -94.54	142.63 2.72 -94.59	141.73 3.49 -79.13	139.58 3.08 -84.26	135.72 2.83 -85.76	134.71 2.77 -85.01	135.66 2.85 -84.42	146.08 2.69 -97.04	169.88 3.76 -104.53	213.47 5.19 -127.12	199.93 4.99 -114.52	183.92 4.26 -110.95	156.63 5.37 -80.67	150.76 5.01 -75.22	139.18 5.00 -63.70	137.11 5.02 -61.44
LOVETT___5 23593	119.21 4.66 -43.95	107.54 4.36 -32.80	113.13 4.14 -38.75	111.62 4.08 -37.23	115.80 3.94 -41.54	123.42 3.15 -56.08	143.63 3.44 -71.30	165.22 2.68 -112.00	148.93 2.88 -94.54	142.63 2.72 -94.59	141.73 3.49 -79.13	139.58 3.08 -84.26	135.72 2.83 -85.76	134.71 2.77 -85.01	135.66 2.85 -84.42	146.08 2.69 -97.04	169.88 3.76 -104.53	213.47 5.19 -127.12	199.93 4.99 -114.52	183.92 4.26 -110.95	156.63 5.37 -80.67	150.76 5.01 -75.22	139.18 5.00 -63.70	137.11 5.02 -61.44
LOWER RAQUET___HYD 24057	67.85 -2.75 0.00	67.85 -2.53 0.00	67.85 -2.39 0.00	67.85 -2.46 0.00	67.79 -2.53 0.00	60.12 -5.46 -1.39	64.80 -5.86 -1.77	49.23 -4.09 -2.78	49.53 -4.33 -2.35	43.73 -3.94 -2.35	56.11 -4.96 -1.96	50.04 -4.28 -2.09	44.83 -4.43 -2.13	44.54 -4.51 -2.11	45.92 -4.55 -2.10	44.45 -4.31 -2.41	58.53 -5.67 -2.59	74.82 -9.50 -3.15	74.74 -8.53 -2.84	65.35 -6.12 -2.76	68.13 -2.47 0.00	68.06 -2.47 0.00	67.80 -2.68 0.00	67.69 -2.96 0.00
LOWER___HUDSON 24059	134.88 3.95 -60.33	119.41 4.01 -45.02	127.36 3.93 -53.18	125.21 3.79 -51.10	131.20 3.86 -57.02	144.06 2.89 -76.98	169.86 3.10 -97.86	269.79 2.28 -216.97	227.59 2.37 -173.70	214.45 1.95 -167.17	209.83 2.54 -148.18	209.53 2.30 -155.01	203.42 2.03 -154.26	201.05 2.02 -152.10	202.86 2.13 -152.35	230.49 2.09 -182.05	247.60 2.65 -183.35	259.65 3.49 -175.00	241.56 3.38 -157.76	224.45 2.82 -152.92	185.26 3.81 -110.85	177.65 3.88 -103.25	161.85 3.94 -87.42	158.80 3.81 -84.33
LOWVILLE_115KV_TB2 356335	72.51 0.21 -1.70	71.72 0.07 -1.27	71.88 0.14 -1.50	71.90 0.14 -1.44	72.13 0.21 -1.61	65.89 -0.64 -2.34	71.45 -0.41 -2.98	55.11 -0.10 -4.68	55.26 -0.21 -3.95	48.96 -0.32 -3.95	61.94 -0.47 -3.30	55.44 -0.31 -3.52	50.29 -0.42 -3.58	50.02 -0.47 -3.55	51.47 -0.44 -3.52	50.12 -0.28 -4.05	65.59 -0.37 -4.36	86.06 -0.41 -5.31	84.97 -0.24 -4.78	73.07 -0.27 -4.64	74.89 0.92 -3.37	74.52 0.85 -3.14	73.70 0.56 -2.66	73.24 0.21 -2.38
LUTHERFT_115KV_GLOB_FND_222 355753	136.99 5.01 -61.38	121.11 4.93 -45.80	129.20 4.85 -54.11	127.09 4.78 -51.99	133.18 4.85 -58.02	146.55 4.04 -78.32	172.87 4.41 -99.57	235.92 2.98 -182.40	204.74 3.14 -150.08	195.30 2.54 -147.44	189.13 3.25 -126.77	188.95 2.87 -133.85	184.46 2.55 -134.78	182.74 2.53 -133.27	183.93 2.66 -132.89	204.60 2.64 -155.61	227.55 3.57 -162.37	263.62 4.71 -177.75	245.34 4.66 -160.25	227.81 3.78 -155.32	188.05 4.66 -112.79	180.66 5.08 -105.05	164.36 4.93 -88.95	161.26 4.80 -85.80

LUTHERNY_35_KV_BK2 355980	137.06 5.08 -61.38	121.11 4.93 -45.80	129.27 4.92 -54.11	127.16 4.85 -51.99	133.25 4.92 -58.02	146.62 4.11 -78.32	172.94 4.48 -99.57	235.97 3.03 -182.40	204.79 3.19 -150.08	195.35 2.58 -147.44	189.19 3.31 -126.77	189.00 2.92 -133.85	184.51 2.59 -134.78	182.79 2.58 -133.27	183.97 2.71 -132.89	204.64 2.69 -155.61	227.61 3.63 -162.37	263.70 4.79 -177.75	245.42 4.75 -160.25	227.88 3.85 -155.32	188.12 4.73 -112.79	180.73 5.15 -105.05	164.43 5.00 -88.95	161.26 4.80 -85.80
LWR___OSWEGATCHIE_HYD 23850	69.88 -1.98 -1.25	69.35 -1.97 -0.93	69.45 -1.90 -1.10	69.48 -1.90 -1.06	69.53 -1.97 -1.18	62.36 -3.79 -1.96	67.52 -3.86 -2.49	51.82 -2.63 -3.91	51.98 -2.83 -3.30	46.05 -2.58 -3.30	58.50 -3.37 -2.76	52.35 -2.82 -2.94	47.26 -2.88 -3.00	46.95 -2.96 -2.97	48.37 -2.95 -2.95	47.00 -2.73 -3.39	61.55 -3.70 -3.65	80.41 -5.19 -4.44	79.68 -4.75 -4.00	68.67 -3.92 -3.88	72.01 -1.41 -2.82	71.68 -1.48 -2.63	70.94 -1.76 -2.22	70.35 -2.05 -1.75
LYONS_FALL_HYD 23570	73.27 1.06 -1.61	72.50 0.91 -1.20	72.57 0.91 -1.42	72.59 0.91 -1.37	72.82 0.98 -1.52	66.70 0.32 -2.19	72.22 0.55 -2.78	55.46 0.56 -4.37	55.72 0.52 -3.69	49.38 0.36 -3.69	62.61 0.42 -3.09	55.99 0.47 -3.29	50.81 0.33 -3.34	50.58 0.33 -3.31	52.01 0.34 -3.29	50.55 0.42 -3.78	66.23 0.55 -4.08	86.77 0.65 -4.96	85.62 0.72 -4.47	73.73 0.69 -4.33	75.19 1.63 -2.96	74.84 1.55 -2.76	74.15 1.34 -2.34	73.97 1.06 -2.26
MADISON___COUNTY_LFGE 323628	75.98 2.47 -2.91	74.88 2.32 -2.17	75.05 2.25 -2.56	75.10 2.32 -2.46	75.46 2.39 -2.75	70.01 2.05 -3.77	76.16 2.48 -4.79	59.93 1.87 -7.53	59.72 1.85 -6.35	53.27 1.59 -6.36	66.43 2.01 -5.32	59.72 1.83 -5.66	54.55 1.65 -5.76	54.29 1.64 -5.71	55.74 1.69 -5.67	54.54 1.67 -6.52	70.78 2.16 -7.02	92.54 2.84 -8.54	90.94 2.81 -7.70	78.44 2.27 -7.46	78.85 2.82 -5.43	78.27 2.68 -5.05	77.29 2.54 -4.28	77.19 2.47 -4.07
MALONE___115KV_TB1 356076	69.97 -0.64 0.00	69.68 -0.70 0.00	69.61 -0.63 0.00	69.68 -0.63 0.00	69.47 -0.84 0.00	61.17 -4.11 -1.10	65.81 -4.48 -1.39	49.64 -3.08 -2.19	50.01 -3.35 -1.85	44.09 -3.08 -1.85	56.87 -3.78 -1.55	50.64 -3.24 -1.65	45.14 -3.68 -1.68	44.80 -3.80 -1.66	46.30 -3.73 -1.65	44.68 -3.57 -1.90	58.96 -4.68 -2.04	76.50 -7.14 -2.48	76.23 -6.43 -2.24	65.93 -4.95 -2.17	71.33 -0.85 -1.58	71.15 -0.85 -1.47	70.67 -1.06 -1.24	69.45 -1.20 0.00
MAPLEWOD_115KV_TB3 80458	134.01 3.32 -60.09	118.53 3.31 -44.84	126.45 3.23 -52.98	124.45 3.23 -50.90	130.35 3.23 -56.80	142.99 2.12 -76.68	168.58 2.20 -97.48	156.34 1.57 -104.23	148.43 1.65 -95.27	147.13 1.36 -100.44	138.54 1.83 -77.60	138.68 1.67 -84.78	137.63 1.51 -88.98	137.27 1.50 -88.83	137.19 1.60 -87.22	142.84 1.48 -95.01	175.71 1.91 -112.20	257.41 2.68 -173.57	239.47 2.57 -156.47	222.51 2.13 -151.67	184.06 3.04 -110.42	176.41 3.03 -102.85	160.60 3.03 -87.09	157.83 3.18 -84.00
MAPLE_RIDGE_WT_1 323574	70.03 -0.57 0.00	69.82 -0.57 0.00	69.68 -0.56 0.00	69.68 -0.63 0.00	69.68 -0.63 0.00	62.00 -2.18 0.00	66.48 -2.41 0.00	48.77 -1.77 0.00	49.66 -1.85 0.00	43.65 -1.68 0.00	57.04 -2.07 0.00	50.40 -1.83 0.00	45.25 -1.89 0.00	45.01 -1.93 0.00	46.44 -1.94 0.00	44.49 -1.86 0.00	59.20 -2.40 0.00	77.27 -3.89 0.00	76.89 -3.54 0.00	66.17 -2.54 0.00	69.89 -0.71 0.00	69.83 -0.71 0.00	69.84 -0.64 0.00	70.02 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	70.03 -0.57 0.00	69.82 -0.57 0.00	69.68 -0.56 0.00	69.68 -0.63 0.00	69.68 -0.63 0.00	62.00 -2.18 0.00	66.48 -2.41 0.00	48.77 -1.77 0.00	49.66 -1.85 0.00	43.65 -1.68 0.00	57.04 -2.07 0.00	50.40 -1.83 0.00	45.25 -1.89 0.00	45.01 -1.93 0.00	46.44 -1.94 0.00	44.49 -1.86 0.00	59.20 -2.40 0.00	77.27 -3.89 0.00	76.89 -3.54 0.00	66.17 -2.54 0.00	69.89 -0.71 0.00	69.83 -0.71 0.00	69.84 -0.64 0.00	70.02 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	69.11 -1.49 0.00	68.98 -1.41 0.00	68.90 -1.34 0.00	68.98 -1.34 0.00	68.84 -1.48 0.00	59.18 -5.01 0.00	63.17 -5.72 0.00	46.49 -4.04 0.00	47.24 -4.28 0.00	41.43 -3.90 0.00	54.26 -4.85 0.00	48.00 -4.23 0.00	42.70 -4.43 0.00	42.38 -4.55 0.00	43.83 -4.55 0.00	41.94 -4.40 0.00	55.87 -5.73 0.00	71.42 -9.74 0.00	71.74 -8.69 0.00	62.53 -6.18 0.00	68.48 -2.12 0.00	68.48 -2.05 0.00	68.29 -2.19 0.00	68.68 -1.98 0.00
MARSHVLE_115KV_TB1 80742	144.21 4.94 -68.67	126.27 4.65 -51.24	135.42 4.64 -60.54	133.20 4.71 -58.17	140.08 4.85 -64.91	156.31 4.49 -87.63	185.59 5.30 -111.40	229.58 4.04 -175.00	203.03 3.81 -147.71	195.74 2.63 -147.78	185.88 3.13 -123.64	186.19 2.30 -131.66	183.06 1.93 -133.99	181.77 2.02 -132.82	182.46 2.18 -131.91	200.72 2.73 -151.63	229.24 4.31 -163.33	285.80 6.01 -198.63	265.60 6.19 -178.98	247.02 4.88 -173.43	202.19 5.51 -126.09	193.56 5.50 -117.53	175.00 5.00 -99.52	171.38 4.73 -95.99
MARSH_HILL_WT_PWR 323713	77.21 -3.60 -10.21	74.06 -3.94 -7.62	74.81 -4.42 -9.00	74.46 -4.50 -8.64	75.39 -4.57 -9.65	73.75 -3.47 -13.03	81.46 -4.00 -16.57	73.44 -3.13 -26.03	69.98 -3.50 -21.97	64.00 -3.31 -21.98	73.00 -4.49 -18.39	67.69 -4.13 -19.58	63.39 -3.68 -19.93	63.08 -3.61 -19.76	64.32 -3.68 -19.62	65.47 -3.43 -22.55	81.27 -4.62 -24.29	104.88 -5.68 -29.40	100.01 -5.71 -25.29	87.48 -4.95 -23.71	82.74 -5.08 -17.23	82.78 -5.22 -17.47	80.26 -5.00 -14.79	80.75 -4.17 -14.27
MCINTYRE_115KV_TB2 80467	70.11 -0.49 0.00	70.03 -0.35 0.00	70.03 -0.21 0.00	70.11 -0.21 0.00	69.96 -0.35 0.00	61.76 -3.72 -1.30	66.61 -3.93 -1.65	50.50 -2.63 -2.59	50.82 -2.88 -2.19	44.80 -2.72 -2.19	57.57 -3.37 -1.83	51.31 -2.87 -1.95	45.82 -3.30 -1.98	45.48 -3.43 -1.97	46.99 -3.34 -1.95	45.49 -3.11 -2.25	60.01 -4.00 -2.42	78.10 -6.01 -2.94	77.61 -5.47 -2.65	67.02 -4.26 -2.57	72.33 -0.14 -1.87	72.20 -0.07 -1.74	71.60 -0.35 -1.47	69.95 -0.71 0.00
MECO_____69_KV_BK1 80468	143.68 6.92 -66.16	126.30 6.55 -49.37	135.10 6.53 -58.33	132.90 6.54 -56.04	139.61 6.75 -62.54	154.78 6.16 -84.43	183.38 7.16 -107.33	224.50 5.36 -168.61	199.08 5.25 -142.31	191.61 3.90 -142.39	183.02 4.79 -119.13	182.95 3.87 -126.85	179.58 3.35 -129.10	178.33 3.43 -127.97	179.10 3.63 -127.09	196.43 3.99 -146.10	224.88 5.91 -157.37	280.66 8.12 -191.38	261.17 8.28 -172.46	242.49 6.66 -167.12	199.51 7.41 -121.49	191.11 7.34 -113.24	173.13 6.77 -95.89	169.64 6.50 -92.49
MENANDS___115KV_TB5 355628	133.53 2.97 -59.96	118.09 2.96 -44.75	125.98 2.88 -52.86	123.92 2.81 -50.79	129.88 2.88 -56.68	142.31 1.60 -76.52	167.82 1.65 -97.27	157.17 1.11 -105.52	148.86 1.24 -96.11	147.49 1.04 -101.12	138.90 1.42 -78.38	139.02 1.25 -85.54	137.94 1.13 -89.67	137.60 1.17 -89.49	137.49 1.21 -87.91	143.48 1.16 -95.97	175.92 1.42 -112.91	256.40 2.03 -173.21	238.50 1.93 -156.15	221.64 1.58 -151.35	183.26 2.47 -110.19	175.63 2.47 -102.63	159.92 2.54 -86.90	157.30 2.83 -83.82
MG INDUSTRY___DRP 24185	131.55 2.68 -58.27	116.54 2.67 -43.48	124.28 2.67 -51.37	122.35 2.67 -49.36	128.07 2.67 -55.08	140.15 1.60 -74.36	165.01 1.58 -94.53	183.82 1.11 -132.17	166.64 1.13 -113.99	161.95 0.86 -115.76	154.93 1.12 -94.70	154.79 0.99 -101.56	152.25 0.85 -104.26	151.39 0.89 -103.56	151.86 0.97 -102.52	163.39 0.97 -116.07	191.21 1.29 -128.32	251.32 1.70 -168.45	233.97 1.69 -151.86	217.35 1.44 -147.20	179.87 2.19 -107.08	172.38 2.12 -99.74	157.18 2.26 -84.45	154.65 2.54 -81.46

MID___OSWEGATCHIE_HYD 23849	69.88 -1.98 -1.25	69.35 -1.97 -0.93	69.45 -1.90 -1.10	69.48 -1.90 -1.06	69.53 -1.97 -1.18	62.36 -3.79 -1.96	67.52 -3.86 -2.49	51.82 -2.63 -3.91	51.98 -2.83 -3.30	46.05 -2.58 -3.30	58.50 -3.37 -2.76	52.35 -2.82 -2.94	47.26 -2.88 -3.00	46.95 -2.96 -2.97	48.37 -2.95 -2.95	47.00 -2.73 -3.39	61.55 -3.70 -3.65	80.41 -5.19 -4.44	79.68 -4.75 -4.00	68.67 -3.92 -3.88	72.01 -1.41 -2.82	71.68 -1.48 -2.63	70.94 -1.76 -2.22	70.35 -2.05 -1.75
MID___RAQUETTE_HYD 23851	67.92 -2.68 0.00	67.85 -2.53 0.00	67.78 -2.46 0.00	67.86 -2.46 0.00	67.78 -2.53 0.00	60.12 -5.46 -1.39	64.80 -5.86 -1.77	49.22 -4.09 -2.78	49.53 -4.33 -2.35	43.73 -3.94 -2.35	56.11 -4.97 -1.96	50.09 -4.23 -2.09	44.84 -4.43 -2.13	44.49 -4.55 -2.11	45.92 -4.55 -2.10	44.45 -4.31 -2.41	58.46 -5.73 -2.59	76.04 -8.28 -3.15	75.63 -7.64 -2.84	65.35 -6.12 -2.76	70.20 -2.40 -2.00	70.07 -2.33 -1.87	69.45 -2.61 -1.58	67.76 -2.90 0.00
MILLIKEN___1 23584	82.35 1.77 -9.99	79.32 1.48 -7.45	80.38 1.33 -8.80	80.11 1.34 -8.46	81.09 1.34 -9.44	78.42 1.48 -12.76	86.97 1.86 -16.22	77.38 1.36 -25.48	74.31 1.29 -21.51	67.93 1.09 -21.52	78.41 1.30 -18.00	72.55 1.15 -19.17	67.73 1.08 -19.51	67.36 1.08 -19.34	68.70 1.11 -19.21	69.53 1.11 -22.07	86.91 1.54 -23.78	112.25 2.19 -28.90	108.50 2.17 -25.91	95.51 1.79 -25.02	90.77 1.98 -18.19	89.34 1.69 -17.11	86.59 1.62 -14.49	86.38 1.77 -13.96
MILLIKEN___2 23585	82.35 1.77 -9.99	79.32 1.48 -7.45	80.38 1.33 -8.80	80.11 1.34 -8.46	81.09 1.34 -9.44	78.42 1.48 -12.76	86.97 1.86 -16.22	77.38 1.36 -25.48	74.31 1.29 -21.51	67.93 1.09 -21.52	78.41 1.30 -18.00	72.55 1.15 -19.17	67.73 1.08 -19.51	67.36 1.08 -19.34	68.70 1.11 -19.21	69.53 1.11 -22.07	86.91 1.54 -23.78	112.25 2.19 -28.90	108.50 2.17 -25.91	95.51 1.79 -25.02	90.77 1.98 -18.19	89.34 1.69 -17.11	86.59 1.62 -14.49	86.38 1.77 -13.96
MILLIKEN___DIESEL 23629	82.35 1.77 -9.99	79.32 1.48 -7.45	80.38 1.33 -8.80	80.11 1.34 -8.46	81.09 1.34 -9.44	78.42 1.48 -12.76	86.97 1.86 -16.22	77.38 1.36 -25.48	74.31 1.29 -21.51	67.93 1.09 -21.52	78.41 1.30 -18.00	72.55 1.15 -19.17	67.73 1.08 -19.51	67.36 1.08 -19.34	68.70 1.11 -19.21	69.53 1.11 -22.07	86.91 1.54 -23.78	112.25 2.19 -28.90	108.50 2.17 -25.91	95.51 1.79 -25.02	90.77 1.98 -18.19	89.34 1.69 -17.11	86.59 1.62 -14.49	86.38 1.77 -13.96
MILLSEAT___LFGE 323607	73.97 -3.74 -7.12	71.47 -4.22 -5.31	71.95 -4.56 -6.27	71.84 -4.50 -6.03	72.68 -4.36 -6.73	70.07 -3.21 -9.09	76.24 -4.20 -11.56	65.16 -3.54 -18.16	62.87 -3.97 -15.32	57.03 -3.63 -15.33	67.26 -4.67 -12.83	61.66 -4.23 -13.66	57.22 -3.82 -13.90	56.96 -3.76 -13.78	58.05 -4.01 -13.69	58.32 -3.75 -15.73	73.37 -5.17 -16.94	95.10 -6.50 -20.43	90.79 -6.51 -16.88	78.07 -5.98 -15.34	75.32 -6.42 -11.14	76.36 -6.35 -12.18	75.01 -5.78 -10.31	76.22 -4.38 -9.95
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	121.01 5.15 -45.26	109.01 4.86 -33.77	114.78 4.64 -39.90	113.22 4.57 -38.34	117.53 4.43 -42.78	125.53 3.59 -57.75	146.24 3.93 -73.42	168.91 3.03 -115.34	152.11 3.25 -97.35	145.81 3.08 -97.40	144.50 3.90 -81.49	142.45 3.45 -86.77	138.61 3.16 -88.31	137.62 3.14 -87.54	138.56 3.24 -86.94	149.32 3.06 -99.91	173.41 4.19 -107.62	217.88 5.84 -130.87	203.88 5.55 -117.91	187.69 4.74 -114.24	159.54 5.86 -83.07	153.50 5.50 -77.46	141.64 5.57 -65.59	139.50 5.58 -63.26
MILLWOOD_13_KV_LOAD 356217	121.29 5.44 -45.26	109.22 5.07 -33.77	114.99 4.85 -39.90	113.43 4.78 -38.34	117.74 4.64 -42.78	125.73 3.79 -57.75	146.51 4.20 -73.42	169.11 3.23 -115.34	152.26 3.40 -97.35	145.95 3.22 -97.40	144.73 4.14 -81.49	142.66 3.66 -86.77	138.79 3.35 -88.31	137.76 3.29 -87.54	138.70 3.39 -86.94	149.46 3.20 -99.91	173.65 4.44 -107.62	218.21 6.17 -130.87	204.21 5.87 -117.91	187.97 5.02 -114.24	159.82 6.14 -83.07	153.78 5.78 -77.46	141.85 5.78 -65.59	139.71 5.79 -63.26
MODEL_CITY_ENERGY 24167	72.00 -6.07 -7.48	69.49 -6.47 -5.58	70.09 -6.74 -6.59	69.90 -6.75 -6.33	70.77 -6.61 -7.07	68.48 -5.26 -9.55	74.21 -6.82 -12.14	63.95 -5.66 -19.08	61.48 -6.13 -16.10	55.90 -5.53 -16.11	65.43 -7.15 -13.48	60.21 -6.37 -14.35	55.99 -5.75 -14.61	55.78 -5.63 -14.48	56.80 -5.95 -14.38	57.22 -5.66 -16.52	71.57 -7.82 -17.80	92.41 -10.15 -21.40	87.40 -10.14 -17.11	74.86 -9.00 -15.15	72.21 -9.39 -11.00	74.09 -9.24 -12.79	72.85 -8.46 -10.83	74.32 -6.78 -10.45
MODERN_LFGE___ 323580	72.00 -6.07 -7.48	69.49 -6.47 -5.58	70.09 -6.74 -6.59	69.90 -6.75 -6.33	70.77 -6.61 -7.07	68.48 -5.26 -9.55	74.21 -6.82 -12.14	63.95 -5.66 -19.08	61.48 -6.13 -16.10	55.90 -5.53 -16.11	65.43 -7.15 -13.48	60.21 -6.37 -14.35	55.99 -5.75 -14.61	55.78 -5.63 -14.48	56.80 -5.95 -14.38	57.22 -5.66 -16.52	71.57 -7.82 -17.80	92.41 -10.15 -21.40	87.40 -10.14 -17.11	74.86 -9.00 -15.15	72.21 -9.39 -11.00	74.09 -9.24 -12.79	72.85 -8.46 -10.83	74.32 -6.78 -10.45
MOHAWK_PAPER___DRP 24187	134.01 3.32 -60.09	118.53 3.31 -44.84	126.45 3.23 -52.98	124.45 3.23 -50.90	130.35 3.23 -56.80	142.99 2.12 -76.68	168.58 2.20 -97.48	156.34 1.57 -104.23	148.43 1.65 -95.27	147.13 1.36 -100.44	138.54 1.83 -77.60	138.68 1.67 -84.78	137.63 1.51 -88.98	137.27 1.50 -88.83	137.19 1.60 -87.22	142.84 1.48 -95.01	175.71 1.91 -112.20	257.41 2.68 -173.57	239.47 2.57 -156.47	222.51 2.13 -151.67	184.06 3.04 -110.42	176.41 3.03 -102.85	160.60 3.03 -87.09	157.83 3.18 -84.00
MOHICAN___35_KV_115KV_LD 80490	138.25 6.21 -61.44	122.21 5.98 -45.84	130.30 5.90 -54.16	128.19 5.84 -52.04	134.37 5.98 -58.07	147.78 5.20 -78.40	174.41 5.86 -99.66	234.64 3.49 -180.62	204.08 3.71 -148.86	194.65 2.90 -146.42	188.50 3.72 -125.67	188.28 3.29 -132.75	183.79 2.88 -133.78	182.15 2.91 -132.30	183.26 3.00 -131.89	203.56 2.97 -154.24	227.02 4.13 -161.30	264.51 5.44 -177.91	246.20 5.39 -160.39	228.36 4.19 -155.46	188.58 5.08 -112.90	182.03 6.35 -105.15	165.58 6.06 -89.04	162.33 5.79 -85.88
MONGAUP___HYD 23641	117.18 5.01 -41.56	106.19 4.79 -31.02	111.38 4.50 -36.64	110.03 4.50 -35.21	113.97 4.36 -39.29	120.56 3.34 -53.04	140.17 3.86 -67.43	158.89 2.43 -105.93	143.39 2.47 -89.41	137.41 2.63 -89.45	137.14 3.19 -74.84	134.59 2.66 -79.69	130.64 2.40 -81.10	129.72 2.39 -80.39	130.78 2.56 -79.84	140.56 2.45 -91.76	164.19 3.76 -98.84	206.14 4.79 -120.19	193.36 4.66 -108.28	178.14 4.53 -104.90	152.39 5.51 -76.27	146.75 5.08 -71.13	135.79 5.08 -60.23	133.70 4.94 -58.10
MONTAUK___DIESEL 23721	124.95 8.83 -45.52	112.52 8.16 -33.97	117.89 7.52 -40.14	116.26 7.38 -38.56	120.45 7.10 -43.03	128.96 6.68 -58.10	149.77 7.03 -73.85	170.97 4.40 -116.03	154.24 4.79 -97.94	147.81 4.49 -97.99	147.91 6.80 -82.00	148.73 5.95 -90.55	145.93 5.42 -93.37	145.78 5.30 -93.54	148.67 5.66 -94.63	155.22 5.56 -103.31	201.55 7.82 -132.13	250.65 9.41 -160.08	219.04 8.77 -129.85	216.59 8.86 -139.02	194.53 9.88 -114.04	181.36 9.45 -101.38	145.98 9.51 -65.99	143.63 9.33 -63.65
MOONROAD_115KV_HARTFLD_TB1-2 355988	75.32 -3.81 -8.53	72.39 -4.36 -6.36	72.98 -4.78 -7.52	72.69 -4.85 -7.23	73.67 -4.71 -8.06	71.81 -3.27 -10.90	78.47 -4.27 -13.85	68.76 -3.54 -21.76	65.81 -4.07 -18.37	59.99 -3.72 -18.38	69.58 -4.91 -15.37	64.16 -4.44 -16.37	59.93 -3.87 -16.66	59.70 -3.75 -16.51	60.76 -4.02 -16.40	61.40 -3.80 -18.85	76.73 -5.17 -20.30	98.87 -6.74 -24.44	93.41 -6.84 -19.82	80.48 -5.98 -17.74	77.08 -6.42 -12.90	78.59 -6.56 -14.61	76.86 -5.99 -12.37	78.06 -4.52 -11.92

MORRIS_RIDGE___SOLAR 323848	76.83 -3.60 -9.83	73.64 -4.08 -7.34	74.55 -4.35 -8.67	74.22 -4.43 -8.33	75.18 -4.43 -9.29	73.28 -3.47 -12.56	80.58 -4.27 -15.96	72.13 -3.49 -25.08	68.82 -3.86 -21.17	62.88 -3.63 -21.18	71.98 -4.85 -17.72	66.66 -4.44 -18.87	62.38 -3.96 -19.20	62.12 -3.85 -19.03	63.31 -3.97 -18.90	64.41 -3.66 -21.73	80.01 -4.99 -23.40	103.19 -6.25 -28.28	98.07 -6.27 -23.92	85.35 -5.50 -22.14	81.03 -5.65 -16.08	81.71 -5.65 -16.83	79.51 -5.21 -14.25	80.23 -4.17 -13.74
MORTIMER_115KV_TB3 55949	74.56 -2.12 -6.07	72.52 -2.39 -4.53	72.92 -2.67 -5.35	72.86 -2.60 -5.14	73.53 -2.53 -5.74	70.15 -1.80 -7.76	76.55 -2.20 -9.87	64.17 -1.87 -15.50	62.43 -2.16 -13.08	56.47 -1.95 -13.09	67.58 -2.48 -10.95	61.60 -2.30 -11.66	56.98 -2.03 -11.87	56.78 -1.92 -11.77	57.88 -2.18 -11.68	57.74 -2.04 -13.43	73.35 -2.71 -14.46	95.20 -3.57 -17.61	92.95 -3.54 -16.07	81.24 -3.16 -15.70	78.48 -3.53 -11.41	77.42 -3.53 -10.41	76.12 -3.17 -8.82	76.74 -2.40 -8.49
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	121.84 5.72 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.20 4.85 -43.03	126.26 3.98 -58.09	146.94 4.20 -73.85	169.83 3.28 -116.01	152.93 3.50 -97.92	146.70 3.40 -97.97	145.39 4.31 -81.96	143.37 3.87 -87.28	139.50 3.54 -88.82	138.50 3.52 -88.05	139.45 3.63 -87.44	150.23 3.38 -100.49	174.53 4.68 -108.25	219.21 6.41 -131.64	205.22 6.19 -118.60	188.91 5.29 -114.91	160.58 6.42 -83.56	154.51 6.07 -77.91	142.58 6.13 -65.97	140.43 6.15 -63.63
MUNSVILLE_WIND_PWR 323609	92.43 6.78 -15.05	87.81 6.20 -11.23	89.69 6.18 -13.27	89.18 6.11 -12.75	90.66 6.11 -14.23	89.12 5.71 -19.22	100.00 6.68 -24.43	93.82 4.90 -38.38	88.75 4.84 -32.40	81.77 4.03 -32.41	91.31 5.08 -27.12	85.55 4.44 -28.88	80.58 4.05 -29.39	79.96 3.89 -29.13	81.28 3.97 -28.93	83.68 4.08 -33.25	103.02 5.60 -35.82	132.65 7.96 -43.52	127.41 8.04 -38.94	112.86 6.60 -37.55	105.16 7.27 -27.29	103.28 6.98 -25.76	98.91 6.62 -21.81	98.12 6.43 -21.04
N SALMON___HYD 24042	69.89 -0.71 0.00	69.68 -0.70 0.00	69.61 -0.63 0.00	69.68 -0.63 0.00	69.48 -0.84 0.00	61.17 -4.11 -1.10	65.81 -4.48 -1.39	49.64 -3.08 -2.19	50.01 -3.35 -1.85	44.09 -3.08 -1.85	56.87 -3.78 -1.55	50.59 -3.29 -1.65	45.18 -3.63 -1.68	44.84 -3.76 -1.66	46.30 -3.72 -1.65	44.68 -3.57 -1.90	58.96 -4.68 -2.04	75.04 -8.61 -2.48	75.19 -7.48 -2.24	65.93 -4.95 -2.17	69.68 -0.92 0.00	69.54 -0.99 0.00	69.28 -1.20 0.00	69.38 -1.27 0.00
N.AKRON__115KV_KNAPP 355671	73.74 -4.02 -7.16	71.37 -4.36 -5.35	71.85 -4.71 -6.32	71.67 -4.71 -6.07	72.52 -4.57 -6.77	69.94 -3.40 -9.15	76.12 -4.41 -11.64	65.08 -3.74 -18.28	62.72 -4.22 -15.43	56.91 -3.85 -15.44	67.06 -4.97 -12.92	61.49 -4.49 -13.75	57.13 -4.01 -14.00	56.96 -3.85 -13.88	58.00 -4.16 -13.78	58.25 -3.94 -15.84	73.36 -5.30 -17.06	94.83 -6.90 -20.56	90.42 -6.92 -16.92	77.99 -6.05 -15.33	75.04 -6.71 -11.15	76.18 -6.63 -12.28	74.88 -5.99 -10.40	76.08 -4.59 -10.01
N.BELMOR_69_KV_BK1 55787	123.26 7.13 -45.52	111.04 6.69 -33.97	116.49 6.11 -40.14	114.86 5.98 -38.56	119.12 5.77 -43.03	127.35 5.07 -58.10	148.12 5.37 -73.85	170.56 3.99 -116.03	153.72 4.28 -97.93	147.39 4.08 -97.98	146.42 5.32 -82.00	147.47 4.70 -90.54	144.84 4.34 -93.36	144.74 4.27 -93.53	147.40 4.40 -94.62	153.82 4.17 -103.30	199.33 5.61 -132.12	248.78 7.55 -160.07	217.58 7.32 -129.84	213.97 6.25 -139.01	192.19 7.55 -114.04	179.02 7.12 -101.37	144.00 7.54 -65.98	141.72 7.42 -63.64
N.E_GEN_SANDY PD 24062	128.52 4.31 -53.61	115.42 4.37 -40.67	121.72 4.21 -47.27	119.74 4.01 -45.42	125.00 4.01 -50.68	135.62 3.02 -68.42	159.03 3.17 -86.97	201.47 2.28 -148.65	177.56 2.37 -123.67	169.94 2.13 -122.48	165.94 2.78 -104.05	165.01 2.51 -110.27	160.96 2.26 -111.56	159.62 2.25 -110.43	160.67 2.37 -109.92	176.16 2.22 -127.59	199.44 2.84 -135.01	240.20 3.98 -155.06	223.93 3.78 -139.73	200.77 3.23 -128.83	180.13 4.52 -105.01	166.87 4.58 -91.76	153.27 4.65 -78.14	150.00 4.45 -74.89
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	119.27 4.80 -43.87	107.62 4.50 -32.73	113.13 4.21 -38.67	111.62 4.15 -37.16	115.86 4.08 -41.46	123.44 3.27 -55.98	143.64 3.58 -71.16	165.11 2.78 -111.79	148.86 2.99 -94.36	142.59 2.86 -94.41	141.70 3.61 -78.98	139.52 3.19 -84.11	135.66 2.92 -85.60	134.65 2.86 -84.85	135.59 2.95 -84.27	145.96 2.78 -96.83	169.78 3.88 -104.30	213.44 5.44 -126.84	199.93 5.23 -114.27	183.89 4.47 -110.71	156.62 5.51 -80.52	150.76 5.15 -75.08	139.27 5.22 -63.58	137.13 5.16 -61.32
N.QUEENS_27_KV_LOAD 356247	122.90 6.78 -45.53	110.41 6.05 -33.97	116.21 5.83 -40.14	114.65 5.77 -38.57	119.05 5.70 -43.03	127.03 4.75 -58.10	147.69 4.96 -73.84	169.83 3.28 -116.00	152.83 3.40 -97.91	146.78 3.49 -97.96	145.49 4.43 -81.95	143.38 3.87 -87.28	139.69 3.72 -88.83	138.65 3.66 -88.05	139.60 3.77 -87.45	150.23 3.38 -100.50	174.53 4.68 -108.25	219.45 6.66 -131.63	205.45 6.43 -118.59	189.05 5.43 -114.91	160.66 6.50 -83.56	154.59 6.14 -77.92	142.94 6.48 -65.98	140.65 6.36 -63.64
N.TROY___115KV_TB1 355778	134.88 3.95 -60.33	119.41 4.01 -45.02	127.36 3.93 -53.18	125.22 3.80 -51.10	131.21 3.87 -57.02	144.06 2.89 -76.98	169.85 3.10 -97.86	269.78 2.27 -216.97	227.59 2.37 -173.70	214.45 1.95 -167.17	209.83 2.54 -148.18	209.48 2.25 -155.01	203.42 2.03 -154.26	201.05 2.02 -152.10	202.86 2.13 -152.35	230.49 2.09 -182.05	247.60 2.65 -183.35	259.65 3.49 -175.00	241.56 3.38 -157.76	224.44 2.82 -152.92	185.27 3.81 -110.86	177.73 3.95 -103.25	161.92 4.02 -87.43	158.80 3.82 -84.33
NARROWS_GT1_1 24228	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT1_2 24229	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT1_3 24230	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT1_4 24231	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64

NARROWS_GT1_5 24232	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT1_6 24233	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT1_7 24234	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT1_8 24235	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_1 24236	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_2 24237	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_3 24238	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_4 24239	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_5 24240	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_6 24241	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_7 24242	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NARROWS_GT2_8 24243	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	130.23 3.81 -55.82	115.77 3.73 -41.65	123.03 3.58 -49.21	121.25 3.66 -47.28	126.73 3.66 -52.76	137.98 2.57 -71.23	162.33 2.89 -90.55	179.21 1.92 -126.76	162.72 1.91 -109.30	157.67 1.36 -110.98	151.57 1.65 -90.81	150.92 1.31 -97.38	148.18 1.08 -99.96	147.35 1.13 -99.28	147.87 1.21 -98.29	158.95 1.30 -111.30	186.76 2.16 -123.01	245.68 3.17 -161.35	229.12 3.30 -145.40	212.22 2.61 -140.90	176.56 3.46 -102.50	169.17 3.10 -95.54	154.61 3.24 -80.89	152.35 3.67 -78.03
NCHELSEA_115KV_TR2 355582	121.91 5.86 -45.45	109.93 5.63 -33.92	115.65 5.34 -40.07	114.16 5.34 -38.50	118.48 5.20 -42.96	126.55 4.36 -58.00	147.52 4.89 -73.73	170.01 3.64 -115.83	153.09 3.81 -97.77	146.64 3.49 -97.82	145.38 4.43 -81.84	143.19 3.81 -87.14	139.27 3.44 -88.69	138.23 3.38 -87.91	139.22 3.53 -87.31	150.02 3.34 -100.34	174.48 4.80 -108.08	219.25 6.66 -131.43	205.35 6.51 -118.42	188.94 5.50 -114.73	160.67 6.64 -83.43	154.46 6.14 -77.79	142.62 6.27 -65.87	140.41 6.22 -63.54
NEG CAPITAL___MECHNVIL 23645	136.80 5.15 -61.05	120.94 5.00 -45.56	128.98 4.92 -53.82	126.88 4.85 -51.71	132.94 4.92 -57.71	146.20 4.11 -77.90	172.40 4.48 -99.03	245.91 3.13 -192.24	211.61 3.30 -156.79	201.04 2.67 -153.03	195.45 3.49 -132.86	195.17 3.08 -139.86	190.18 2.73 -140.31	188.27 2.72 -138.61	189.65 2.85 -138.41	212.30 2.83 -163.13	233.68 3.76 -168.32	263.00 4.95 -176.88	244.79 4.91 -159.46	227.26 3.98 -154.56	187.65 4.87 -112.18	179.88 4.86 -104.48	164.03 5.08 -88.47	160.86 4.87 -85.34

NEG CENTRAL_HIGH_ACRES 23767	73.92 -2.61 -5.93	71.85 -2.95 -4.42	72.31 -3.16 -5.23	72.24 -3.09 -5.02	72.90 -3.02 -5.60	69.46 -2.31 -7.58	75.90 -2.62 -9.63	63.65 -2.02 -15.13	62.02 -2.27 -12.77	56.07 -2.04 -12.78	67.20 -2.60 -10.69	61.32 -2.30 -11.38	56.65 -2.07 -11.58	56.36 -2.06 -11.48	57.56 -2.22 -11.40	57.32 -2.13 -13.11	72.82 -2.89 -14.12	94.71 -3.65 -17.20	92.56 -3.62 -15.76	80.78 -3.37 -15.44	78.28 -3.53 -11.21	77.08 -3.59 -10.14	75.68 -3.38 -8.59	76.18 -2.76 -8.28
NEG CENTRAL___DRP 24199	77.13 -0.21 -6.74	74.92 -0.49 -5.03	75.48 -0.70 -5.94	75.32 -0.70 -5.71	76.06 -0.63 -6.37	72.61 -0.19 -8.62	79.78 -0.07 -10.96	67.75 0.00 -17.21	65.84 -0.21 -14.53	59.64 -0.23 -14.54	70.91 -0.35 -12.16	64.82 -0.37 -12.95	59.99 -0.33 -13.18	59.77 -0.23 -13.06	61.01 -0.34 -12.97	60.94 -0.32 -14.91	77.29 -0.37 -16.06	99.96 -0.73 -19.53	97.33 -0.64 -17.55	85.13 -0.55 -16.97	82.45 -0.49 -12.34	81.39 -0.71 -11.56	79.70 -0.56 -9.79	79.80 -0.28 -9.43
NEG CENTRAL___INDECK 23768	79.22 0.07 -8.55	76.35 -0.42 -6.38	76.94 -0.84 -7.54	76.79 -0.77 -7.24	77.70 -0.70 -8.08	75.24 0.13 -10.92	82.92 0.14 -13.89	72.35 0.00 -21.82	69.51 -0.41 -18.41	63.16 -0.59 -18.42	73.57 -0.95 -15.41	67.65 -0.99 -16.41	62.94 -0.90 -16.70	62.65 -0.84 -16.56	63.90 -0.92 -16.44	64.41 -0.83 -18.90	81.03 -0.92 -20.36	105.19 -0.65 -24.68	101.28 -0.73 -21.58	88.22 -0.96 -20.48	84.27 -1.20 -14.87	83.82 -1.34 -14.63	81.67 -1.20 -12.39	82.19 -0.42 -11.95
NEG CENTRAL___SENECA 23627	77.42 -0.49 -7.32	75.00 -0.84 -5.46	75.57 -1.12 -6.45	75.46 -1.05 -6.20	76.18 -1.05 -6.92	73.15 -0.39 -9.35	80.36 -0.41 -11.88	68.96 -0.25 -18.67	66.76 -0.52 -15.76	60.55 -0.54 -15.77	71.47 -0.83 -13.19	65.49 -0.78 -14.05	60.73 -0.71 -14.30	60.50 -0.61 -14.17	61.77 -0.68 -14.07	61.87 -0.65 -16.17	78.22 -0.80 -17.42	100.88 -1.46 -21.18	97.96 -1.45 -18.99	85.94 -1.10 -18.33	82.87 -1.06 -13.33	81.73 -1.34 -12.54	79.97 -1.13 -10.62	80.17 -0.71 -10.23
NEG CENTRAL___STATE_STREET 24147	77.82 0.56 -6.65	75.63 0.28 -4.96	76.24 0.14 -5.86	76.16 0.21 -5.63	76.81 0.21 -6.29	73.20 0.51 -8.50	80.46 0.76 -10.81	68.18 0.66 -16.98	66.46 0.62 -14.33	60.21 0.54 -14.34	71.75 0.65 -12.00	65.53 0.52 -12.78	60.66 0.52 -13.00	60.39 0.56 -12.89	61.66 0.48 -12.80	61.47 0.42 -14.71	78.06 0.62 -15.84	101.24 0.81 -19.27	98.60 0.80 -17.37	86.17 0.62 -16.84	83.55 0.71 -12.24	82.36 0.42 -11.40	80.49 0.35 -9.66	80.44 0.49 -9.30
NEG MILLWOOD___DRP 24198	122.89 6.35 -45.93	110.71 6.05 -34.27	116.63 5.90 -40.49	114.92 5.70 -38.91	119.36 5.63 -43.42	127.55 4.75 -58.61	148.92 5.51 -74.51	171.74 4.14 -117.06	154.54 4.22 -98.80	148.03 3.85 -98.85	146.72 4.91 -82.70	144.58 4.28 -88.07	140.63 3.87 -89.63	139.58 3.80 -88.84	140.53 3.92 -88.23	151.46 3.71 -101.40	176.06 5.24 -109.22	221.37 7.39 -132.82	207.25 7.16 -119.67	190.70 6.05 -115.95	162.19 7.27 -84.31	155.92 6.77 -78.62	143.74 6.70 -66.57	141.57 6.71 -64.21
NEG NORTH_FLCN_SEA 23793	70.18 -0.42 0.00	69.82 -0.56 0.00	69.75 -0.49 0.00	69.82 -0.49 0.00	69.68 -0.63 0.00	59.95 -4.24 0.00	63.66 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.70 -3.63 0.00	54.61 -4.49 0.00	48.42 -3.81 0.00	42.94 -4.20 0.00	42.62 -4.32 0.00	44.07 -4.31 0.00	42.22 -4.12 0.00	56.18 -5.42 0.00	73.13 -8.04 0.00	73.11 -7.32 0.00	62.94 -5.77 0.00	68.98 -1.62 0.00	68.98 -1.55 0.00	68.72 -1.76 0.00	69.52 -1.13 0.00
NEG NORTH_KES_CHATEGAY 23792	69.26 -1.34 0.00	69.05 -1.34 0.00	68.98 -1.26 0.00	69.05 -1.27 0.00	68.91 -1.41 0.00	60.24 -4.94 -1.00	64.58 -5.58 -1.27	48.63 -3.89 -1.99	49.02 -4.17 -1.68	43.20 -3.81 -1.68	55.78 -4.73 -1.40	49.65 -4.07 -1.50	44.28 -4.38 -1.52	43.94 -4.51 -1.51	45.38 -4.50 -1.50	43.76 -4.31 -1.72	57.85 -5.61 -1.86	75.14 -8.28 -2.26	74.90 -7.56 -2.03	64.70 -5.98 -1.97	70.20 -1.84 -1.43	70.10 -1.76 -1.34	69.71 -1.90 -1.13	68.82 -1.84 0.00
NEG NORTH___ALICE_FALLS 23915	70.39 -0.21 0.00	70.10 -0.28 0.00	70.03 -0.21 0.00	70.03 -0.28 0.00	69.89 -0.42 0.00	60.27 -3.92 0.00	64.21 -4.68 0.00	47.30 -3.23 0.00	48.01 -3.50 0.00	42.06 -3.26 0.00	55.09 -4.02 0.00	48.84 -3.40 0.00	43.32 -3.82 0.00	42.95 -3.99 0.00	44.46 -3.92 0.00	42.59 -3.75 0.00	56.67 -4.93 0.00	73.78 -7.39 0.00	73.75 -6.68 0.00	63.49 -5.22 0.00	69.54 -1.06 0.00	69.47 -1.06 0.00	69.28 -1.20 0.00	69.74 -0.92 0.00
NEG NORTH___LWR_SARANAC 23913	70.39 -0.21 0.00	70.10 -0.28 0.00	70.03 -0.21 0.00	70.03 -0.28 0.00	69.89 -0.42 0.00	60.27 -3.92 0.00	64.21 -4.68 0.00	47.30 -3.23 0.00	48.01 -3.50 0.00	42.06 -3.26 0.00	55.09 -4.02 0.00	48.84 -3.40 0.00	43.32 -3.82 0.00	42.95 -3.99 0.00	44.46 -3.92 0.00	42.59 -3.75 0.00	56.67 -4.93 0.00	73.78 -7.39 0.00	73.75 -6.68 0.00	63.49 -5.22 0.00	69.54 -1.06 0.00	69.47 -1.06 0.00	69.28 -1.20 0.00	69.74 -0.92 0.00
NEG NORTH___PLATTSBURG 23628	70.32 -0.28 0.00	70.11 -0.28 0.00	70.03 -0.21 0.00	70.04 -0.28 0.00	69.90 -0.42 0.00	60.27 -3.92 0.00	64.20 -4.69 0.00	47.30 -3.24 0.00	48.01 -3.50 0.00	42.06 -3.26 0.00	55.09 -4.02 0.00	48.78 -3.45 0.00	43.32 -3.82 0.00	42.99 -3.94 0.00	44.46 -3.92 0.00	42.60 -3.75 0.00	56.67 -4.93 0.00	72.32 -8.84 0.00	72.70 -7.72 0.00	63.56 -5.15 0.00	69.47 -1.13 0.00	69.40 -1.13 0.00	69.21 -1.27 0.00	69.66 -0.99 0.00
NEG WEST_LEA_LOCKPORT 23791	72.20 -5.79 -7.39	69.85 -6.05 -5.52	70.36 -6.39 -6.52	70.18 -6.40 -6.26	71.04 -6.26 -6.99	68.69 -4.94 -9.44	74.56 -6.34 -12.01	64.09 -5.31 -18.86	61.56 -5.87 -15.92	56.04 -5.21 -15.93	65.64 -6.80 -13.33	60.31 -6.11 -14.19	56.16 -5.42 -14.44	55.99 -5.26 -14.31	56.98 -5.61 -14.22	57.36 -5.33 -16.34	71.93 -7.27 -17.60	92.76 -9.58 -21.18	87.95 -9.57 -17.09	75.64 -8.31 -15.25	72.79 -8.90 -11.09	74.45 -8.75 -12.67	73.24 -7.96 -10.73	74.63 -6.36 -10.33
NEG WEST___LANCASTER 23811	72.69 -6.57 -8.65	69.87 -6.97 -6.46	70.63 -7.23 -7.63	70.40 -7.24 -7.33	71.32 -7.17 -8.18	69.46 -5.78 -11.05	75.98 -6.96 -14.05	67.00 -5.61 -22.07	64.07 -6.08 -18.63	58.53 -5.44 -18.64	67.61 -7.09 -15.59	62.52 -6.32 -16.61	58.43 -5.61 -16.90	58.24 -5.44 -16.75	59.26 -5.76 -16.64	60.00 -5.47 -19.12	74.80 -7.39 -20.59	96.22 -9.74 -24.80	90.86 -9.73 -20.17	78.43 -8.38 -18.10	75.15 -8.61 -13.16	76.40 -8.96 -14.82	74.64 -8.39 -12.55	75.68 -7.07 -12.09
NEG_PENN_ALLEGHNY 23528	86.65 0.35 -15.70	82.17 0.07 -11.71	84.08 0.00 -13.84	83.61 0.00 -13.30	85.15 0.00 -14.84	84.35 0.13 -20.04	94.57 0.21 -25.47	90.66 0.10 -40.02	85.29 0.00 -33.78	79.12 0.00 -33.80	87.32 -0.06 -28.28	82.29 -0.05 -30.11	77.73 -0.05 -30.64	77.31 0.00 -30.37	78.54 0.00 -30.17	81.02 0.00 -34.67	98.94 0.00 -37.34	126.60 0.08 -45.35	120.88 0.08 -40.37	107.50 0.00 -38.79	99.00 0.21 -28.19	97.46 0.07 -26.86	93.29 0.07 -22.75	92.95 0.36 -21.94
NEG___GEN_MONROE 24207	74.40 -2.33 -6.13	72.43 -2.53 -4.57	72.91 -2.74 -5.41	72.77 -2.74 -5.19	73.44 -2.67 -5.80	70.16 -1.86 -7.84	76.37 -2.48 -9.96	64.01 -2.17 -15.65	62.30 -2.42 -13.21	56.28 -2.27 -13.22	67.21 -2.96 -11.06	61.29 -2.72 -11.77	56.67 -2.45 -11.98	56.42 -2.39 -11.88	57.51 -2.66 -11.80	57.40 -2.50 -13.56	72.87 -3.33 -14.60	94.63 -4.30 -17.77	92.43 -4.10 -16.11	80.74 -3.64 -15.68	77.83 -4.17 -11.40	76.95 -4.09 -10.51	75.78 -3.59 -8.90	76.61 -2.61 -8.57

NEPA__ENERGY 23901	74.26 -4.52 -8.18	71.56 -4.93 -6.10	72.18 -5.27 -7.21	71.97 -5.27 -6.93	72.84 -5.20 -7.73	70.78 -3.85 -10.45	77.14 -5.03 -13.28	67.16 -4.25 -20.86	64.39 -4.74 -17.61	58.69 -4.26 -17.62	68.29 -5.56 -14.74	62.86 -5.07 -15.70	58.68 -4.43 -15.97	58.50 -4.27 -15.83	59.51 -4.60 -15.73	60.06 -4.36 -18.07	75.15 -5.91 -19.47	96.78 -7.79 -23.41	91.39 -7.80 -18.77	78.56 -6.80 -16.65	75.44 -7.27 -12.11	77.28 -7.26 -14.01	75.72 -6.62 -11.87	77.00 -5.09 -11.43
NEVERSINK__HYD 23608	117.80 5.86 -41.34	106.79 5.56 -30.85	111.96 5.27 -36.45	110.68 5.34 -35.02	114.60 5.20 -39.08	121.43 4.49 -52.76	141.06 5.10 -67.07	159.74 3.84 -105.36	144.35 3.91 -88.93	137.79 3.49 -88.97	137.86 4.31 -74.44	135.15 3.66 -79.26	131.06 3.25 -80.67	130.14 3.24 -79.96	131.13 3.34 -79.42	140.85 3.24 -91.26	164.71 4.81 -98.30	207.52 6.82 -119.54	194.95 6.83 -107.69	178.74 5.70 -104.33	153.24 6.78 -75.87	147.56 6.28 -70.75	136.73 6.35 -59.91	134.59 6.14 -57.79
NEWKRMKL_115KV_TB1 55635	132.92 2.47 -59.85	117.51 2.46 -44.66	125.39 2.39 -52.77	123.41 2.39 -50.70	129.28 2.39 -56.58	141.65 1.09 -76.38	167.02 1.03 -97.09	172.06 0.71 -120.81	159.04 0.82 -106.70	156.09 0.68 -110.08	147.97 0.95 -87.92	148.09 0.84 -95.02	146.35 0.75 -98.45	145.74 0.80 -98.00	145.88 0.82 -96.68	154.81 0.74 -107.72	185.01 0.99 -122.42	255.50 1.38 -172.96	237.64 1.29 -155.92	220.88 1.03 -151.14	182.42 1.84 -109.99	174.74 1.76 -102.44	159.05 1.83 -86.74	156.72 2.40 -83.67
NEWTON__FALLS_HYD 23847	69.88 -1.98 -1.25	69.35 -1.97 -0.93	69.45 -1.90 -1.10	69.48 -1.90 -1.06	69.53 -1.97 -1.18	62.36 -3.79 -1.96	67.52 -3.86 -2.49	51.82 -2.63 -3.91	51.98 -2.83 -3.30	46.05 -2.58 -3.30	58.50 -3.37 -2.76	52.35 -2.82 -2.94	47.26 -2.88 -3.00	46.95 -2.96 -2.97	48.37 -2.95 -2.95	47.00 -2.73 -3.39	61.55 -3.70 -3.65	80.41 -5.19 -4.44	79.68 -4.75 -4.00	68.67 -3.92 -3.88	72.01 -1.41 -2.82	71.68 -1.48 -2.63	70.94 -1.76 -2.22	70.35 -2.05 -1.75
NGRID_A1_DSASP 323792	72.34 -5.79 -7.52	69.81 -6.19 -5.62	70.48 -6.39 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.79 -5.01 -9.61	74.36 -6.75 -12.22	64.08 -5.66 -19.20	61.54 -6.18 -16.21	56.01 -5.53 -16.21	65.52 -7.15 -13.57	60.25 -6.43 -14.45	56.09 -5.75 -14.70	55.88 -5.63 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.57 -7.95 -17.92	92.35 -10.31 -21.49	86.91 -10.30 -16.78	74.12 -9.14 -14.55	71.70 -9.46 -10.56	74.17 -9.24 -12.88	72.99 -8.39 -10.90	74.67 -6.50 -10.52
NGRID_A2_DSASP 323793	72.34 -5.79 -7.52	69.81 -6.19 -5.62	70.48 -6.39 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.79 -5.01 -9.61	74.36 -6.75 -12.22	64.08 -5.66 -19.20	61.54 -6.18 -16.21	56.01 -5.53 -16.21	65.52 -7.15 -13.57	60.25 -6.43 -14.45	56.09 -5.75 -14.70	55.88 -5.63 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.57 -7.95 -17.92	92.35 -10.31 -21.49	86.91 -10.30 -16.78	74.12 -9.14 -14.55	71.70 -9.46 -10.56	74.17 -9.24 -12.88	72.99 -8.39 -10.90	74.67 -6.50 -10.52
NGRID_A4_DSASP 323807	72.34 -5.79 -7.52	69.81 -6.19 -5.62	70.48 -6.39 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.79 -5.01 -9.61	74.36 -6.75 -12.22	64.08 -5.66 -19.20	61.54 -6.18 -16.21	56.01 -5.53 -16.21	65.52 -7.15 -13.57	60.25 -6.43 -14.45	56.09 -5.75 -14.70	55.88 -5.63 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.57 -7.95 -17.92	92.35 -10.31 -21.49	86.91 -10.30 -16.78	74.12 -9.14 -14.55	71.70 -9.46 -10.56	74.17 -9.24 -12.88	72.99 -8.39 -10.90	74.67 -6.50 -10.52
NIAGARA_115E_LBMP 323715	71.72 -6.42 -7.54	69.19 -6.83 -5.63	69.80 -7.09 -6.65	69.68 -7.03 -6.39	70.49 -6.96 -7.13	68.24 -5.58 -9.64	73.98 -7.17 -12.25	63.83 -5.96 -19.25	61.27 -6.49 -16.25	55.78 -5.80 -16.26	65.20 -7.51 -13.60	59.98 -6.74 -14.48	55.84 -6.03 -14.74	55.63 -5.92 -14.61	56.65 -6.24 -14.51	57.09 -5.93 -16.68	71.31 -8.25 -17.96	92.03 -10.72 -21.58	86.87 -10.70 -17.14	74.32 -9.48 -15.09	71.67 -9.88 -10.95	73.78 -9.66 -12.91	72.60 -8.81 -10.93	74.07 -7.13 -10.55
NIAGARA_115W_LBMP 323714	72.18 -5.93 -7.51	69.73 -6.26 -5.61	70.33 -6.53 -6.62	70.21 -6.47 -6.37	71.02 -6.40 -7.10	68.65 -5.14 -9.60	74.21 -6.89 -12.20	63.95 -5.76 -19.17	61.41 -6.29 -16.18	55.90 -5.62 -16.19	65.38 -7.27 -13.55	60.18 -6.48 -14.42	55.97 -5.85 -14.68	55.76 -5.73 -14.55	56.78 -6.05 -14.45	57.16 -5.80 -16.61	71.48 -8.01 -17.89	92.15 -10.47 -21.46	86.70 -10.45 -16.73	73.92 -9.28 -14.48	71.51 -9.60 -10.52	74.01 -9.38 -12.86	72.84 -8.53 -10.89	74.51 -6.64 -10.50
NIAGARA_230_LBMP 323716	72.44 -5.58 -7.42	70.01 -5.91 -5.54	70.67 -6.11 -6.54	70.49 -6.12 -6.29	71.28 -6.05 -7.02	68.86 -4.82 -9.48	74.75 -6.20 -12.06	64.22 -5.26 -18.94	61.78 -5.72 -15.99	56.20 -5.12 -15.99	65.87 -6.62 -13.38	60.53 -5.96 -14.25	56.31 -5.33 -14.50	56.10 -5.21 -14.37	57.14 -5.52 -14.28	57.47 -5.28 -16.41	71.94 -7.33 -17.67	92.76 -9.58 -21.17	87.14 -9.57 -16.29	74.20 -8.45 -13.94	71.89 -8.83 -10.12	74.63 -8.61 -12.70	73.48 -7.75 -10.76	74.95 -6.08 -10.38
NIAGARA__115KV_198_GIBSON 55903	72.11 -6.00 -7.51	69.73 -6.26 -5.61	70.33 -6.53 -6.62	70.14 -6.54 -6.37	70.95 -6.47 -7.10	68.65 -5.13 -9.60	74.21 -6.89 -12.20	63.90 -5.81 -19.17	61.36 -6.34 -16.18	55.85 -5.67 -16.19	65.32 -7.33 -13.55	60.02 -6.63 -14.42	55.97 -5.85 -14.68	55.81 -5.68 -14.55	56.78 -6.05 -14.45	57.16 -5.79 -16.61	71.60 -7.88 -17.89	92.07 -10.55 -21.46	86.70 -10.46 -16.73	74.12 -9.07 -14.48	71.46 -9.67 -10.53	74.03 -9.38 -12.88	72.85 -8.53 -10.90	74.52 -6.64 -10.50
NIAGARA____ 23760	72.56 -5.58 -7.53	70.10 -5.91 -5.62	70.77 -6.11 -6.64	70.58 -6.12 -6.38	71.39 -6.05 -7.12	69.00 -4.82 -9.63	74.90 -6.20 -12.21	64.40 -5.26 -19.12	61.93 -5.72 -16.13	56.35 -5.12 -16.14	65.99 -6.62 -13.50	60.66 -5.96 -14.38	56.45 -5.33 -14.64	56.23 -5.21 -14.51	57.27 -5.52 -14.41	57.62 -5.28 -16.56	72.08 -7.33 -17.81	92.94 -9.58 -21.36	87.49 -9.57 -16.64	74.67 -8.45 -14.41	72.25 -8.83 -10.47	74.74 -8.61 -12.81	73.60 -7.75 -10.87	75.11 -6.08 -10.53
NINE_MILE_1 23575	70.88 -2.40 -2.68	69.85 -2.53 -2.00	70.00 -2.60 -2.36	69.98 -2.60 -2.27	70.32 -2.53 -2.53	65.24 -2.37 -3.43	70.77 -2.48 -4.36	55.57 -1.82 -6.85	55.39 -1.91 -5.78	49.43 -1.68 -5.78	61.76 -2.19 -4.84	55.45 -1.93 -5.15	50.64 -1.74 -5.24	50.40 -1.74 -5.20	51.75 -1.79 -5.16	50.56 -1.71 -5.93	65.65 -2.34 -6.39	85.94 -3.00 -7.78	84.53 -2.97 -7.08	73.00 -2.61 -6.90	73.06 -2.54 -5.00	72.58 -2.54 -4.58	71.82 -2.53 -3.88	71.92 -2.47 -3.74
NINE_MILE_2 23744	70.87 -2.40 -2.67	69.84 -2.53 -1.99	69.99 -2.60 -2.35	69.97 -2.60 -2.26	70.31 -2.53 -2.52	65.23 -2.37 -3.41	70.75 -2.48 -4.34	55.54 -1.82 -6.82	55.36 -1.91 -5.75	49.41 -1.68 -5.76	61.74 -2.19 -4.82	55.43 -1.93 -5.13	50.61 -1.74 -5.22	50.38 -1.74 -5.17	51.73 -1.79 -5.14	50.54 -1.71 -5.91	65.62 -2.34 -6.36	85.90 -3.00 -7.74	84.50 -2.97 -7.05	72.97 -2.61 -6.87	73.04 -2.54 -4.98	72.56 -2.54 -4.56	71.81 -2.53 -3.86	71.91 -2.47 -3.73
NM_CAPITAL__DRP 24208	133.09 2.68 -59.81	117.69 2.67 -44.63	125.57 2.60 -52.73	123.58 2.60 -50.67	129.45 2.60 -56.54	141.86 1.35 -76.32	167.23 1.31 -97.03	162.35 0.91 -110.91	152.29 0.98 -99.80	150.35 0.82 -104.20	141.95 1.12 -81.72	142.12 1.04 -88.84	140.79 0.94 -92.71	140.31 0.94 -92.43	140.29 0.97 -90.94	147.36 0.93 -100.08	178.94 1.17 -116.17	255.58 1.62 -172.79	237.73 1.53 -155.77	220.94 1.24 -150.99	182.63 2.12 -109.91	174.95 2.05 -102.37	159.34 2.18 -86.68	156.81 2.54 -83.61

NM_CENTRAL___DRP 24181	74.44 -0.71 -4.55	72.94 -0.84 -3.39	73.34 -0.91 -4.01	73.26 -0.91 -3.85	73.70 -0.91 -4.30	69.31 -0.71 -5.83	75.68 -0.62 -7.41	61.77 -0.40 -11.64	60.88 -0.46 -9.83	54.75 -0.41 -9.83	66.80 -0.53 -8.22	60.52 -0.47 -8.76	55.63 -0.42 -8.91	55.40 -0.38 -8.83	56.72 -0.44 -8.77	56.01 -0.42 -10.08	71.84 -0.62 -10.86	93.64 -0.73 -13.21	91.53 -0.80 -11.91	79.50 -0.76 -11.54	78.36 -0.64 -8.39	77.57 -0.78 -7.82	76.32 -0.78 -6.62	76.38 -0.64 -6.36
NM_FRONTIER___DRP 24179	72.11 -6.00 -7.51	69.73 -6.26 -5.61	70.33 -6.53 -6.62	70.14 -6.54 -6.37	70.95 -6.47 -7.10	68.65 -5.13 -9.60	74.21 -6.89 -12.20	63.90 -5.81 -19.17	61.36 -6.34 -16.18	55.85 -5.67 -16.19	65.32 -7.33 -13.55	60.02 -6.63 -14.42	55.97 -5.85 -14.68	55.81 -5.68 -14.55	56.78 -6.05 -14.45	57.16 -5.79 -16.61	71.60 -7.88 -17.89	92.07 -10.55 -21.46	86.70 -10.46 -16.73	74.12 -9.07 -14.48	71.46 -9.67 -10.53	74.03 -9.38 -12.88	72.85 -8.53 -10.90	74.52 -6.64 -10.50
NM_ST_REGIS___HYD 24053	68.41 -2.19 0.00	68.27 -2.11 0.00	68.27 -1.97 0.00	68.35 -1.97 0.00	68.21 -2.11 0.00	60.38 -5.13 -1.33	65.07 -5.51 -1.69	49.36 -3.84 -2.66	49.69 -4.07 -2.24	43.86 -3.72 -2.24	56.32 -4.67 -1.88	50.26 -3.97 -2.00	44.93 -4.24 -2.04	44.54 -4.41 -2.02	46.03 -4.35 -2.00	44.48 -4.17 -2.30	58.60 -5.48 -2.48	76.23 -7.95 -3.02	75.83 -7.32 -2.72	65.51 -5.84 -2.64	70.47 -2.05 -1.92	70.34 -1.97 -1.79	69.73 -2.26 -1.51	68.18 -2.47 0.00
NORTHPORT___1 23551	123.89 7.77 -45.52	111.61 7.25 -33.97	116.98 6.60 -40.14	115.42 6.54 -38.56	119.61 6.26 -43.03	127.99 5.71 -58.10	148.60 5.85 -73.85	170.97 4.39 -116.03	154.09 4.64 -97.94	147.85 4.53 -97.99	146.84 5.73 -82.00	147.84 5.07 -90.55	145.22 4.71 -93.37	145.22 4.74 -93.54	147.84 4.84 -94.63	154.11 4.45 -103.31	199.77 6.04 -132.13	249.28 8.04 -160.08	218.16 7.89 -129.85	214.39 6.66 -139.01	192.68 8.05 -114.04	179.73 7.83 -101.37	144.56 8.10 -65.99	142.43 8.12 -63.65
NORTHPORT___2 23552	123.89 7.77 -45.52	111.61 7.25 -33.97	116.98 6.60 -40.14	115.42 6.54 -38.56	119.61 6.26 -43.03	127.99 5.71 -58.10	148.60 5.85 -73.85	170.97 4.39 -116.03	154.09 4.64 -97.94	147.85 4.53 -97.99	146.84 5.73 -82.00	147.84 5.07 -90.55	145.22 4.71 -93.37	145.22 4.74 -93.54	147.84 4.84 -94.63	154.11 4.45 -103.31	199.77 6.04 -132.13	249.28 8.04 -160.08	218.16 7.89 -129.85	214.39 6.66 -139.01	192.68 8.05 -114.04	179.73 7.83 -101.37	144.56 8.10 -65.99	142.43 8.12 -63.65
NORTHPORT___3 23553	122.90 6.78 -45.52	110.69 6.34 -33.97	116.14 5.76 -40.14	114.51 5.63 -38.56	118.76 5.41 -43.03	127.10 4.82 -58.10	147.29 4.55 -73.85	169.80 3.24 -116.02	153.05 3.60 -97.93	147.16 3.85 -97.98	146.07 4.97 -82.00	147.16 4.39 -90.54	144.60 4.10 -93.36	144.60 4.13 -93.53	147.16 4.16 -94.62	153.45 3.80 -103.30	198.90 5.17 -132.12	248.78 7.55 -160.07	217.34 7.08 -129.84	213.83 6.11 -139.01	191.62 6.99 -114.03	178.81 6.92 -101.36	143.65 7.19 -65.98	141.57 7.28 -63.64
NORTHPORT___4 23650	122.90 6.78 -45.52	110.69 6.34 -33.97	116.14 5.76 -40.14	114.51 5.63 -38.56	118.76 5.41 -43.03	127.10 4.82 -58.10	147.29 4.55 -73.85	169.80 3.24 -116.02	153.05 3.60 -97.93	147.16 3.85 -97.98	146.07 4.97 -82.00	147.16 4.39 -90.54	144.60 4.10 -93.36	144.60 4.13 -93.53	147.16 4.16 -94.62	153.45 3.80 -103.30	198.90 5.17 -132.12	248.78 7.55 -160.07	217.34 7.08 -129.84	213.83 6.11 -139.01	191.62 6.99 -114.03	178.81 6.92 -101.36	143.65 7.19 -65.98	141.57 7.28 -63.64
NORTHPORT___IC 23718	123.89 7.77 -45.52	111.61 7.25 -33.97	117.05 6.67 -40.14	115.42 6.54 -38.56	119.61 6.26 -43.03	128.00 5.71 -58.10	148.74 5.99 -73.85	170.97 4.40 -116.03	154.14 4.69 -97.94	147.80 4.49 -97.99	146.90 5.79 -82.00	147.90 5.12 -90.55	145.22 4.71 -93.37	145.17 4.69 -93.54	147.80 4.79 -94.63	154.11 4.45 -103.31	199.77 6.04 -132.13	249.27 8.04 -160.08	218.15 7.88 -129.85	214.46 6.73 -139.01	192.69 8.05 -114.04	179.52 7.62 -101.38	144.64 8.18 -65.99	142.43 8.13 -63.65
NORTH___COUNTRY_ESR 323785	68.98 -1.62 0.00	68.84 -1.55 0.00	68.76 -1.48 0.00	68.77 -1.55 0.00	68.70 -1.61 0.00	60.05 -5.14 -1.00	64.37 -5.79 -1.27	48.44 -4.09 -1.99	48.87 -4.33 -1.68	43.02 -3.99 -1.68	55.61 -4.91 -1.41	49.45 -4.28 -1.50	44.14 -4.53 -1.52	43.85 -4.60 -1.51	45.23 -4.64 -1.50	43.62 -4.45 -1.72	57.60 -5.85 -1.86	73.52 -9.90 -2.26	73.61 -8.85 -2.04	64.43 -6.25 -1.97	68.41 -2.19 0.00	68.42 -2.11 0.00	68.22 -2.26 0.00	68.54 -2.12 0.00
NPX_GEN_1385_PROXY 323591	123.89 7.77 -45.52	111.61 7.25 -33.97	116.98 6.60 -40.14	115.42 6.54 -38.56	119.61 6.26 -43.03	127.99 5.71 -58.10	148.60 5.85 -73.85	170.97 4.39 -116.03	154.09 4.64 -97.94	147.85 4.53 -97.99	146.84 5.73 -82.00	147.84 5.07 -90.55	145.22 4.71 -93.37	145.22 4.74 -93.54	147.84 4.84 -94.63	154.11 4.45 -103.31	199.77 6.04 -132.13	249.28 8.04 -160.08	218.16 7.89 -129.85	214.39 6.66 -139.01	192.68 8.05 -114.04	179.73 7.83 -101.37	144.62 8.10 -66.04	142.37 8.12 -63.60
NPX_GEN_CSC 323557	125.09 8.97 -45.52	112.73 8.37 -33.97	118.03 7.66 -40.14	116.41 7.53 -38.56	120.66 7.31 -43.03	129.08 6.80 -58.10	149.43 6.68 -73.85	171.53 4.96 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.91 6.79 -82.00	148.78 6.00 -90.55	146.02 5.51 -93.37	145.97 5.49 -93.54	148.76 5.75 -94.63	155.22 5.56 -103.31	201.37 7.64 -132.13	251.63 10.39 -160.08	220.32 10.05 -129.85	216.52 8.80 -139.02	194.52 9.88 -114.04	181.70 9.80 -101.37	146.17 9.66 -66.04	143.79 9.53 -63.60
NSINS_S___GLNS_FALLS 23858	138.29 6.21 -61.48	122.25 5.98 -45.88	130.34 5.90 -54.20	128.23 5.84 -52.08	134.41 5.98 -58.11	147.84 5.20 -78.45	174.48 5.86 -99.73	233.23 3.39 -179.30	203.08 3.61 -147.96	193.81 2.81 -145.67	187.57 3.61 -124.85	187.37 3.19 -131.95	182.96 2.78 -133.04	181.34 2.82 -131.58	182.43 2.90 -131.15	202.51 2.92 -153.24	226.10 4.00 -160.50	264.55 5.36 -178.03	246.15 5.23 -160.49	228.33 4.05 -155.56	188.59 5.01 -112.98	182.11 6.35 -105.23	165.57 5.99 -89.10	162.39 5.79 -85.94
NUCOR_STEEL___DRP 24197	77.73 0.71 -6.42	75.67 0.49 -4.79	76.25 0.35 -5.66	76.11 0.35 -5.44	76.81 0.42 -6.07	72.98 0.58 -8.21	80.16 0.83 -10.44	67.54 0.61 -16.40	65.87 0.52 -13.84	59.63 0.45 -13.85	71.23 0.53 -11.59	65.04 0.47 -12.34	60.16 0.47 -12.56	59.90 0.52 -12.45	61.22 0.48 -12.36	61.02 0.46 -14.21	77.52 0.62 -15.30	100.58 0.81 -18.61	98.01 0.80 -16.78	85.66 0.69 -16.26	83.20 0.78 -11.82	82.11 0.56 -11.01	80.37 0.56 -9.33	80.34 0.71 -8.98
NUMBER_THREE_WT_PWR 323818	72.38 0.07 -1.71	71.59 -0.07 -1.28	71.68 -0.07 -1.51	71.69 -0.07 -1.45	71.93 0.00 -1.62	65.71 -0.84 -2.36	71.27 -0.62 -3.00	54.99 -0.25 -4.71	55.13 -0.36 -3.97	48.85 -0.45 -3.98	61.78 -0.65 -3.33	55.30 -0.47 -3.54	50.22 -0.52 -3.60	49.95 -0.56 -3.57	51.39 -0.53 -3.55	50.05 -0.37 -4.08	65.50 -0.49 -4.39	85.61 -0.89 -5.34	84.60 -0.65 -4.82	72.97 -0.41 -4.67	74.59 0.85 -3.14	74.23 0.78 -2.93	73.38 0.43 -2.48	73.11 0.07 -2.39
NYISO_LBMP_REFERENCE 24008	70.60 0.00 0.00	70.39 0.00 0.00	70.24 0.00 0.00	70.32 0.00 0.00	70.32 0.00 0.00	64.19 0.00 0.00	68.89 0.00 0.00	50.54 0.00 0.00	51.51 0.00 0.00	45.33 0.00 0.00	59.11 0.00 0.00	52.23 0.00 0.00	47.14 0.00 0.00	46.94 0.00 0.00	48.38 0.00 0.00	46.35 0.00 0.00	61.60 0.00 0.00	81.16 0.00 0.00	80.43 0.00 0.00	68.71 0.00 0.00	70.60 0.00 0.00	70.53 0.00 0.00	70.48 0.00 0.00	70.65 0.00 0.00

NYPA_BRENTWD____GT 24164	124.74 8.61 -45.52	112.38 8.02 -33.97	117.75 7.37 -40.14	116.12 7.24 -38.56	120.38 7.03 -43.03	128.76 6.48 -58.10	149.50 6.76 -73.85	171.73 5.16 -116.03	154.86 5.41 -97.94	148.48 5.17 -97.99	147.67 6.56 -82.00	148.58 5.80 -90.55	145.88 5.37 -93.37	145.82 5.35 -93.54	148.52 5.51 -94.63	154.85 5.19 -103.31	200.81 7.08 -132.13	250.97 9.74 -160.07	219.68 9.41 -129.85	215.76 8.04 -139.01	193.88 9.25 -114.04	181.00 9.10 -101.37	145.62 9.16 -65.98	143.42 9.12 -63.65
NYPA_GOWANUS____GT5 24156	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NYPA_GOWANUS____GT6 24157	122.48 6.36 -45.53	110.48 6.12 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.84 5.49 -43.03	126.91 4.62 -58.10	147.42 4.69 -73.84	170.18 3.64 -116.00	153.24 3.81 -97.91	147.14 3.85 -97.96	152.30 4.85 -88.34	152.26 4.28 -95.75	140.02 4.05 -88.83	139.03 4.04 -88.05	139.99 4.16 -87.45	154.28 3.89 -104.04	196.12 5.36 -129.16	220.10 7.31 -131.63	206.01 6.99 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.66	155.50 7.05 -77.91	143.36 6.91 -65.97	141.14 6.85 -63.64
NYPA_HARLEM__RVR__GT1 24160	122.69 6.57 -45.53	110.27 5.91 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.90 5.55 -43.03	126.91 4.62 -58.10	147.56 4.82 -73.84	169.98 3.44 -116.00	152.77 3.35 -97.90	146.73 3.44 -97.96	145.32 4.26 -81.95	143.28 3.76 -87.28	139.60 3.63 -88.83	138.60 3.61 -88.05	139.55 3.73 -87.45	150.18 3.34 -100.50	174.41 4.56 -108.25	219.37 6.57 -131.63	205.30 6.28 -118.59	188.98 5.36 -114.91	160.65 6.49 -83.56	154.58 6.13 -77.91	142.65 6.20 -65.97	140.58 6.29 -63.64
NYPA_HARLEM__RVR__GT2 24161	122.69 6.57 -45.53	110.27 5.91 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.90 5.55 -43.03	126.91 4.62 -58.10	147.56 4.82 -73.84	169.98 3.44 -116.00	152.77 3.35 -97.90	146.73 3.44 -97.96	145.32 4.26 -81.95	143.28 3.76 -87.28	139.60 3.63 -88.83	138.60 3.61 -88.05	139.55 3.73 -87.45	150.18 3.34 -100.50	174.41 4.56 -108.25	219.37 6.57 -131.63	205.30 6.28 -118.59	188.98 5.36 -114.91	160.65 6.49 -83.56	154.58 6.13 -77.91	142.65 6.20 -65.97	140.58 6.29 -63.64
NYPA_KENT____GT 24152	122.41 6.28 -45.53	110.27 5.91 -33.98	115.93 5.55 -40.14	114.37 5.49 -38.57	118.77 5.41 -43.04	126.77 4.49 -58.10	147.42 4.69 -73.84	170.08 3.54 -116.00	153.14 3.71 -97.91	147.05 3.76 -97.96	152.62 4.73 -88.78	152.74 4.18 -96.33	139.88 3.91 -88.83	138.93 3.94 -88.05	139.89 4.06 -87.45	154.38 3.75 -104.28	197.37 5.17 -130.60	219.85 7.06 -131.63	205.77 6.76 -118.59	189.46 5.84 -114.91	161.28 7.06 -83.62	155.36 6.92 -77.91	143.22 6.77 -65.97	141.08 6.78 -63.64
NYPA_POUCH1____GT 24155	122.20 6.07 -45.53	110.34 5.98 -33.97	115.86 5.48 -40.14	114.22 5.34 -38.57	118.63 5.28 -43.03	126.71 4.43 -58.10	147.15 4.41 -73.84	169.93 3.39 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.00 4.55 -88.34	152.06 4.08 -95.75	139.78 3.82 -88.83	138.79 3.80 -88.05	139.74 3.92 -87.45	154.04 3.66 -104.04	195.81 5.05 -129.16	219.69 6.89 -131.63	205.61 6.60 -118.59	189.32 5.70 -114.91	161.18 6.92 -83.66	155.21 6.77 -77.91	143.07 6.62 -65.97	140.86 6.57 -63.64
NYPA_VERNON____GT2 24162	122.34 6.21 -45.53	110.13 5.77 -33.98	115.86 5.48 -40.14	114.30 5.41 -38.57	118.63 5.28 -43.04	126.65 4.37 -58.10	147.35 4.62 -73.84	170.03 3.48 -116.00	153.03 3.60 -97.91	146.96 3.67 -97.96	152.94 4.61 -89.22	153.22 4.08 -96.91	139.78 3.82 -88.83	138.84 3.85 -88.05	139.79 3.97 -87.45	154.53 3.66 -104.52	198.69 5.05 -132.04	219.69 6.89 -131.63	205.61 6.60 -118.59	189.32 5.70 -114.91	161.10 6.92 -83.57	155.15 6.70 -77.91	143.08 6.62 -65.97	140.93 6.64 -63.64
NYPA_VERNON____GT3 24163	122.34 6.21 -45.53	110.13 5.77 -33.98	115.86 5.48 -40.14	114.30 5.41 -38.57	118.63 5.28 -43.04	126.65 4.37 -58.10	147.35 4.62 -73.84	170.03 3.48 -116.00	153.03 3.60 -97.91	146.96 3.67 -97.96	152.94 4.61 -89.22	153.22 4.08 -96.91	139.78 3.82 -88.83	138.84 3.85 -88.05	139.79 3.97 -87.45	154.53 3.66 -104.52	198.69 5.05 -132.04	219.69 6.89 -131.63	205.61 6.60 -118.59	189.32 5.70 -114.91	161.10 6.92 -83.57	155.15 6.70 -77.91	143.08 6.62 -65.97	140.93 6.64 -63.64
NYPA__ASTORIA_CC1 323568	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.63 5.28 -43.03	126.65 4.37 -58.10	147.28 4.55 -73.84	169.93 3.39 -116.00	152.93 3.50 -97.91	146.87 3.58 -97.96	152.00 4.55 -88.34	152.00 4.02 -95.75	139.74 3.77 -88.83	138.79 3.80 -88.05	139.70 3.87 -87.45	154.00 3.62 -104.03	195.68 4.93 -129.16	219.53 6.73 -131.63	205.53 6.51 -118.59	189.26 5.64 -114.91	161.00 6.85 -83.56	155.07 6.63 -77.91	143.07 6.62 -65.97	140.86 6.57 -63.64
NYPA__ASTORIA_CC2 323569	122.27 6.14 -45.53	110.06 5.70 -33.97	115.86 5.48 -40.14	114.30 5.41 -38.57	118.63 5.28 -43.03	126.65 4.37 -58.10	147.28 4.55 -73.84	169.93 3.39 -116.00	152.93 3.50 -97.91	146.87 3.58 -97.96	152.00 4.55 -88.34	152.00 4.02 -95.75	139.74 3.77 -88.83	138.79 3.80 -88.05	139.70 3.87 -87.45	154.00 3.62 -104.03	195.68 4.93 -129.16	219.53 6.73 -131.63	205.53 6.51 -118.59	189.26 5.64 -114.91	161.00 6.85 -83.56	155.07 6.63 -77.91	143.07 6.62 -65.97	140.86 6.57 -63.64
NYPA__HOLTSVILL 23794	124.38 8.26 -45.52	112.03 7.67 -33.97	117.40 7.02 -40.14	115.78 6.89 -38.56	120.03 6.68 -43.03	128.38 6.10 -58.10	149.08 6.33 -73.85	171.32 4.75 -116.03	154.50 5.05 -97.94	148.21 4.90 -97.99	147.32 6.20 -82.00	148.26 5.48 -90.55	145.60 5.09 -93.37	145.55 5.07 -93.54	148.28 5.27 -94.63	154.66 5.01 -103.31	200.51 6.78 -132.13	250.49 9.25 -160.08	219.20 8.93 -129.85	215.42 7.69 -139.02	193.53 8.90 -114.04	180.65 8.74 -101.37	145.27 8.81 -65.99	142.99 8.69 -63.65
NYPA__HELLGATE_GT1 24158	122.69 6.57 -45.53	110.27 5.91 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.90 5.55 -43.03	126.91 4.62 -58.10	147.56 4.82 -73.84	169.98 3.44 -116.00	152.77 3.35 -97.90	146.73 3.44 -97.96	145.32 4.26 -81.95	143.28 3.76 -87.28	139.60 3.63 -88.83	138.60 3.61 -88.05	139.55 3.73 -87.45	150.18 3.34 -100.50	174.41 4.56 -108.25	219.37 6.57 -131.63	205.30 6.28 -118.59	188.98 5.36 -114.91	160.65 6.49 -83.56	154.58 6.13 -77.91	142.65 6.20 -65.97	140.58 6.29 -63.64
NYPA__HELLGATE_GT2 24159	122.69 6.57 -45.53	110.27 5.91 -33.97	116.06 5.69 -40.14	114.51 5.63 -38.57	118.90 5.55 -43.03	126.91 4.62 -58.10	147.56 4.82 -73.84	169.98 3.44 -116.00	152.77 3.35 -97.90	146.73 3.44 -97.96	145.32 4.26 -81.95	143.28 3.76 -87.28	139.60 3.63 -88.83	138.60 3.61 -88.05	139.55 3.73 -87.45	150.18 3.34 -100.50	174.41 4.56 -108.25	219.37 6.57 -131.63	205.30 6.28 -118.59	188.98 5.36 -114.91	160.65 6.49 -83.56	154.58 6.13 -77.91	142.65 6.20 -65.97	140.58 6.29 -63.64
NYS_BARGE__HYD 23848	72.43 -5.51 -7.33	69.95 -5.91 -5.47	70.52 -6.18 -6.47	70.34 -6.19 -6.21	71.13 -6.12 -6.93	68.81 -4.75 -9.37	74.67 -6.13 -11.91	64.10 -5.16 -18.71	61.70 -5.61 -15.79	56.05 -5.08 -15.80	65.77 -6.56 -13.22	60.46 -5.85 -14.08	56.19 -5.28 -14.33	55.98 -5.16 -14.20	57.01 -5.47 -14.10	57.37 -5.19 -16.21	71.85 -7.21 -17.46	92.93 -9.25 -21.02	88.15 -9.33 -17.05	75.66 -8.32 -15.27	73.00 -8.69 -11.09	74.55 -8.54 -12.55	73.28 -7.83 -10.63	74.76 -6.15 -10.25

OAK ORCHARD___HYD 24046	74.62 -2.05 -6.07	72.52 -2.39 -4.53	72.92 -2.67 -5.35	72.86 -2.60 -5.14	73.59 -2.46 -5.74	70.15 -1.80 -7.76	76.55 -2.21 -9.87	64.17 -1.87 -15.50	62.48 -2.11 -13.08	56.47 -1.95 -13.09	67.58 -2.48 -10.95	61.70 -2.19 -11.66	56.98 -2.03 -11.87	56.73 -1.97 -11.77	57.93 -2.13 -11.68	57.74 -2.04 -13.43	73.29 -2.77 -14.46	95.29 -3.49 -17.61	93.03 -3.46 -16.07	81.11 -3.30 -15.70	78.47 -3.53 -11.39	77.47 -3.45 -10.39	76.11 -3.17 -8.80	76.81 -2.33 -8.49
OAKDALE___35_KV_LOAD 356122	86.33 0.14 -15.59	81.95 -0.07 -11.63	83.84 -0.14 -13.74	83.38 -0.14 -13.20	84.91 -0.14 -14.73	84.02 -0.06 -19.90	94.12 -0.07 -25.30	90.18 -0.10 -39.74	84.85 -0.21 -33.54	78.71 -0.18 -33.56	86.89 -0.30 -28.08	81.87 -0.26 -29.90	77.38 -0.19 -30.43	76.91 -0.19 -30.16	78.14 -0.19 -29.96	80.59 -0.19 -34.43	98.50 -0.18 -37.08	125.87 -0.32 -45.04	120.16 -0.32 -40.05	106.90 -0.27 -38.47	98.50 -0.07 -27.97	96.94 -0.28 -26.69	92.94 -0.14 -22.60	92.58 0.14 -21.79
OCC_CHEM___DRP 24175	72.27 -5.86 -7.52	69.81 -6.19 -5.62	70.41 -6.46 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.73 -5.07 -9.61	74.36 -6.75 -12.22	64.03 -5.71 -19.20	61.44 -6.28 -16.21	55.97 -5.58 -16.21	65.40 -7.27 -13.57	60.15 -6.53 -14.45	56.09 -5.75 -14.70	55.92 -5.59 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.75 -7.76 -17.92	92.27 -10.39 -21.49	86.91 -8.93 -16.78	74.32 -8.93 -14.55	71.65 -9.53 -10.58	74.12 -9.31 -12.90	73.01 -8.39 -10.92	74.60 -6.57 -10.52
OH_GEN_PROXY 24063	72.60 -5.43 -7.43	70.16 -5.77 -5.55	70.75 -6.04 -6.55	70.63 -5.98 -6.30	71.44 -5.91 -7.03	69.00 -4.68 -9.50	74.90 -6.06 -12.07	64.40 -5.10 -18.96	61.96 -5.56 -16.01	56.36 -4.99 -16.02	66.06 -6.44 -13.40	60.70 -5.80 -14.27	56.47 -5.19 -14.52	56.26 -5.07 -14.39	57.30 -5.37 -14.29	57.63 -5.15 -16.43	72.15 -7.14 -17.70	93.10 -9.25 -21.19	87.40 -9.25 -16.22	74.28 -8.25 -13.82	72.09 -8.55 -10.03	74.86 -8.39 -12.72	73.76 -7.54 -10.82	74.99 -6.01 -10.34
OLIN_CORP_DRP 24177	71.84 -6.35 -7.60	69.44 -6.62 -5.67	70.05 -6.88 -6.70	69.86 -6.89 -6.44	70.68 -6.82 -7.18	68.44 -5.46 -9.71	74.20 -7.03 -12.34	64.06 -5.86 -19.39	61.44 -6.44 -16.36	55.99 -5.71 -16.37	65.36 -7.45 -13.70	60.13 -6.69 -14.58	56.09 -5.89 -14.84	55.92 -5.73 -14.71	56.89 -6.10 -14.61	57.30 -5.84 -16.79	71.74 -7.95 -18.09	92.34 -10.55 -21.73	87.13 -10.54 -17.24	74.79 -9.07 -15.15	71.95 -9.67 -11.02	74.03 -9.52 -13.02	72.90 -8.60 -11.02	74.28 -6.99 -10.62
OLIN_CORP_DSASP 323712	72.34 -5.79 -7.52	69.81 -6.19 -5.62	70.48 -6.39 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.79 -5.01 -9.61	74.36 -6.75 -12.22	64.08 -5.66 -19.20	61.54 -6.18 -16.21	56.01 -5.53 -16.21	65.52 -7.15 -13.57	60.25 -6.43 -14.45	56.09 -5.75 -14.70	55.88 -5.63 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.57 -7.95 -17.92	92.35 -10.31 -21.49	86.91 -10.30 -16.78	74.12 -9.14 -14.55	71.70 -9.46 -10.56	74.17 -9.24 -12.88	72.99 -8.39 -10.90	74.67 -6.50 -10.52
ONEIDA_HERK_LFGE 323681	73.65 1.55 -1.50	72.91 1.41 -1.12	72.97 1.40 -1.32	72.99 1.41 -1.27	73.21 1.48 -1.42	67.11 0.90 -2.02	72.63 1.17 -2.57	55.53 0.96 -4.04	55.85 0.93 -3.41	49.46 0.72 -3.41	62.90 0.94 -2.85	56.15 0.89 -3.04	50.98 0.75 -3.09	50.70 0.71 -3.06	52.15 0.73 -3.04	50.63 0.79 -3.50	66.41 1.05 -3.77	87.04 1.29 -4.58	86.00 1.45 -4.13	73.95 1.24 -4.00	75.41 2.05 -2.76	75.07 1.97 -2.57	74.42 1.76 -2.18	74.31 1.55 -2.10
ONEIDA___115KV_TB4 55905	75.98 2.47 -2.91	74.88 2.32 -2.17	75.05 2.25 -2.56	75.10 2.32 -2.46	75.46 2.39 -2.75	70.01 2.05 -3.77	76.16 2.48 -4.79	59.93 1.87 -7.53	59.72 1.85 -6.35	53.27 1.59 -6.36	66.43 2.01 -5.32	59.72 1.83 -5.66	54.55 1.65 -5.76	54.29 1.64 -5.71	55.74 1.69 -5.67	54.54 1.67 -6.52	70.78 2.16 -7.02	92.54 2.84 -8.54	90.94 2.81 -7.70	78.44 2.27 -7.46	78.85 2.82 -5.43	78.27 2.68 -5.05	77.29 2.54 -4.28	77.19 2.47 -4.07
ONONDAGA_REF_OCCRA 23987	76.10 -0.14 -5.64	74.24 -0.35 -4.21	74.72 -0.49 -4.97	74.67 -0.42 -4.78	75.22 -0.42 -5.33	71.15 -0.26 -7.22	77.93 -0.14 -9.17	64.90 -0.05 -14.41	63.52 -0.15 -12.16	57.41 -0.09 -12.17	69.11 -0.18 -10.18	62.92 -0.16 -10.84	58.08 -0.09 -11.03	57.78 -0.09 -10.94	59.14 -0.10 -10.86	58.74 -0.09 -12.48	74.92 -0.12 -13.45	97.35 -0.16 -16.35	95.01 -0.16 -14.74	82.79 -0.21 -14.29	80.92 -0.07 -10.39	80.00 -0.21 -9.68	78.46 -0.21 -8.19	78.39 -0.14 -7.88
ONONDAGA___COGEN 23986	76.05 0.07 -5.38	74.26 -0.14 -4.02	74.70 -0.28 -4.75	74.67 -0.21 -4.56	75.26 -0.14 -5.09	71.01 -0.06 -6.89	77.79 0.14 -8.76	64.40 0.10 -13.76	63.18 0.05 -11.61	56.99 0.05 -11.62	68.89 0.06 -9.72	62.63 0.05 -10.35	57.72 0.05 -10.53	57.47 0.09 -10.44	58.79 0.05 -10.37	58.31 0.05 -11.92	74.50 0.06 -12.84	96.86 0.08 -15.61	94.58 0.08 -14.07	82.35 0.00 -13.64	80.66 0.14 -9.92	79.70 -0.07 -9.24	78.30 0.00 -7.82	78.25 0.07 -7.52
ONTARIO___LFGE 23819	77.43 -0.49 -7.32	75.00 -0.84 -5.46	75.56 -1.13 -6.45	75.39 -1.13 -6.20	76.18 -1.05 -6.92	73.15 -0.38 -9.35	80.37 -0.41 -11.88	68.96 -0.25 -18.67	66.81 -0.46 -15.76	60.60 -0.50 -15.77	71.53 -0.77 -13.19	65.50 -0.78 -14.05	60.73 -0.71 -14.30	60.50 -0.61 -14.17	61.77 -0.68 -14.07	61.87 -0.65 -16.17	77.97 -1.05 -17.42	100.96 -1.38 -21.18	98.04 -1.37 -18.99	85.87 -1.17 -18.33	82.85 -1.06 -13.31	81.78 -1.27 -12.52	79.81 -1.27 -10.60	80.24 -0.64 -10.23
ORANGEVILLE_WT_PWR 323706	75.15 -4.52 -9.07	72.23 -4.93 -6.77	72.97 -5.27 -8.00	72.72 -5.27 -7.68	73.54 -5.35 -8.57	71.60 -4.17 -11.59	78.32 -5.30 -14.73	69.28 -4.40 -23.14	66.26 -4.79 -19.53	60.47 -4.40 -19.54	69.67 -5.79 -16.35	64.37 -5.27 -17.41	60.19 -4.67 -17.72	59.90 -4.60 -17.56	61.03 -4.79 -17.44	61.94 -4.45 -20.04	77.09 -6.10 -21.59	99.41 -7.79 -26.04	94.19 -7.80 -21.56	81.47 -6.87 -19.63	77.80 -7.06 -14.26	79.07 -6.98 -15.52	77.21 -6.41 -13.14	78.18 -5.15 -12.68
ORANGEVILLE___ESR 323794	75.15 -4.52 -9.07	72.23 -4.93 -6.77	72.97 -5.27 -8.00	72.72 -5.27 -7.68	73.54 -5.35 -8.57	71.60 -4.17 -11.59	78.32 -5.30 -14.73	69.28 -4.40 -23.14	66.26 -4.79 -19.53	60.47 -4.40 -19.54	69.67 -5.79 -16.35	64.37 -5.27 -17.41	60.19 -4.67 -17.72	59.90 -4.60 -17.56	61.03 -4.79 -17.44	61.94 -4.45 -20.04	77.09 -6.10 -21.59	99.41 -7.79 -26.04	94.19 -7.80 -21.56	81.47 -6.87 -19.63	77.80 -7.06 -14.26	79.07 -6.98 -15.52	77.21 -6.41 -13.14	78.18 -5.15 -12.68
OSWEGATCHIE___HYD 24044	69.88 -1.98 -1.25	69.35 -1.97 -0.93	69.45 -1.89 -1.10	69.48 -1.90 -1.06	69.53 -1.97 -1.18	62.36 -3.79 -1.96	67.52 -3.86 -2.49	51.82 -2.63 -3.91	52.03 -2.78 -3.30	46.05 -2.58 -3.30	58.50 -3.37 -2.76	52.35 -2.82 -2.94	47.26 -2.88 -3.00	46.95 -2.96 -2.97	48.37 -2.95 -2.95	47.00 -2.73 -3.39	61.61 -3.63 -3.65	79.76 -5.84 -4.44	79.20 -5.23 -4.00	68.74 -3.85 -3.88	71.49 -1.41 -2.30	71.19 -1.48 -2.14	70.53 -1.76 -1.81	70.35 -2.05 -1.75
OSWEGO___5 23606	71.26 -2.05 -2.71	70.23 -2.18 -2.02	70.45 -2.18 -2.39	70.43 -2.18 -2.30	70.70 -2.18 -2.56	65.67 -1.99 -3.47	71.17 -2.14 -4.41	55.90 -1.57 -6.93	55.77 -1.60 -5.85	49.78 -1.41 -5.85	62.17 -1.83 -4.90	55.83 -1.62 -5.21	50.98 -1.46 -5.31	50.74 -1.46 -5.26	52.05 -1.55 -5.22	50.91 -1.44 -6.00	66.09 -1.97 -6.47	86.52 -2.52 -7.87	85.09 -2.49 -7.16	73.49 -2.20 -6.98	73.54 -2.12 -5.06	72.98 -2.19 -4.64	72.29 -2.11 -3.93	72.39 -2.05 -3.79

OSWEGO___6 23613	71.26 -2.05 -2.71	70.23 -2.18 -2.02	70.45 -2.18 -2.39	70.43 -2.18 -2.30	70.70 -2.18 -2.56	65.67 -1.99 -3.47	71.17 -2.14 -4.41	55.90 -1.57 -6.93	55.77 -1.60 -5.85	49.78 -1.41 -5.85	62.17 -1.83 -4.90	55.83 -1.62 -5.21	50.98 -1.46 -5.31	50.74 -1.46 -5.26	52.05 -1.55 -5.22	50.91 -1.44 -6.00	66.09 -1.97 -6.47	86.52 -2.52 -7.87	85.09 -2.49 -7.16	73.49 -2.20 -6.98	73.54 -2.12 -5.06	72.98 -2.19 -4.64	72.29 -2.11 -3.93	72.39 -2.05 -3.79
OUTOKUMPU-AB___DRP 24206	73.31 -4.94 -7.66	70.82 -5.28 -5.71	71.44 -5.55 -6.75	71.25 -5.55 -6.49	72.07 -5.48 -7.24	69.80 -4.17 -9.78	75.75 -5.58 -12.44	65.32 -4.75 -19.54	62.75 -5.25 -16.49	57.11 -4.71 -16.50	66.76 -6.15 -13.80	61.39 -5.54 -14.70	57.24 -4.86 -14.96	57.07 -4.69 -14.83	58.07 -5.03 -14.73	58.45 -4.82 -16.92	73.30 -6.53 -18.23	94.39 -8.68 -21.91	89.20 -8.69 -17.46	76.56 -7.56 -15.41	73.69 -8.12 -11.20	75.68 -7.97 -13.12	74.40 -7.19 -11.11	75.78 -5.58 -10.70
OXBOW___BTM 323836	72.97 -5.22 -7.59	70.42 -5.63 -5.66	71.03 -5.90 -6.69	70.84 -5.91 -6.43	71.73 -5.76 -7.18	69.39 -4.49 -9.70	75.16 -6.06 -12.33	64.81 -5.10 -19.37	62.25 -5.61 -16.35	56.65 -5.03 -16.36	66.29 -6.50 -13.69	60.96 -5.85 -14.57	56.73 -5.23 -14.83	56.52 -5.11 -14.70	57.56 -5.42 -14.60	57.98 -5.15 -16.78	72.47 -7.21 -18.07	93.61 -9.25 -21.70	88.22 -9.33 -17.12	75.38 -8.32 -14.98	72.79 -8.69 -10.88	75.06 -8.47 -12.99	73.80 -7.68 -11.00	75.33 -5.93 -10.61
OXBOW____ 24026	72.90 -5.30 -7.59	70.42 -5.63 -5.66	71.03 -5.90 -6.69	70.84 -5.91 -6.43	71.66 -5.84 -7.18	69.39 -4.49 -9.70	75.16 -6.06 -12.33	64.75 -5.15 -19.37	62.20 -5.67 -16.35	56.61 -5.08 -16.36	66.23 -6.56 -13.69	60.85 -5.95 -14.57	56.74 -5.23 -14.83	56.57 -5.07 -14.70	57.56 -5.42 -14.60	57.98 -5.14 -16.78	72.59 -7.08 -18.07	93.53 -9.33 -21.70	88.22 -9.33 -17.12	75.58 -8.11 -14.98	72.81 -8.68 -10.90	75.01 -8.53 -13.01	73.81 -7.68 -11.02	75.33 -5.93 -10.61
OXY_CHEM_DSASP 323612	72.27 -5.86 -7.52	69.81 -6.19 -5.62	70.41 -6.46 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.73 -5.07 -9.61	74.36 -6.75 -12.22	64.03 -5.71 -19.20	61.44 -6.28 -16.21	55.97 -5.58 -16.21	65.40 -7.27 -13.57	60.15 -6.53 -14.45	56.09 -5.75 -14.70	55.92 -5.59 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.75 -7.76 -17.92	92.27 -10.39 -21.49	86.91 -10.29 -16.78	74.32 -8.93 -14.55	71.65 -9.53 -10.58	74.12 -9.31 -12.90	73.01 -8.39 -10.92	74.60 -6.57 -10.52
OZONE_PARK_ESR 323760	122.47 6.35 -45.51	110.26 5.91 -33.96	115.99 5.62 -40.13	114.36 5.48 -38.56	118.75 5.41 -43.02	126.76 4.49 -58.08	147.48 4.75 -73.84	170.22 3.69 -116.00	153.44 4.02 -97.90	147.14 3.85 -97.96	145.91 4.85 -81.95	143.78 4.28 -87.27	139.91 3.96 -88.81	138.92 3.94 -88.04	139.87 4.06 -87.43	150.63 3.80 -100.48	175.13 5.30 -108.23	220.01 7.22 -131.62	206.01 7.00 -118.58	189.58 5.98 -114.89	161.35 7.20 -83.55	155.14 6.70 -77.90	143.21 6.77 -65.97	141.13 6.85 -63.62
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	72.27 -5.86 -7.52	69.81 -6.19 -5.62	70.41 -6.46 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.73 -5.07 -9.61	74.36 -6.75 -12.22	64.03 -5.71 -19.20	61.44 -6.28 -16.21	55.97 -5.58 -16.21	65.40 -7.27 -13.57	60.15 -6.53 -14.45	56.09 -5.75 -14.70	55.92 -5.59 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.75 -7.76 -17.92	92.27 -10.39 -21.49	86.91 -10.29 -16.78	74.32 -8.93 -14.55	71.65 -9.53 -10.58	74.12 -9.31 -12.90	73.01 -8.39 -10.92	74.60 -6.57 -10.52
PACKARD__115KV_DUPONT_184 80571	72.27 -5.86 -7.52	69.81 -6.19 -5.62	70.41 -6.46 -6.63	70.29 -6.40 -6.37	71.10 -6.33 -7.11	68.73 -5.07 -9.61	74.36 -6.75 -12.22	64.03 -5.71 -19.20	61.44 -6.28 -16.21	55.97 -5.58 -16.21	65.40 -7.27 -13.57	60.15 -6.53 -14.45	56.09 -5.75 -14.70	55.92 -5.59 -14.57	56.90 -5.95 -14.47	57.28 -5.70 -16.63	71.75 -7.76 -17.92	92.27 -10.39 -21.49	86.91 -10.29 -16.78	74.32 -8.93 -14.55	71.65 -9.53 -10.58	74.12 -9.31 -12.90	73.01 -8.39 -10.92	74.60 -6.57 -10.52
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	122.55 6.42 -45.53	110.34 5.98 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.84 4.56 -58.10	147.49 4.75 -73.84	169.78 3.23 -116.00	152.77 3.35 -97.91	146.69 3.40 -97.96	145.43 4.37 -81.95	143.38 3.87 -87.28	139.60 3.63 -88.83	138.60 3.61 -88.05	139.55 3.73 -87.45	150.28 3.43 -100.50	174.59 4.74 -108.25	219.37 6.57 -131.63	205.45 6.43 -118.59	189.05 5.43 -114.91	160.73 6.57 -83.56	154.66 6.21 -77.92	142.80 6.34 -65.98	140.58 6.29 -63.64
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	123.33 7.20 -45.53	111.12 6.76 -33.97	116.84 6.46 -40.14	115.28 6.40 -38.57	119.68 6.33 -43.03	127.55 5.26 -58.10	148.18 5.44 -73.84	170.28 3.74 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	145.97 4.91 -81.95	143.85 4.34 -87.28	140.02 4.05 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	150.65 3.80 -100.50	175.08 5.24 -108.25	220.10 7.30 -131.63	206.18 7.16 -118.59	189.74 6.12 -114.91	161.37 7.20 -83.56	155.29 6.84 -77.92	143.50 7.05 -65.98	141.36 7.07 -63.64
PATROON__115KV_TB1 80586	133.37 2.68 -60.09	117.83 2.60 -44.84	125.74 2.53 -52.98	123.75 2.53 -50.90	129.65 2.53 -56.80	142.15 1.28 -76.68	167.68 1.31 -97.48	170.10 0.91 -118.66	157.83 1.03 -105.29	155.10 0.82 -108.96	146.85 1.12 -86.62	147.03 1.04 -93.76	145.40 0.94 -97.32	144.84 0.99 -96.91	144.88 0.97 -95.54	153.40 0.93 -106.12	184.02 1.17 -121.26	256.42 1.62 -173.64	238.57 1.61 -156.53	221.67 1.24 -151.73	183.07 2.05 -110.42	175.35 1.97 -102.85	159.61 2.04 -87.09	157.19 2.54 -84.00
PATTRSNVILLE__SOLAR 323815	137.38 3.60 -63.18	120.98 3.45 -47.14	129.31 3.37 -55.70	127.28 3.44 -53.52	133.55 3.51 -59.72	147.70 2.89 -80.62	174.62 3.24 -102.49	213.87 2.33 -161.00	189.78 2.37 -135.89	183.06 1.77 -135.96	175.05 2.19 -113.75	175.19 1.83 -121.13	172.01 1.60 -123.27	170.77 1.64 -122.20	171.47 1.74 -121.36	187.77 1.90 -139.52	214.65 2.77 -150.28	267.58 3.66 -182.76	248.83 3.70 -164.70	231.34 3.02 -159.61	190.29 3.67 -116.02	182.25 3.60 -108.13	165.63 3.59 -91.56	162.43 3.46 -88.31
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	73.10 -5.86 -8.36	70.43 -6.19 -6.24	71.15 -6.46 -7.37	70.86 -6.54 -7.08	71.75 -6.47 -7.90	69.79 -5.07 -10.68	76.19 -6.27 -13.57	66.75 -5.10 -21.32	63.89 -5.62 -18.00	58.35 -4.99 -18.00	67.67 -6.50 -15.06	62.42 -5.85 -16.04	58.28 -5.19 -16.32	58.10 -5.02 -16.18	59.13 -5.32 -16.07	59.77 -5.05 -18.47	74.65 -6.84 -19.89	96.09 -9.01 -23.94	90.75 -9.01 -19.33	78.12 -7.83 -17.25	75.02 -8.12 -12.54	76.53 -8.32 -14.32	74.85 -7.75 -12.12	75.98 -6.36 -11.68
PAWLING_115_KV_BK3_REV_LBMP_H 345028	122.89 6.35 -45.93	110.71 6.05 -34.27	116.63 5.90 -40.49	114.92 5.70 -38.91	119.36 5.63 -43.42	127.55 4.75 -58.61	148.92 5.51 -74.51	171.74 4.14 -117.06	154.54 4.22 -98.80	148.03 3.85 -98.85	146.72 4.91 -82.70	144.58 4.28 -88.07	140.63 3.87 -89.63	139.58 3.80 -88.84	140.53 3.92 -88.23	151.46 3.71 -101.40	176.06 5.24 -109.22	221.37 7.39 -132.82	207.25 7.16 -119.67	190.70 6.05 -115.95	162.19 7.27 -84.31	155.92 6.77 -78.62	143.74 6.70 -66.57	141.57 6.71 -64.21
PEEKSKILL____ 23653	120.74 5.09 -45.05	108.79 4.79 -33.62	114.52 4.56 -39.72	112.91 4.43 -38.16	117.26 4.36 -42.59	125.21 3.53 -57.49	145.83 3.86 -73.09	168.34 2.98 -114.82	151.57 3.14 -96.91	145.28 2.99 -96.96	144.02 3.79 -81.12	141.96 3.35 -86.38	138.16 3.11 -87.91	137.18 3.10 -87.14	138.11 3.19 -86.55	148.78 2.97 -99.46	172.86 4.13 -107.13	217.21 5.76 -130.28	203.35 5.55 -117.38	187.11 4.67 -113.73	159.15 5.86 -82.69	153.28 5.64 -77.11	141.33 5.57 -65.29	139.15 5.51 -62.98

PGE MADISON___WINDPWR 24146	92.43 6.78 -15.05	87.81 6.20 -11.23	89.69 6.18 -13.27	89.18 6.11 -12.75	90.66 6.11 -14.23	89.12 5.71 -19.22	100.00 6.68 -24.43	93.82 4.90 -38.38	88.75 4.84 -32.40	81.77 4.03 -32.41	91.31 5.08 -27.12	85.55 4.44 -28.88	80.58 4.05 -29.39	79.96 3.89 -29.13	81.28 3.97 -28.93	83.68 4.08 -33.25	103.02 5.60 -35.82	132.65 7.96 -43.52	127.41 8.04 -38.94	112.86 6.60 -37.55	105.16 7.27 -27.29	103.28 6.98 -25.76	98.91 6.62 -21.81	98.12 6.43 -21.04
PIERCEFIELD___HYD 23852	67.92 -2.68 0.00	67.85 -2.53 0.00	67.78 -2.46 0.00	67.86 -2.46 0.00	67.78 -2.53 0.00	60.12 -5.46 -1.39	64.80 -5.86 -1.77	49.22 -4.09 -2.78	49.53 -4.33 -2.35	43.73 -3.94 -2.35	56.11 -4.97 -1.96	50.09 -4.23 -2.09	44.84 -4.43 -2.13	44.49 -4.55 -2.11	45.92 -4.55 -2.10	44.45 -4.31 -2.41	58.46 -5.73 -2.59	76.04 -8.28 -3.15	75.63 -7.64 -2.84	65.35 -6.12 -2.76	70.20 -2.40 -2.00	70.07 -2.33 -1.87	69.45 -2.61 -1.58	67.76 -2.90 0.00
PINELAWN_CC_1 323563	123.96 7.84 -45.52	111.68 7.32 -33.97	117.05 6.68 -40.14	115.42 6.54 -38.56	119.68 6.33 -43.03	128.06 5.78 -58.10	148.74 5.99 -73.85	171.12 4.55 -116.03	154.24 4.79 -97.94	147.99 4.67 -97.99	147.02 5.91 -82.00	148.00 5.22 -90.55	145.32 4.81 -93.37	144.89 4.41 -93.54	147.55 4.55 -94.63	153.92 4.26 -103.31	199.33 5.60 -132.13	249.03 7.79 -160.07	217.75 7.48 -129.85	214.04 6.32 -139.01	192.19 7.56 -114.04	179.45 7.55 -101.37	144.22 7.75 -65.98	142.57 8.26 -63.65
PJM_GEN_HTP_PROXY 323702	121.76 5.65 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.12	113.79 4.92 -38.55	118.12 4.78 -43.02	126.24 3.98 -58.08	146.92 4.20 -73.83	169.76 3.24 -115.98	152.86 3.45 -97.89	146.63 3.35 -97.95	145.31 4.26 -81.95	143.25 3.76 -87.26	139.48 3.54 -88.80	138.49 3.52 -88.03	139.43 3.63 -87.42	150.20 3.38 -100.47	174.44 4.62 -108.22	219.18 6.41 -131.61	205.11 6.11 -118.57	188.81 5.22 -114.88	160.56 6.42 -83.53	154.63 6.21 -77.89	142.61 6.13 -66.01	140.36 6.14 -63.57
PJM_GEN_KEystone 24065	47.65 0.07 23.02	46.12 -0.21 24.05	45.25 -0.49 24.50	45.10 -0.49 24.73	45.61 -0.56 24.14	48.92 -0.45 14.82	57.37 -0.76 10.76	68.52 -0.71 -18.69	63.75 -0.77 -13.01	59.61 -0.59 -14.87	56.53 -0.83 1.75	54.12 -0.78 -2.67	52.45 -0.61 -5.93	50.85 -0.56 -4.47	50.38 -0.63 -2.63	53.02 -0.65 -7.32	58.48 -0.80 2.32	71.88 -0.89 8.39	66.26 -0.96 13.20	62.04 -0.96 5.71	58.94 -0.42 11.24	56.67 -0.57 13.29	54.87 -0.35 15.26	53.53 0.14 17.27
PJM_GEN_NEPTUNE_PROXY 323594	122.62 6.49 -45.52	110.41 6.05 -33.97	115.92 5.55 -40.14	114.30 5.41 -38.56	118.55 5.20 -43.03	126.84 4.56 -58.10	147.36 4.62 -73.85	170.10 3.54 -116.02	153.20 3.76 -97.93	147.07 3.76 -97.98	145.88 4.79 -81.99	147.00 4.23 -90.54	144.46 3.96 -93.36	144.41 3.94 -93.53	147.06 4.06 -94.62	153.40 3.75 -103.30	198.83 5.11 -132.12	248.28 7.06 -160.06	217.02 6.76 -129.84	213.49 5.77 -139.00	191.62 6.99 -114.03	178.73 6.84 -101.36	143.42 6.91 -66.03	141.09 6.85 -63.59
PJM_GEN_VFT_PROXY 323633	39.61 5.30 36.29	39.40 4.85 35.84	39.25 4.56 35.55	39.57 4.50 35.25	42.26 4.36 32.42	41.76 3.46 25.89	43.63 3.58 28.84	56.23 2.83 -2.86	44.26 2.99 10.24	44.26 2.99 4.06	56.27 3.73 6.56	52.77 3.35 2.81	51.04 3.21 -0.70	51.58 3.19 -1.45	53.23 3.29 -1.56	54.08 3.01 -4.72	67.29 4.19 -1.50	78.41 5.85 8.60	71.88 5.55 14.09	65.84 4.74 7.61	61.03 5.93 15.50	56.27 5.71 19.97	50.72 5.64 25.40	45.65 5.65 30.66
PLATSBURG_115KV_PMLD1 355749	70.11 -0.49 0.00	69.82 -0.56 0.00	69.68 -0.56 0.00	69.75 -0.56 0.00	69.61 -0.70 0.00	59.95 -4.24 0.00	63.72 -5.17 0.00	46.90 -3.64 0.00	47.65 -3.86 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.47 -3.76 0.00	42.99 -4.15 0.00	42.67 -4.27 0.00	44.12 -4.26 0.00	42.27 -4.08 0.00	56.24 -5.36 0.00	73.21 -7.95 0.00	73.19 -7.24 0.00	63.01 -5.70 0.00	69.05 -1.55 0.00	69.05 -1.48 0.00	68.86 -1.62 0.00	69.45 -1.20 0.00
PLEASANTVLY___LBMP 24000	123.03 4.80 -47.62	110.57 4.65 -35.54	116.58 4.35 -41.99	114.95 4.29 -40.34	119.55 4.22 -45.02	128.30 3.34 -60.77	149.73 3.58 -77.26	174.64 2.73 -121.37	156.89 2.94 -102.44	150.59 2.77 -102.50	148.35 3.49 -85.75	146.68 3.13 -91.31	142.94 2.88 -92.93	141.87 2.82 -92.12	142.76 2.90 -91.48	154.22 2.73 -105.14	178.60 3.76 -113.25	224.08 5.19 -137.72	209.50 4.99 -124.09	193.20 4.26 -120.23	163.47 5.44 -87.43	157.19 5.15 -81.51	144.72 5.22 -69.02	142.39 5.16 -66.57
PLSNTVLE_13_KV_13.8KVDIST 80602	121.86 5.44 -45.82	109.65 5.07 -34.19	115.48 4.85 -40.40	113.91 4.78 -38.81	118.27 4.64 -43.31	126.51 3.85 -58.47	147.36 4.13 -74.33	170.55 3.23 -116.77	153.48 3.40 -98.56	147.16 3.22 -98.61	145.75 4.14 -82.50	143.74 3.66 -87.85	139.89 3.35 -89.41	138.85 3.29 -88.63	139.78 3.39 -88.02	150.70 3.20 -101.16	174.99 4.44 -108.96	219.75 6.09 -132.50	205.68 5.87 -119.38	189.39 5.02 -115.67	160.85 6.14 -84.11	154.74 5.78 -78.43	142.66 5.78 -66.41	140.50 5.79 -64.05
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	121.86 5.44 -45.82	109.65 5.07 -34.19	115.48 4.85 -40.40	113.91 4.78 -38.81	118.27 4.64 -43.31	126.51 3.85 -58.47	147.36 4.13 -74.33	170.55 3.23 -116.77	153.48 3.40 -98.56	147.16 3.22 -98.61	145.75 4.14 -82.50	143.74 3.66 -87.85	139.89 3.35 -89.41	138.85 3.29 -88.63	139.78 3.39 -88.02	150.70 3.20 -101.16	174.99 4.44 -108.96	219.75 6.09 -132.50	205.68 5.87 -119.38	189.39 5.02 -115.67	160.85 6.14 -84.11	154.74 5.78 -78.43	142.66 5.78 -66.41	140.50 5.79 -64.05
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	122.73 5.58 -46.56	110.55 5.42 -34.74	116.41 5.13 -41.04	114.82 5.06 -39.44	119.32 4.99 -44.01	127.71 4.11 -59.41	148.96 4.55 -75.53	172.57 3.39 -118.65	155.21 3.55 -100.14	148.79 3.26 -100.20	147.07 4.14 -83.83	145.10 3.60 -89.26	141.23 3.25 -90.84	140.18 3.19 -90.05	141.15 3.34 -89.43	152.28 3.15 -102.78	176.80 4.50 -110.71	222.04 6.25 -134.63	207.83 6.11 -121.30	191.39 5.15 -117.53	162.35 6.28 -85.46	156.07 5.85 -79.68	143.94 5.99 -67.47	141.67 5.93 -65.08
POLETTI___ 23519	121.69 5.58 -45.51	109.49 5.14 -33.96	115.28 4.92 -40.13	113.72 4.85 -38.56	118.05 4.71 -43.02	126.06 3.79 -58.08	146.66 3.93 -73.84	125.24 3.08 -71.62	111.34 3.35 -56.48	111.02 3.26 -62.43	110.12 4.14 -46.87	110.04 3.66 -54.15	139.39 3.44 -88.81	138.35 3.38 -88.04	139.29 3.48 -87.43	110.68 3.24 -61.09	113.13 4.50 -47.04	121.06 6.17 -33.73	121.11 5.87 -34.81	110.25 5.08 -36.46	109.94 6.21 -33.13	111.48 5.78 -35.16	142.36 5.92 -65.97	140.28 6.01 -63.62
POMONA___ESR 323819	119.27 4.80 -43.87	107.63 4.51 -32.73	113.13 4.21 -38.67	111.62 4.15 -37.16	115.86 4.08 -41.46	123.44 3.27 -55.98	143.63 3.58 -71.16	165.11 2.78 -111.79	148.81 2.93 -94.36	142.55 2.81 -94.41	141.64 3.55 -78.98	139.47 3.13 -84.11	135.66 2.92 -85.60	134.69 2.91 -84.85	135.64 3.00 -84.27	145.96 2.78 -96.83	169.79 3.88 -104.30	213.44 5.44 -126.84	199.92 5.22 -114.27	183.89 4.46 -110.71	156.69 5.58 -80.51	150.96 5.36 -75.08	139.34 5.29 -63.57	137.13 5.16 -61.32
PORT_JEFF_3 23555	124.74 8.61 -45.52	112.31 7.95 -33.97	117.68 7.30 -40.14	116.06 7.18 -38.56	120.31 6.96 -43.03	128.70 6.42 -58.10	149.43 6.68 -73.85	171.58 5.00 -116.03	154.76 5.31 -97.94	148.44 5.12 -97.99	147.61 6.50 -82.00	148.53 5.75 -90.55	145.83 5.32 -93.37	145.78 5.30 -93.54	148.52 5.51 -94.63	154.89 5.24 -103.31	200.63 6.90 -132.13	250.73 9.49 -160.08	219.44 9.17 -129.85	215.62 7.90 -139.02	193.68 9.04 -114.04	181.07 9.17 -101.37	145.62 9.16 -65.99	143.35 9.05 -63.65

PORT_JEFF_4 23616	124.74 8.61 -45.52	112.31 7.95 -33.97	117.68 7.30 -40.14	116.06 7.18 -38.56	120.31 6.96 -43.03	128.70 6.42 -58.10	149.43 6.68 -73.85	171.58 5.00 -116.03	154.76 5.31 -97.94	148.44 5.12 -97.99	147.61 6.50 -82.00	148.53 5.75 -90.55	145.83 5.32 -93.37	145.78 5.30 -93.54	148.52 5.51 -94.63	154.89 5.24 -103.31	200.63 6.90 -132.13	250.73 9.49 -160.08	219.44 9.17 -129.85	215.62 7.90 -139.02	193.68 9.04 -114.04	181.07 9.17 -101.37	145.62 9.16 -65.99	143.35 9.05 -63.65
PORT_JEFF_IC 23713	124.81 8.68 -45.52	112.45 8.09 -33.97	117.82 7.45 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.77 6.48 -58.10	149.63 6.89 -73.85	171.62 5.05 -116.03	154.91 5.46 -97.94	148.44 5.12 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.88 5.37 -93.37	145.83 5.35 -93.54	148.57 5.56 -94.63	154.99 5.33 -103.31	200.57 6.84 -132.13	250.65 9.41 -160.08	219.36 9.09 -129.85	215.56 7.83 -139.01	193.54 8.90 -114.04	181.01 9.10 -101.38	145.84 9.37 -65.99	143.49 9.19 -63.65
PPL_PILGRIM_ST_GT1 24216	124.74 8.61 -45.52	112.38 8.02 -33.97	117.75 7.37 -40.14	116.12 7.24 -38.56	120.38 7.03 -43.03	128.76 6.48 -58.10	149.50 6.76 -73.85	171.73 5.16 -116.03	154.86 5.41 -97.94	148.48 5.17 -97.99	147.67 6.56 -82.00	148.58 5.80 -90.55	145.88 5.37 -93.37	145.82 5.35 -93.54	148.52 5.51 -94.63	154.85 5.19 -103.31	200.81 7.08 -132.13	250.97 9.74 -160.07	219.68 9.41 -129.85	215.76 8.04 -139.01	193.88 9.25 -114.04	181.00 9.10 -101.37	145.62 9.16 -65.98	143.42 9.12 -63.65
PPL_PILGRIM_ST_GT2 24217	124.74 8.61 -45.52	112.38 8.02 -33.97	117.75 7.37 -40.14	116.12 7.24 -38.56	120.38 7.03 -43.03	128.76 6.48 -58.10	149.50 6.76 -73.85	171.73 5.16 -116.03	154.86 5.41 -97.94	148.48 5.17 -97.99	147.67 6.56 -82.00	148.58 5.80 -90.55	145.88 5.37 -93.37	145.82 5.35 -93.54	148.52 5.51 -94.63	154.85 5.19 -103.31	200.81 7.08 -132.13	250.97 9.74 -160.07	219.68 9.41 -129.85	215.76 8.04 -139.01	193.88 9.25 -114.04	181.00 9.10 -101.37	145.62 9.16 -65.98	143.42 9.12 -63.65
PPL_SHRM_GT3 24213	125.16 9.04 -45.52	112.73 8.37 -33.97	118.10 7.73 -40.14	116.48 7.60 -38.56	120.73 7.38 -43.03	129.08 6.80 -58.10	149.57 6.82 -73.85	171.62 5.05 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.96 6.85 -82.00	148.78 6.00 -90.55	146.02 5.51 -93.37	145.97 5.49 -93.54	148.81 5.80 -94.63	155.22 5.56 -103.31	201.43 7.70 -132.13	251.71 10.47 -160.08	220.41 10.13 -129.85	216.59 8.87 -139.02	194.60 9.96 -114.04	181.70 9.80 -101.37	146.12 9.66 -65.99	143.84 9.53 -63.65
PPL_SHRM_GT4 24214	125.16 9.04 -45.52	112.73 8.37 -33.97	118.10 7.73 -40.14	116.48 7.60 -38.56	120.73 7.38 -43.03	129.08 6.80 -58.10	149.57 6.82 -73.85	171.62 5.05 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.96 6.85 -82.00	148.78 6.00 -90.55	146.02 5.51 -93.37	145.97 5.49 -93.54	148.81 5.80 -94.63	155.22 5.56 -103.31	201.43 7.70 -132.13	251.71 10.47 -160.08	220.41 10.13 -129.85	216.59 8.87 -139.02	194.60 9.96 -114.04	181.70 9.80 -101.37	146.12 9.66 -65.99	143.84 9.53 -63.65
PROJECT___ORANGE 1 24174	74.58 -0.64 -4.62	73.06 -0.77 -3.45	73.40 -0.91 -4.07	73.38 -0.84 -3.91	73.84 -0.84 -4.37	69.46 -0.64 -5.92	75.86 -0.55 -7.52	61.95 -0.40 -11.82	61.03 -0.46 -9.97	54.95 -0.36 -9.98	66.98 -0.47 -8.35	60.70 -0.42 -8.89	55.81 -0.38 -9.05	55.58 -0.33 -8.97	56.90 -0.39 -8.91	56.21 -0.37 -10.24	72.07 -0.55 -11.03	93.92 -0.65 -13.41	91.79 -0.72 -12.09	79.74 -0.69 -11.72	78.56 -0.56 -8.52	77.76 -0.71 -7.94	76.49 -0.70 -6.72	76.55 -0.57 -6.46
PROJECT___ORANGE 2 24166	74.58 -0.64 -4.62	73.06 -0.77 -3.45	73.40 -0.91 -4.07	73.38 -0.84 -3.91	73.84 -0.84 -4.37	69.46 -0.64 -5.92	75.86 -0.55 -7.52	61.95 -0.40 -11.82	61.03 -0.46 -9.97	54.95 -0.36 -9.98	66.98 -0.47 -8.35	60.70 -0.42 -8.89	55.81 -0.38 -9.05	55.58 -0.33 -8.97	56.90 -0.39 -8.91	56.21 -0.37 -10.24	72.07 -0.55 -11.03	93.92 -0.65 -13.41	91.79 -0.72 -12.09	79.74 -0.69 -11.72	78.56 -0.56 -8.52	77.76 -0.71 -7.94	76.49 -0.70 -6.72	76.55 -0.57 -6.46
PUCKETT___SOLAR 323809	88.59 1.91 -16.08	83.93 1.55 -12.00	85.89 1.48 -14.18	85.48 1.55 -13.62	87.06 1.55 -15.20	86.19 1.48 -20.53	96.78 1.79 -26.10	92.80 1.26 -41.00	87.31 1.19 -34.61	80.91 0.95 -34.62	89.19 1.12 -28.97	84.07 0.99 -30.85	79.42 0.89 -31.39	78.94 0.89 -31.12	80.20 0.92 -30.90	82.84 0.97 -35.52	101.21 1.35 -38.26	129.67 2.03 -46.47	123.87 2.01 -41.44	110.15 1.58 -39.86	101.48 1.91 -28.97	99.82 1.76 -27.52	95.47 1.69 -23.30	94.97 1.83 -22.48
PYRITES___HYD 24023	69.75 -0.85 0.00	69.61 -0.77 0.00	69.68 -0.56 0.00	69.75 -0.56 0.00	69.75 -0.56 0.00	61.75 -3.79 -1.35	66.67 -3.93 -1.71	50.50 -2.73 -2.69	50.85 -2.94 -2.27	44.83 -2.77 -2.27	57.58 -3.43 -1.90	51.38 -2.87 -2.02	45.94 -3.25 -2.06	45.55 -3.43 -2.04	47.02 -3.39 -2.03	45.52 -3.15 -2.33	60.04 -4.07 -2.51	78.21 -6.01 -3.05	77.87 -5.31 -2.75	67.18 -4.19 -2.66	72.26 -0.28 -1.94	72.12 -0.21 -1.80	71.44 -0.56 -1.53	69.74 -0.92 0.00
QUAKERRD_115KV_BK1 80622	73.29 -3.18 -5.87	71.39 -3.38 -4.38	71.76 -3.65 -5.18	71.70 -3.59 -4.97	72.35 -3.52 -5.55	68.87 -2.82 -7.50	75.26 -3.17 -9.54	63.00 -2.53 -14.99	61.38 -2.78 -12.65	55.54 -2.45 -12.66	66.50 -3.19 -10.59	60.69 -2.82 -11.28	56.07 -2.55 -11.48	55.82 -2.49 -11.38	57.01 -2.66 -11.30	56.78 -2.55 -12.98	72.20 -3.39 -13.98	93.74 -4.46 -17.04	91.64 -4.42 -15.64	80.14 -3.92 -15.34	77.52 -4.24 -11.16	76.37 -4.23 -10.07	74.98 -4.02 -8.52	75.47 -3.39 -8.21
QUEENSBRY_115KV_TB8 356137	138.47 6.35 -61.52	122.42 6.12 -45.91	130.52 6.04 -54.24	128.40 5.98 -52.11	134.58 6.12 -58.15	148.08 5.39 -78.50	174.75 6.06 -99.80	232.13 3.44 -178.16	202.41 3.71 -147.18	193.25 2.90 -145.02	186.98 3.72 -124.14	186.72 3.24 -131.25	182.36 2.83 -132.39	180.76 2.86 -130.96	181.83 2.95 -130.50	201.68 2.97 -152.37	225.47 4.07 -159.81	264.73 5.44 -178.13	246.40 5.39 -160.58	228.55 4.19 -155.65	188.73 5.08 -113.05	182.38 6.56 -105.29	165.84 6.20 -89.16	162.58 5.93 -86.00
RAMAPO___LBMP 323565	118.91 4.59 -43.72	107.30 4.29 -32.62	112.78 4.00 -38.54	111.29 3.94 -37.03	115.51 3.87 -41.32	123.06 3.08 -55.79	143.19 3.38 -70.92	164.58 2.63 -111.41	148.38 2.83 -94.03	142.09 2.67 -94.09	141.25 3.43 -78.72	139.08 3.03 -83.82	135.22 2.78 -85.30	134.22 2.72 -84.56	135.16 2.81 -83.98	145.50 2.64 -96.51	169.25 3.70 -103.95	212.69 5.11 -126.42	199.22 4.91 -113.89	183.24 4.19 -110.34	156.14 5.30 -80.24	150.22 4.87 -74.83	138.77 4.93 -63.36	136.71 4.95 -61.11
RANKINE____ 23646	73.80 -4.94 -8.14	71.18 -5.28 -6.07	71.80 -5.62 -7.18	71.58 -5.63 -6.89	72.45 -5.55 -7.69	70.35 -4.24 -10.40	76.60 -5.51 -13.22	66.70 -4.60 -20.76	63.89 -5.15 -17.53	58.29 -4.58 -17.54	67.81 -5.97 -14.67	62.42 -5.43 -15.62	58.27 -4.76 -15.90	58.10 -4.60 -15.76	59.14 -4.89 -15.65	59.70 -4.63 -17.99	74.63 -6.34 -19.37	96.10 -8.36 -23.30	90.75 -8.36 -18.69	78.01 -7.28 -16.58	74.89 -7.77 -12.06	76.79 -7.69 -13.95	75.31 -6.98 -11.81	76.52 -5.51 -11.38
RAVENSWOOD_GT2_1 24244	121.91 5.79 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.19 4.85 -43.03	126.25 3.98 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	145.38 4.31 -81.96	143.37 3.87 -87.27	139.54 3.58 -88.82	138.50 3.52 -88.04	139.45 3.63 -87.44	150.22 3.38 -100.49	174.52 4.68 -108.24	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.58 6.42 -83.56	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63

RAVENSWOOD_GT2_2 24245	121.91 5.79 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.19 4.85 -43.03	126.25 3.98 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	145.38 4.31 -81.96	143.37 3.87 -87.27	139.54 3.58 -88.82	138.50 3.52 -88.04	139.45 3.63 -87.44	150.22 3.38 -100.49	174.52 4.68 -108.24	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.58 6.42 -83.56	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD_GT2_3 24246	121.91 5.79 -45.52	109.70 5.35 -33.97	115.50 5.13 -40.13	113.94 5.06 -38.56	118.27 4.92 -43.03	126.32 4.04 -58.09	147.01 4.27 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.74 3.44 -97.96	145.44 4.37 -81.96	143.37 3.87 -87.27	139.54 3.58 -88.82	138.50 3.52 -88.04	139.45 3.63 -87.44	150.27 3.43 -100.49	174.58 4.74 -108.24	219.29 6.49 -131.63	205.21 6.19 -118.59	188.97 5.36 -114.90	160.65 6.50 -83.56	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD_GT2_4 24247	121.91 5.79 -45.52	109.70 5.35 -33.97	115.50 5.13 -40.13	113.94 5.06 -38.56	118.27 4.92 -43.03	126.32 4.04 -58.09	147.01 4.27 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.74 3.44 -97.96	145.44 4.37 -81.96	143.37 3.87 -87.27	139.54 3.58 -88.82	138.50 3.52 -88.04	139.45 3.63 -87.44	150.27 3.43 -100.49	174.58 4.74 -108.24	219.29 6.49 -131.63	205.21 6.19 -118.59	188.97 5.36 -114.90	160.65 6.50 -83.56	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD_GT3_1 24248	121.91 5.79 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.27 4.92 -43.03	126.32 4.04 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.74 3.44 -97.96	145.38 4.31 -81.96	143.37 3.87 -87.27	139.54 3.58 -88.82	138.50 3.52 -88.04	139.45 3.63 -87.44	150.22 3.38 -100.49	174.58 4.74 -108.24	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.65 6.50 -83.56	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD_GT3_2 24249	121.91 5.79 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.27 4.92 -43.03	126.32 4.04 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.74 3.44 -97.96	145.38 4.31 -81.96	143.37 3.87 -87.27	139.54 3.58 -88.82	138.50 3.52 -88.04	139.45 3.63 -87.44	150.22 3.38 -100.49	174.58 4.74 -108.24	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.65 6.50 -83.56	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD_GT3_3 24250	121.98 5.86 -45.52	109.77 5.42 -33.97	115.57 5.20 -40.13	113.94 5.06 -38.56	118.34 4.99 -43.03	126.38 4.11 -58.09	147.01 4.27 -73.84	169.88 3.34 -116.00	153.03 3.61 -97.91	146.78 3.49 -97.96	145.50 4.43 -81.96	143.48 3.97 -87.27	139.59 3.63 -88.82	138.59 3.61 -88.04	139.54 3.73 -87.44	150.31 3.48 -100.49	174.64 4.80 -108.24	219.37 6.57 -131.63	205.29 6.27 -118.59	189.04 5.43 -114.90	160.72 6.57 -83.56	154.58 6.14 -77.91	142.65 6.20 -65.97	140.57 6.29 -63.63
RAVENSWOOD_GT3_4 24251	121.98 5.86 -45.52	109.77 5.42 -33.97	115.57 5.20 -40.13	113.94 5.06 -38.56	118.34 4.99 -43.03	126.38 4.11 -58.09	147.01 4.27 -73.84	169.88 3.34 -116.00	153.03 3.61 -97.91	146.78 3.49 -97.96	145.50 4.43 -81.96	143.48 3.97 -87.27	139.59 3.63 -88.82	138.59 3.61 -88.04	139.54 3.73 -87.44	150.31 3.48 -100.49	174.64 4.80 -108.24	219.37 6.57 -131.63	205.29 6.27 -118.59	189.04 5.43 -114.90	160.72 6.57 -83.56	154.58 6.14 -77.91	142.65 6.20 -65.97	140.57 6.29 -63.63
RAVENSWOOD_GT_1 23729	122.27 6.14 -45.53	110.13 5.77 -33.98	115.86 5.48 -40.14	114.30 5.41 -38.57	118.63 5.27 -43.04	126.65 4.36 -58.10	147.28 4.55 -73.84	169.93 3.39 -116.00	153.08 3.66 -97.91	146.96 3.67 -97.96	153.00 4.67 -89.22	153.33 4.18 -96.91	139.78 3.82 -88.83	138.79 3.80 -88.05	139.74 3.92 -87.45	154.53 3.66 -104.52	198.69 5.05 -132.04	219.61 6.82 -131.63	205.61 6.59 -118.59	189.32 5.70 -114.91	161.03 6.85 -83.58	154.87 6.42 -77.92	143.01 6.55 -65.98	140.93 6.64 -63.64
RAVENSWOOD_GT_10 24258	121.84 5.72 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.19 4.85 -43.03	126.25 3.98 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	144.74 4.31 -81.32	142.52 3.87 -86.42	139.54 3.58 -88.82	138.50 3.52 -88.04	139.44 3.63 -87.44	149.86 3.38 -100.13	172.41 4.68 -106.13	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.58 6.42 -83.55	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD_GT_11 24259	121.84 5.72 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.19 4.85 -43.03	126.25 3.98 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	144.74 4.31 -81.32	142.52 3.87 -86.42	139.54 3.58 -88.82	138.50 3.52 -88.04	139.44 3.63 -87.44	149.86 3.38 -100.13	172.41 4.68 -106.13	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.58 6.42 -83.55	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD_GT_4 24252	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.12	113.79 4.92 -38.55	118.19 4.85 -43.02	126.25 3.98 -58.08	146.87 4.13 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	141.07 4.26 -77.71	137.67 3.81 -81.62	139.49 3.54 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	147.86 3.38 -98.13	160.57 4.68 -94.29	219.12 6.33 -131.63	205.13 6.11 -118.59	188.83 5.22 -114.90	160.59 6.42 -83.56	154.43 6.00 -77.90	142.50 6.06 -65.97	140.43 6.15 -63.62
RAVENSWOOD_GT_5 24254	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.12	113.79 4.92 -38.55	118.19 4.85 -43.02	126.25 3.98 -58.08	146.87 4.13 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	141.07 4.26 -77.71	137.67 3.81 -81.62	139.49 3.54 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	147.86 3.38 -98.13	160.57 4.68 -94.29	219.12 6.33 -131.63	205.13 6.11 -118.59	188.83 5.22 -114.90	160.59 6.42 -83.56	154.43 6.00 -77.90	142.50 6.06 -65.97	140.43 6.15 -63.62
RAVENSWOOD_GT_6 24253	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.12	113.79 4.92 -38.55	118.19 4.85 -43.02	126.25 3.98 -58.08	146.87 4.13 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	141.07 4.26 -77.71	137.67 3.81 -81.62	139.49 3.54 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	147.86 3.38 -98.13	160.57 4.68 -94.29	219.12 6.33 -131.63	205.13 6.11 -118.59	188.83 5.22 -114.90	160.59 6.42 -83.56	154.43 6.00 -77.90	142.50 6.06 -65.97	140.43 6.15 -63.62
RAVENSWOOD_GT_7 24255	121.83 5.72 -45.51	109.63 5.28 -33.96	115.35 4.99 -40.12	113.79 4.92 -38.55	118.19 4.85 -43.02	126.25 3.98 -58.08	146.87 4.13 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	141.07 4.26 -77.71	137.67 3.81 -81.62	139.49 3.54 -88.81	138.45 3.47 -88.04	139.39 3.58 -87.43	147.86 3.38 -98.13	160.57 4.68 -94.29	219.12 6.33 -131.63	205.13 6.11 -118.59	188.83 5.22 -114.90	160.59 6.42 -83.56	154.43 6.00 -77.90	142.50 6.06 -65.97	140.43 6.15 -63.62
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	121.84 5.72 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.19 4.85 -43.03	126.25 3.98 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	144.74 4.31 -81.32	142.52 3.87 -86.42	139.54 3.58 -88.82	138.50 3.52 -88.04	139.44 3.63 -87.44	149.86 3.38 -100.13	172.41 4.68 -106.13	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.58 6.42 -83.55	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63

RAVENSWOOD_GT_9 24257	121.84 5.72 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.19 4.85 -43.03	126.25 3.98 -58.09	146.94 4.20 -73.84	169.78 3.23 -116.00	152.93 3.50 -97.91	146.69 3.40 -97.96	144.74 4.31 -81.32	142.52 3.87 -86.42	139.54 3.58 -88.82	138.50 3.52 -88.04	139.44 3.63 -87.44	149.86 3.38 -100.13	172.41 4.68 -106.13	219.21 6.41 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.58 6.42 -83.55	154.51 6.07 -77.91	142.58 6.13 -65.97	140.50 6.22 -63.63
RAVENSWOOD___1 23533	122.27 6.14 -45.53	110.06 5.70 -33.97	115.79 5.41 -40.14	114.22 5.34 -38.57	118.55 5.20 -43.03	126.58 4.30 -58.10	147.28 4.55 -73.84	169.98 3.44 -116.00	152.98 3.55 -97.91	146.92 3.63 -97.96	152.01 4.55 -88.35	152.07 4.08 -95.76	139.78 3.82 -88.83	138.79 3.80 -88.05	139.74 3.92 -87.45	154.00 3.62 -104.04	195.77 4.99 -129.18	219.61 6.82 -131.63	205.53 6.51 -118.59	189.26 5.64 -114.91	161.00 6.85 -83.56	155.07 6.63 -77.91	143.07 6.62 -65.97	140.86 6.57 -63.64
RAVENSWOOD___2 23534	122.20 6.07 -45.53	109.99 5.63 -33.97	115.79 5.41 -40.14	114.22 5.34 -38.57	118.55 5.20 -43.03	126.58 4.30 -58.10	147.28 4.55 -73.84	169.93 3.39 -116.00	152.98 3.55 -97.91	146.87 3.58 -97.96	151.92 4.49 -88.33	151.98 4.02 -95.72	139.74 3.77 -88.83	138.74 3.76 -88.05	139.70 3.87 -87.45	153.99 3.62 -104.03	195.63 4.93 -129.10	219.53 6.73 -131.63	205.53 6.51 -118.59	189.18 5.56 -114.91	160.94 6.78 -83.56	155.07 6.63 -77.91	143.01 6.56 -65.97	140.79 6.50 -63.64
RAVENSWOOD___3 23535	121.91 5.79 -45.52	109.70 5.35 -33.97	115.43 5.06 -40.13	113.87 4.99 -38.56	118.19 4.85 -43.03	126.32 4.05 -58.09	146.94 4.20 -73.84	169.78 3.24 -116.00	152.88 3.45 -97.91	146.69 3.40 -97.96	145.33 4.26 -81.96	143.32 3.81 -87.27	139.54 3.58 -88.82	138.55 3.57 -88.04	139.49 3.67 -87.44	150.22 3.38 -100.49	174.52 4.68 -108.24	219.29 6.50 -131.63	205.21 6.19 -118.59	188.90 5.29 -114.90	160.64 6.49 -83.55	154.71 6.28 -77.90	142.71 6.27 -65.97	140.50 6.22 -63.63
RAVENSWOOD___4 23820	122.20 6.07 -45.52	109.99 5.63 -33.97	115.71 5.34 -40.14	114.16 5.28 -38.57	118.55 5.20 -43.03	126.58 4.30 -58.09	147.21 4.48 -73.84	169.93 3.39 -116.00	152.93 3.50 -97.91	146.87 3.58 -97.96	151.06 4.49 -87.46	150.84 4.02 -94.58	139.74 3.77 -88.83	138.74 3.76 -88.05	139.70 3.87 -87.45	153.51 3.62 -103.55	192.81 4.93 -126.28	219.53 6.73 -131.63	205.45 6.44 -118.59	189.18 5.56 -114.91	160.92 6.78 -83.54	155.00 6.56 -77.91	143.01 6.56 -65.97	140.79 6.50 -63.64
RCPI_TRUST___DRP 24196	121.97 5.86 -45.51	109.77 5.42 -33.96	115.56 5.20 -40.12	113.93 5.06 -38.55	118.33 4.99 -43.02	126.37 4.11 -58.08	147.06 4.34 -73.83	169.91 3.39 -115.98	153.12 3.71 -97.89	146.81 3.54 -97.95	145.54 4.49 -81.95	143.51 4.02 -87.26	139.62 3.68 -88.80	138.58 3.61 -88.03	139.57 3.77 -87.42	150.34 3.52 -100.47	174.69 4.87 -108.22	219.42 6.66 -131.61	205.35 6.35 -118.57	189.02 5.43 -114.88	160.71 6.57 -83.54	154.63 6.21 -77.90	142.64 6.20 -65.96	140.56 6.29 -63.62
RED___ROCHESTER 323720	75.01 -1.62 -6.03	72.92 -1.97 -4.50	73.31 -2.25 -5.32	73.25 -2.18 -5.11	73.91 -2.11 -5.70	70.49 -1.41 -7.71	76.97 -1.72 -9.80	64.42 -1.51 -15.40	62.76 -1.75 -13.00	56.74 -1.59 -13.00	67.98 -2.01 -10.88	62.04 -1.78 -11.59	57.28 -1.65 -11.79	57.03 -1.60 -11.69	58.20 -1.79 -11.61	58.02 -1.67 -13.34	73.69 -2.28 -14.37	95.91 -2.76 -17.50	93.65 -2.82 -16.04	81.75 -2.68 -15.72	79.05 -2.96 -11.41	77.90 -2.96 -10.32	76.54 -2.68 -8.74	77.18 -1.90 -8.43
REGAN___SOLAR 323812	142.73 6.36 -65.77	125.52 6.05 -49.08	134.19 5.97 -57.99	132.08 6.05 -55.72	138.74 6.26 -62.17	153.77 5.65 -83.93	182.06 6.47 -106.70	223.01 4.85 -167.62	197.78 4.79 -141.47	190.46 3.58 -141.55	181.91 4.37 -118.43	181.94 3.60 -126.10	178.59 3.11 -128.34	177.30 3.15 -127.22	178.06 3.34 -126.34	195.25 3.66 -145.24	223.40 5.36 -156.45	278.81 7.38 -190.26	259.43 7.56 -171.45	240.90 6.05 -166.14	198.15 6.78 -120.77	189.73 6.63 -112.57	172.06 6.27 -95.32	168.60 6.00 -91.94
RENSSELAER___COGEN 23796	132.08 2.19 -59.29	116.81 2.18 -44.24	124.61 2.11 -52.27	122.64 2.11 -50.22	128.46 2.11 -56.04	140.67 0.83 -75.65	165.83 0.76 -96.18	177.06 0.45 -126.07	162.22 0.57 -110.14	158.55 0.41 -112.82	150.79 0.59 -91.09	150.86 0.52 -98.10	148.83 0.47 -101.22	148.06 0.47 -100.66	148.36 0.53 -99.45	158.44 0.46 -111.63	187.49 0.62 -125.28	253.41 0.89 -171.35	235.78 0.89 -154.47	219.13 0.69 -149.73	181.03 1.48 -108.94	173.41 1.41 -101.47	157.88 1.48 -85.92	155.65 2.12 -82.88
REPUBLIC_115KV_BARTNBRK 55605	141.40 9.32 -61.48	125.20 8.94 -45.88	133.22 8.78 -54.20	131.11 8.72 -52.08	137.43 9.00 -58.11	150.86 8.22 -78.45	177.92 9.30 -99.73	236.00 6.12 -179.35	206.10 6.59 -147.99	196.24 5.21 -145.70	190.72 6.74 -124.88	190.11 5.90 -131.98	185.24 5.04 -133.06	183.66 5.12 -131.61	184.82 5.27 -131.17	204.91 5.28 -153.27	229.39 7.27 -160.53	268.93 9.74 -178.02	250.57 9.65 -160.49	231.69 7.42 -155.56	191.98 8.40 -112.97	185.28 9.52 -105.23	168.46 8.88 -89.10	165.21 8.62 -85.94
REVERE_CPFR_DRP 24186	76.10 3.04 -2.47	75.04 2.82 -1.84	75.22 2.81 -2.17	75.22 2.81 -2.09	75.53 2.88 -2.33	69.85 2.44 -3.22	75.88 2.89 -4.09	59.19 2.22 -6.43	59.16 2.22 -5.43	52.66 1.90 -5.43	66.07 2.42 -4.54	59.26 2.19 -4.84	54.09 2.03 -4.92	53.79 1.97 -4.88	55.26 2.03 -4.85	53.91 1.99 -5.57	70.25 2.65 -6.00	92.03 3.57 -7.30	90.54 3.54 -6.58	77.97 2.89 -6.38	78.84 3.60 -4.64	78.31 3.46 -4.32	77.38 3.24 -3.66	77.14 3.04 -3.45
REYNOLDS_115KV_TB3 80639	133.50 3.18 -59.73	118.19 3.24 -44.57	126.06 3.16 -52.66	124.00 3.09 -50.59	129.87 3.09 -56.46	142.33 1.93 -76.22	167.78 2.00 -96.89	137.46 1.31 -85.60	135.14 1.44 -82.18	135.76 1.22 -89.21	126.63 1.65 -65.87	126.76 1.46 -73.07	126.55 1.37 -78.04	126.52 1.36 -78.22	126.14 1.45 -76.31	128.27 1.34 -80.57	163.41 1.60 -100.21	255.94 2.35 -172.42	238.04 2.17 -155.44	221.23 1.86 -150.67	183.18 2.82 -109.75	175.65 2.89 -102.23	160.00 2.96 -86.56	157.18 3.04 -83.49
RIVERBAY____ 323610	123.33 7.20 -45.53	111.12 6.76 -33.97	116.84 6.46 -40.14	115.28 6.40 -38.57	119.68 6.33 -43.03	127.55 5.26 -58.10	148.18 5.44 -73.84	170.28 3.74 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	145.97 4.91 -81.95	143.85 4.34 -87.28	140.02 4.05 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	150.65 3.80 -100.50	175.08 5.24 -108.25	220.10 7.30 -131.63	206.18 7.16 -118.59	189.74 6.12 -114.91	161.37 7.20 -83.56	155.29 6.84 -77.92	143.50 7.05 -65.98	141.36 7.07 -63.64
RIVERSIDE_115KV_TB3 55908	133.09 2.68 -59.81	117.69 2.67 -44.63	125.57 2.60 -52.73	123.58 2.60 -50.67	129.45 2.60 -56.54	141.86 1.35 -76.32	167.23 1.31 -97.03	162.35 0.91 -110.91	152.29 0.98 -99.80	150.35 0.82 -104.20	141.95 1.12 -81.72	142.12 1.04 -88.84	140.79 0.94 -92.71	140.31 0.94 -92.43	140.29 0.97 -90.94	147.36 0.93 -100.08	178.94 1.17 -116.17	255.58 1.62 -172.79	237.73 1.53 -155.77	220.94 1.24 -150.99	182.63 2.12 -109.91	174.95 2.05 -102.37	159.34 2.18 -86.68	156.81 2.54 -83.61
ROARING___BROOK_WT_PWR 323790	70.03 -0.57 0.00	69.82 -0.57 0.00	69.68 -0.56 0.00	69.68 -0.63 0.00	69.68 -0.63 0.00	62.00 -2.18 0.00	66.48 -2.41 0.00	48.77 -1.77 0.00	49.66 -1.85 0.00	43.65 -1.68 0.00	57.04 -2.07 0.00	50.40 -1.83 0.00	45.25 -1.89 0.00	45.01 -1.93 0.00	46.44 -1.94 0.00	44.49 -1.86 0.00	59.20 -2.40 0.00	77.27 -3.89 0.00	76.89 -3.54 0.00	66.17 -2.54 0.00	69.89 -0.71 0.00	69.83 -0.71 0.00	69.84 -0.64 0.00	70.02 -0.64 0.00

ROCHESRG_115KV_T4 355643	74.11 -2.47 -5.98	72.17 -2.67 -4.46	72.63 -2.88 -5.27	72.50 -2.88 -5.07	73.16 -2.81 -5.65	69.78 -2.05 -7.65	76.06 -2.55 -9.72	63.63 -2.17 -15.27	61.93 -2.47 -12.89	56.05 -2.18 -12.89	67.06 -2.84 -10.79	61.16 -2.56 -11.49	56.57 -2.26 -11.69	56.37 -2.16 -11.59	57.47 -2.42 -11.51	57.30 -2.27 -13.23	72.77 -3.08 -14.25	94.55 -3.98 -17.37	92.47 -3.94 -15.99	80.92 -3.50 -15.71	78.14 -3.88 -11.43	76.91 -3.88 -10.26	75.64 -3.52 -8.68	76.33 -2.68 -8.36
ROCHESTER_9_IC 23652	74.59 -2.05 -6.03	72.56 -2.32 -4.50	73.03 -2.53 -5.32	72.89 -2.53 -5.11	73.63 -2.39 -5.70	70.16 -1.73 -7.71	76.56 -2.14 -9.80	64.12 -1.82 -15.40	62.40 -2.11 -13.00	56.47 -1.86 -13.00	67.56 -2.42 -10.88	61.62 -2.19 -11.58	56.99 -1.93 -11.79	56.79 -1.83 -11.69	57.90 -2.08 -11.61	57.74 -1.95 -13.34	73.38 -2.59 -14.37	95.26 -3.41 -17.50	93.09 -3.38 -16.04	81.40 -3.02 -15.72	78.64 -3.39 -11.43	77.49 -3.39 -10.34	76.13 -3.10 -8.76	76.83 -2.26 -8.43
ROCKVIEW_13_KV_LD 356306	121.83 5.72 -45.52	109.70 5.35 -33.96	115.42 5.06 -40.13	113.86 4.99 -38.56	118.26 4.92 -43.02	126.31 4.04 -58.08	147.14 4.41 -73.84	169.97 3.44 -116.00	153.08 3.66 -97.91	146.78 3.49 -97.96	145.50 4.43 -81.96	143.42 3.92 -87.27	139.58 3.63 -88.81	138.54 3.57 -88.04	139.49 3.68 -87.43	150.31 3.48 -100.48	174.64 4.80 -108.23	219.36 6.57 -131.62	205.36 6.35 -118.59	189.03 5.43 -114.90	160.72 6.57 -83.55	154.57 6.14 -77.91	142.58 6.13 -65.97	140.43 6.15 -63.63
ROME____115KV_TB2 80656	76.10 3.04 -2.47	75.04 2.82 -1.84	75.22 2.81 -2.17	75.22 2.81 -2.09	75.53 2.88 -2.33	69.85 2.44 -3.22	75.88 2.89 -4.09	59.19 2.22 -6.43	59.16 2.22 -5.43	52.66 1.90 -5.43	66.07 2.42 -4.54	59.26 2.19 -4.84	54.09 2.03 -4.92	53.79 1.97 -4.88	55.26 2.03 -4.85	53.91 1.99 -5.57	70.25 2.65 -6.00	92.03 3.57 -7.30	90.54 3.54 -6.58	77.97 2.89 -6.38	78.84 3.60 -4.64	78.31 3.46 -4.32	77.38 3.24 -3.66	77.14 3.04 -3.45
ROSETON___1 23587	120.36 4.73 -45.03	108.42 4.44 -33.60	114.15 4.21 -39.70	112.61 4.15 -38.14	116.96 4.08 -42.56	124.92 3.27 -57.46	145.45 3.51 -73.05	167.97 2.68 -114.75	151.20 2.83 -96.85	144.91 2.67 -96.91	143.61 3.43 -81.08	141.59 3.03 -86.33	137.78 2.78 -87.86	136.80 2.77 -87.09	137.78 2.90 -86.50	148.44 2.69 -99.40	172.37 3.70 -107.07	216.49 5.12 -130.21	202.64 4.91 -117.31	186.56 4.19 -113.66	158.54 5.30 -82.65	152.74 5.15 -77.06	140.87 5.14 -65.25	138.69 5.09 -62.94
ROSETON___2 23588	120.36 4.73 -45.03	108.42 4.44 -33.60	114.15 4.21 -39.70	112.61 4.15 -38.14	116.96 4.08 -42.56	124.92 3.27 -57.46	145.45 3.51 -73.05	167.97 2.68 -114.75	151.20 2.83 -96.85	144.91 2.67 -96.91	143.61 3.43 -81.08	141.59 3.03 -86.33	137.78 2.78 -87.86	136.80 2.77 -87.09	137.78 2.90 -86.50	148.44 2.69 -99.40	172.37 3.70 -107.07	216.49 5.12 -130.21	202.64 4.91 -117.31	186.56 4.19 -113.66	158.54 5.30 -82.65	152.74 5.15 -77.06	140.87 5.14 -65.25	138.69 5.09 -62.94
ROTRDAM_115KV_TB3 80664	135.75 2.97 -62.18	119.67 2.89 -46.40	127.87 2.81 -54.82	125.80 2.81 -52.67	131.98 2.88 -58.78	145.72 2.18 -79.35	172.18 2.41 -100.87	210.72 1.72 -158.47	187.07 1.80 -133.75	180.60 1.45 -133.82	172.90 1.83 -111.96	173.07 1.62 -119.22	169.93 1.46 -121.33	168.66 1.46 -120.27	169.37 1.55 -119.45	185.20 1.53 -137.32	211.61 2.09 -147.91	263.81 2.76 -179.89	245.33 2.73 -162.17	228.17 2.27 -157.19	187.76 2.89 -114.27	179.92 2.96 -106.43	163.56 2.96 -90.12	160.47 2.90 -86.92
RUSSELL___1 23602	74.94 -1.69 -6.03	72.92 -1.97 -4.50	73.31 -2.25 -5.32	73.18 -2.25 -5.11	73.91 -2.11 -5.70	70.49 -1.41 -7.71	76.90 -1.79 -9.80	64.42 -1.52 -15.40	62.71 -1.80 -13.00	56.70 -1.63 -13.00	67.92 -2.07 -10.88	61.94 -1.88 -11.59	57.28 -1.65 -11.79	57.08 -1.55 -11.69	58.19 -1.79 -11.61	58.02 -1.67 -13.34	73.75 -2.22 -14.37	95.83 -2.84 -17.50	93.65 -2.81 -16.04	81.89 -2.54 -15.72	79.07 -2.97 -11.43	77.91 -2.96 -10.34	76.49 -2.75 -8.76	77.18 -1.91 -8.43
RUSSELL___2 23532	74.94 -1.69 -6.03	72.92 -1.97 -4.50	73.31 -2.25 -5.32	73.18 -2.25 -5.11	73.91 -2.11 -5.70	70.49 -1.41 -7.71	76.90 -1.79 -9.80	64.42 -1.52 -15.40	62.71 -1.80 -13.00	56.70 -1.63 -13.00	67.92 -2.07 -10.88	61.94 -1.88 -11.59	57.28 -1.65 -11.79	57.08 -1.55 -11.69	58.19 -1.79 -11.61	58.02 -1.67 -13.34	73.75 -2.22 -14.37	95.83 -2.84 -17.50	93.65 -2.81 -16.04	81.89 -2.54 -15.72	79.07 -2.97 -11.43	77.91 -2.96 -10.34	76.49 -2.75 -8.76	77.18 -1.91 -8.43
RUSSELL___3 23549	74.94 -1.69 -6.03	72.92 -1.97 -4.50	73.31 -2.25 -5.32	73.18 -2.25 -5.11	73.91 -2.11 -5.70	70.49 -1.41 -7.71	76.90 -1.79 -9.80	64.42 -1.52 -15.40	62.71 -1.80 -13.00	56.70 -1.63 -13.00	67.92 -2.07 -10.88	61.94 -1.88 -11.59	57.28 -1.65 -11.79	57.08 -1.55 -11.69	58.19 -1.79 -11.61	58.02 -1.67 -13.34	73.75 -2.22 -14.37	95.83 -2.84 -17.50	93.65 -2.81 -16.04	81.89 -2.54 -15.72	79.07 -2.97 -11.43	77.91 -2.96 -10.34	76.49 -2.75 -8.76	77.18 -1.91 -8.43
RUSSELL___4 23556	74.94 -1.69 -6.03	72.92 -1.97 -4.50	73.31 -2.25 -5.32	73.18 -2.25 -5.11	73.91 -2.11 -5.70	70.49 -1.41 -7.71	76.90 -1.79 -9.80	64.42 -1.52 -15.40	62.71 -1.80 -13.00	56.70 -1.63 -13.00	67.92 -2.07 -10.88	61.94 -1.88 -11.59	57.28 -1.65 -11.79	57.08 -1.55 -11.69	58.19 -1.79 -11.61	58.02 -1.67 -13.34	73.75 -2.22 -14.37	95.83 -2.84 -17.50	93.65 -2.81 -16.04	81.89 -2.54 -15.72	79.07 -2.97 -11.43	77.91 -2.96 -10.34	76.49 -2.75 -8.76	77.18 -1.91 -8.43
RUSSELL___STATION 23914	74.94 -1.69 -6.03	72.92 -1.97 -4.50	73.31 -2.25 -5.32	73.18 -2.25 -5.11	73.91 -2.11 -5.70	70.49 -1.41 -7.71	76.90 -1.79 -9.80	64.42 -1.52 -15.40	62.71 -1.80 -13.00	56.70 -1.63 -13.00	67.92 -2.07 -10.88	61.94 -1.88 -11.59	57.28 -1.65 -11.79	57.08 -1.55 -11.69	58.19 -1.79 -11.61	58.02 -1.67 -13.34	73.75 -2.22 -14.37	95.83 -2.84 -17.50	93.65 -2.81 -16.04	81.89 -2.54 -15.72	79.07 -2.97 -11.43	77.91 -2.96 -10.34	76.49 -2.75 -8.76	77.18 -1.91 -8.43
S SALMON___HYD 24043	73.27 -0.71 -3.38	71.99 -0.92 -2.52	72.23 -0.98 -2.98	72.19 -0.98 -2.86	72.59 -0.92 -3.19	67.53 -1.03 -4.37	73.48 -0.96 -5.56	58.67 -0.60 -8.73	58.16 -0.72 -7.37	52.07 -0.63 -7.37	64.51 -0.77 -6.17	58.18 -0.62 -6.57	53.21 -0.61 -6.69	52.95 -0.61 -6.63	54.33 -0.63 -6.58	53.36 -0.55 -7.56	68.88 -0.86 -8.15	90.10 -0.97 -9.91	88.40 -0.96 -8.93	76.47 -0.90 -8.66	76.45 -0.35 -6.20	75.89 -0.42 -5.78	74.73 -0.64 -4.89	74.67 -0.71 -4.72
S.PERRY___115KV_TB1 80734	79.15 0.00 -8.55	76.34 -0.42 -6.38	76.94 -0.84 -7.54	76.72 -0.84 -7.24	77.70 -0.70 -8.08	75.17 0.06 -10.92	82.92 0.14 -13.89	72.30 -0.05 -21.82	69.46 -0.46 -18.41	63.12 -0.63 -18.42	73.52 -1.00 -15.41	67.60 -1.04 -16.41	62.94 -0.90 -16.70	62.65 -0.84 -16.56	63.90 -0.92 -16.44	64.41 -0.83 -18.90	81.15 -0.80 -20.36	105.11 -0.73 -24.68	101.28 -0.72 -21.58	88.36 -0.82 -20.48	84.22 -1.27 -14.89	83.77 -1.41 -14.65	81.69 -1.20 -12.41	82.11 -0.49 -11.95
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	73.32 -5.08 -7.80	70.78 -5.42 -5.82	71.42 -5.69 -6.87	71.23 -5.70 -6.61	72.06 -5.63 -7.37	69.78 -4.36 -9.96	75.91 -5.65 -12.66	65.63 -4.80 -19.90	63.00 -5.31 -16.79	57.37 -4.76 -16.80	66.96 -6.21 -14.06	61.61 -5.59 -14.97	57.47 -4.90 -15.23	57.30 -4.74 -15.10	58.29 -5.08 -15.00	58.76 -4.82 -17.24	73.57 -6.59 -18.56	94.68 -8.77 -22.29	89.20 -8.77 -17.54	76.46 -7.56 -15.31	73.62 -8.12 -11.14	75.92 -7.97 -13.36	74.60 -7.19 -11.31	75.90 -5.65 -10.90

SAWYER___23_KV_LOAD 55526	73.32 -5.08 -7.80	70.78 -5.42 -5.82	71.42 -5.69 -6.87	71.23 -5.70 -6.61	72.06 -5.63 -7.37	69.78 -4.36 -9.96	75.91 -5.65 -12.66	65.63 -4.80 -19.90	63.00 -5.31 -16.79	57.37 -4.76 -16.80	66.96 -6.21 -14.06	61.61 -5.59 -14.97	57.47 -4.90 -15.23	57.30 -4.74 -15.10	58.29 -5.08 -15.00	58.76 -4.82 -17.24	73.57 -6.59 -18.56	94.68 -8.77 -22.29	89.20 -8.77 -17.54	76.46 -7.56 -15.31	73.62 -8.12 -11.14	75.92 -7.97 -13.36	74.60 -7.19 -11.31	75.90 -5.65 -10.90
SELKIRK___I 23801	131.55 2.68 -58.27	116.54 2.67 -43.48	124.28 2.67 -51.37	122.35 2.67 -49.36	128.07 2.67 -55.08	140.15 1.61 -74.36	165.01 1.59 -94.53	183.82 1.11 -132.17	166.64 1.13 -113.99	161.95 0.86 -115.76	154.93 1.12 -94.70	154.78 0.99 -101.56	152.25 0.85 -104.26	151.39 0.89 -103.56	151.86 0.97 -102.52	163.40 0.97 -116.07	191.21 1.30 -128.32	251.32 1.71 -168.45	233.98 1.69 -151.86	217.35 1.45 -147.20	179.87 2.19 -107.08	172.45 2.19 -99.73	157.11 2.19 -84.45	154.65 2.54 -81.46
SELKIRK___II 23799	131.94 2.33 -59.02	116.74 2.32 -44.04	124.52 2.25 -52.03	122.63 2.32 -49.99	128.42 2.32 -55.79	140.72 1.22 -75.31	165.87 1.24 -95.74	183.75 0.86 -132.35	166.79 0.87 -114.40	162.40 0.72 -116.35	155.08 1.00 -94.97	155.04 0.89 -101.92	152.66 0.80 -104.72	151.77 0.80 -104.04	152.20 0.87 -102.96	163.53 0.79 -116.40	191.66 1.05 -129.01	253.23 1.46 -170.60	235.67 1.45 -153.80	218.95 1.17 -149.08	180.95 1.91 -108.45	173.44 1.91 -101.01	157.98 1.97 -85.53	155.48 2.33 -82.50
SENECA OSWGO___HYD 24041	72.90 -1.41 -3.72	71.61 -1.55 -2.77	71.83 -1.69 -3.28	71.78 -1.69 -3.15	72.21 -1.61 -3.51	67.54 -1.41 -4.77	73.57 -1.38 -6.06	59.04 -1.01 -9.52	58.46 -1.08 -8.03	52.46 -0.91 -8.04	64.65 -1.18 -6.72	58.35 -1.04 -7.16	53.48 -0.94 -7.29	53.22 -0.94 -7.22	54.58 -0.97 -7.17	53.67 -0.93 -8.24	69.25 -1.23 -8.88	90.42 -1.54 -10.80	88.63 -1.53 -9.74	76.77 -1.37 -9.44	76.16 -1.27 -6.83	75.48 -1.41 -6.36	74.45 -1.41 -5.38	74.50 -1.34 -5.19
SENECA___115KV_TB3 355854	73.94 -4.80 -8.14	71.25 -5.21 -6.07	71.94 -5.48 -7.18	71.73 -5.48 -6.89	72.52 -5.48 -7.69	70.41 -4.17 -10.40	76.74 -5.37 -13.22	66.75 -4.55 -20.76	63.99 -5.05 -17.53	58.33 -4.53 -17.54	67.87 -5.91 -14.67	62.53 -5.33 -15.62	58.37 -4.67 -15.90	58.19 -4.51 -15.76	59.19 -4.59 -15.65	59.75 -4.84 -17.99	74.75 -6.22 -19.37	96.26 -8.20 -23.30	90.91 -8.20 -18.69	78.14 -7.15 -16.58	75.03 -7.62 -12.06	76.86 -7.62 -13.95	75.38 -6.91 -11.81	76.66 -5.37 -11.38
SENECA___ENERGY 23797	76.66 -0.64 -6.70	74.40 -0.99 -5.00	74.95 -1.19 -5.91	74.86 -1.13 -5.68	75.60 -1.05 -6.33	72.18 -0.58 -8.57	79.23 -0.55 -10.89	67.30 -0.35 -17.11	65.44 -0.52 -14.44	59.28 -0.50 -14.45	70.43 -0.77 -12.09	64.37 -0.73 -12.87	59.58 -0.66 -13.10	59.31 -0.61 -12.99	60.60 -0.68 -12.90	60.52 -0.65 -14.82	76.64 -0.92 -15.96	99.44 -1.14 -19.42	96.80 -1.13 -17.50	84.65 -1.03 -16.97	81.93 -0.99 -12.31	80.87 -1.13 -11.47	79.06 -1.13 -9.71	79.32 -0.71 -9.37
SHOEMAKER___GT 23640	116.26 4.09 -41.56	105.27 3.87 -31.02	110.53 3.65 -36.64	109.11 3.58 -35.21	113.12 3.51 -39.29	120.05 2.82 -53.04	139.42 3.10 -67.43	158.79 2.33 -105.93	143.34 2.42 -89.41	137.09 2.31 -89.45	136.84 2.90 -74.84	134.43 2.51 -79.69	130.55 2.31 -81.10	129.63 2.30 -80.39	130.59 2.37 -79.84	140.38 2.27 -91.76	163.64 3.20 -98.84	205.82 4.46 -120.19	193.04 4.34 -108.28	177.32 3.71 -104.90	151.53 4.66 -76.27	146.11 4.45 -71.13	135.15 4.44 -60.23	133.07 4.31 -58.10
SHOEMAKR_138KV_BK 111 55601	115.91 4.02 -41.29	105.00 3.80 -30.81	110.22 3.58 -36.40	108.88 3.59 -34.98	112.86 3.52 -39.03	119.64 2.76 -52.69	138.91 3.03 -66.98	158.09 2.32 -105.23	142.80 2.47 -88.82	136.50 2.31 -88.86	136.35 2.90 -74.35	133.96 2.56 -79.17	130.02 2.31 -80.57	129.05 2.25 -79.86	130.06 2.37 -79.32	139.77 2.27 -91.15	162.99 3.20 -98.18	204.95 4.38 -119.40	192.25 4.26 -107.56	176.63 3.71 -104.21	150.97 4.59 -75.78	145.44 4.23 -70.67	134.62 4.30 -59.84	132.68 4.31 -57.72
SHOREHAM_IC_1 23715	125.16 9.04 -45.52	112.73 8.37 -33.97	118.10 7.73 -40.14	116.48 7.60 -38.56	120.73 7.38 -43.03	129.08 6.80 -58.10	149.57 6.82 -73.85	171.62 5.05 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.96 6.85 -82.00	148.78 6.00 -90.55	146.02 5.51 -93.37	145.97 5.49 -93.54	148.81 5.80 -94.63	155.22 5.56 -103.31	201.43 7.70 -132.13	251.71 10.47 -160.08	220.41 10.13 -129.85	216.59 8.87 -139.02	194.60 9.96 -114.04	181.70 9.80 -101.37	146.12 9.66 -65.99	143.84 9.53 -63.65
SHOREHAM_IC_2 23716	125.16 9.04 -45.52	112.73 8.37 -33.97	118.10 7.73 -40.14	116.48 7.60 -38.56	120.73 7.38 -43.03	129.08 6.80 -58.10	149.57 6.82 -73.85	171.62 5.05 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.96 6.85 -82.00	148.78 6.00 -90.55	146.02 5.51 -93.37	145.97 5.49 -93.54	148.81 5.80 -94.63	155.22 5.56 -103.31	201.43 7.70 -132.13	251.71 10.47 -160.08	220.41 10.13 -129.85	216.59 8.87 -139.02	194.60 9.96 -114.04	181.70 9.80 -101.37	146.12 9.66 -65.99	143.84 9.53 -63.65
SISSONVILLE___ 23735	67.92 -2.68 0.00	67.85 -2.53 0.00	67.78 -2.46 0.00	67.86 -2.46 0.00	67.78 -2.53 0.00	60.12 -5.46 -1.39	64.80 -5.86 -1.77	49.22 -4.09 -2.78	49.53 -4.33 -2.35	43.73 -3.94 -2.35	56.11 -4.97 -1.96	50.09 -4.23 -2.09	44.84 -4.43 -2.13	44.49 -4.55 -2.11	45.92 -4.55 -2.10	44.45 -4.31 -2.41	58.46 -5.73 -2.59	76.04 -8.28 -3.15	75.63 -7.64 -2.84	65.35 -6.12 -2.76	70.20 -2.40 -2.00	70.07 -2.33 -1.87	69.45 -2.61 -1.58	67.76 -2.90 0.00
SITHE_IND_GS1 24169	70.86 -2.47 -2.73	69.82 -2.60 -2.04	69.98 -2.67 -2.40	69.95 -2.67 -2.31	70.29 -2.60 -2.58	65.24 -2.44 -3.49	70.78 -2.55 -4.44	55.64 -1.87 -6.97	55.44 -1.96 -5.89	49.49 -1.72 -5.89	61.79 -2.25 -4.93	55.49 -1.98 -5.25	50.68 -1.79 -5.34	50.45 -1.78 -5.29	51.79 -1.84 -5.26	50.63 -1.76 -6.04	65.70 -2.40 -6.51	86.00 -3.08 -7.92	84.58 -3.06 -7.21	73.06 -2.68 -7.03	73.09 -2.61 -5.10	72.59 -2.61 -4.67	71.82 -2.61 -3.95	71.93 -2.54 -3.81
SITHE_IND_GS2 24170	70.86 -2.47 -2.73	69.82 -2.60 -2.04	69.98 -2.67 -2.40	69.95 -2.67 -2.31	70.29 -2.60 -2.58	65.24 -2.44 -3.49	70.78 -2.55 -4.44	55.64 -1.87 -6.97	55.44 -1.96 -5.89	49.49 -1.72 -5.89	61.79 -2.25 -4.93	55.49 -1.98 -5.25	50.68 -1.79 -5.34	50.45 -1.78 -5.29	51.79 -1.84 -5.26	50.63 -1.76 -6.04	65.70 -2.40 -6.51	86.00 -3.08 -7.92	84.58 -3.06 -7.21	73.06 -2.68 -7.03	73.09 -2.61 -5.10	72.59 -2.61 -4.67	71.82 -2.61 -3.95	71.93 -2.54 -3.81
SITHE_IND_GS3 24171	70.86 -2.47 -2.73	69.82 -2.60 -2.04	69.98 -2.67 -2.40	69.95 -2.67 -2.31	70.29 -2.60 -2.58	65.24 -2.44 -3.49	70.78 -2.55 -4.44	55.64 -1.87 -6.97	55.44 -1.96 -5.89	49.49 -1.72 -5.89	61.79 -2.25 -4.93	55.49 -1.98 -5.25	50.68 -1.79 -5.34	50.45 -1.78 -5.29	51.79 -1.84 -5.26	50.63 -1.76 -6.04	65.70 -2.40 -6.51	86.00 -3.08 -7.92	84.58 -3.06 -7.21	73.06 -2.68 -7.03	73.09 -2.61 -5.10	72.59 -2.61 -4.67	71.82 -2.61 -3.95	71.93 -2.54 -3.81
SITHE_IND_GS4 24172	70.86 -2.47 -2.73	69.82 -2.60 -2.04	69.98 -2.67 -2.40	69.95 -2.67 -2.31	70.29 -2.60 -2.58	65.24 -2.44 -3.49	70.78 -2.55 -4.44	55.64 -1.87 -6.97	55.44 -1.96 -5.89	49.49 -1.72 -5.89	61.79 -2.25 -4.93	55.49 -1.98 -5.25	50.68 -1.79 -5.34	50.45 -1.78 -5.29	51.79 -1.84 -5.26	50.63 -1.76 -6.04	65.70 -2.40 -6.51	86.00 -3.08 -7.92	84.58 -3.06 -7.21	73.06 -2.68 -7.03	73.09 -2.61 -5.10	72.59 -2.61 -4.67	71.82 -2.61 -3.95	71.93 -2.54 -3.81

SITHE____BATAVIA 24024	74.65 -2.90 -6.94	72.26 -3.31 -5.18	72.64 -3.72 -6.12	72.54 -3.66 -5.88	73.37 -3.51 -6.56	70.62 -2.44 -8.87	77.00 -3.17 -11.28	65.48 -2.78 -17.72	63.33 -3.14 -14.95	57.35 -2.95 -14.96	67.84 -3.78 -12.52	62.17 -3.39 -13.33	57.59 -3.11 -13.57	57.38 -3.00 -13.45	58.44 -3.29 -13.36	58.64 -3.06 -15.35	73.94 -4.19 -16.53	96.02 -5.11 -19.96	92.02 -5.15 -16.74	79.30 -4.81 -15.40	76.56 -5.22 -11.18	77.20 -5.22 -11.88	75.82 -4.72 -10.06	76.90 -3.46 -9.71
SITHE____INDEPEND 23800	70.79 -2.54 -2.73	69.82 -2.60 -2.04	69.98 -2.67 -2.40	69.95 -2.67 -2.31	70.29 -2.60 -2.58	65.24 -2.44 -3.49	70.78 -2.55 -4.44	55.64 -1.87 -6.97	55.44 -1.96 -5.89	49.49 -1.72 -5.89	61.79 -2.25 -4.93	55.49 -1.98 -5.25	50.68 -1.79 -5.34	50.45 -1.78 -5.29	51.79 -1.84 -5.26	50.63 -1.76 -6.04	65.70 -2.40 -6.51	85.92 -3.17 -7.92	84.50 -3.14 -7.21	73.06 -2.68 -7.03	73.10 -2.61 -5.11	72.53 -2.68 -4.68	71.76 -2.68 -3.97	71.92 -2.54 -3.81
SITHE____MASSENA 23902	69.47 -1.13 0.00	69.47 -0.92 0.00	69.47 -0.77 0.00	69.54 -0.77 0.00	69.40 -0.92 0.00	60.86 -4.37 -1.04	65.46 -4.75 -1.32	49.28 -3.34 -2.07	49.66 -3.61 -1.75	43.82 -3.26 -1.75	56.55 -4.02 -1.47	50.29 -3.50 -1.56	45.00 -3.72 -1.59	44.71 -3.80 -1.57	46.12 -3.82 -1.56	44.48 -3.66 -1.80	58.73 -4.80 -1.94	75.07 -8.44 -2.35	75.07 -7.48 -2.12	65.61 -5.15 -2.06	69.47 -1.13 0.00	69.48 -1.06 0.00	69.35 -1.13 0.00	69.38 -1.27 0.00
SITHE____OGDNSBRG 24021	70.04 -0.56 0.00	69.96 -0.42 0.00	69.96 -0.28 0.00	70.03 -0.28 0.00	69.89 -0.42 0.00	61.65 -3.79 -1.25	66.49 -4.00 -1.60	50.31 -2.73 -2.51	50.64 -2.99 -2.11	44.68 -2.77 -2.12	57.39 -3.49 -1.77	51.14 -2.98 -1.89	45.71 -3.35 -1.92	45.37 -3.47 -1.90	46.88 -3.39 -1.89	45.37 -3.15 -2.17	59.87 -4.07 -2.34	77.84 -6.17 -2.84	77.44 -5.55 -2.56	66.87 -4.33 -2.48	72.13 -0.28 -1.81	72.00 -0.21 -1.68	71.48 -0.42 -1.43	69.88 -0.78 0.00
SITHE____STERLING 23777	75.98 2.47 -2.91	74.87 2.32 -2.17	75.05 2.25 -2.56	75.10 2.32 -2.46	75.46 2.39 -2.75	70.01 2.05 -3.77	76.16 2.48 -4.79	59.93 1.87 -7.53	59.72 1.85 -6.35	53.27 1.59 -6.36	66.44 2.01 -5.32	59.72 1.83 -5.66	54.55 1.65 -5.76	54.29 1.64 -5.71	55.74 1.69 -5.67	54.53 1.67 -6.52	70.78 2.15 -7.02	92.54 2.84 -8.54	90.94 2.81 -7.70	78.44 2.26 -7.46	78.77 2.83 -5.34	78.19 2.68 -4.98	77.23 2.53 -4.21	77.19 2.47 -4.07
SLEIGHT__34_KV_TB1 80719	75.32 -1.27 -5.99	73.31 -1.55 -4.47	73.77 -1.76 -5.28	73.71 -1.69 -5.08	74.36 -1.62 -5.67	70.82 -1.03 -7.66	77.60 -1.03 -9.74	64.98 -0.86 -15.30	63.40 -1.03 -12.92	57.35 -0.91 -12.92	68.74 -1.18 -10.81	62.70 -1.04 -11.51	57.91 -0.94 -11.72	57.66 -0.89 -11.61	58.90 -1.02 -11.54	58.59 -1.02 -13.26	74.58 -1.29 -14.28	96.85 -1.70 -17.39	94.63 -1.69 -15.90	82.68 -1.58 -15.55	80.08 -1.84 -11.31	78.83 -1.97 -10.28	77.35 -1.83 -8.70	77.69 -1.34 -8.38
SOUTH CAIRO____GT 23612	131.15 4.73 -55.82	116.75 4.72 -41.65	123.94 4.50 -49.21	122.17 4.57 -47.28	127.72 4.64 -52.76	138.88 3.47 -71.23	163.44 4.00 -90.55	180.02 2.73 -126.76	163.44 2.63 -109.30	158.25 1.95 -110.98	152.22 2.31 -90.81	151.44 1.83 -97.38	148.61 1.51 -99.96	147.72 1.50 -99.28	148.31 1.64 -98.29	159.41 1.76 -111.30	187.56 2.96 -123.01	246.89 4.38 -161.35	230.49 4.66 -145.40	213.32 3.71 -140.90	177.62 4.52 -102.50	170.09 4.02 -95.54	155.60 4.23 -80.89	153.34 4.66 -78.03
SOUTH HAMPTN____IC 23720	125.37 9.25 -45.52	112.94 8.58 -33.97	118.31 7.93 -40.14	116.68 7.80 -38.56	120.95 7.60 -43.03	129.34 7.06 -58.10	149.91 7.16 -73.85	171.78 5.21 -116.03	155.07 5.62 -97.94	148.62 5.30 -97.99	148.20 7.09 -82.00	148.99 6.21 -90.55	146.21 5.70 -93.37	146.15 5.68 -93.54	148.96 5.95 -94.63	155.40 5.75 -103.31	201.68 7.95 -132.13	251.87 10.63 -160.08	220.41 10.13 -129.85	216.86 9.14 -139.02	194.87 10.23 -114.04	181.99 10.09 -101.37	146.40 9.94 -65.99	144.06 9.75 -63.65
SOUTHDOW_115KV_TB1 355954	75.97 -3.39 -8.76	73.05 -3.87 -6.54	73.68 -4.28 -7.72	73.38 -4.36 -7.42	74.38 -4.22 -8.28	72.56 -2.82 -11.19	79.47 -3.65 -14.23	69.86 -3.03 -22.35	66.83 -3.55 -18.87	60.94 -3.26 -18.88	70.64 -4.26 -15.79	65.18 -3.87 -16.82	60.91 -3.35 -17.11	60.66 -3.24 -16.97	61.74 -3.48 -16.85	62.37 -3.34 -19.36	77.90 -4.56 -20.86	100.44 -5.84 -25.12	94.98 -5.95 -20.51	81.88 -5.29 -18.46	78.31 -5.72 -13.43	79.62 -5.92 -15.01	77.76 -5.43 -12.71	78.88 -4.03 -12.25
SOUTHOLD_69_KV_BK 2 55809	125.52 9.39 -45.52	113.09 8.73 -33.97	118.38 8.01 -40.14	116.76 7.88 -38.56	121.01 7.66 -43.03	129.47 7.19 -58.10	150.32 7.58 -73.85	170.87 4.30 -116.03	154.14 4.69 -97.94	147.71 4.40 -97.99	148.38 7.27 -82.00	149.15 6.37 -90.55	146.31 5.80 -93.37	146.16 5.68 -93.54	149.05 6.05 -94.63	155.59 5.93 -103.31	202.05 8.32 -132.13	250.57 9.33 -160.08	219.04 8.77 -129.85	217.21 9.48 -139.02	195.09 10.45 -114.04	181.92 10.02 -101.38	146.55 10.08 -65.99	144.20 9.89 -63.65
SOUTHOLD____IC 23719	125.52 9.39 -45.52	113.08 8.73 -33.97	118.38 8.00 -40.14	116.75 7.87 -38.56	121.02 7.67 -43.03	129.47 7.19 -58.10	150.19 7.44 -73.85	170.86 4.29 -116.03	154.04 4.58 -97.94	147.76 4.44 -97.99	148.32 7.21 -82.00	149.10 6.32 -90.55	146.31 5.80 -93.37	146.20 5.72 -93.54	149.05 6.05 -94.63	155.59 5.93 -103.31	201.99 8.26 -132.13	250.57 9.33 -160.08	219.04 8.77 -129.85	217.21 9.49 -139.02	195.16 10.52 -114.04	182.12 10.22 -101.37	146.47 10.00 -65.99	144.20 9.89 -63.65
SOUTH_FORK_WT_PWR 323839	124.81 8.68 -45.52	112.38 8.02 -33.97	117.68 7.30 -40.14	116.06 7.18 -38.56	120.31 6.96 -43.03	128.83 6.55 -58.10	149.50 6.76 -73.85	170.92 4.35 -116.03	154.09 4.64 -97.94	147.76 4.44 -97.99	147.73 6.62 -82.00	148.63 5.85 -90.55	145.83 5.32 -93.37	145.73 5.26 -93.54	148.57 5.56 -94.63	155.12 5.47 -103.31	201.37 7.64 -132.13	250.49 9.25 -160.08	218.88 8.61 -129.85	216.45 8.73 -139.02	194.38 9.75 -114.04	181.42 9.52 -101.37	145.69 9.23 -65.99	143.49 9.18 -63.65
SPIERFLS_115KV_TB 1 80737	138.01 5.86 -61.55	122.02 5.70 -45.93	130.12 5.62 -54.26	128.01 5.55 -52.14	134.19 5.70 -58.18	147.67 4.94 -78.55	174.25 5.51 -99.85	230.70 2.98 -177.18	201.22 3.19 -146.51	192.28 2.49 -144.46	185.84 3.19 -123.54	185.70 2.82 -130.65	181.43 2.45 -131.84	179.85 2.49 -130.43	180.89 2.56 -129.95	200.51 2.55 -151.62	224.33 3.51 -159.22	264.09 4.71 -178.22	245.75 4.66 -160.66	228.01 3.57 -155.73	188.16 4.45 -113.11	181.95 6.07 -105.35	165.46 5.78 -89.20	162.21 5.51 -86.04
ST LAWRENCE____ 23600	69.11 -1.49 0.00	69.12 -1.26 0.00	69.11 -1.13 0.00	69.12 -1.20 0.00	69.12 -1.20 0.00	59.44 -4.75 0.00	63.65 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.37 -3.86 0.00	43.13 -4.01 0.00	42.85 -4.08 0.00	44.26 -4.11 0.00	42.36 -3.99 0.00	56.36 -5.24 0.00	72.32 -8.84 0.00	72.55 -7.88 0.00	63.08 -5.63 0.00	69.11 -1.49 0.00	69.12 -1.41 0.00	68.99 -1.48 0.00	69.10 -1.55 0.00
STATE_CA_115KV_115_LB 55624	133.42 2.68 -60.13	117.86 2.60 -44.87	125.78 2.53 -53.02	123.79 2.53 -50.94	129.69 2.53 -56.84	142.21 1.28 -76.74	167.68 1.24 -97.55	170.23 0.91 -118.78	157.94 1.03 -105.40	155.21 0.82 -109.06	146.94 1.12 -86.71	147.13 1.04 -93.85	145.50 0.94 -97.42	144.93 0.99 -97.01	144.98 0.97 -95.63	153.51 0.93 -106.23	184.14 1.17 -121.37	256.56 1.62 -173.77	238.69 1.61 -156.65	221.79 1.24 -151.84	183.15 2.05 -110.51	175.43 1.97 -102.93	159.67 2.04 -87.15	157.26 2.54 -84.06

STATE_ST_34_KV_LOAD 55959	77.82 0.56 -6.65	75.63 0.28 -4.96	76.24 0.14 -5.86	76.16 0.21 -5.63	76.81 0.21 -6.29	73.20 0.51 -8.50	80.46 0.76 -10.81	68.18 0.66 -16.98	66.46 0.62 -14.33	60.21 0.54 -14.34	71.75 0.65 -12.00	65.53 0.52 -12.78	60.66 0.52 -13.00	60.39 0.56 -12.89	61.66 0.48 -12.80	61.47 0.42 -14.71	78.06 0.62 -15.84	101.24 0.81 -19.27	98.60 0.80 -17.37	86.17 0.62 -16.84	83.55 0.71 -12.24	82.36 0.42 -11.40	80.49 0.35 -9.66	80.44 0.49 -9.30
STATION 5_MISC_HYD 23604	74.66 -1.98 -6.03	72.57 -2.32 -4.50	73.03 -2.53 -5.32	72.90 -2.53 -5.11	73.63 -2.39 -5.70	70.17 -1.73 -7.71	76.56 -2.14 -9.80	64.17 -1.77 -15.40	62.45 -2.06 -13.00	56.47 -1.86 -13.00	67.62 -2.37 -10.88	61.73 -2.09 -11.58	56.99 -1.93 -11.79	56.75 -1.88 -11.69	57.91 -2.08 -11.61	57.74 -1.94 -13.34	73.32 -2.65 -14.37	95.34 -3.33 -17.50	93.16 -3.30 -16.04	81.27 -3.16 -15.72	78.62 -3.39 -11.41	77.47 -3.38 -10.32	76.12 -3.10 -8.74	76.82 -2.26 -8.43
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	75.91 -0.85 -6.16	73.85 -1.13 -4.59	74.33 -1.33 -5.43	74.20 -1.34 -5.22	74.94 -1.20 -5.82	71.42 -0.64 -7.87	78.21 -0.69 -10.01	65.65 -0.61 -15.72	63.96 -0.82 -13.27	57.83 -0.77 -13.27	69.27 -0.95 -11.11	63.17 -0.89 -11.83	58.37 -0.80 -12.04	58.12 -0.75 -11.93	59.31 -0.92 -11.85	59.13 -0.83 -13.62	75.16 -1.11 -14.67	97.56 -1.46 -17.85	95.22 -1.45 -16.25	83.25 -1.31 -15.85	80.57 -1.55 -11.52	79.40 -1.69 -10.56	77.87 -1.55 -8.94	78.27 -0.99 -8.61
STA_56_34_KV_BUS2_REV_LBMP_B 345033	74.26 -2.33 -5.99	72.32 -2.53 -4.47	72.71 -2.81 -5.28	72.65 -2.74 -5.08	73.31 -2.67 -5.66	69.86 -1.99 -7.66	76.29 -2.34 -9.74	63.91 -1.92 -15.30	62.26 -2.16 -12.91	56.30 -1.95 -12.92	67.43 -2.48 -10.81	61.49 -2.25 -11.51	56.82 -2.03 -11.71	56.62 -1.92 -11.61	57.73 -2.18 -11.53	57.56 -2.04 -13.25	73.16 -2.71 -14.27	94.98 -3.57 -17.38	92.79 -3.54 -15.90	81.12 -3.16 -15.57	78.39 -3.53 -11.32	77.28 -3.53 -10.27	75.93 -3.24 -8.70	76.49 -2.54 -8.38
STA_56___34_KV_BUS2 355983	74.26 -2.33 -5.99	72.32 -2.53 -4.47	72.71 -2.81 -5.28	72.65 -2.74 -5.08	73.31 -2.67 -5.66	69.86 -1.99 -7.66	76.29 -2.34 -9.74	63.91 -1.92 -15.30	62.26 -2.16 -12.91	56.30 -1.95 -12.92	67.43 -2.48 -10.81	61.49 -2.25 -11.51	56.82 -2.03 -11.71	56.62 -1.92 -11.61	57.73 -2.18 -11.53	57.56 -2.04 -13.25	73.16 -2.71 -14.27	94.98 -3.57 -17.38	92.79 -3.54 -15.90	81.12 -3.16 -15.57	78.39 -3.53 -11.32	77.28 -3.53 -10.27	75.93 -3.24 -8.70	76.49 -2.54 -8.38
STA_67___115KV_BK2 355882	74.44 -2.19 -6.03	72.42 -2.46 -4.50	72.88 -2.67 -5.31	72.75 -2.67 -5.10	73.48 -2.53 -5.70	70.03 -1.86 -7.70	76.41 -2.27 -9.79	64.00 -1.92 -15.38	62.28 -2.22 -12.98	56.32 -1.99 -12.99	67.43 -2.54 -10.87	61.51 -2.30 -11.57	56.84 -2.07 -11.78	56.64 -1.97 -11.67	57.79 -2.18 -11.59	57.59 -2.09 -13.32	73.18 -2.77 -14.35	94.99 -3.65 -17.48	92.84 -3.62 -16.03	81.20 -3.23 -15.72	78.43 -3.60 -11.43	77.26 -3.60 -10.33	75.98 -3.24 -8.75	76.67 -2.40 -8.42
STA_7___115KV_9TRANS 80674	74.94 -1.69 -6.03	72.92 -1.97 -4.50	73.31 -2.25 -5.32	73.18 -2.25 -5.11	73.91 -2.11 -5.70	70.49 -1.41 -7.71	76.90 -1.79 -9.80	64.42 -1.52 -15.40	62.71 -1.80 -13.00	56.70 -1.63 -13.00	67.92 -2.07 -10.88	61.94 -1.88 -11.59	57.28 -1.65 -11.79	57.08 -1.55 -11.69	58.19 -1.79 -11.61	58.02 -1.67 -13.34	73.75 -2.22 -14.37	95.83 -2.84 -17.50	93.65 -2.81 -16.04	81.89 -2.54 -15.72	79.07 -2.97 -11.43	77.91 -2.96 -10.34	76.49 -2.75 -8.76	77.18 -1.91 -8.43
STA_82___115KV_TB1 80780	74.48 -2.19 -6.07	72.52 -2.39 -4.53	72.92 -2.67 -5.35	72.85 -2.60 -5.14	73.52 -2.53 -5.73	70.08 -1.86 -7.75	76.47 -2.27 -9.85	64.10 -1.92 -15.48	62.37 -2.22 -13.07	56.45 -1.95 -13.07	67.50 -2.54 -10.94	61.58 -2.30 -11.65	56.96 -2.03 -11.85	56.76 -1.92 -11.75	57.87 -2.18 -11.67	57.72 -2.04 -13.41	73.33 -2.71 -14.45	95.18 -3.57 -17.59	92.96 -3.54 -16.07	81.26 -3.16 -15.71	78.43 -3.60 -11.43	77.40 -3.53 -10.40	76.11 -3.17 -8.80	76.73 -2.40 -8.48
STEEL___WIND 323596	73.94 -4.80 -8.14	71.18 -5.28 -6.07	71.86 -5.55 -7.18	71.65 -5.56 -6.89	72.52 -5.48 -7.69	70.41 -4.17 -10.40	76.66 -5.44 -13.22	66.75 -4.55 -20.76	64.04 -5.00 -17.53	58.33 -4.53 -17.54	67.87 -5.91 -14.67	62.58 -5.27 -15.62	58.32 -4.71 -15.90	58.10 -4.60 -15.76	59.14 -4.88 -15.65	59.70 -4.63 -17.99	74.51 -6.47 -19.37	96.27 -8.19 -23.30	90.83 -8.28 -18.69	77.94 -7.35 -16.58	74.95 -7.69 -12.04	76.84 -7.62 -13.93	75.29 -6.98 -11.79	76.59 -5.44 -11.38
STEPHTWN_115KV_BK_2 55603	133.20 3.32 -59.29	117.86 3.24 -44.24	125.67 3.16 -52.27	123.70 3.16 -50.22	129.52 3.16 -56.04	141.77 1.93 -75.65	167.13 2.07 -96.18	178.07 1.47 -126.07	163.25 1.60 -110.14	159.46 1.31 -112.82	151.92 1.71 -91.09	151.90 1.57 -98.10	149.68 1.32 -101.22	148.96 1.36 -100.66	149.23 1.40 -99.45	159.32 1.34 -111.63	188.73 1.85 -125.28	255.03 2.52 -171.35	237.47 2.57 -154.47	220.43 1.99 -149.73	182.30 2.75 -108.95	174.68 2.68 -101.47	159.08 2.68 -85.92	156.78 3.25 -82.88
STEUBEN_REC_LFGE 323667	78.40 -3.04 -10.84	75.09 -3.38 -8.09	75.93 -3.86 -9.55	75.56 -3.94 -9.18	76.55 -4.01 -10.24	75.20 -2.82 -13.84	83.25 -3.24 -17.60	75.60 -2.58 -27.64	71.86 -2.99 -23.33	65.86 -2.81 -23.34	74.79 -3.84 -19.53	69.42 -3.60 -20.80	65.14 -3.16 -21.16	64.86 -3.05 -20.98	66.02 -3.19 -20.83	67.33 -2.97 -23.94	83.57 -3.82 -25.79	107.38 -5.03 -31.25	102.57 -4.99 -27.13	90.07 -4.26 -25.62	84.78 -4.45 -18.63	84.44 -4.66 -18.56	81.83 -4.37 -15.72	82.20 -3.60 -15.15
STILLWATER___SOLAR 323814	136.78 4.94 -61.23	120.93 4.85 -45.69	129.00 4.78 -53.99	126.90 4.71 -51.87	132.98 4.78 -57.88	146.31 3.98 -78.14	172.57 4.34 -99.34	240.11 2.93 -186.64	207.58 3.09 -152.97	197.62 2.45 -149.85	191.69 3.19 -129.39	191.49 2.82 -136.44	186.75 2.45 -137.16	184.99 2.49 -135.57	186.26 2.61 -135.27	207.79 2.59 -158.85	230.04 3.51 -164.94	263.16 4.62 -177.38	244.83 4.50 -159.91	227.35 3.64 -155.00	187.64 4.52 -112.52	179.85 4.52 -104.80	164.08 4.86 -88.74	160.99 4.73 -85.60
STONY___BROOK 24151	124.81 8.68 -45.52	112.45 8.09 -33.97	117.82 7.44 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.83 6.55 -58.10	149.50 6.76 -73.85	171.67 5.10 -116.03	154.86 5.41 -97.94	148.53 5.21 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.93 5.42 -93.37	145.92 5.44 -93.54	148.62 5.61 -94.63	155.03 5.37 -103.31	200.69 6.96 -132.13	250.97 9.74 -160.08	219.60 9.33 -129.85	215.69 7.97 -139.01	193.75 9.11 -114.04	181.28 9.38 -101.37	145.77 9.30 -65.99	143.48 9.18 -63.65
STURGEON_POOL_HYD 23609	124.15 6.92 -46.63	111.80 6.62 -34.80	117.60 6.25 -41.11	116.07 6.26 -39.50	120.51 6.12 -44.08	129.02 5.33 -59.51	150.53 5.99 -75.65	171.07 4.50 -116.04	154.56 4.69 -98.36	148.25 4.22 -98.70	146.64 5.32 -82.21	144.44 4.54 -87.66	140.56 4.05 -89.37	139.55 3.99 -88.62	140.50 4.16 -87.96	151.12 3.99 -100.78	176.51 5.79 -109.12	224.11 8.12 -134.83	209.94 8.04 -121.48	193.21 6.80 -117.70	164.18 7.98 -85.60	157.61 7.26 -79.81	145.46 7.40 -67.58	143.11 7.28 -65.18
ST_LAW_115_BK7_LBMP 345037	69.05 -1.55 0.00	69.05 -1.34 0.00	69.05 -1.19 0.00	69.05 -1.26 0.00	69.05 -1.26 0.00	59.37 -4.82 0.00	63.59 -5.30 0.00	46.75 -3.79 0.00	47.55 -3.97 0.00	41.70 -3.63 0.00	54.61 -4.49 0.00	48.31 -3.92 0.00	43.04 -4.10 0.00	42.76 -4.18 0.00	44.17 -4.21 0.00	42.32 -4.03 0.00	56.30 -5.30 0.00	72.23 -8.93 0.00	72.38 -8.04 0.00	63.01 -5.70 0.00	68.98 -1.62 0.00	68.98 -1.55 0.00	68.93 -1.55 0.00	68.96 -1.70 0.00

ST_LAW_115_BK8_LBMP 345038	69.05 -1.55 0.00	69.05 -1.34 0.00	69.05 -1.19 0.00	69.05 -1.26 0.00	69.05 -1.26 0.00	59.37 -4.82 0.00	63.59 -5.30 0.00	46.75 -3.79 0.00	47.55 -3.97 0.00	41.70 -3.63 0.00	54.61 -4.49 0.00	48.31 -3.92 0.00	43.04 -4.10 0.00	42.76 -4.18 0.00	44.17 -4.21 0.00	42.32 -4.03 0.00	56.30 -5.30 0.00	72.23 -8.93 0.00	72.38 -8.04 0.00	63.01 -5.70 0.00	68.98 -1.62 0.00	68.98 -1.55 0.00	68.93 -1.55 0.00	68.96 -1.70 0.00
ST_LAW_230_BK5_LBMP 345035	69.11 -1.49 0.00	69.12 -1.26 0.00	69.11 -1.13 0.00	69.12 -1.20 0.00	69.12 -1.20 0.00	59.44 -4.75 0.00	63.65 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.37 -3.86 0.00	43.13 -4.01 0.00	42.85 -4.08 0.00	44.26 -4.11 0.00	42.36 -3.99 0.00	56.36 -5.24 0.00	72.32 -8.84 0.00	72.55 -7.88 0.00	63.08 -5.63 0.00	69.11 -1.49 0.00	69.12 -1.41 0.00	68.99 -1.48 0.00	69.10 -1.55 0.00
ST_LAW_230_BK6_LBMP 345036	69.11 -1.49 0.00	69.12 -1.26 0.00	69.11 -1.13 0.00	69.12 -1.20 0.00	69.12 -1.20 0.00	59.44 -4.75 0.00	63.65 -5.24 0.00	46.85 -3.69 0.00	47.60 -3.92 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.37 -3.86 0.00	43.13 -4.01 0.00	42.85 -4.08 0.00	44.26 -4.11 0.00	42.36 -3.99 0.00	56.36 -5.24 0.00	72.32 -8.84 0.00	72.55 -7.88 0.00	63.08 -5.63 0.00	69.11 -1.49 0.00	69.12 -1.41 0.00	68.99 -1.48 0.00	69.10 -1.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	117.46 4.38 -42.48	106.24 4.15 -31.70	111.62 3.93 -37.45	110.17 3.87 -35.98	114.27 3.80 -40.15	121.48 3.08 -54.21	141.11 3.31 -68.91	161.37 2.58 -108.26	145.62 2.73 -91.37	139.33 2.58 -91.42	138.85 3.25 -76.49	136.55 2.87 -81.45	132.62 2.59 -82.89	131.68 2.58 -82.16	132.64 2.66 -81.60	142.63 2.50 -93.78	166.18 3.57 -101.01	208.95 4.95 -122.84	195.83 4.75 -110.66	179.98 4.05 -107.21	153.65 5.08 -77.96	147.96 4.73 -72.71	136.83 4.79 -61.56	134.77 4.73 -59.38
SWANROAD_115KV_TB1 355699	71.69 -6.42 -7.51	69.24 -6.76 -5.61	69.84 -7.02 -6.62	69.72 -6.96 -6.37	70.53 -6.89 -7.10	68.27 -5.52 -9.60	74.00 -7.10 -12.21	63.80 -5.91 -19.17	61.21 -6.49 -16.18	55.76 -5.76 -16.19	65.15 -7.51 -13.55	59.92 -6.74 -14.43	55.83 -5.99 -14.68	55.72 -5.77 -14.55	56.64 -6.19 -14.45	57.07 -5.89 -16.61	71.48 -8.01 -17.89	92.03 -10.63 -21.50	86.94 -10.62 -17.13	74.69 -9.14 -15.11	71.85 -9.74 -10.99	73.82 -9.59 -12.88	72.64 -8.74 -10.90	74.02 -7.14 -10.50
SYNERGY___BIOGAS 323694	74.65 -2.90 -6.94	72.26 -3.31 -5.18	72.64 -3.72 -6.12	72.54 -3.66 -5.88	73.37 -3.51 -6.56	70.62 -2.44 -8.87	77.00 -3.17 -11.28	65.48 -2.78 -17.72	63.33 -3.14 -14.95	57.35 -2.95 -14.96	67.84 -3.78 -12.52	62.17 -3.39 -13.33	57.59 -3.11 -13.57	57.38 -3.00 -13.45	58.44 -3.29 -13.36	58.64 -3.06 -15.35	73.94 -4.19 -16.53	96.02 -5.11 -19.96	92.02 -5.15 -16.74	79.30 -4.81 -15.40	76.56 -5.22 -11.18	77.20 -5.22 -11.88	75.82 -4.72 -10.06	76.90 -3.46 -9.71
SYRACUSE___ENERGY_ST1 323597	76.05 0.07 -5.38	74.26 -0.14 -4.02	74.70 -0.28 -4.75	74.67 -0.21 -4.56	75.26 -0.14 -5.09	71.01 -0.06 -6.89	77.79 0.14 -8.76	64.40 0.10 -13.76	63.18 0.05 -11.61	56.99 0.05 -11.62	68.89 0.06 -9.72	62.63 0.05 -10.35	57.72 0.05 -10.53	57.47 0.09 -10.44	58.79 0.05 -10.37	58.31 0.05 -11.92	74.50 0.06 -12.84	96.86 0.08 -15.61	94.58 0.08 -14.07	82.35 0.00 -13.64	80.66 0.14 -9.92	79.70 -0.07 -9.24	78.30 0.00 -7.82	78.25 0.07 -7.52
SYRACUSE___ENERGY_ST2 323598	76.05 0.07 -5.38	74.26 -0.14 -4.02	74.70 -0.28 -4.75	74.67 -0.21 -4.56	75.26 -0.14 -5.09	71.01 -0.06 -6.89	77.79 0.14 -8.76	64.40 0.10 -13.76	63.18 0.05 -11.61	56.99 0.05 -11.62	68.89 0.06 -9.72	62.63 0.05 -10.35	57.72 0.05 -10.53	57.47 0.09 -10.44	58.79 0.05 -10.37	58.31 0.05 -11.92	74.50 0.06 -12.84	96.86 0.08 -15.61	94.58 0.08 -14.07	82.35 0.00 -13.64	80.66 0.14 -9.92	79.70 -0.07 -9.24	78.30 0.00 -7.82	78.25 0.07 -7.52
SYRACUSE___POWER 24017	75.86 -0.21 -5.47	74.05 -0.42 -4.09	74.50 -0.56 -4.83	74.46 -0.49 -4.64	75.00 -0.49 -5.18	70.87 -0.32 -7.01	77.59 -0.21 -8.91	64.43 -0.10 -13.99	63.12 -0.21 -11.81	57.01 -0.14 -11.82	68.76 -0.24 -9.89	62.55 -0.21 -10.53	57.71 -0.14 -10.71	57.42 -0.14 -10.62	58.78 -0.15 -10.55	58.33 -0.14 -12.12	74.47 -0.18 -13.06	96.80 -0.24 -15.88	94.50 -0.24 -14.32	82.31 -0.27 -13.88	80.55 -0.14 -10.09	79.65 -0.28 -9.40	78.15 -0.28 -7.96	78.10 -0.21 -7.65
TALLMAN___138KV_BK151 55660	118.95 4.73 -43.62	107.37 4.43 -32.55	112.84 4.14 -38.46	111.35 4.08 -36.95	115.56 4.01 -41.23	123.06 3.21 -55.67	143.17 3.51 -70.76	164.44 2.73 -111.17	148.28 2.94 -93.83	142.02 2.81 -93.88	141.20 3.55 -78.54	139.00 3.13 -83.64	135.13 2.88 -85.12	134.13 2.82 -84.37	135.07 2.90 -83.79	145.38 2.73 -96.30	169.21 3.88 -103.73	212.66 5.36 -126.14	199.21 5.15 -113.64	183.21 4.40 -110.10	156.10 5.44 -80.07	150.27 5.08 -74.66	138.84 5.14 -63.22	136.72 5.09 -60.98
TEALLAVE_115KV_TB7 355573	74.44 -0.71 -4.55	72.94 -0.84 -3.39	73.34 -0.91 -4.01	73.26 -0.91 -3.85	73.70 -0.91 -4.30	69.31 -0.71 -5.83	75.68 -0.62 -7.41	61.77 -0.40 -11.64	60.88 -0.46 -9.83	54.75 -0.41 -9.83	66.80 -0.53 -8.22	60.52 -0.47 -8.76	55.63 -0.42 -8.91	55.40 -0.38 -8.83	56.72 -0.44 -8.77	56.01 -0.42 -10.08	71.84 -0.62 -10.86	93.64 -0.73 -13.21	91.53 -0.80 -11.91	79.50 -0.76 -11.54	78.36 -0.64 -8.39	77.57 -0.78 -7.82	76.32 -0.78 -6.62	76.38 -0.64 -6.36
TELGRAPH_34_KV_EAST 80808	73.31 -4.45 -7.15	70.94 -4.79 -5.34	71.42 -5.13 -6.31	71.24 -5.13 -6.06	72.09 -4.99 -6.76	69.54 -3.79 -9.14	75.62 -4.89 -11.62	64.65 -4.14 -18.26	62.29 -4.64 -15.41	56.58 -4.17 -15.42	66.63 -5.38 -12.90	61.11 -4.86 -13.74	56.83 -4.29 -13.98	56.62 -4.18 -13.86	57.64 -4.50 -13.76	57.90 -4.26 -15.82	72.91 -5.73 -17.04	94.15 -7.55 -20.54	89.77 -7.56 -16.91	77.44 -6.60 -15.33	74.55 -7.20 -11.15	75.67 -7.12 -12.26	74.38 -6.48 -10.38	75.64 -5.02 -10.00
TEMPLE___115KV_TB 2 55572	74.58 -0.64 -4.62	73.06 -0.77 -3.45	73.40 -0.91 -4.07	73.38 -0.84 -3.91	73.84 -0.84 -4.37	69.46 -0.64 -5.92	75.86 -0.55 -7.52	61.95 -0.40 -11.82	61.03 -0.46 -9.97	54.95 -0.36 -9.98	66.98 -0.47 -8.35	60.70 -0.42 -8.89	55.81 -0.38 -9.05	55.58 -0.33 -8.97	56.90 -0.39 -8.91	56.21 -0.37 -10.24	72.07 -0.55 -11.03	93.92 -0.65 -13.41	91.79 -0.72 -12.09	79.74 -0.69 -11.72	78.56 -0.56 -8.52	77.76 -0.71 -7.94	76.49 -0.70 -6.72	76.55 -0.57 -6.46
TIANA____69_KV_BK 1 55817	125.37 9.25 -45.52	112.94 8.59 -33.97	118.31 7.94 -40.14	116.69 7.81 -38.56	120.94 7.59 -43.03	129.34 7.06 -58.10	150.05 7.30 -73.85	171.78 5.21 -116.03	155.17 5.72 -97.94	148.62 5.30 -97.99	148.26 7.15 -82.00	149.05 6.27 -90.55	146.21 5.70 -93.37	146.11 5.63 -93.54	148.91 5.90 -94.63	155.40 5.75 -103.31	201.74 8.01 -132.13	251.87 10.63 -160.08	220.57 10.29 -129.85	216.86 9.14 -139.02	194.88 10.24 -114.04	181.71 9.80 -101.38	146.48 10.01 -65.99	144.05 9.75 -63.65
TILDEN___115KV_TB1 80814	75.86 -0.21 -5.47	74.05 -0.42 -4.09	74.50 -0.56 -4.83	74.46 -0.49 -4.64	75.00 -0.49 -5.18	70.87 -0.32 -7.01	77.59 -0.21 -8.91	64.43 -0.10 -13.99	63.12 -0.21 -11.81	57.01 -0.14 -11.82	68.76 -0.24 -9.89	62.55 -0.21 -10.53	57.71 -0.14 -10.71	57.42 -0.14 -10.62	58.78 -0.15 -10.55	58.33 -0.14 -12.12	74.47 -0.18 -13.06	96.80 -0.24 -15.88	94.50 -0.24 -14.32	82.31 -0.27 -13.88	80.55 -0.14 -10.09	79.65 -0.28 -9.40	78.15 -0.28 -7.96	78.10 -0.21 -7.65

TRIGEN___CC 323695	122.69 6.57 -45.52	110.48 6.12 -33.97	116.07 5.69 -40.14	114.44 5.55 -38.56	118.69 5.34 -43.03	126.90 4.62 -58.10	147.64 4.89 -73.85	170.20 3.64 -116.02	153.41 3.97 -97.93	147.12 3.81 -97.98	146.01 4.91 -81.99	147.16 4.39 -90.54	144.51 4.01 -93.36	144.46 3.99 -93.53	147.11 4.11 -94.62	153.54 3.89 -103.30	199.02 5.30 -132.12	248.37 7.14 -160.06	217.18 6.92 -129.84	213.62 5.91 -139.01	191.77 7.13 -114.03	178.67 6.77 -101.37	143.51 7.05 -65.98	141.22 6.92 -63.64
TRINITY___115KV___4 BK 55933	132.72 2.54 -59.57	117.38 2.53 -44.46	125.22 2.46 -52.52	123.24 2.46 -50.47	129.09 2.46 -56.31	141.37 1.16 -76.02	166.71 1.17 -96.64	170.50 0.76 -119.20	157.86 0.88 -105.47	155.00 0.73 -108.95	146.91 0.95 -86.86	147.04 0.89 -93.92	145.33 0.80 -97.39	144.74 0.84 -96.96	144.87 0.87 -95.62	153.55 0.79 -106.41	183.78 0.99 -121.19	254.69 1.38 -172.15	236.99 1.37 -155.19	220.24 1.10 -150.43	181.98 1.91 -109.48	174.40 1.90 -101.97	158.79 1.97 -86.34	156.34 2.40 -83.28
UNION___PROCESSING_DRP 323587	74.56 -2.12 -6.07	72.52 -2.39 -4.53	72.92 -2.67 -5.35	72.86 -2.60 -5.14	73.53 -2.53 -5.74	70.15 -1.80 -7.76	76.55 -2.20 -9.87	64.17 -1.87 -15.50	62.43 -2.16 -13.08	56.47 -1.95 -13.09	67.58 -2.48 -10.95	61.60 -2.30 -11.66	56.98 -2.03 -11.87	56.78 -1.92 -11.77	57.88 -2.18 -11.68	57.74 -2.04 -13.43	73.35 -2.71 -14.46	95.20 -3.57 -17.61	92.95 -3.54 -16.07	81.24 -3.16 -15.70	78.48 -3.53 -11.41	77.42 -3.53 -10.41	76.12 -3.17 -8.82	76.74 -2.40 -8.49
UPPER HUDSON___HYD 24058	138.08 5.93 -61.55	122.01 5.70 -45.93	130.13 5.62 -54.26	128.01 5.55 -52.14	134.19 5.69 -58.18	147.67 4.94 -78.55	174.25 5.51 -99.85	230.70 2.98 -177.18	201.28 3.25 -146.51	192.28 2.49 -144.46	185.83 3.19 -123.54	185.70 2.82 -130.65	181.43 2.45 -131.84	179.85 2.49 -130.43	180.89 2.56 -129.95	200.51 2.55 -151.62	224.32 3.51 -159.22	264.08 4.71 -178.22	245.75 4.66 -160.66	228.01 3.57 -155.73	188.08 4.38 -113.10	180.18 4.30 -105.34	165.38 5.71 -89.20	162.28 5.58 -86.04
UPPER RAQUET___HYD 24056	67.85 -2.75 0.00	67.85 -2.53 0.00	67.85 -2.39 0.00	67.85 -2.46 0.00	67.79 -2.53 0.00	60.12 -5.46 -1.39	64.80 -5.86 -1.77	49.23 -4.09 -2.78	49.53 -4.33 -2.35	43.73 -3.94 -2.35	56.11 -4.96 -1.96	50.04 -4.28 -2.09	44.83 -4.43 -2.13	44.54 -4.51 -2.11	45.92 -4.55 -2.10	44.45 -4.31 -2.41	58.53 -5.67 -2.59	74.82 -9.50 -3.15	74.74 -8.53 -2.84	65.35 -6.12 -2.76	68.13 -2.47 0.00	68.06 -2.47 0.00	67.80 -2.68 0.00	67.69 -2.96 0.00
VALLEY44_115KV_TB2 355964	73.73 -6.00 -9.13	70.79 -6.41 -6.81	71.69 -6.60 -8.05	71.44 -6.61 -7.74	72.34 -6.61 -8.63	70.52 -5.33 -11.66	77.38 -6.34 -14.83	68.73 -5.10 -23.29	65.61 -5.56 -19.66	60.06 -4.94 -19.67	69.06 -6.50 -16.46	63.96 -5.80 -17.52	59.88 -5.09 -17.84	59.64 -4.98 -17.68	60.71 -5.22 -17.56	61.57 -4.96 -20.18	76.62 -6.71 -21.74	98.52 -8.85 -26.20	93.16 -8.85 -21.58	80.58 -7.70 -19.56	76.92 -7.91 -14.23	77.99 -8.18 -15.64	76.04 -7.68 -13.25	76.99 -6.43 -12.76
VALLEY___115KV_TB 1-4 80826	72.08 1.48 0.00	71.72 1.34 0.00	71.50 1.26 0.00	71.58 1.27 0.00	71.58 1.27 0.00	64.96 0.77 0.00	69.72 0.83 0.00	51.09 0.56 0.00	52.08 0.57 0.00	45.78 0.45 0.00	59.76 0.65 0.00	52.81 0.57 0.00	47.66 0.52 0.00	47.41 0.47 0.00	48.86 0.48 0.00	46.81 0.46 0.00	62.28 0.68 0.00	82.06 0.89 0.00	81.31 0.88 0.00	69.47 0.76 0.00	71.87 1.27 0.00	71.87 1.34 0.00	71.89 1.41 0.00	72.07 1.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	96.60 5.22 -20.78	90.82 4.93 -15.51	93.62 5.06 -18.32	93.05 5.13 -17.60	95.09 5.13 -19.64	94.95 4.24 -26.52	107.36 4.75 -33.72	107.09 3.59 -52.97	99.93 3.71 -44.71	93.32 3.26 -44.73	100.73 4.20 -37.42	95.74 3.66 -39.85	90.99 3.30 -40.56	90.33 3.19 -40.20	91.49 3.19 -39.93	95.39 3.15 -45.89	115.27 4.25 -49.43	146.93 5.68 -60.08	140.15 5.79 -53.93	125.71 4.88 -52.12	114.15 5.65 -37.90	111.54 5.43 -35.57	106.03 5.43 -30.12	105.00 5.30 -29.05
VISCHER___FERRY HYD 24020	134.88 3.95 -60.33	119.41 4.01 -45.02	127.36 3.93 -53.18	125.21 3.79 -51.10	131.20 3.86 -57.02	144.06 2.89 -76.98	169.86 3.10 -97.86	269.79 2.28 -216.97	227.59 2.37 -173.70	214.45 1.95 -167.17	209.83 2.54 -148.18	209.53 2.30 -155.01	203.42 2.03 -154.26	201.05 2.02 -152.10	202.86 2.13 -152.35	230.49 2.09 -182.05	247.60 2.65 -183.35	259.65 3.49 -175.00	241.56 3.38 -157.76	224.45 2.82 -152.92	185.26 3.81 -110.85	177.65 3.88 -103.25	161.85 3.94 -87.42	158.80 3.81 -84.33
V_A_10_SYNC_DSASP 323832	73.23 -4.10 -6.73	71.04 -4.36 -5.02	71.53 -4.64 -5.93	71.44 -4.57 -5.70	72.17 -4.50 -6.36	69.31 -3.47 -8.59	75.34 -4.48 -10.93	63.86 -3.84 -17.16	61.78 -4.22 -14.49	56.01 -3.81 -14.49	66.33 -4.91 -12.13	60.70 -4.44 -12.91	56.32 -3.96 -13.14	56.07 -3.90 -13.03	57.20 -4.11 -12.94	57.28 -3.94 -14.87	72.13 -5.48 -16.01	93.73 -7.06 -19.62	92.35 -7.08 -19.00	81.60 -6.39 -19.28	77.96 -6.64 -14.00	75.55 -6.49 -11.51	74.37 -5.85 -9.75	75.53 -4.52 -9.40
V_CMM_10_SYNC_DSASP 323787	69.40 -1.20 0.00	69.47 -0.92 0.00	69.40 -0.84 0.00	69.48 -0.84 0.00	69.40 -0.92 0.00	59.69 -4.49 0.00	63.93 -4.96 0.00	47.00 -3.54 0.00	47.76 -3.76 0.00	41.88 -3.45 0.00	54.85 -4.26 0.00	48.57 -3.66 0.00	43.23 -3.91 0.00	42.95 -3.99 0.00	44.41 -3.97 0.00	42.50 -3.85 0.00	56.55 -5.05 0.00	72.56 -8.61 0.00	72.70 -7.72 0.00	63.35 -5.36 0.00	69.40 -1.20 0.00	69.40 -1.13 0.00	69.28 -1.20 0.00	69.31 -1.34 0.00
V_CMP_10_SYNC_DSASP 323788	70.03 -0.57 0.00	69.82 -0.57 0.00	69.68 -0.56 0.00	69.75 -0.56 0.00	69.61 -0.70 0.00	59.95 -4.24 0.00	63.72 -5.17 0.00	46.90 -3.64 0.00	47.65 -3.86 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.42 -3.81 0.00	42.99 -4.15 0.00	42.71 -4.22 0.00	44.12 -4.26 0.00	42.27 -4.08 0.00	56.24 -5.36 0.00	71.83 -9.33 0.00	72.22 -8.20 0.00	63.01 -5.70 0.00	68.98 -1.62 0.00	68.91 -1.62 0.00	68.79 -1.69 0.00	69.38 -1.27 0.00
V_D_10_SYNC_DSASP 323841	69.54 -1.06 0.00	69.54 -0.84 0.00	69.47 -0.77 0.00	69.54 -0.77 0.00	69.40 -0.92 0.00	60.85 -4.37 -1.03	65.45 -4.75 -1.31	49.26 -3.34 -2.06	49.70 -3.55 -1.74	43.81 -3.26 -1.74	56.54 -4.02 -1.46	50.29 -3.50 -1.55	44.99 -3.72 -1.58	44.70 -3.80 -1.57	46.11 -3.82 -1.56	44.47 -3.66 -1.79	58.72 -4.80 -1.93	75.06 -8.44 -2.34	75.06 -7.48 -2.11	65.60 -5.15 -2.05	69.47 -1.13 0.00	69.48 -1.06 0.00	69.35 -1.13 0.00	69.38 -1.27 0.00
V_E_10_SYNC_DSASP 323830	92.43 6.78 -15.05	87.81 6.20 -11.23	89.69 6.18 -13.27	89.18 6.11 -12.75	90.66 6.11 -14.23	89.12 5.71 -19.22	100.00 6.68 -24.43	93.82 4.90 -38.38	88.75 4.84 -32.40	81.77 4.03 -32.41	91.31 5.08 -27.12	85.55 4.44 -28.88	80.58 4.05 -29.39	79.96 3.89 -29.13	81.28 3.97 -28.93	83.68 4.08 -33.25	103.02 5.60 -35.82	132.65 7.96 -43.52	127.41 8.04 -38.94	112.86 6.60 -37.55	105.16 7.27 -27.29	103.28 6.98 -25.76	98.91 6.62 -21.81	98.12 6.43 -21.04
V_F_30_NSYNC___DSASP 323816	136.99 5.01 -61.38	121.11 4.93 -45.80	129.19 4.84 -54.11	127.09 4.78 -51.99	133.18 4.85 -58.02	146.56 4.05 -78.32	172.87 4.41 -99.57	235.92 2.98 -182.40	204.74 3.14 -150.08	195.30 2.54 -147.44	189.13 3.25 -126.77	188.95 2.87 -133.85	184.46 2.54 -134.78	182.74 2.53 -133.27	183.92 2.66 -132.89	204.60 2.64 -155.61	227.54 3.57 -162.37	263.62 4.71 -177.75	245.33 4.66 -160.25	227.81 3.78 -155.32	187.97 4.59 -112.78	180.16 4.58 -105.04	164.36 4.93 -88.95	161.26 4.81 -85.80

V_F_30_SYNC_DSASP 323786	133.37 2.68 -60.09	117.83 2.60 -44.84	125.74 2.53 -52.98	123.75 2.53 -50.90	129.65 2.53 -56.80	142.15 1.28 -76.68	167.68 1.31 -97.48	170.10 0.91 -118.66	157.83 1.03 -105.29	155.10 0.82 -108.96	146.85 1.12 -86.62	147.03 1.04 -93.76	145.40 0.94 -97.32	144.84 0.99 -96.91	144.88 0.97 -95.54	153.40 0.93 -106.12	184.02 1.17 -121.26	256.42 1.62 -173.64	238.57 1.61 -156.53	221.67 1.24 -151.73	183.07 2.05 -110.42	175.35 1.97 -102.85	159.61 2.04 -87.09	157.19 2.54 -84.00
V_XM_10_SYNC_DSASP 323789	70.03 -0.57 0.00	69.82 -0.57 0.00	69.68 -0.56 0.00	69.75 -0.56 0.00	69.61 -0.70 0.00	59.95 -4.24 0.00	63.72 -5.17 0.00	46.90 -3.64 0.00	47.65 -3.86 0.00	41.75 -3.58 0.00	54.67 -4.43 0.00	48.42 -3.81 0.00	42.99 -4.15 0.00	42.71 -4.22 0.00	44.12 -4.26 0.00	42.27 -4.08 0.00	56.24 -5.36 0.00	71.83 -9.33 0.00	72.22 -8.20 0.00	63.01 -5.70 0.00	68.98 -1.62 0.00	68.91 -1.62 0.00	68.79 -1.69 0.00	69.38 -1.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	119.42 4.94 -43.88	107.70 4.58 -32.74	113.28 4.35 -38.68	111.78 4.29 -37.17	116.01 4.22 -41.48	123.58 3.40 -55.99	143.79 3.72 -71.18	165.25 2.88 -111.83	148.99 3.09 -94.39	142.71 2.95 -94.44	141.84 3.72 -79.01	139.65 3.29 -84.13	135.73 2.97 -85.62	134.77 2.96 -84.87	135.71 3.05 -84.29	146.10 2.87 -96.88	169.95 4.00 -104.35	213.66 5.60 -126.90	200.14 5.39 -114.32	184.08 4.60 -110.76	156.79 5.65 -80.54	150.92 5.29 -75.10	139.36 5.29 -63.59	137.29 5.30 -61.34
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	121.97 5.86 -45.51	109.77 5.42 -33.96	115.56 5.20 -40.12	113.93 5.06 -38.55	118.33 4.99 -43.02	126.37 4.11 -58.08	147.06 4.34 -73.83	169.91 3.39 -115.98	153.12 3.71 -97.89	146.81 3.54 -97.95	145.54 4.49 -81.95	143.51 4.02 -87.26	139.62 3.68 -88.80	138.58 3.61 -88.03	139.57 3.77 -87.42	150.34 3.52 -100.47	174.69 4.87 -108.22	219.42 6.66 -131.61	205.35 6.35 -118.57	189.02 5.43 -114.88	160.71 6.57 -83.54	154.63 6.21 -77.90	142.64 6.20 -65.96	140.56 6.29 -63.62
W50THST__13_KV_LOAD 356117	122.39 6.28 -45.51	110.26 5.91 -33.96	115.98 5.62 -40.12	114.42 5.55 -38.55	118.75 5.41 -43.02	126.82 4.56 -58.08	147.61 4.89 -73.83	170.36 3.84 -115.98	153.53 4.12 -97.89	147.22 3.94 -97.95	146.08 5.02 -81.95	143.93 4.44 -87.26	140.04 4.10 -88.80	139.00 4.04 -88.03	139.96 4.16 -87.42	150.76 3.94 -100.47	175.24 5.42 -108.22	220.16 7.39 -131.61	206.07 7.08 -118.57	189.57 5.98 -114.88	161.27 7.13 -83.54	155.13 6.70 -77.90	143.13 6.70 -65.96	141.06 6.78 -63.62
WADING RIVER_IC_1 23522	125.16 9.04 -45.52	112.73 8.37 -33.97	118.10 7.73 -40.14	116.48 7.60 -38.56	120.73 7.38 -43.03	129.08 6.80 -58.10	149.50 6.76 -73.85	171.53 4.96 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.96 6.85 -82.00	148.78 6.00 -90.55	146.07 5.56 -93.37	146.01 5.54 -93.54	148.81 5.80 -94.63	155.26 5.61 -103.31	201.43 7.70 -132.13	251.71 10.47 -160.08	220.32 10.05 -129.85	216.59 8.87 -139.02	194.60 9.96 -114.04	181.70 9.80 -101.37	146.12 9.66 -65.99	143.84 9.53 -63.65
WADING RIVER_IC_2 23547	125.16 9.04 -45.52	112.73 8.37 -33.97	118.10 7.73 -40.14	116.48 7.60 -38.56	120.73 7.38 -43.03	129.08 6.80 -58.10	149.50 6.76 -73.85	171.53 4.96 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.96 6.85 -82.00	148.78 6.00 -90.55	146.07 5.56 -93.37	146.01 5.54 -93.54	148.81 5.80 -94.63	155.26 5.61 -103.31	201.43 7.70 -132.13	251.71 10.47 -160.08	220.32 10.05 -129.85	216.59 8.87 -139.02	194.60 9.96 -114.04	181.70 9.80 -101.37	146.12 9.66 -65.99	143.84 9.53 -63.65
WADING RIVER_IC_3 23601	125.16 9.04 -45.52	112.73 8.37 -33.97	118.10 7.73 -40.14	116.48 7.60 -38.56	120.73 7.38 -43.03	129.08 6.80 -58.10	149.50 6.76 -73.85	171.53 4.96 -116.03	155.02 5.57 -97.94	148.57 5.26 -97.99	147.96 6.85 -82.00	148.78 6.00 -90.55	146.07 5.56 -93.37	146.01 5.54 -93.54	148.81 5.80 -94.63	155.26 5.61 -103.31	201.43 7.70 -132.13	251.71 10.47 -160.08	220.32 10.05 -129.85	216.59 8.87 -139.02	194.60 9.96 -114.04	181.70 9.80 -101.37	146.12 9.66 -65.99	143.84 9.53 -63.65
WALDENNY_12_KV_BK2 80841	73.80 -4.87 -8.07	71.20 -5.21 -6.02	71.81 -5.55 -7.12	71.60 -5.55 -6.84	72.46 -5.48 -7.63	70.33 -4.17 -10.31	76.63 -5.37 -13.11	66.58 -4.55 -20.59	63.85 -5.05 -17.38	58.19 -4.53 -17.39	67.75 -5.91 -14.55	62.40 -5.33 -15.49	58.24 -4.67 -15.77	58.06 -4.51 -15.63	59.06 -4.84 -15.52	59.60 -4.59 -17.84	74.59 -6.22 -19.22	95.99 -8.28 -23.10	90.65 -8.28 -18.51	77.90 -7.21 -16.40	74.83 -7.70 -11.93	76.74 -7.62 -13.83	75.28 -6.91 -11.71	76.50 -5.44 -11.28
WALDEN__HYDRO 24148	119.78 5.22 -43.95	108.11 4.93 -32.80	113.63 4.64 -38.75	112.19 4.64 -37.23	116.43 4.57 -41.55	124.06 3.79 -56.09	144.40 4.20 -71.30	165.69 3.13 -112.02	149.36 3.30 -94.55	142.96 3.04 -94.60	142.09 3.84 -79.14	139.85 3.34 -84.27	135.92 3.02 -85.77	134.91 2.96 -85.02	135.91 3.10 -84.43	146.35 2.97 -97.03	170.37 4.25 -104.52	214.19 5.92 -127.10	200.73 5.79 -114.51	184.53 4.88 -110.94	157.21 5.93 -80.68	151.26 5.50 -75.23	139.75 5.57 -63.70	137.61 5.51 -61.44
WARRENSBURG____ 23737	138.08 5.93 -61.55	122.01 5.70 -45.93	130.13 5.62 -54.26	128.01 5.55 -52.14	134.19 5.69 -58.18	147.67 4.94 -78.55	174.25 5.51 -99.85	230.70 2.98 -177.18	201.28 3.25 -146.51	192.28 2.49 -144.46	185.83 3.19 -123.54	185.70 2.82 -130.65	181.43 2.45 -131.84	179.85 2.49 -130.43	180.89 2.56 -129.95	200.51 2.55 -151.62	224.32 3.51 -159.22	264.08 4.71 -178.22	245.75 4.66 -160.66	228.01 3.57 -155.73	188.08 4.38 -113.10	180.18 4.30 -105.34	165.38 5.71 -89.20	162.28 5.58 -86.04
WATERSIDE____6 8 9 23538	122.20 6.07 -45.52	109.99 5.63 -33.97	115.71 5.34 -40.14	114.16 5.27 -38.57	118.55 5.20 -43.03	126.58 4.30 -58.09	147.21 4.48 -73.84	169.83 3.28 -116.00	152.98 3.55 -97.91	146.87 3.58 -97.96	151.12 4.55 -87.46	150.89 4.07 -94.58	139.74 3.77 -88.83	138.70 3.71 -88.05	139.65 3.82 -87.45	153.51 3.62 -103.55	192.81 4.93 -126.28	219.45 6.66 -131.63	205.45 6.43 -118.59	189.18 5.57 -114.91	160.93 6.78 -83.55	154.80 6.35 -77.92	142.87 6.41 -65.98	140.79 6.50 -63.64
WATKINRD_115KV_LN8_ILLION 55919	72.15 1.55 0.00	71.79 1.41 0.00	71.64 1.40 0.00	71.72 1.41 0.00	71.72 1.41 0.00	65.09 0.90 0.00	69.86 0.96 0.00	51.20 0.66 0.00	52.18 0.67 0.00	45.92 0.59 0.00	59.88 0.77 0.00	52.91 0.68 0.00	47.75 0.61 0.00	47.50 0.56 0.00	48.96 0.58 0.00	46.95 0.60 0.00	62.40 0.80 0.00	82.22 1.06 0.00	81.55 1.13 0.00	69.67 0.96 0.00	72.08 1.48 0.00	72.01 1.48 0.00	71.96 1.48 0.00	72.14 1.48 0.00
WATSON__69_KV_BK 1 55734	125.30 9.18 -45.52	112.94 8.59 -33.97	118.31 7.94 -40.14	116.69 7.81 -38.56	120.94 7.59 -43.03	129.28 7.00 -58.10	150.25 7.51 -73.85	172.13 5.56 -116.03	155.38 5.92 -97.94	148.80 5.48 -97.99	148.26 7.15 -82.00	149.10 6.32 -90.55	146.26 5.75 -93.37	146.16 5.68 -93.54	148.91 5.90 -94.63	155.31 5.65 -103.31	201.49 7.76 -132.13	251.87 10.63 -160.08	220.57 10.29 -129.85	216.52 8.79 -139.01	194.60 9.95 -114.04	181.50 9.59 -101.37	146.34 9.87 -65.99	143.98 9.68 -63.65
WDELAWARE__HYD 323627	117.84 5.72 -41.52	106.86 5.49 -30.98	112.04 5.20 -36.61	110.69 5.20 -35.17	114.70 5.13 -39.25	121.54 4.37 -52.99	141.28 5.03 -67.36	160.10 3.74 -105.82	144.64 3.81 -89.32	138.09 3.40 -89.36	138.13 4.26 -74.77	135.45 3.60 -79.61	131.37 3.21 -81.02	130.40 3.15 -80.31	131.43 3.29 -79.76	141.21 3.20 -91.66	165.08 4.74 -98.73	207.96 6.73 -120.07	195.26 6.67 -108.16	179.14 5.64 -104.79	153.51 6.71 -76.20	147.80 6.21 -71.06	136.86 6.20 -60.17	134.70 6.00 -58.04

WEST BABYLON___IC 23714	124.81 8.68 -45.52	112.45 8.09 -33.97	117.89 7.52 -40.14	116.19 7.31 -38.56	120.45 7.10 -43.03	128.77 6.48 -58.10	149.70 6.96 -73.85	171.78 5.21 -116.03	154.96 5.51 -97.94	148.44 5.12 -97.99	147.79 6.68 -82.00	148.68 5.90 -90.55	145.88 5.37 -93.37	145.83 5.35 -93.54	148.47 5.47 -94.63	154.85 5.19 -103.31	200.81 7.08 -132.13	250.98 9.74 -160.07	219.68 9.41 -129.85	215.76 8.04 -139.01	193.82 9.18 -114.04	180.72 8.82 -101.37	145.63 9.16 -65.99	143.42 9.11 -63.65
WEST CANADA___HYD 24049	71.23 0.63 0.00	70.95 0.56 0.00	70.80 0.56 0.00	70.88 0.56 0.00	70.88 0.56 0.00	64.32 0.13 0.00	69.03 0.14 0.00	50.64 0.10 0.00	51.62 0.10 0.00	45.37 0.05 0.00	59.23 0.12 0.00	52.34 0.10 0.00	47.23 0.09 0.00	47.03 0.09 0.00	48.47 0.10 0.00	46.39 0.05 0.00	61.66 0.06 0.00	81.24 0.08 0.00	80.51 0.08 0.00	68.85 0.14 0.00	71.16 0.56 0.00	71.16 0.63 0.00	71.11 0.63 0.00	71.29 0.63 0.00
WESTERN_NY_WIND 24143	74.52 -3.11 -7.03	72.11 -3.52 -5.24	72.57 -3.86 -6.19	72.47 -3.80 -5.95	73.30 -3.66 -6.64	70.60 -2.57 -8.98	76.93 -3.38 -11.41	65.54 -2.93 -17.93	63.25 -3.40 -15.13	57.39 -3.08 -15.14	67.76 -4.02 -12.67	62.06 -3.66 -13.49	57.61 -3.25 -13.73	57.45 -3.10 -13.61	58.46 -3.43 -13.51	58.68 -3.20 -15.53	74.08 -4.25 -16.73	95.91 -5.44 -20.19	91.76 -5.47 -16.81	79.27 -4.81 -15.37	76.27 -5.51 -11.18	77.14 -5.43 -12.04	75.74 -4.93 -10.20	76.80 -3.67 -9.82
WESTOVER___LESR 323668	86.42 0.21 -15.61	82.03 0.00 -11.65	83.86 -0.14 -13.76	83.47 -0.07 -13.22	85.00 -0.07 -14.75	84.12 0.00 -19.93	94.22 0.00 -25.33	90.24 -0.10 -39.80	84.90 -0.21 -33.59	78.76 -0.18 -33.61	86.93 -0.30 -28.12	81.91 -0.26 -29.94	77.42 -0.19 -30.47	77.00 -0.14 -30.21	78.18 -0.19 -30.00	80.64 -0.19 -34.48	98.55 -0.18 -37.14	126.02 -0.24 -45.10	120.31 -0.24 -40.13	106.98 -0.27 -38.54	98.56 -0.07 -28.03	97.05 -0.21 -26.73	92.97 -0.14 -22.63	92.61 0.14 -21.82
WETHRSFD_WT_PWR 323626	75.31 -4.45 -9.15	72.36 -4.86 -6.83	73.11 -5.20 -8.07	72.87 -5.20 -7.75	73.69 -5.27 -8.65	71.71 -4.17 -11.69	78.51 -5.24 -14.86	69.54 -4.35 -23.34	66.48 -4.74 -19.70	60.69 -4.35 -19.71	69.87 -5.73 -16.49	64.57 -5.22 -17.56	60.39 -4.62 -17.87	60.10 -4.55 -17.72	61.23 -4.74 -17.60	62.17 -4.40 -20.22	77.35 -6.03 -21.78	99.81 -7.63 -26.28	94.59 -7.64 -21.81	81.88 -6.73 -19.90	78.14 -6.92 -14.45	79.35 -6.84 -15.66	77.47 -6.27 -13.26	78.36 -5.09 -12.79
WHAVSTOR_138KV_BK127 55557	119.19 4.66 -43.93	107.53 4.36 -32.78	113.11 4.14 -38.73	111.61 4.08 -37.21	115.78 3.94 -41.53	123.46 3.21 -56.06	143.60 3.44 -71.27	165.17 2.68 -111.96	148.90 2.88 -94.50	142.64 2.77 -94.55	141.70 3.49 -79.10	139.54 3.08 -84.23	135.69 2.83 -85.72	134.68 2.77 -84.97	135.67 2.90 -84.39	146.06 2.73 -96.98	169.87 3.82 -104.46	213.47 5.28 -127.03	199.93 5.07 -114.44	183.91 4.33 -110.88	156.60 5.37 -80.63	150.73 5.01 -75.19	139.22 5.07 -63.67	137.15 5.09 -61.41
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	119.19 4.66 -43.93	107.53 4.36 -32.78	113.11 4.14 -38.73	111.61 4.08 -37.21	115.78 3.94 -41.53	123.46 3.21 -56.06	143.60 3.44 -71.27	165.17 2.68 -111.96	148.90 2.88 -94.50	142.64 2.77 -94.55	141.70 3.49 -79.10	139.54 3.08 -84.23	135.69 2.83 -85.72	134.68 2.77 -84.97	135.67 2.90 -84.39	146.06 2.73 -96.98	169.87 3.82 -104.46	213.47 5.28 -127.03	199.93 5.07 -114.44	183.91 4.33 -110.88	156.60 5.37 -80.63	150.73 5.01 -75.19	139.22 5.07 -63.67	137.15 5.09 -61.41
WHITEHAL_115KV_TB1 80871	139.56 7.48 -61.48	123.44 7.18 -45.88	131.46 7.02 -54.20	129.43 7.03 -52.08	135.67 7.24 -58.11	149.06 6.42 -78.45	175.93 7.30 -99.73	234.38 4.50 -179.35	204.35 4.84 -147.99	194.79 3.76 -145.70	188.83 4.85 -124.88	188.44 4.23 -131.98	183.88 3.68 -133.06	182.25 3.71 -131.61	183.42 3.87 -131.17	203.51 3.89 -153.27	227.49 5.36 -160.53	266.33 7.14 -178.02	247.99 7.08 -160.49	229.77 5.50 -155.56	190.00 6.42 -112.97	183.44 7.69 -105.23	166.84 7.26 -89.10	163.59 6.99 -85.94
WHITEPLN_13_KV_LOAD 356215	122.03 6.00 -45.43	109.91 5.63 -33.90	115.70 5.41 -40.05	114.14 5.34 -38.48	118.46 5.20 -42.94	126.52 4.36 -57.97	147.55 4.96 -73.69	170.20 3.89 -115.77	153.25 4.02 -97.71	146.90 3.81 -97.77	145.69 4.79 -81.80	143.56 4.23 -87.10	139.69 3.91 -88.64	138.65 3.85 -87.87	139.61 3.97 -87.26	150.39 3.75 -100.29	174.80 5.17 -108.02	219.83 7.30 -131.37	205.70 6.92 -118.35	189.22 5.84 -114.67	160.98 6.99 -83.39	154.84 6.56 -77.75	142.66 6.34 -65.84	140.51 6.36 -63.50
WM_FLOYD_69_KV_BK2 356380	125.02 8.90 -45.52	112.59 8.24 -33.97	117.96 7.59 -40.14	116.33 7.45 -38.56	120.59 7.24 -43.03	129.02 6.74 -58.10	149.77 7.03 -73.85	171.68 5.10 -116.03	155.02 5.56 -97.94	148.49 5.17 -97.99	147.91 6.80 -82.00	148.79 6.01 -90.55	145.98 5.47 -93.37	145.87 5.40 -93.54	148.72 5.71 -94.63	155.17 5.52 -103.31	201.31 7.58 -132.13	251.55 10.31 -160.08	220.25 9.97 -129.85	216.38 8.66 -139.02	194.39 9.74 -114.04	181.29 9.38 -101.38	146.12 9.66 -65.99	143.70 9.40 -63.65
WOODARD__115KV_TB2 355635	74.47 -0.78 -4.65	72.94 -0.92 -3.47	73.35 -0.98 -4.10	73.27 -0.98 -3.94	73.73 -0.98 -4.39	69.37 -0.77 -5.95	75.77 -0.69 -7.57	61.92 -0.51 -11.89	60.98 -0.57 -10.04	54.87 -0.50 -10.04	66.86 -0.65 -8.40	60.60 -0.57 -8.94	55.77 -0.47 -9.10	55.49 -0.47 -9.02	56.85 -0.48 -8.96	56.14 -0.51 -10.30	72.01 -0.68 -11.09	93.76 -0.89 -13.49	91.70 -0.88 -12.16	79.67 -0.82 -11.79	78.47 -0.71 -8.57	77.67 -0.85 -7.99	76.39 -0.85 -6.76	76.37 -0.78 -6.50
YORK___WARBASSE 23770	122.48 6.35 -45.53	110.48 6.12 -33.97	116.07 5.69 -40.14	114.51 5.63 -38.57	118.84 5.48 -43.03	126.90 4.62 -58.10	147.42 4.68 -73.84	170.08 3.54 -116.00	153.29 3.86 -97.91	147.15 3.85 -97.96	152.36 4.91 -88.34	152.37 4.39 -95.75	139.97 4.01 -88.83	138.98 3.99 -88.05	139.94 4.11 -87.45	154.28 3.89 -104.04	196.06 5.30 -129.16	220.02 7.22 -131.63	206.01 7.00 -118.59	189.67 6.05 -114.91	161.54 7.27 -83.67	155.29 6.84 -77.92	143.29 6.84 -65.98	141.15 6.85 -63.64