

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/26/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	125.44	131.58	136.11	109.77	103.92	146.16	115.06	151.15	147.50	141.17	101.08	107.20	79.05	107.40	97.14	91.13	110.37	155.62	144.62	132.86	143.93	110.60	148.64	113.83
	9.49	8.85	2.74	2.35	2.28	9.80	5.08	2.36	2.56	3.37	3.36	5.10	3.53	5.35	2.95	4.06	5.66	9.82	6.46	8.26	2.69	3.76	10.42	7.84
	-2.33	-11.29	-97.16	-76.19	-71.08	-3.13	-44.59	-118.83	-113.68	-98.01	-60.39	-46.17	-34.48	-38.91	-59.18	-38.85	-34.00	-20.77	-57.74	-19.86	-107.69	-60.35	-4.11	-0.41
74TH STREET_GT_1 24260	125.65	131.79	136.23	109.87	104.02	146.55	115.25	151.24	147.60	141.27	101.16	107.32	79.15	107.51	97.22	91.25	110.53	155.97	144.91	133.22	144.07	110.77	149.08	114.20
	9.69	9.06	2.83	2.43	2.36	10.19	5.26	2.43	2.64	3.46	3.43	5.21	3.62	5.45	3.02	4.17	5.82	10.18	6.73	8.60	2.81	3.92	10.85	8.21
	-2.34	-11.29	-97.18	-76.20	-71.10	-3.13	-44.59	-118.85	-113.71	-98.03	-60.40	-46.17	-34.48	-38.91	-59.20	-38.86	-34.00	-20.77	-57.75	-19.86	-107.71	-60.36	-4.11	-0.41
74TH STREET_GT_2 24261	125.65	131.79	136.23	109.87	104.02	146.55	115.25	151.24	147.60	141.27	101.16	107.32	79.15	107.51	97.22	91.25	110.53	155.97	144.91	133.22	144.07	110.77	149.08	114.20
	9.69	9.06	2.83	2.43	2.36	10.19	5.26	2.43	2.64	3.46	3.43	5.21	3.62	5.45	3.02	4.17	5.82	10.18	6.73	8.60	2.81	3.92	10.85	8.21
	-2.34	-11.29	-97.18	-76.20	-71.10	-3.13	-44.59	-118.85	-113.71	-98.03	-60.40	-46.17	-34.48	-38.91	-59.20	-38.86	-34.00	-20.77	-57.75	-19.86	-107.71	-60.36	-4.11	-0.41
ADK HUDSON___FALLS 24011	128.26	136.69	162.32	130.36	123.19	150.36	128.15	182.84	177.79	167.09	116.76	119.08	88.22	117.82	112.76	102.20	162.07	233.38	247.59	189.83	176.96	140.56	162.93	117.89
	11.70	11.03	3.60	3.07	3.01	13.18	6.53	3.05	3.20	3.72	3.29	4.94	3.70	5.62	3.13	4.99	7.69	13.78	9.03	11.51	3.67	4.90	13.58	10.56
	-2.94	-14.23	-122.51	-96.06	-89.62	-3.95	-56.21	-149.83	-143.34	-123.57	-76.14	-58.21	-43.47	-49.05	-74.62	-48.99	-83.67	-94.58	-158.14	-73.57	-139.74	-89.17	-15.24	-1.75
ADK RESOURCE___RCVRY 23798	129.21	137.51	162.73	130.69	123.51	151.33	128.67	183.23	178.22	167.52	117.06	119.41	88.43	118.13	113.00	102.68	163.18	235.28	249.37	191.40	177.50	141.23	164.08	118.71
	12.65	11.83	3.88	3.29	3.23	14.15	6.99	3.28	3.47	4.02	3.51	5.21	3.86	5.88	3.29	5.42	8.34	14.95	9.86	12.56	4.02	5.35	14.62	11.37
	-2.95	-14.25	-122.64	-96.17	-89.72	-3.96	-56.28	-149.99	-143.49	-123.71	-76.22	-58.27	-43.52	-49.11	-74.70	-49.04	-84.14	-95.30	-159.08	-74.09	-139.93	-89.38	-15.34	-1.76
ADK S GLENS___FALLS 24028	128.26	136.69	162.32	130.36	123.19	150.36	128.15	182.84	177.79	167.09	116.76	119.08	88.22	117.82	112.76	102.20	162.07	233.38	247.59	189.83	176.96	140.56	162.93	117.89
	11.70	11.03	3.60	3.07	3.01	13.18	6.53	3.05	3.20	3.72	3.29	4.94	3.70	5.62	3.13	4.99	7.69	13.78	9.03	11.51	3.67	4.90	13.58	10.56
	-2.94	-14.23	-122.51	-96.06	-89.62	-3.95	-56.21	-149.83	-143.34	-123.57	-76.14	-58.21	-43.47	-49.05	-74.62	-48.99	-83.67	-94.58	-158.14	-73.57	-139.74	-89.17	-15.24	-1.75
ADK_NYS___DAM 23527	125.48	133.76	157.18	126.31	119.36	147.15	124.63	176.76	171.93	162.07	113.64	116.37	86.07	115.16	109.62	99.27	144.89	205.41	213.85	169.29	169.76	132.20	156.02	114.94
	9.03	8.60	2.79	2.41	2.34	10.11	5.00	2.26	2.40	3.07	2.86	4.28	3.09	4.69	2.63	3.79	5.58	9.46	6.21	7.97	2.58	3.56	10.19	8.03
	-2.84	-13.73	-118.18	-92.67	-86.46	-3.81	-54.23	-144.54	-138.28	-119.21	-73.45	-56.15	-41.93	-47.32	-71.99	-47.26	-68.61	-70.92	-127.21	-56.56	-133.63	-82.13	-11.71	-1.32
AIR_PRODUCTS___DRP 24190	120.11	128.58	155.83	125.21	118.30	140.83	121.81	175.81	170.86	160.51	112.21	114.02	84.50	112.57	108.36	97.36	132.54	184.47	191.23	153.55	167.73	127.47	148.39	110.55
	3.64	3.37	1.03	0.99	0.98	3.79	1.99	0.82	0.86	1.10	1.17	1.74	1.38	1.94	1.12	1.72	2.19	3.68	2.38	2.98	0.99	1.51	4.79	3.92
	-2.85	-13.78	-118.59	-92.99	-86.76	-3.83	-54.42	-145.04	-138.76	-119.63	-73.71	-56.35	-42.08	-47.49	-72.24	-47.42	-59.64	-55.76	-108.42	-45.82	-133.20	-79.47	-9.49	-1.05
AKWESSNE_115KV_BK 355683	112.43	110.34	35.81	30.79	30.19	131.66	64.50	29.54	30.75	39.29	36.75	53.19	36.55	61.19	34.54	47.49	69.81	123.50	79.19	103.32	32.92	45.71	132.54	104.68
	-1.18	-1.09	-0.40	-0.44	-0.37	-1.57	-0.90	-0.42	-0.50	-0.50	-0.58	-0.98	-0.62	-0.91	-0.47	-0.73	-0.90	-1.53	-1.24	-1.43	-0.63	-0.79	-1.58	-0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	3.88	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	121.94	130.29	154.40	124.11	117.29	143.21	121.92	173.77	168.92	158.82	111.08	113.31	83.81	112.30	107.44	97.03	126.77	176.00	178.60	147.67	165.41	124.88	148.41	111.66
	5.53	5.33	1.68	1.52	1.48	6.23	3.06	1.32	1.34	1.50	1.33	2.01	1.42	2.50	1.46	2.21	3.26	5.90	3.77	4.79	1.56	2.16	6.40	5.22
	-2.80	-13.54	-116.51	-91.36	-85.24	-3.76	-53.46	-142.50	-136.32	-117.53	-72.41	-55.36	-41.34	-46.65	-70.97	-46.59	-52.80	-45.07	-94.40	-38.12	-130.30	-76.22	-7.89	-0.85
ALBANY_2_SOLAR 323834	121.90	130.23	154.41	124.11	117.27	143.18	121.92	173.79	168.93	158.82	111.08	113.31	83.81	112.29	107.44	97.03	126.76	175.97	178.58	147.64	165.40	124.87	148.37	111.64
	5.49	5.26	1.67	1.50	1.47	6.20	3.05	1.32	1.34	1.49	1.33	2.01	1.41	2.49	1.46	2.21	3.26	5.89	3.77	4.77	1.54	2.15	6.37	5.20
	-2.80	-13.54	-116.52	-91.37	-85.25	-3.76	-53.47	-142.51	-136.34	-117.54	-72.42	-55.36	-41.34	-46.66	-70.98	-46.59	-52.79	-45.06	-94.39	-38.11	-130.31	-76.23	-7.89	-0.85
ALBANY___1 23571	120.11	128.58	155.83	125.21	118.30	140.83	121.81	175.81	170.86	160.51	112.21	114.02	84.50	112.57	108.36	97.36	132.54	184.47	191.23	153.55	167.73	127.47	148.39	110.55
	3.64	3.37	1.03	0.99	0.98	3.79	1.99	0.82	0.86	1.10	1.17	1.74	1.38	1.94	1.12	1.72	2.19	3.68	2.38	2.98	0.99	1.51	4.79	3.92
	-2.85	-13.78	-118.59	-92.99	-86.76	-3.83	-54.42	-145.04	-138.76	-119.63	-73.71	-56.35	-42.08	-47.49	-72.24	-47.42	-59.64	-55.76	-108.42	-45.82	-133.20	-79.47	-9.49	-1.05

ALBANY___2 23572	120.11 3.64 -2.85	128.58 3.37 -13.78	155.83 1.03 -118.59	125.21 0.99 -92.99	118.30 0.98 -86.76	140.83 3.79 -3.83	121.81 1.99 -54.42	175.81 0.82 -145.04	170.86 0.86 -138.76	160.51 1.10 -119.63	112.21 1.17 -73.71	114.02 1.74 -56.35	84.50 1.38 -42.08	112.57 1.94 -47.49	108.36 1.12 -72.24	97.36 1.72 -47.42	132.54 2.19 -59.64	184.47 3.68 -55.76	191.23 2.38 -108.42	153.55 2.98 -45.82	167.73 0.99 -133.20	127.47 1.51 -79.47	148.39 4.79 -9.49	110.55 3.92 -1.05
ALBANY___3 23573	120.11 3.64 -2.85	128.58 3.37 -13.78	155.83 1.03 -118.59	125.21 0.99 -92.99	118.30 0.98 -86.76	140.83 3.79 -3.83	121.81 1.99 -54.42	175.81 0.82 -145.04	170.86 0.86 -138.76	160.51 1.10 -119.63	112.21 1.17 -73.71	114.02 1.74 -56.35	84.50 1.38 -42.08	112.57 1.94 -47.49	108.36 1.12 -72.24	97.36 1.72 -47.42	132.54 2.19 -59.64	184.47 3.68 -55.76	191.23 2.38 -108.42	153.55 2.98 -45.82	167.73 0.99 -133.20	127.47 1.51 -79.47	148.39 4.79 -9.49	110.55 3.92 -1.05
ALBANY___4 23574	120.11 3.64 -2.85	128.58 3.37 -13.78	155.83 1.03 -118.59	125.21 0.99 -92.99	118.30 0.98 -86.76	140.83 3.79 -3.83	121.81 1.99 -54.42	175.81 0.82 -145.04	170.86 0.86 -138.76	160.51 1.10 -119.63	112.21 1.17 -73.71	114.02 1.74 -56.35	84.50 1.38 -42.08	112.57 1.94 -47.49	108.36 1.12 -72.24	97.36 1.72 -47.42	132.54 2.19 -59.64	184.47 3.68 -55.76	191.23 2.38 -108.42	153.55 2.98 -45.82	167.73 0.99 -133.20	127.47 1.51 -79.47	148.39 4.79 -9.49	110.55 3.92 -1.05
ALBANY___LFGE 323615	121.37 4.88 -2.88	129.93 4.59 -13.91	157.38 1.43 -119.73	126.45 1.33 -93.89	119.46 1.30 -87.60	142.39 5.31 -3.86	123.06 2.72 -54.94	177.57 1.17 -146.44	172.57 1.23 -140.10	162.12 1.56 -120.78	113.32 1.57 -74.42	115.15 2.32 -56.89	85.34 1.80 -42.48	113.73 2.64 -47.94	109.44 1.51 -72.93	98.36 2.26 -47.88	140.71 3.07 -66.93	197.87 5.30 -67.55	207.34 3.42 -123.50	163.32 4.34 -54.24	170.09 1.40 -135.14	130.92 2.04 -82.39	151.49 6.14 -11.23	111.76 4.92 -1.26
ALCOA_PA_115KV_PL-6C 55860	112.84 -0.77 0.00	110.77 -0.66 0.00	35.96 -0.25 0.00	30.91 -0.32 0.00	30.31 -0.25 0.00	132.11 -1.11 0.00	64.64 -0.75 0.00	29.61 -0.35 0.00	30.83 -0.43 0.00	39.35 -0.44 0.00	36.81 -0.52 0.00	53.30 -0.93 1.70	36.72 -0.58 3.75	61.28 -0.86 1.01	34.57 -0.44 0.00	47.56 -0.66 0.00	69.33 -1.38 0.00	123.74 -1.28 0.00	79.40 -1.02 0.00	103.66 -1.09 0.00	33.01 -0.54 0.00	45.84 -0.66 0.00	132.99 -1.13 0.00	105.14 -0.44 0.00
ALCOA_RYNLDS___DRP 24188	112.84 -0.77 0.00	110.77 -0.66 0.00	35.96 -0.25 0.00	30.91 -0.32 0.00	30.31 -0.25 0.00	132.11 -1.11 0.00	64.64 -0.75 0.00	29.61 -0.35 0.00	30.83 -0.43 0.00	39.35 -0.44 0.00	36.81 -0.52 0.00	53.30 -0.93 1.70	36.72 -0.58 3.75	61.28 -0.86 1.01	34.57 -0.44 0.00	47.56 -0.66 0.00	69.33 -1.38 0.00	123.74 -1.28 0.00	79.40 -1.02 0.00	103.66 -1.09 0.00	33.01 -0.54 0.00	45.84 -0.66 0.00	132.99 -1.13 0.00	105.14 -0.44 0.00
ALCOA___DSASP 323711	112.86 -0.76 0.00	110.77 -0.66 0.00	35.96 -0.25 0.00	30.91 -0.32 0.00	30.31 -0.25 0.00	132.13 -1.09 0.00	64.65 -0.75 0.00	29.61 -0.35 0.00	30.83 -0.42 0.00	39.36 -0.43 0.00	36.80 -0.54 0.00	53.32 -0.92 1.70	36.73 -0.57 3.75	61.27 -0.86 1.01	34.57 -0.43 0.00	47.56 -0.67 0.00	69.33 -1.38 0.00	123.74 -1.29 0.00	79.41 -1.01 0.00	103.66 -1.09 0.00	33.01 -0.54 0.00	45.84 -0.66 0.00	132.99 -1.13 0.00	105.14 -0.44 0.00
ALLEGHENY___COGEN 23514	95.30 -2.58 15.74	115.62 -2.64 -6.83	51.27 -0.83 -15.89	38.55 -0.75 -8.07	42.39 -0.79 -12.61	104.18 -3.76 25.29	87.10 -1.15 -22.85	105.68 -0.46 -76.19	89.96 -0.41 -59.12	91.11 -1.09 -52.41	78.42 -1.33 -42.42	100.38 -2.75 -47.19	50.75 -2.04 -11.74	121.80 -3.30 -61.95	100.79 -1.66 -67.44	100.30 -2.27 -54.35	148.15 -1.95 -79.40	207.10 -0.04 -82.12	164.29 0.31 -83.56	119.10 -0.33 -14.68	112.37 -0.11 -78.93	121.40 -0.52 -75.42	189.11 -2.31 -57.30	148.91 -1.97 -45.30
ALTAMONT_115KV_TB 2 55880	121.06 4.60 -2.85	129.60 4.40 -13.76	156.08 1.42 -118.45	125.36 1.25 -92.88	118.44 1.22 -86.66	142.18 5.14 -3.82	122.33 2.58 -54.35	175.96 1.14 -144.86	171.05 1.21 -138.59	160.77 1.50 -119.48	112.40 1.45 -73.62	114.39 2.17 -56.28	84.68 1.60 -42.03	113.06 2.48 -47.43	108.53 1.37 -72.15	97.54 1.95 -47.37	127.82 2.84 -54.28	176.88 5.02 -46.84	180.91 3.26 -97.23	148.36 4.14 -39.47	167.43 1.36 -132.53	126.06 1.88 -77.68	147.69 5.40 -8.17	110.69 4.23 -0.89
ALTONA_WT_PWR 323606	112.40 -1.22 0.00	110.39 -1.04 0.00	35.65 -0.56 0.00	30.53 -0.70 0.00	29.86 -0.70 0.00	129.67 -3.56 0.00	63.39 -2.01 0.00	29.04 -0.92 0.00	30.20 -1.05 0.00	38.46 -1.33 0.00	10.29 -1.47 25.58	28.36 -2.32 25.26	-14.04 -1.59 53.50	-19.07 -2.45 79.77	33.93 -1.08 0.00	47.10 -1.12 0.00	70.50 -0.20 0.00	124.41 -0.61 0.00	79.12 -1.30 0.00	102.60 -2.15 0.00	32.53 -1.02 0.00	45.28 -1.22 0.00	133.00 -1.11 0.00	105.03 -0.55 0.00
AMERICAN_REF_FUEL 24010	92.58 -11.27 9.76	97.28 -11.29 2.86	46.83 -3.82 -14.44	36.40 -3.28 -8.45	37.35 -3.28 -10.07	101.18 -14.02 18.03	52.38 -6.61 6.42	30.36 -3.46 -3.86	35.77 -3.54 -8.05	37.98 -4.78 -2.97	34.74 -4.24 -1.65	46.76 -6.35 2.83	28.65 -5.12 7.29	45.18 -8.00 9.96	25.50 -4.57 4.93	37.02 -5.75 5.45	50.10 -8.52 12.08	94.30 -15.24 15.49	62.59 -9.80 8.03	44.84 -13.08 46.83	24.19 -4.10 5.26	33.72 -5.82 6.96	77.39 -16.94 39.79	74.01 -12.36 19.21
ARKWRIGHT___SUMMIT_WT_PWR 323751	89.27 -12.22 12.13	95.71 -12.39 3.33	48.15 -4.09 -16.04	36.68 -3.58 -9.02	38.18 -3.55 -11.17	95.63 -15.35 22.25	50.91 -6.95 7.54	31.63 -3.55 -5.21	37.34 -3.59 -9.68	38.71 -4.78 -3.69	35.42 -4.32 -2.41	47.03 -6.42 2.49	27.20 -5.06 8.79	45.11 -7.74 10.30	26.18 -4.33 4.50	37.72 -5.27 5.23	51.47 -7.02 12.22	97.24 -11.85 15.94	64.93 -7.40 8.09	36.92 -11.22 56.61	24.34 -3.76 5.44	34.22 -5.56 6.71	71.87 -16.61 45.64	71.88 -12.51 21.19
ARTHUR KILL_GT_1 23520	271.77 9.21 -148.95	179.24 8.65 -59.16	163.58 2.71 -124.66	137.01 2.32 -103.46	130.99 2.28 -98.15	171.93 9.76 -28.95	115.02 5.03 -44.59	158.06 2.31 -125.80	168.37 2.47 -134.64	169.31 3.14 -126.38	1037.33 3.20 -996.80	475.13 4.86 -414.34	151.70 3.38 -107.27	548.58 5.09 -480.34	125.83 2.83 -87.99	142.70 3.82 -90.66	117.09 5.13 -41.25	155.11 9.31 -20.77	144.39 6.21 -57.75	132.54 7.93 -19.86	148.12 2.57 -112.00	151.46 3.61 -101.35	1447.39 10.07 -1303.21	707.26 7.64 -594.04
ARTHUR_KILL_2 23512	271.44 8.87 -148.95	178.91 8.31 -59.16	163.47 2.60 -124.66	136.91 2.22 -103.46	130.89 2.19 -98.15	171.54 9.37 -28.95	114.81 4.82 -44.59	157.97 2.21 -125.80	168.28 2.38 -134.64	169.19 3.02 -126.38	1037.22 3.08 -996.80	474.97 4.70 -414.34	151.59 3.27 -107.27	548.39 4.90 -480.34	125.72 2.73 -87.99	142.57 3.69 -90.66	116.87 4.92 -41.25	154.67 8.88 -20.77	144.10 5.93 -57.75	132.19 7.58 -19.86	148.02 2.47 -112.00	151.31 3.46 -101.35	1446.98 9.66 -1303.21	706.94 7.32 -594.04
ARTHUR_KILL_3 23513	64.57 8.39 57.44	64.16 7.78 55.04	64.05 2.41 -25.42	63.82 2.07 -30.51	63.59 2.00 -31.03	63.82 8.61 78.01	64.32 4.47 5.55	64.43 2.08 -32.40	64.51 2.25 -31.00	64.97 2.96 -22.22	-90.98 2.99 131.30	65.06 4.53 -4.59	65.35 3.11 -21.19	64.87 4.70 2.98	65.43 2.61 -27.81	65.26 3.56 -13.47	64.99 4.86 10.58	125.68 8.38 7.73	113.46 5.58 -27.45	92.43 7.13 19.44	96.56 2.36 -60.65	67.21 3.30 -17.41	-239.28 9.22 382.61	63.63 6.98 48.93

ARTHUR_KILL_COGEN 323718	271.77 9.21 -148.95	179.24 8.65 -59.16	163.58 2.71 -124.66	137.01 2.32 -103.46	130.99 2.28 -98.15	171.93 9.76 -28.95	115.02 5.03 -44.59	158.06 2.31 -125.80	168.37 2.47 -134.64	169.31 3.14 -126.38	1037.33 3.20 -996.80	475.13 4.86 -414.34	151.70 3.38 -107.27	548.58 5.09 -480.34	125.83 2.83 -87.99	142.70 3.82 -90.66	117.09 5.13 -41.25	155.11 9.31 -20.77	144.39 6.21 -57.75	132.54 7.93 -19.86	148.12 2.57 -112.00	151.46 3.61 -101.35	1447.39 10.07 -1303.21	707.26 7.64 -594.04
ASHOKAN____ 23654	125.46 9.24 -2.61	132.58 8.52 -12.63	147.39 2.49 -108.69	118.61 2.16 -85.23	112.19 2.12 -79.51	146.99 10.26 -3.51	119.90 4.63 -49.87	164.97 2.09 -132.92	160.64 2.22 -127.17	152.20 2.78 -109.63	107.36 2.48 -67.55	111.12 3.54 -51.64	81.95 2.33 -38.56	110.53 3.87 -43.52	103.23 2.02 -66.20	94.95 3.27 -43.46	121.97 4.87 -46.40	171.79 9.51 -37.26	168.73 6.22 -82.08	144.77 7.86 -32.17	157.32 2.50 -121.27	120.05 3.37 -70.19	150.88 10.11 -6.66	114.43 8.13 -0.71
ASTORIA_EAST_ENERGY_CC1 323581	124.75 8.80 -2.34	130.91 8.19 -11.29	135.96 2.56 -97.18	109.63 2.19 -76.20	103.84 2.19 -71.10	145.58 9.22 -3.13	114.74 4.74 -44.59	151.02 2.20 -118.85	147.45 2.49 -113.71	141.05 3.24 -98.02	100.85 3.11 -60.40	106.83 4.72 -46.17	78.84 3.30 -34.48	107.00 4.94 -38.91	96.95 2.75 -59.20	90.91 3.83 -38.86	109.86 5.15 -34.00	155.18 9.39 -20.77	144.45 6.27 -57.75	132.62 8.01 -19.86	143.92 2.67 -107.71	110.46 3.60 -60.36	148.11 9.89 -4.11	113.32 7.33 -0.41
ASTORIA_EAST_ENERGY_CC2 323582	124.75 8.80 -2.34	130.91 8.19 -11.29	135.96 2.56 -97.18	109.63 2.19 -76.20	103.84 2.19 -71.10	145.58 9.22 -3.13	114.74 4.74 -44.59	151.02 2.20 -118.85	147.45 2.49 -113.71	141.06 3.24 -98.02	100.85 3.11 -60.40	106.83 4.72 -46.17	78.84 3.30 -34.48	107.00 4.94 -38.91	96.95 2.75 -59.20	90.91 3.83 -38.86	109.86 5.15 -34.00	155.18 9.39 -20.77	144.45 6.27 -57.75	132.62 8.01 -19.86	143.92 2.67 -107.71	110.47 3.61 -60.36	148.11 9.89 -4.11	113.32 7.33 -0.41
ASTORIA_GT2_1 24094	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT2_2 24095	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT2_3 24096	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT2_4 24097	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT3_1 24098	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT3_2 24099	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT3_3 24100	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT3_4 24101	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT4_1 24102	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT4_2 24103	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT4_3 24104	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41

ASTORIA_GT4_4 24105	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.66 9.30 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.08 3.27 -98.03	100.86 3.13 -60.40	106.87 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.93 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.66 8.05 -19.86	143.93 2.68 -107.71	110.49 3.63 -60.36	148.16 9.93 -4.11	113.40 7.41 -0.41
ASTORIA_GT_1 23523	125.00 9.05 -2.34	131.17 8.45 -11.29	136.05 2.65 -97.18	109.70 2.27 -76.20	103.92 2.26 -71.10	145.87 9.52 -3.13	114.89 4.90 -44.59	151.09 2.28 -118.85	147.53 2.57 -113.71	141.15 3.33 -98.02	100.95 3.21 -60.40	106.97 4.86 -46.17	78.94 3.40 -34.48	107.17 5.11 -38.91	97.03 2.83 -59.20	91.04 3.96 -38.86	110.07 5.36 -34.00	155.52 9.72 -20.77	144.68 6.50 -57.75	132.91 8.30 -19.86	144.01 2.75 -107.71	110.58 3.72 -60.36	148.47 10.25 -4.11	113.60 7.61 -0.41
ASTORIA_GT_10 24110	125.08 9.12 -2.34	131.25 8.53 -11.29	136.06 2.67 -97.18	109.72 2.28 -76.20	103.89 2.24 -71.10	145.91 9.55 -3.13	114.92 4.93 -44.59	151.13 2.32 -118.85	147.48 2.53 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.05 4.93 -46.17	78.97 3.43 -34.48	107.20 5.14 -38.91	97.06 2.86 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.37 6.19 -57.75	132.54 7.93 -19.86	143.86 2.61 -107.71	110.47 3.61 -60.36	148.27 10.04 -4.11	113.59 7.60 -0.41
ASTORIA_GT_11 24225	125.08 9.12 -2.34	131.25 8.53 -11.29	136.06 2.67 -97.18	109.72 2.28 -76.20	103.89 2.24 -71.10	145.91 9.55 -3.13	114.92 4.93 -44.59	151.13 2.32 -118.85	147.48 2.53 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.05 4.93 -46.17	78.97 3.43 -34.48	107.20 5.14 -38.91	97.06 2.86 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.37 6.19 -57.75	132.54 7.93 -19.86	143.86 2.61 -107.71	110.47 3.61 -60.36	148.27 10.04 -4.11	113.59 7.60 -0.41
ASTORIA_GT_12 24226	125.08 9.12 -2.34	131.25 8.53 -11.29	136.06 2.67 -97.18	109.72 2.28 -76.20	103.89 2.24 -71.10	145.91 9.55 -3.13	114.92 4.93 -44.59	151.13 2.32 -118.85	147.48 2.53 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.05 4.93 -46.17	78.97 3.43 -34.48	107.20 5.14 -38.91	97.06 2.86 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.37 6.19 -57.75	132.54 7.93 -19.86	143.86 2.61 -107.71	110.47 3.61 -60.36	148.27 10.04 -4.11	113.59 7.60 -0.41
ASTORIA_GT_13 24227	125.08 9.12 -2.34	131.25 8.53 -11.29	136.06 2.67 -97.18	109.72 2.28 -76.20	103.89 2.24 -71.10	145.91 9.55 -3.13	114.92 4.93 -44.59	151.13 2.32 -118.85	147.48 2.53 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.05 4.93 -46.17	78.97 3.43 -34.48	107.20 5.14 -38.91	97.06 2.86 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.37 6.19 -57.75	132.54 7.93 -19.86	143.86 2.61 -107.71	110.47 3.61 -60.36	148.27 10.04 -4.11	113.59 7.60 -0.41
ASTORIA_GT_5 24106	125.01 9.05 -2.34	131.17 8.45 -11.29	136.04 2.65 -97.18	109.70 2.27 -76.20	103.92 2.26 -71.10	145.90 9.54 -3.13	114.89 4.90 -44.59	151.09 2.28 -118.85	147.53 2.57 -113.71	141.16 3.34 -98.03	100.94 3.21 -60.40	106.98 4.86 -46.17	78.94 3.41 -34.48	107.17 5.11 -38.91	97.03 2.83 -59.20	91.04 3.95 -38.86	110.07 5.35 -34.00	155.54 9.74 -20.77	144.68 6.51 -57.75	132.90 8.29 -19.86	144.01 2.75 -107.71	110.58 3.73 -60.36	148.42 10.20 -4.11	113.58 7.60 -0.41
ASTORIA_GT_7 24107	125.01 9.05 -2.34	131.17 8.45 -11.29	136.04 2.65 -97.18	109.70 2.27 -76.20	103.92 2.26 -71.10	145.90 9.54 -3.13	114.89 4.90 -44.59	151.09 2.28 -118.85	147.53 2.57 -113.71	141.16 3.34 -98.03	100.94 3.21 -60.40	106.98 4.86 -46.17	78.94 3.41 -34.48	107.17 5.11 -38.91	97.03 2.83 -59.20	91.04 3.95 -38.86	110.07 5.35 -34.00	155.54 9.74 -20.77	144.68 6.51 -57.75	132.90 8.29 -19.86	144.01 2.75 -107.71	110.58 3.73 -60.36	148.42 10.20 -4.11	113.58 7.60 -0.41
ASTORIA_GT_8 24108	125.01 9.05 -2.34	131.17 8.45 -11.29	136.04 2.65 -97.18	109.70 2.27 -76.20	103.92 2.26 -71.10	145.90 9.54 -3.13	114.89 4.90 -44.59	151.09 2.28 -118.85	147.53 2.57 -113.71	141.16 3.34 -98.03	100.94 3.21 -60.40	106.98 4.86 -46.17	78.94 3.41 -34.48	107.17 5.11 -38.91	97.03 2.83 -59.20	91.04 3.95 -38.86	110.07 5.35 -34.00	155.54 9.74 -20.77	144.68 6.51 -57.75	132.90 8.29 -19.86	144.01 2.75 -107.71	110.58 3.73 -60.36	148.42 10.20 -4.11	113.58 7.60 -0.41
ASTORIA___2 24149	124.78 8.83 -2.34	130.95 8.23 -11.29	135.98 2.59 -97.18	109.65 2.21 -76.20	103.86 2.20 -71.10	145.64 9.28 -3.13	114.78 4.78 -44.59	151.03 2.22 -118.85	147.46 2.50 -113.71	141.07 3.26 -98.02	100.87 3.14 -60.40	106.86 4.75 -46.17	78.86 3.32 -34.48	107.04 4.98 -38.91	96.96 2.76 -59.20	90.94 3.86 -38.86	109.92 5.21 -34.00	155.27 9.47 -20.77	144.50 6.32 -57.75	132.69 8.08 -19.86	143.93 2.67 -107.71	110.49 3.63 -60.36	148.21 9.98 -4.11	113.40 7.41 -0.41
ASTORIA___3 23516	125.08 9.12 -2.34	131.26 8.54 -11.29	136.06 2.67 -97.18	109.71 2.28 -76.20	103.89 2.23 -71.10	145.90 9.54 -3.13	114.92 4.93 -44.59	151.13 2.31 -118.85	147.48 2.52 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.04 4.93 -46.17	78.94 3.41 -34.48	107.21 5.15 -38.91	97.06 2.85 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.35 6.17 -57.75	132.55 7.94 -19.86	143.87 2.61 -107.71	110.47 3.61 -60.36	148.29 10.06 -4.11	113.59 7.60 -0.41
ASTORIA___4 23517	125.08 9.12 -2.34	131.25 8.53 -11.29	136.06 2.67 -97.18	109.72 2.28 -76.20	103.89 2.24 -71.10	145.91 9.55 -3.13	114.92 4.93 -44.59	151.13 2.32 -118.85	147.48 2.53 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.05 4.93 -46.17	78.96 3.43 -34.48	107.20 5.14 -38.91	97.06 2.86 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.35 6.17 -57.75	132.54 7.93 -19.86	143.86 2.61 -107.71	110.47 3.61 -60.36	148.27 10.04 -4.11	113.59 7.60 -0.41
ASTORIA___5 23518	125.08 9.13 -2.34	131.26 8.54 -11.29	136.06 2.67 -97.18	109.71 2.28 -76.20	103.89 2.23 -71.10	145.90 9.54 -3.13	114.92 4.93 -44.59	151.13 2.31 -118.85	147.48 2.52 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.04 4.93 -46.17	78.94 3.41 -34.48	107.21 5.15 -38.91	97.06 2.85 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.35 6.17 -57.75	132.55 7.94 -19.86	143.87 2.61 -107.71	110.47 3.61 -60.36	148.29 10.06 -4.11	113.59 7.60 -0.41
AST_ENERGY_2_CC3 323677	124.73 8.78 -2.33	100.90 8.18 18.71	102.99 2.54 -64.24	109.61 2.18 -76.20	103.77 2.12 -71.09	145.45 9.09 -3.13	114.70 4.71 -44.59	150.98 2.18 -118.84	147.31 2.36 -113.70	140.94 3.13 -98.02	100.86 3.13 -60.39	106.84 4.73 -46.17	78.79 3.27 -34.48	106.99 4.93 -38.91	96.93 2.73 -59.19	90.84 3.76 -38.86	109.82 5.11 -34.00	154.61 8.81 -20.77	144.04 5.86 -57.75	132.04 7.42 -19.86	143.68 2.43 -107.70	110.26 3.40 -60.35	147.54 9.32 -4.11	113.10 7.12 -0.41
AST_ENERGY_2_CC4 323678	124.73 8.78 -2.33	100.90 8.18 18.71	102.99 2.54 -64.24	109.61 2.18 -76.20	103.77 2.12 -71.09	145.45 9.09 -3.13	114.70 4.71 -44.59	150.98 2.18 -118.84	147.31 2.36 -113.70	140.94 3.13 -98.02	100.86 3.13 -60.39	106.84 4.73 -46.17	78.79 3.27 -34.48	106.99 4.93 -38.91	96.93 2.73 -59.19	90.84 3.76 -38.86	109.82 5.11 -34.00	154.61 8.81 -20.77	144.04 5.86 -57.75	132.04 7.42 -19.86	143.68 2.43 -107.70	110.26 3.40 -60.35	147.54 9.32 -4.11	113.10 7.12 -0.41

ATHENS_STG_1 23668	121.81 5.63 -2.56	129.26 5.45 -12.38	144.52 1.76 -106.55	116.31 1.53 -83.55	110.00 1.49 -77.95	143.01 6.35 -3.44	117.47 3.18 -48.89	161.71 1.44 -130.31	157.46 1.55 -124.66	149.23 1.97 -107.47	105.48 1.92 -66.22	109.53 2.96 -50.62	80.94 2.08 -37.81	109.02 3.21 -42.66	101.65 1.75 -64.90	93.21 2.39 -42.61	109.97 3.44 -35.82	151.46 6.11 -20.33	144.68 3.99 -60.26	129.89 5.10 -20.04	153.17 1.68 -117.94	114.53 2.32 -65.71	144.73 6.46 -4.15	110.89 4.90 -0.40
ATHENS_STG_2 23670	121.81 5.63 -2.56	129.26 5.45 -12.38	144.52 1.76 -106.55	116.31 1.53 -83.55	110.00 1.49 -77.95	143.01 6.35 -3.44	117.47 3.18 -48.89	161.71 1.44 -130.31	157.46 1.55 -124.66	149.23 1.97 -107.47	105.48 1.92 -66.22	109.53 2.96 -50.62	80.94 2.08 -37.81	109.02 3.21 -42.66	101.65 1.75 -64.90	93.21 2.39 -42.61	109.97 3.44 -35.82	151.46 6.11 -20.33	144.68 3.99 -60.26	129.89 5.10 -20.04	153.17 1.68 -117.94	114.53 2.32 -65.71	144.73 6.46 -4.15	110.89 4.90 -0.40
ATHENS_STG_3 23677	121.81 5.63 -2.56	129.26 5.45 -12.38	144.52 1.76 -106.55	116.31 1.53 -83.55	110.00 1.49 -77.95	143.01 6.35 -3.44	117.47 3.18 -48.89	161.71 1.44 -130.31	157.46 1.55 -124.66	149.23 1.97 -107.47	105.48 1.92 -66.22	109.53 2.96 -50.62	80.94 2.08 -37.81	109.02 3.21 -42.66	101.65 1.75 -64.90	93.21 2.39 -42.61	109.97 3.44 -35.82	151.46 6.11 -20.33	144.68 3.99 -60.26	129.89 5.10 -20.04	153.17 1.68 -117.94	114.53 2.32 -65.71	144.73 6.46 -4.15	110.89 4.90 -0.40
AUBURN____LFGE 323710	116.73 -1.23 -4.34	112.80 -1.05 -2.43	48.33 -0.40 -12.52	41.97 -0.22 -10.95	39.51 -0.29 -9.24	139.55 -1.22 -7.55	73.17 -0.68 -8.45	45.18 -0.16 -15.39	45.53 -0.13 -14.41	52.80 -0.46 -13.47	44.57 -0.42 -7.65	61.35 -0.60 -6.02	47.97 -0.70 -7.62	67.94 -0.94 -5.73	42.13 -0.49 -7.61	52.78 -0.38 -4.94	74.71 -0.39 -4.39	127.42 -0.16 -2.56	87.82 0.02 -7.38	121.24 -0.25 -16.74	49.38 -0.02 -15.85	54.25 -0.16 -7.92	141.59 -1.01 -8.48	107.04 -1.05 -2.51
BABYLON_RES_REC 323704	126.48 10.53 -2.33	132.57 9.85 -11.29	136.44 3.08 -97.15	110.06 2.66 -76.18	104.21 2.58 -71.07	147.21 10.85 -3.13	115.42 5.44 -44.58	151.24 2.48 -118.81	147.67 2.75 -113.66	141.37 3.59 -97.99	125.72 3.75 -84.63	155.11 5.65 -93.53	98.44 3.83 -53.56	107.79 5.74 -38.90	97.36 3.19 -59.17	144.47 4.54 -91.71	176.41 6.66 -99.04	157.57 11.37 -21.17	152.58 7.54 -64.61	297.53 9.97 -182.82	157.19 3.21 -120.44	154.87 4.50 -103.88	152.81 12.38 -6.32	137.77 9.50 -22.68
BABYLON__69_KV_BK2 356345	127.77 11.82 -2.33	133.81 11.09 -11.29	136.83 3.48 -97.15	110.40 3.00 -76.18	104.54 2.91 -71.07	148.63 12.28 -3.13	116.10 6.13 -44.58	151.57 2.80 -118.81	148.00 3.09 -113.66	141.81 4.03 -97.99	126.16 4.20 -84.63	155.80 6.34 -93.53	98.91 4.31 -53.56	108.54 6.49 -38.90	97.77 3.59 -59.17	145.04 5.12 -91.71	177.28 7.54 -99.04	159.03 12.84 -21.17	153.54 8.50 -64.61	298.85 11.29 -182.82	157.62 3.64 -120.44	155.44 5.06 -103.88	154.39 13.96 -6.32	138.99 10.73 -22.68
BALL_HILL_WT_PWR 323825	92.06 -10.26 11.29	97.19 -10.34 3.90	48.24 -3.43 -15.46	37.04 -2.99 -8.80	38.25 -2.98 -10.67	99.23 -13.01 20.98	50.08 -5.98 9.34	26.82 -3.12 0.02	33.88 -3.17 -5.80	35.64 -4.27 -0.12	32.98 -3.83 0.53	44.35 -5.66 5.93	26.69 -4.54 9.82	41.13 -6.97 15.04	21.61 -3.93 9.46	34.10 -4.84 9.28	45.71 -6.69 18.31	91.12 -11.55 22.35	58.84 -7.24 14.34	35.33 -10.25 59.17	19.00 -3.36 11.19	29.25 -4.93 12.32	68.51 -14.57 51.03	69.70 -10.82 25.06
BARON_WINDS__WT_PWR 323822	84.37 -9.60 19.65	84.94 -9.21 17.29	53.70 -2.88 -20.36	38.74 -2.56 -10.07	40.41 -2.50 -12.35	82.21 -11.61 39.40	12.07 -5.09 48.24	-43.23 -2.13 71.07	-12.16 -2.12 41.29	-13.57 -3.09 50.27	-6.00 -2.95 40.39	-6.00 -4.43 57.51	-2.67 -3.72 40.01	-35.44 -5.25 93.33	-51.87 -2.70 84.17	-26.63 -3.36 71.49	-48.60 -4.09 115.22	-8.39 -6.83 126.58	-33.52 -4.21 109.73	-79.80 -6.17 178.38	-71.49 -2.00 103.04	-54.88 -3.02 98.36	-61.23 -9.08 186.27	-6.68 -7.93 104.33
BARRETT_IC_1 23704	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_10 23701	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_11 23702	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_12 23703	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_2 23705	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_3 23706	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_4 23707	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68

BARRETT_IC_5 23708	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_6 23709	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_7 23710	124.96 9.01 -2.33	131.23 8.51 -11.29	136.01 2.66 -97.15	109.69 2.28 -76.18	103.85 2.22 -71.07	145.66 9.30 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.31 4.85 -93.53	97.90 3.29 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.86 -91.71	175.19 5.44 -99.04	155.61 9.42 -21.17	151.35 6.31 -64.61	295.87 8.30 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.74 10.30 -6.32	136.13 7.87 -22.68
BARRETT_IC_8 23711	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT_IC_9 23700	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT___1 23545	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BARRETT___2 23546	124.95 9.00 -2.33	131.24 8.52 -11.29	136.02 2.66 -97.15	109.68 2.28 -76.18	103.84 2.21 -71.07	145.65 9.29 -3.13	114.68 4.70 -44.58	150.89 2.12 -118.81	147.27 2.35 -113.66	140.87 3.09 -97.99	125.17 3.21 -84.63	154.30 4.84 -93.53	97.88 3.28 -53.56	107.03 4.98 -38.90	96.93 2.75 -59.17	143.78 3.85 -91.71	175.19 5.45 -99.04	155.61 9.42 -21.17	151.37 6.33 -64.61	295.88 8.32 -182.82	156.68 2.70 -120.44	154.13 3.76 -103.88	150.78 10.34 -6.32	136.12 7.86 -22.68
BATAVIA___115KV_TB1 55881	99.44 -5.84 8.33	103.43 -6.01 1.99	47.44 -2.06 -13.29	37.43 -1.77 -7.96	38.11 -1.80 -9.35	110.32 -7.61 15.29	57.94 -3.43 4.02	34.77 -1.87 -6.69	38.88 -1.91 -9.54	42.11 -2.73 -5.05	38.06 -2.53 -3.25	51.63 -3.91 0.40	32.49 -3.40 5.17	52.01 -5.29 5.84	30.62 -3.01 1.37	42.23 -3.59 2.41	58.63 -4.91 7.17	107.43 -7.58 10.01	72.55 -4.69 3.19	60.23 -6.72 37.79	30.66 -2.09 0.80	40.55 -3.14 2.80	93.90 -9.50 30.71	84.36 -6.96 14.26
BAYONEEC___CTG1 323682	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG10 323750	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG2 323683	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG3 323684	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG4 323685	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG5 323686	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG6 323687	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41

BAYONEEC___CTG7 323688	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG8 323689	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BAYONEEC___CTG9 323749	124.90 8.95 -2.33	131.06 8.33 -11.29	135.98 2.59 -97.17	109.66 2.23 -76.20	103.81 2.15 -71.09	145.63 9.27 -3.13	114.79 4.80 -44.59	151.01 2.21 -118.84	147.35 2.40 -113.70	140.95 3.14 -98.02	100.90 3.17 -60.39	106.92 4.81 -46.17	78.84 3.31 -34.48	107.07 5.01 -38.91	96.97 2.78 -59.19	90.87 3.79 -38.86	109.89 5.19 -34.00	154.80 9.01 -20.77	144.15 5.98 -57.75	132.25 7.63 -19.86	143.75 2.51 -107.70	110.37 3.52 -60.35	148.07 9.85 -4.11	113.46 7.47 -0.41
BEACON___LESR 323632	122.52 6.06 -2.85	130.98 5.78 -13.77	156.49 1.78 -118.50	125.77 1.62 -92.92	118.83 1.58 -86.70	143.63 6.59 -3.82	123.09 3.32 -54.38	176.35 1.46 -144.93	171.44 1.54 -138.65	161.25 1.93 -119.53	112.89 1.90 -73.65	115.07 2.83 -56.30	85.22 2.12 -42.05	113.74 3.15 -47.45	108.96 1.78 -72.18	98.24 2.63 -47.39	134.62 3.70 -60.21	188.40 6.63 -56.75	194.29 4.24 -109.62	156.60 5.34 -46.51	168.44 1.74 -133.16	128.61 2.50 -79.61	151.19 7.45 -9.63	112.45 5.80 -1.07
BEAVER RIVER___HYD 24048	112.17 -1.53 -0.08	109.43 -2.41 -0.41	38.95 -0.80 -3.54	33.26 -0.74 -2.77	32.46 -0.69 -2.59	130.25 -3.09 -0.11	65.41 -1.62 -1.62	33.64 -0.64 -4.32	34.77 -0.62 -4.14	42.44 -0.92 -3.57	38.41 -1.12 -2.20	55.22 -1.91 -1.19	39.78 -1.46 -0.19	62.40 -1.87 -1.13	36.01 -1.15 -2.15	48.15 -1.49 -1.41	70.44 -1.01 -0.74	125.02 -0.05 -0.03	81.83 0.28 -1.12	106.82 1.94 -0.14	37.76 0.34 -3.87	48.48 -0.05 -2.04	134.05 -0.09 -0.03	105.76 0.18 0.00
BEEBEE_GT_13 23619	102.50 -5.05 6.07	106.07 -5.17 0.19	46.02 -1.68 -11.49	37.02 -1.44 -7.23	37.40 -1.45 -8.29	115.84 -6.55 10.84	63.38 -3.05 -1.03	42.33 -1.57 -13.94	43.48 -1.60 -13.82	47.79 -2.27 -10.27	42.67 -2.01 -7.34	58.32 -2.97 -5.36	37.72 -2.43 0.90	62.81 -3.81 -3.48	39.90 -2.13 -7.03	50.35 -2.57 -4.70	69.43 -3.76 -2.48	118.85 -6.29 -0.12	80.30 -3.94 -3.81	77.45 -5.59 21.72	41.31 -1.72 -9.49	50.35 -2.57 -6.43	113.99 -7.75 12.37	95.95 -5.77 3.86
BENSHRST_27_KV_BENSHRST_1 355998	272.92 10.35 -148.95	180.27 9.68 -59.16	163.90 3.03 -124.66	137.27 2.58 -103.46	131.24 2.53 -98.15	173.05 10.88 -28.95	115.57 5.58 -44.59	158.35 2.59 -125.80	168.71 2.81 -134.64	169.81 3.63 -126.38	1037.77 3.64 -996.80	475.82 5.55 -414.34	152.20 3.88 -107.27	549.32 5.83 -480.34	126.24 3.24 -87.99	143.31 4.43 -90.66	118.04 6.08 -41.25	156.60 10.81 -20.77	145.35 7.18 -57.75	133.79 9.18 -19.86	148.54 2.99 -112.00	151.99 4.14 -101.35	1448.93 11.60 -1303.21	708.41 8.79 -594.04
BETHLEHEM___GRP 23843	120.11 3.64 -2.85	128.58 3.37 -13.78	155.83 1.03 -118.59	125.21 0.99 -92.99	118.30 0.98 -86.76	140.83 3.79 -3.83	121.81 1.99 -54.42	175.81 0.82 -145.04	170.86 0.86 -138.76	160.51 1.10 -119.63	112.21 1.17 -73.71	114.02 1.74 -56.35	84.50 1.38 -42.08	112.57 1.94 -47.49	108.36 1.12 -72.24	97.36 1.72 -47.42	132.54 2.19 -59.64	184.47 3.68 -55.76	191.23 2.38 -108.42	153.55 2.98 -45.82	167.73 0.99 -133.20	127.47 1.51 -79.47	148.39 4.79 -9.49	110.55 3.92 -1.05
BETHLEHEM___GS1 323560	120.12 3.65 -2.85	128.58 3.37 -13.78	155.83 1.03 -118.59	125.21 0.99 -92.99	118.30 0.97 -86.76	140.82 3.78 -3.83	121.81 2.00 -54.42	175.81 0.82 -145.04	170.86 0.86 -138.76	160.51 1.10 -119.63	112.21 1.17 -73.71	114.02 1.74 -56.35	84.51 1.38 -42.08	112.56 1.93 -47.49	108.36 1.12 -72.24	97.36 1.72 -47.42	132.54 2.19 -59.64	184.47 3.68 -55.76	191.22 2.37 -108.42	153.58 3.01 -45.82	167.74 0.99 -133.20	127.47 1.50 -79.47	148.39 4.79 -9.49	110.55 3.92 -1.05
BETHLEHEM___GS2 323561	120.12 3.65 -2.85	128.58 3.37 -13.78	155.83 1.03 -118.59	125.21 0.99 -92.99	118.30 0.97 -86.76	140.82 3.78 -3.83	121.81 2.00 -54.42	175.81 0.82 -145.04	170.86 0.86 -138.76	160.51 1.10 -119.63	112.21 1.17 -73.71	114.02 1.74 -56.35	84.51 1.38 -42.08	112.56 1.93 -47.49	108.36 1.12 -72.24	97.36 1.72 -47.42	132.54 2.19 -59.64	184.47 3.68 -55.76	191.22 2.37 -108.42	153.58 3.01 -45.82	167.74 0.99 -133.20	127.47 1.50 -79.47	148.39 4.79 -9.49	110.55 3.92 -1.05
BETHLEHEM___GS3 323562	120.12 3.65 -2.85	128.58 3.37 -13.78	155.83 1.03 -118.59	125.21 0.99 -92.99	118.30 0.97 -86.76	140.82 3.78 -3.83	121.81 2.00 -54.42	175.81 0.82 -145.04	170.86 0.86 -138.76	160.51 1.10 -119.63	112.21 1.17 -73.71	114.02 1.74 -56.35	84.51 1.38 -42.08	112.56 1.93 -47.49	108.36 1.12 -72.24	97.36 1.72 -47.42	132.54 2.19 -59.64	184.47 3.68 -55.76	191.22 2.37 -108.42	153.58 3.01 -45.82	167.74 0.99 -133.20	127.47 1.50 -79.47	148.39 4.79 -9.49	110.55 3.92 -1.05
BETHLEHEM___STEEL 23779	93.23 -9.24 11.15	98.42 -9.34 3.67	48.57 -3.10 -15.45	37.35 -2.71 -8.83	38.54 -2.70 -10.69	100.81 -11.74 20.67	51.25 -5.48 8.67	28.30 -2.89 -1.23	34.95 -2.95 -6.66	36.79 -4.02 -1.02	33.87 -3.63 -0.17	45.57 -5.32 5.05	27.47 -4.28 9.30	42.75 -6.67 13.73	23.07 -3.75 8.18	35.33 -4.67 8.23	47.29 -6.74 16.68	92.67 -11.75 20.60	60.36 -7.36 12.70	37.59 -10.10 57.06	20.74 -3.22 9.58	30.96 -4.69 10.85	71.68 -13.67 48.76	71.75 -10.07 23.75
BETHLHEM_115KV_TB1 79974	120.26 3.80 -2.85	128.79 3.59 -13.77	155.81 1.10 -118.49	125.19 1.05 -92.92	118.27 1.02 -86.69	141.11 4.07 -3.82	121.89 2.12 -54.37	175.76 0.88 -144.92	170.83 0.94 -138.64	160.51 1.19 -119.52	112.21 1.23 -73.64	114.09 1.85 -56.30	84.53 1.43 -42.04	112.65 2.06 -47.45	108.36 1.18 -72.18	97.37 1.76 -47.38	131.36 2.31 -58.34	182.57 3.92 -53.63	188.69 2.54 -105.72	152.25 3.21 -44.29	167.57 1.05 -132.97	127.08 1.58 -79.01	148.17 4.88 -9.17	110.53 3.94 -1.01
BETHPAGE_CC_5 323564	125.68 9.73 -2.33	131.83 9.11 -11.29	136.19 2.84 -97.15	109.85 2.45 -76.18	104.00 2.37 -71.07	146.37 10.01 -3.13	115.01 5.04 -44.58	151.05 2.28 -118.81	147.45 2.54 -113.66	141.11 3.33 -97.99	125.45 3.49 -84.63	154.73 5.27 -93.53	98.17 3.57 -53.56	107.45 5.41 -38.90	97.15 2.97 -59.17	144.16 4.23 -91.71	175.88 6.14 -99.04	156.64 10.45 -21.17	151.96 6.92 -64.61	296.66 9.09 -182.82	156.93 2.95 -120.44	154.50 4.12 -103.88	151.82 11.38 -6.32	136.94 8.68 -22.68
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	93.32 -8.92 11.38	98.84 -9.05 3.55	48.87 -3.01 -15.66	37.53 -2.64 -8.94	38.78 -2.64 -10.87	100.78 -11.41 21.03	51.83 -5.31 8.25	29.65 -2.83 -2.52	36.02 -2.87 -7.63	37.79 -3.90 -1.91	34.70 -3.52 -0.88	46.57 -5.13 4.23	27.85 -4.14 9.07	44.08 -6.44 12.63	24.34 -3.65 7.01	36.45 -4.49 7.28	49.03 -6.40 15.27	94.76 -11.13 19.14	62.20 -6.99 11.23	38.49 -9.63 56.63	22.25 -3.09 8.21	32.45 -4.52 9.53	73.33 -13.15 47.63	72.99 -9.68 22.91

BINGHAMTON___COGEN 23790	108.18 -1.02 4.42	112.72 -1.08 -2.36	66.86 -0.33 -30.98	53.77 -0.30 -22.84	52.84 -0.29 -22.56	123.66 -1.44 8.12	75.51 -0.65 -10.76	67.48 -0.27 -37.79	67.56 -0.24 -36.55	69.48 -0.47 -30.17	56.33 -0.42 -19.41	69.99 -0.58 -14.63	47.43 -0.55 -6.93	73.90 -0.73 -11.49	53.49 -0.41 -18.89	60.32 -0.37 -12.47	82.17 -0.16 -11.62	132.53 -0.29 -7.79	100.31 -0.11 -19.99	93.45 -0.47 10.83	65.31 -0.11 -31.89	65.57 -0.24 -19.31	124.63 -0.84 8.65	101.56 -1.04 2.99
BIXINCNT_115KV_LOAD 355685	90.99 -9.98 12.64	97.70 -10.83 2.90	49.61 -3.23 -16.63	37.57 -3.01 -9.35	39.04 -3.19 -11.67	96.46 -13.74 23.02	53.19 -6.06 6.15	35.79 -3.28 -9.11	40.71 -3.15 -12.61	41.90 -4.30 -6.40	38.13 -3.78 -4.58	50.43 -5.51 -0.01	28.69 -4.42 7.95	49.41 -6.84 6.90	30.11 -3.97 0.92	41.26 -4.64 2.32	57.18 -5.63 7.90	104.06 -9.55 11.41	70.87 -5.96 3.60	41.58 -8.64 54.52	29.57 -2.80 1.18	39.50 -4.32 2.68	78.84 -13.55 41.72	76.92 -10.22 18.44
BLACK RIVER___HYD 24047	112.41 -1.33 -0.12	109.85 -2.16 -0.57	40.42 -0.73 -4.93	34.47 -0.63 -3.87	33.59 -0.58 -3.61	130.68 -2.71 -0.16	66.39 -1.27 -2.26	35.58 -0.41 -6.04	36.65 -0.38 -5.77	44.07 -0.70 -4.98	39.29 -1.11 -3.07	55.88 -2.08 -2.01	40.42 -1.65 -1.02	62.86 -2.06 -1.78	36.84 -1.17 -3.01	48.61 -1.58 -1.97	71.32 -0.43 -1.04	126.63 1.56 -0.05	83.25 1.26 -1.57	108.10 3.16 -0.19	39.79 0.84 -5.40	49.82 0.48 -2.85	135.32 1.16 -0.04	106.51 0.93 0.00
BLACKRVR_115KV_TB2 79977	112.41 -1.32 -0.12	109.85 -2.16 -0.57	40.42 -0.73 -4.93	34.47 -0.63 -3.87	33.59 -0.58 -3.61	130.68 -2.70 -0.16	66.39 -1.27 -2.26	35.58 -0.41 -6.04	36.64 -0.38 -5.77	44.07 -0.70 -4.98	39.29 -1.11 -3.07	55.88 -2.08 -2.01	40.42 -1.65 -1.02	62.86 -2.07 -1.78	36.84 -1.17 -3.01	48.61 -1.58 -1.97	71.31 -0.43 -1.04	126.64 1.56 -0.05	83.25 1.26 -1.57	108.10 3.16 -0.19	39.79 0.84 -5.40	49.81 0.48 -2.85	135.32 1.16 -0.04	106.51 0.93 0.00
BLISS_WT_PWR 323608	90.12 -10.86 12.64	96.70 -11.83 2.90	49.38 -3.47 -16.63	37.32 -3.26 -9.35	38.73 -3.50 -11.67	95.02 -15.18 23.02	52.66 -6.58 6.15	35.53 -3.54 -9.11	40.50 -3.37 -12.61	41.59 -4.60 -6.40	37.94 -3.98 -4.58	50.03 -5.91 -0.01	28.36 -4.74 7.95	48.92 -7.32 6.90	29.80 -4.28 0.92	40.92 -4.98 2.32	57.04 -5.77 7.90	103.80 -9.81 11.41	70.64 -6.19 3.60	41.18 -9.05 54.52	29.43 -2.94 1.18	39.24 -4.57 2.68	77.75 -14.64 41.72	76.14 -11.00 18.44
BLUESTONE___WT_PWR 323821	121.17 0.73 -6.82	116.45 -0.39 -5.40	69.87 -0.44 -34.10	59.34 -0.31 -28.43	55.49 -0.13 -25.06	145.57 0.64 -11.70	85.68 0.62 -19.66	72.23 0.45 -41.82	70.48 -0.31 -39.55	74.92 -0.52 -35.65	58.06 -0.28 -21.00	71.31 -0.93 -16.30	57.18 -0.68 -16.81	77.06 -0.81 -14.72	55.96 0.21 -20.75	62.60 0.84 -13.54	88.39 3.12 -14.56	142.73 6.09 -11.61	110.69 4.57 -25.70	142.35 6.47 -31.13	76.70 2.17 -40.99	71.13 2.41 -22.23	153.33 5.32 -13.89	111.47 2.02 -3.88
BLUE_CIRC_CHEM_DRP 24182	121.08 4.66 -2.81	129.47 4.47 -13.57	154.43 1.42 -116.79	124.10 1.30 -91.58	117.27 1.27 -85.44	142.25 5.26 -3.77	121.61 2.62 -53.59	173.91 1.12 -142.83	169.07 1.17 -136.65	158.96 1.36 -117.81	111.20 1.28 -72.59	113.38 1.95 -55.49	83.91 1.42 -41.44	112.24 2.33 -46.76	107.48 1.34 -71.14	96.90 1.98 -46.70	126.14 2.79 -52.64	174.64 4.91 -44.71	177.60 3.14 -94.04	146.62 3.99 -37.88	165.43 1.30 -130.59	124.66 1.85 -76.31	147.43 5.47 -7.84	110.88 4.45 -0.85
BOC_GAS_DRP 24189	120.49 4.04 -2.83	129.02 3.88 -13.70	155.40 1.25 -117.94	124.84 1.12 -92.48	117.93 1.09 -86.28	141.60 4.57 -3.80	121.79 2.27 -54.12	175.19 0.99 -144.24	170.31 1.07 -137.99	160.11 1.35 -118.97	111.98 1.34 -73.30	114.02 2.05 -56.04	84.38 1.48 -41.85	112.63 2.26 -47.23	108.10 1.26 -71.84	97.15 1.76 -47.16	124.28 2.44 -51.13	171.04 4.27 -41.75	173.91 2.77 -90.72	144.10 3.51 -35.84	166.38 1.16 -131.67	124.56 1.66 -76.41	146.31 4.78 -7.42	110.14 3.77 -0.80
BOONVILLE_115KV_TB1 79983	115.12 1.43 -0.07	112.72 0.93 -0.35	39.55 0.32 -3.03	33.86 0.25 -2.37	33.03 0.26 -2.21	134.46 1.14 -0.10	67.40 0.61 -1.39	34.00 0.34 -3.70	35.18 0.39 -3.54	43.22 0.37 -3.05	39.50 0.28 -1.88	57.68 0.42 -1.32	42.15 0.28 -0.82	64.77 0.48 -1.14	37.04 0.19 -1.84	49.86 0.43 -1.21	72.53 1.18 -0.64	127.96 2.91 -0.03	83.48 2.09 -0.96	108.30 3.43 -0.12	37.80 0.94 -3.31	49.24 1.00 -1.74	136.74 2.60 -0.02	107.59 2.01 0.00
BORALEX_4TH_BRANCH 23824	125.48 9.03 -2.84	133.76 8.60 -13.73	157.18 2.79 -118.18	126.31 2.41 -92.67	119.36 2.34 -86.46	147.16 10.13 -3.81	124.62 5.00 -54.23	176.76 2.26 -144.54	171.93 2.40 -138.28	162.07 3.07 -119.21	113.65 2.87 -73.45	116.37 4.28 -56.15	86.08 3.09 -41.93	115.15 4.68 -47.32	109.62 2.63 -71.99	99.28 3.80 -47.26	144.89 5.58 -68.61	205.41 9.46 -70.92	213.85 6.21 -127.21	169.29 7.97 -56.56	169.75 2.57 -133.63	132.20 3.57 -82.13	156.01 10.18 -11.71	114.95 8.04 -1.32
BOWLINE___1 23526	122.87 6.99 -2.26	128.94 6.56 -10.95	132.52 2.07 -94.24	106.90 1.77 -73.90	101.22 1.71 -68.94	143.63 7.37 -3.04	112.49 7.37 -43.24	146.98 1.76 -115.26	143.44 1.92 -110.27	137.33 2.48 -95.06	98.40 2.50 -58.57	104.45 3.73 -44.78	77.03 2.54 -33.44	104.70 3.82 -37.74	94.55 2.14 -57.40	88.85 2.94 -37.69	107.82 4.15 -32.96	152.69 7.54 -20.12	141.39 4.98 -55.98	130.36 6.36 -19.25	140.09 2.10 -104.45	107.94 2.92 -58.53	146.09 7.99 -3.98	111.92 5.94 -0.40
BOWLINE___2 23595	123.04 7.16 -2.26	129.13 6.75 -10.95	132.59 2.13 -94.25	106.96 1.82 -73.90	101.27 1.76 -68.95	143.84 7.58 -3.04	112.58 3.94 -43.25	147.04 1.81 -115.27	143.49 1.97 -110.28	137.41 2.55 -95.07	98.46 2.54 -58.57	104.54 3.82 -44.78	77.10 2.61 -33.44	104.80 3.92 -37.74	94.61 2.19 -57.41	88.94 3.03 -37.69	107.95 4.27 -32.97	152.86 7.71 -20.13	141.52 5.11 -55.99	130.53 6.53 -19.25	140.16 2.16 -104.46	108.02 2.99 -58.54	146.30 8.20 -3.98	112.08 6.10 -0.40
BRADY___115KV_TB2 356060	114.01 0.39 0.00	111.88 0.45 0.00	36.31 0.10 0.00	31.19 -0.04 0.00	30.60 0.04 0.00	133.22 0.00 0.00	65.16 -0.24 0.00	29.84 -0.12 0.00	31.07 -0.18 0.00	39.49 -0.30 0.00	36.82 -0.51 0.00	53.31 -1.03 1.60	36.83 -0.69 3.53	61.17 -1.03 0.95	34.48 -0.53 0.00	47.51 -0.72 0.00	69.72 -0.99 0.00	124.95 -0.08 0.00	80.21 -0.21 0.00	104.72 -0.04 0.00	33.30 -0.24 0.00	46.22 -0.27 0.00	134.31 0.19 0.00	106.26 0.68 0.00
BRANSCOMB___SOLAR 323811	125.73 9.18 -2.93	134.32 8.74 -14.15	160.87 2.84 -121.82	129.19 2.44 -95.53	122.06 2.37 -89.12	147.52 10.37 -3.93	126.44 5.14 -55.90	181.33 2.38 -148.99	176.24 2.46 -142.54	165.54 2.86 -122.88	115.60 2.55 -75.71	117.72 3.91 -57.88	87.24 2.97 -43.23	116.42 4.49 -48.78	111.68 2.47 -74.20	100.80 3.87 -48.71	157.95 5.97 -81.28	226.46 10.63 -90.81	240.57 6.93 -153.21	184.46 8.85 -70.86	175.15 2.82 -138.78	138.36 3.82 -88.05	159.43 10.64 -14.67	115.56 8.30 -1.68
BRENTWOD_69_KV_W. BRTWOOD 56703	127.17 11.22 -2.33	133.31 10.59 -11.29	136.67 3.32 -97.15	110.28 2.87 -76.18	104.42 2.79 -71.07	148.11 11.75 -3.13	115.79 5.82 -44.58	151.43 2.66 -118.81	147.83 2.91 -113.66	141.59 3.80 -97.99	125.98 4.02 -84.63	155.51 6.04 -93.53	98.71 4.10 -53.56	108.22 6.18 -38.90	97.57 3.39 -59.17	144.79 4.86 -91.71	176.84 7.09 -99.04	158.02 11.83 -21.17	152.83 7.79 -64.61	298.12 10.55 -182.82	157.39 3.41 -120.44	155.14 4.76 -103.88	153.69 13.26 -6.32	138.55 10.29 -22.68

BRISTLHL_115KV_TB1 79998	110.63 -3.17 -0.18	109.11 -3.22 -0.89	42.89 -1.02 -7.70	36.46 -0.81 -6.04	35.36 -0.83 -5.63	129.58 -3.89 -0.25	67.11 -1.82 -3.53	38.61 -0.77 -9.42	39.52 -0.74 -9.01	46.45 -1.11 -7.77	41.12 -1.00 -4.79	58.09 -1.50 -3.66	42.64 -1.14 -2.73	64.43 -1.80 -3.08	38.75 -0.95 -4.69	50.12 -1.18 -3.08	70.73 -1.60 -1.62	122.43 -2.66 -0.07	81.21 -1.66 -2.45	102.72 -2.33 -0.30	41.30 -0.68 -8.43	49.84 -1.10 -4.44	130.60 -3.57 -0.06	102.60 -2.98 0.00
BROOKHAVEN___DRP 24191	126.96 11.01 -2.33	133.02 10.30 -11.29	136.57 3.21 -97.15	110.18 2.78 -76.18	104.32 2.69 -71.07	147.73 11.38 -3.13	115.39 5.41 -44.58	151.24 2.48 -118.81	147.67 2.75 -113.66	141.39 3.61 -97.99	125.89 3.93 -84.63	155.36 5.90 -93.53	98.55 3.94 -53.56	108.03 5.98 -38.90	97.42 3.24 -59.17	144.58 4.65 -91.71	176.69 6.94 -99.04	157.46 11.27 -21.17	152.95 7.91 -64.61	298.00 10.43 -182.82	157.33 3.35 -120.44	155.11 4.73 -103.88	153.53 13.09 -6.32	138.16 9.90 -22.68
BROOKLYN_NAVY_YARD 23515	124.82 8.87 -2.33	130.98 8.26 -11.29	135.95 2.56 -97.17	109.63 2.20 -76.20	103.79 2.14 -71.09	145.55 9.19 -3.13	114.74 4.75 -44.59	151.00 2.20 -118.84	147.33 2.38 -113.70	140.97 3.16 -98.02	100.88 3.15 -60.39	106.88 4.77 -46.17	78.83 3.30 -34.48	107.04 4.99 -38.91	96.95 2.76 -59.19	90.86 3.78 -38.86	109.90 5.19 -34.00	154.88 9.08 -20.77	144.20 6.03 -57.75	132.31 7.70 -19.86	143.79 2.54 -107.70	110.42 3.57 -60.35	148.11 9.89 -4.11	113.44 7.45 -0.41
BROOKLYN___ARMY_DRP 323595	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
BROOKVLE_69_KV_TB1 55790	126.68 10.73 -2.33	132.77 10.05 -11.29	136.50 3.14 -97.15	110.11 2.70 -76.18	104.26 2.63 -71.07	147.52 11.16 -3.13	115.64 5.66 -44.58	151.28 2.52 -118.81	147.69 2.77 -113.66	141.40 3.62 -97.99	125.71 3.75 -84.63	155.21 5.74 -93.53	98.51 3.90 -53.56	108.02 5.98 -38.90	97.46 3.28 -59.17	144.58 4.65 -91.71	176.34 6.59 -99.04	157.60 11.41 -21.17	152.56 7.52 -64.61	297.39 9.82 -182.82	157.15 3.17 -120.44	154.78 4.40 -103.88	152.59 12.15 -6.32	137.55 9.28 -22.68
BROOME_2_LFGE 323671	108.18 -1.02 4.42	112.76 -1.03 -2.36	66.85 -0.34 -30.98	53.76 -0.31 -22.84	52.83 -0.29 -22.56	123.64 -1.45 8.12	75.51 -0.65 -10.76	67.47 -0.28 -37.79	67.56 -0.24 -36.55	69.47 -0.48 -30.17	56.33 -0.42 -19.41	69.97 -0.60 -14.63	47.42 -0.57 -6.93	73.89 -0.74 -11.49	53.48 -0.41 -18.89	60.31 -0.38 -12.47	82.14 -0.19 -11.62	132.48 -0.34 -7.79	100.30 -0.12 -19.99	93.44 -0.47 10.83	65.31 -0.12 -31.89	65.57 -0.24 -19.31	124.61 -0.85 8.65	101.56 -1.04 2.99
BROOME___LFGE 323600	108.18 -1.02 4.42	112.76 -1.03 -2.36	66.85 -0.34 -30.98	53.76 -0.31 -22.84	52.83 -0.29 -22.56	123.64 -1.45 8.12	75.51 -0.65 -10.76	67.47 -0.28 -37.79	67.56 -0.24 -36.55	69.47 -0.48 -30.17	56.33 -0.42 -19.41	69.97 -0.60 -14.63	47.42 -0.57 -6.93	73.89 -0.74 -11.49	53.48 -0.41 -18.89	60.31 -0.38 -12.47	82.14 -0.19 -11.62	132.48 -0.34 -7.79	100.30 -0.12 -19.99	93.44 -0.47 10.83	65.31 -0.12 -31.89	65.57 -0.24 -19.31	124.61 -0.85 8.65	101.56 -1.04 2.99
BROWNFLS_115KV_TB_3_5 80003	112.24 -1.43 -0.06	109.82 -1.90 -0.29	38.04 -0.65 -2.48	32.53 -0.65 -1.95	31.79 -0.59 -1.81	130.41 -2.90 -0.08	64.83 -1.70 -1.14	32.24 -0.75 -3.03	33.37 -0.78 -2.90	41.24 -1.05 -2.50	37.73 -1.14 -1.54	54.30 -1.89 -0.25	38.51 -1.38 1.17	61.68 -1.90 -0.44	35.41 -1.11 -1.51	47.77 -1.44 -0.99	69.70 -1.53 -0.52	123.62 -1.43 -0.02	80.34 -0.87 -0.79	104.72 -0.13 -0.10	35.96 -0.31 -2.71	47.30 -0.63 -1.43	133.16 -0.98 -0.02	105.34 -0.25 0.00
BROWNSV1_27_KV_LOAD 356125	126.23 10.28 -2.33	132.30 9.58 -11.29	136.37 2.98 -97.17	109.98 2.56 -76.20	104.13 2.48 -71.09	147.02 10.66 -3.13	115.50 5.51 -44.59	151.34 2.54 -118.84	147.72 2.77 -113.70	141.43 3.62 -98.02	101.33 3.61 -60.39	107.59 5.48 -46.17	79.34 3.81 -34.48	107.81 5.75 -38.91	97.38 3.19 -59.19	91.46 4.38 -38.86	110.81 6.11 -34.00	156.49 10.70 -20.77	145.24 7.07 -57.75	133.63 9.02 -19.86	144.20 2.95 -107.70	110.96 4.11 -60.35	149.65 11.43 -4.11	114.67 8.68 -0.41
BURROWS___LYONSDAL 23803	114.23 0.54 -0.07	111.68 -0.11 -0.36	39.30 -0.04 -3.13	33.62 -0.06 -2.45	32.81 -0.04 -2.29	133.17 -0.15 -0.10	66.75 -0.08 -1.43	33.81 0.03 -3.82	34.99 0.08 -3.66	42.92 -0.02 -3.15	39.15 -0.12 -1.94	57.01 -0.23 -1.30	41.54 -0.21 -0.70	64.11 -0.18 -1.14	36.71 -0.20 -1.91	49.36 -0.11 -1.25	71.88 0.52 -0.66	127.06 2.01 -0.03	83.00 1.59 -0.99	107.96 3.09 -0.12	37.75 0.78 -3.42	48.99 0.70 -1.80	135.93 1.79 -0.03	107.04 1.46 0.00
CAITHNESS_CC_1 323624	126.62 10.67 -2.33	132.72 10.00 -11.29	136.48 3.12 -97.15	110.11 2.70 -76.18	104.24 2.61 -71.07	147.38 11.03 -3.13	115.28 5.31 -44.58	151.19 2.42 -118.81	147.61 2.69 -113.66	141.31 3.53 -97.99	125.79 3.82 -84.63	155.20 5.74 -93.53	98.45 3.84 -53.56	107.85 5.80 -38.90	97.32 3.14 -59.17	144.44 4.52 -91.71	176.44 6.69 -99.04	157.11 10.92 -21.17	152.63 7.59 -64.61	297.60 10.03 -182.82	157.21 3.23 -120.44	154.93 4.56 -103.88	153.02 12.58 -6.32	137.82 9.56 -22.68
CALPINE BETH_PAGE_GT4 24209	125.76 9.81 -2.33	131.90 9.18 -11.29	136.22 2.86 -97.15	109.87 2.47 -76.18	104.02 2.40 -71.07	146.49 10.13 -3.13	115.07 5.10 -44.58	151.08 2.31 -118.81	147.48 2.56 -113.66	141.14 3.36 -97.99	125.47 3.51 -84.63	154.79 5.32 -93.53	98.21 3.60 -53.56	107.51 5.47 -38.90	97.18 3.00 -59.17	144.20 4.28 -91.71	175.95 6.21 -99.04	156.78 10.59 -21.17	152.03 6.99 -64.61	296.73 9.16 -182.82	156.96 2.98 -120.44	154.54 4.17 -103.88	151.88 11.45 -6.32	137.01 8.75 -22.68
CALPINE_BETH_PAGE_GT_4 323586	125.78 9.84 -2.33	131.90 9.18 -11.29	136.22 2.86 -97.15	109.87 2.46 -76.18	104.03 2.40 -71.07	146.48 10.12 -3.13	115.07 5.09 -44.58	151.08 2.31 -118.81	147.48 2.57 -113.66	141.14 3.36 -97.99	125.47 3.51 -84.63	154.79 5.32 -93.53	98.21 3.60 -53.56	107.51 5.46 -38.90	97.18 3.00 -59.17	144.20 4.27 -91.71	175.94 6.20 -99.04	156.77 10.57 -21.17	152.03 6.99 -64.61	296.75 9.18 -182.82	156.96 2.98 -120.44	154.54 4.17 -103.88	151.88 11.44 -6.32	136.99 8.73 -22.68
CALPINE_BP_GT1 23823	125.78 9.84 -2.33	131.90 9.18 -11.29	136.22 2.86 -97.15	109.87 2.46 -76.18	104.03 2.40 -71.07	146.48 10.12 -3.13	115.07 5.09 -44.58	151.08 2.31 -118.81	147.48 2.57 -113.66	141.14 3.36 -97.99	125.47 3.51 -84.63	154.79 5.32 -93.53	98.21 3.60 -53.56	107.51 5.46 -38.90	97.18 3.00 -59.17	144.20 4.27 -91.71	175.94 6.20 -99.04	156.77 10.57 -21.17	152.03 6.99 -64.61	296.75 9.18 -182.82	156.96 2.98 -120.44	154.54 4.17 -103.88	151.88 11.44 -6.32	136.99 8.73 -22.68
CALSPAN___DRP 24200	93.23 -9.24 11.15	98.42 -9.34 3.67	48.57 -3.10 -15.45	37.35 -2.71 -8.83	38.54 -2.70 -10.69	100.81 -11.74 20.67	51.25 -5.48 8.67	28.30 -2.89 -1.23	34.95 -2.95 -6.66	36.79 -4.02 -1.02	33.87 -3.63 -0.17	45.57 -5.32 5.05	27.47 -4.28 9.30	42.75 -6.67 13.73	23.07 -3.75 8.18	35.33 -4.67 8.23	47.29 -6.74 16.68	92.67 -11.75 20.60	60.36 -7.36 12.70	37.59 -10.10 57.06	20.74 -3.22 9.58	30.96 -4.69 10.85	71.68 -13.67 48.76	71.75 -10.07 23.75

CALVERTON___SOLAR 323806	127.27 11.32 -2.33	133.30 10.58 -11.29	136.66 3.30 -97.15	110.25 2.84 -76.18	104.39 2.76 -71.07	148.01 11.65 -3.13	115.49 5.51 -44.58	151.29 2.52 -118.81	147.73 2.81 -113.66	141.46 3.68 -97.99	125.97 4.01 -84.63	155.48 6.02 -93.53	98.62 4.01 -53.56	108.18 6.13 -38.90	97.48 3.30 -59.17	144.68 4.76 -91.71	176.88 7.14 -99.04	157.74 11.55 -21.17	153.21 8.17 -64.61	298.42 10.85 -182.82	157.45 3.47 -120.44	155.30 4.93 -103.88	154.03 13.59 -6.32	138.51 10.25 -22.68
CANDIGU_WT_PWR 323617	84.37 -9.60 19.65	84.94 -9.21 17.29	53.70 -2.88 -20.36	38.74 -2.56 -10.07	40.41 -2.50 -12.35	82.21 -11.61 39.40	12.07 -5.09 48.24	-43.23 -2.13 71.07	-12.16 -2.12 41.29	-13.57 -3.09 50.27	-6.00 -2.95 40.39	-6.00 -4.43 57.51	-2.67 -3.72 40.01	-35.44 -5.25 93.33	-51.87 -2.70 84.17	-26.63 -3.36 71.49	-48.60 -4.09 115.22	-8.39 -6.83 126.58	-33.52 -4.21 109.73	-79.80 -6.17 178.38	-71.49 -2.00 103.04	-54.88 -3.02 98.36	-61.23 -9.08 186.27	-6.68 -7.93 104.33
CARR STREET_E_SYR 24060	111.20 -2.63 -0.21	109.78 -2.68 -1.02	44.19 -0.84 -8.82	37.48 -0.66 -6.91	36.32 -0.68 -6.45	130.25 -3.25 -0.28	67.94 -1.51 -4.05	40.10 -0.64 -10.78	40.93 -0.64 -10.31	47.71 -0.97 -8.89	41.93 -0.88 -5.48	58.78 -1.35 -4.19	43.12 -1.06 -3.13	65.04 -1.63 -3.53	39.50 -0.88 -5.37	50.68 -1.07 -3.52	71.17 -1.39 -1.86	122.76 -2.35 -0.08	81.77 -1.46 -2.80	103.01 -2.08 -0.34	42.60 -0.60 -9.65	50.62 -0.95 -5.08	131.05 -3.14 -0.07	102.95 -2.64 0.00
CARTHAGE___PAPER 23857	113.11 -0.61 -0.10	110.49 -1.46 -0.51	40.10 -0.50 -4.39	34.21 -0.47 -3.45	33.36 -0.42 -3.21	131.46 -1.91 -0.14	66.44 -0.97 -2.02	35.02 -0.31 -5.37	36.11 -0.28 -5.14	43.71 -0.51 -4.43	39.23 -0.84 -2.73	56.03 -1.61 -1.70	40.46 -1.29 -0.70	63.18 -1.50 -1.53	36.76 -0.92 -2.68	48.78 -1.20 -1.76	71.47 -0.17 -0.92	126.81 1.74 -0.04	83.19 1.37 -1.40	108.24 3.33 -0.17	39.16 0.81 -4.81	49.55 0.53 -2.53	135.62 1.47 -0.04	106.86 1.28 0.00
CASSADAGA_WT_PWR 323784	89.29 -12.00 12.32	96.04 -12.17 3.22	48.35 -4.03 -16.17	36.75 -3.55 -9.07	38.31 -3.54 -11.29	95.57 -15.10 22.55	51.56 -6.67 7.17	32.84 -3.45 -6.33	38.29 -3.47 -10.51	39.63 -4.61 -4.46	36.20 -4.17 -3.04	48.05 -6.13 1.76	27.68 -4.79 8.58	46.59 -7.26 9.30	27.50 -4.06 3.45	39.13 -4.73 4.37	53.61 -6.17 10.93	99.93 -10.51 14.58	66.94 -6.72 6.76	38.40 -10.21 56.14	25.79 -3.53 4.23	35.74 -5.23 5.53	73.79 -15.78 44.54	73.23 -11.96 20.38
CE_DUNWOOD___DRP 24194	124.21 8.27 -2.33	130.46 7.77 -11.27	135.63 2.45 -96.97	109.37 2.10 -76.04	103.54 2.04 -70.94	145.10 8.75 -3.13	114.40 4.50 -44.49	150.63 2.08 -118.59	146.96 2.25 -113.46	140.53 2.93 -97.81	100.51 2.91 -60.26	106.40 4.39 -46.07	78.49 3.03 -34.41	106.55 4.57 -38.83	96.62 2.55 -59.06	90.52 3.53 -38.77	109.62 4.98 -33.93	154.58 8.82 -20.73	143.86 5.81 -57.63	132.02 7.44 -19.82	143.46 2.45 -107.47	110.12 3.39 -60.23	147.57 9.36 -4.10	113.05 7.06 -0.41
CE_MILLWOOD___DRP 24193	123.88 7.94 -2.32	130.14 7.48 -11.22	135.17 2.36 -96.59	109.00 2.03 -75.74	103.19 1.96 -70.67	144.78 8.44 -3.12	114.08 4.35 -44.32	150.10 2.00 -118.14	146.44 2.17 -113.02	140.05 2.82 -97.43	100.17 2.80 -60.03	106.06 4.23 -45.89	78.23 2.91 -34.28	106.22 4.40 -38.68	96.29 2.45 -58.84	90.24 3.39 -38.62	109.29 4.78 -33.80	154.23 8.55 -20.65	143.46 5.63 -57.41	131.70 7.20 -19.75	142.96 2.36 -107.06	109.78 3.29 -60.00	147.28 9.08 -4.09	112.77 6.79 -0.41
CE_NYC2_DRP 24202	125.16 9.21 -2.34	131.32 8.60 -11.29	136.08 2.69 -97.18	109.73 2.30 -76.20	103.91 2.25 -71.10	145.99 9.64 -3.13	114.96 4.97 -44.59	151.13 2.32 -118.85	147.49 2.54 -113.71	141.13 3.32 -98.03	101.02 3.29 -60.40	107.08 4.97 -46.17	78.98 3.44 -34.48	107.25 5.19 -38.91	97.08 2.88 -59.20	91.04 3.96 -38.86	110.14 5.43 -34.00	155.18 9.38 -20.77	144.43 6.26 -57.75	132.63 8.01 -19.86	143.89 2.64 -107.71	110.51 3.65 -60.36	148.40 10.17 -4.11	113.70 7.71 -0.41
CE_NYC_DRP 24195	125.05 9.09 -2.33	131.20 8.48 -11.29	136.02 2.63 -97.17	109.69 2.26 -76.20	103.85 2.20 -71.09	145.79 9.43 -3.13	114.86 4.88 -44.59	151.05 2.25 -118.84	147.40 2.45 -113.70	141.02 3.22 -98.02	100.95 3.22 -60.39	106.99 4.88 -46.17	78.91 3.38 -34.48	107.16 5.10 -38.91	97.02 2.83 -59.19	90.96 3.88 -38.86	110.07 5.37 -34.00	155.84 9.33 -21.48	145.33 6.18 -58.72	132.48 7.87 -19.86	143.83 2.59 -107.70	110.47 3.62 -60.35	148.26 10.04 -4.11	113.59 7.60 -0.41
CHAFFEE___LFGE 323603	93.54 -8.17 11.90	99.93 -8.22 3.28	49.49 -2.76 -16.04	37.91 -2.41 -9.09	39.33 -2.41 -11.18	100.84 -10.52 21.86	53.17 -4.82 7.40	32.56 -2.60 -5.20	38.23 -2.68 -9.65	39.87 -3.64 -3.73	36.50 -3.22 -2.39	48.68 -4.75 2.50	28.57 -3.86 8.62	46.88 -5.98 10.29	27.06 -3.43 4.52	38.77 -4.20 5.25	52.58 -5.87 12.25	98.74 -10.32 15.97	65.77 -6.54 8.11	39.90 -9.06 55.79	25.27 -2.93 5.35	35.55 -4.22 6.73	76.55 -12.35 45.21	75.48 -9.03 21.07
CHATEAUG_35_KV_LOAD 355732	111.76 -1.86 0.00	109.76 -1.67 0.00	35.44 -0.77 0.00	30.40 -0.83 0.00	29.78 -0.78 0.00	129.46 -3.77 0.00	63.36 -2.04 0.00	29.01 -0.95 0.00	30.18 -1.07 0.00	38.48 -1.30 0.00	38.52 -1.40 -2.58	54.33 -2.24 -0.63	40.69 -1.55 -1.19	67.62 -2.43 -6.91	33.87 -1.13 0.00	46.97 -1.26 0.00	70.30 -0.40 0.00	123.89 -1.13 0.00	78.77 -1.66 0.00	102.29 -2.46 0.00	32.45 -1.10 0.00	45.20 -1.30 0.00	132.57 -1.54 0.00	104.39 -1.18 0.00
CHATEAUG_WT_PWR 323614	111.62 -1.99 0.00	109.58 -1.85 0.00	35.38 -0.83 0.00	30.35 -0.88 0.00	29.71 -0.85 0.00	129.15 -4.07 0.00	63.18 -2.22 0.00	28.92 -1.04 0.00	30.08 -1.18 0.00	38.35 -1.44 0.00	11.06 -1.53 24.74	29.05 -2.40 24.49	-12.49 -1.66 51.89	-16.63 -2.58 77.19	33.83 -1.18 0.00	46.93 -1.30 0.00	70.03 -0.68 0.00	123.55 -1.48 0.00	78.59 -1.84 0.00	101.99 -2.76 0.00	32.36 -1.19 0.00	45.08 -1.41 0.00	132.29 -1.82 0.00	104.27 -1.31 0.00
CHAT_HIGH_FALL_HYD 323578	111.76 -1.86 0.00	109.76 -1.67 0.00	35.44 -0.77 0.00	30.40 -0.83 0.00	29.78 -0.78 0.00	129.46 -3.77 0.00	63.36 -2.04 0.00	29.01 -0.95 0.00	30.18 -1.07 0.00	38.48 -1.30 0.00	38.52 -1.40 -2.58	54.33 -2.24 -0.63	40.69 -1.55 -1.19	67.62 -2.43 -6.91	33.87 -1.13 0.00	46.97 -1.26 0.00	70.30 -0.40 0.00	123.89 -1.13 0.00	78.77 -1.66 0.00	102.29 -2.46 0.00	32.45 -1.10 0.00	45.20 -1.30 0.00	132.57 -1.54 0.00	104.39 -1.18 0.00
CHAUTAUQUA___LFGE 323629	91.34 -10.59 11.68	97.08 -10.76 3.60	48.40 -3.55 -15.74	37.03 -3.11 -8.91	38.39 -3.09 -10.91	98.21 -13.45 21.56	50.90 -6.12 8.38	29.48 -3.16 -2.69	35.84 -3.20 -7.80	37.45 -4.31 -1.98	34.45 -3.87 -0.99	46.05 -5.75 4.15	27.19 -4.61 9.25	43.51 -7.07 12.57	24.16 -3.96 6.88	36.21 -4.84 7.17	49.06 -6.51 15.14	94.93 -11.09 19.01	62.43 -6.90 11.09	36.92 -10.17 57.66	21.98 -3.38 8.19	32.11 -4.98 9.40	71.17 -14.82 48.12	71.50 -11.07 23.01
CHERRYST_13_KV_LD 356241	125.37 9.42 -2.33	131.48 8.75 -11.29	136.11 2.73 -97.17	109.77 2.35 -76.20	103.92 2.28 -71.09	146.15 9.79 -3.13	115.05 5.06 -44.59	151.14 2.34 -118.84	147.49 2.54 -113.70	141.14 3.33 -98.02	101.06 3.33 -60.39	107.17 5.06 -46.17	79.04 3.51 -34.48	107.34 5.29 -38.91	97.13 2.93 -59.19	91.12 4.04 -38.86	110.31 5.60 -34.00	155.52 9.73 -20.77	144.60 6.42 -57.75	132.80 8.18 -19.86	143.93 2.69 -107.70	110.60 3.75 -60.35	148.60 10.37 -4.11	113.86 7.87 -0.41

CHESTROR_138KV_BK263 355645	122.40 6.61 -2.17	128.17 6.24 -10.50	128.51 1.97 -90.33	103.76 1.70 -70.83	98.29 1.65 -66.08	143.21 7.07 -2.91	110.51 3.66 -41.45	142.12 1.69 -110.47	138.76 1.82 -105.69	133.23 2.33 -91.12	95.77 2.30 -56.14	102.33 3.47 -42.92	75.48 2.38 -32.05	102.90 3.58 -36.17	92.03 2.00 -55.02	87.13 2.79 -36.12	106.30 4.00 -31.59	151.61 7.30 -19.28	138.89 4.81 -53.65	129.32 6.12 -18.45	135.67 2.01 -100.11	105.37 2.77 -56.10	145.54 7.60 -3.82	111.61 5.65 -0.38
CH_MIDHUDSON___DRP 24192	124.36 8.37 -2.38	130.88 7.96 -11.49	137.59 2.52 -98.85	110.92 2.17 -77.52	105.00 2.12 -72.32	145.54 9.13 -3.19	115.42 4.66 -45.36	152.99 2.13 -120.90	149.21 2.30 -115.66	142.45 2.95 -99.71	101.64 2.87 -61.44	107.22 4.31 -46.97	79.13 3.00 -35.07	107.28 4.55 -39.58	97.74 2.52 -60.21	91.30 3.55 -39.53	110.63 5.16 -34.77	155.73 9.28 -21.43	145.64 6.10 -59.11	132.94 7.78 -20.41	145.66 2.53 -109.58	111.43 3.48 -61.45	147.98 9.64 -4.22	113.25 7.24 -0.42
CH_MISC_IPPS 23765	124.91 8.96 -2.33	131.23 8.51 -11.29	136.05 2.69 -97.15	109.72 2.32 -76.18	103.88 2.25 -71.07	146.09 9.73 -3.13	114.97 5.00 -44.58	151.06 2.29 -118.81	147.38 2.46 -113.66	140.92 3.14 -97.99	100.76 3.05 -60.38	106.69 4.60 -46.16	78.72 3.20 -34.47	106.89 4.85 -38.90	96.86 2.68 -59.17	90.85 3.78 -38.85	110.41 5.56 -34.14	156.07 10.03 -21.02	145.06 6.58 -58.05	133.21 8.42 -20.03	143.96 2.73 -107.68	110.63 3.75 -60.39	148.58 10.32 -4.15	113.75 7.76 -0.41
CH_RES_BVR_FALLS 23983	111.31 -2.31 0.00	108.94 -2.49 0.00	35.40 -0.81 0.00	30.41 -0.81 0.00	29.78 -0.79 0.00	130.55 -2.67 0.00	63.80 -1.60 0.00	29.18 -0.78 0.00	30.39 -0.86 0.00	38.79 -0.99 0.00	36.31 -1.03 0.00	51.58 -1.63 2.73	33.93 -1.11 6.01	59.82 -1.70 1.63	34.06 -0.95 0.00	46.93 -1.29 0.00	68.93 -1.78 0.00	122.27 -2.76 0.00	78.85 -1.57 0.00	103.01 -1.74 0.00	32.80 -0.75 0.00	45.42 -1.08 0.00	131.41 -2.70 0.00	103.79 -1.79 0.00
CH_RES_NIAGARA 23895	92.43 -11.63 9.56	97.03 -11.62 2.78	46.83 -3.69 -14.31	36.44 -3.20 -8.40	37.38 -3.15 -9.98	101.45 -14.11 17.66	52.44 -6.75 6.21	30.41 -3.52 -3.97	35.71 -3.61 -8.07	37.98 -4.88 -3.07	34.66 -4.39 -1.71	46.77 -6.47 2.69	28.79 -5.18 7.08	45.27 -8.19 9.69	25.63 -4.64 4.73	37.08 -5.86 5.28	49.86 -8.97 11.88	93.56 -16.21 15.26	62.09 -10.07 8.26	44.08 -13.49 47.19	24.23 -4.20 5.12	33.72 -5.98 6.79	77.41 -17.30 39.41	74.13 -12.63 18.82
CH_RES_SYRACUSE 23985	112.15 -1.70 -0.24	110.87 -1.71 -1.15	45.53 -0.54 -9.86	38.57 -0.39 -7.73	37.34 -0.43 -7.21	131.43 -2.12 -0.32	68.95 -0.97 -4.52	41.65 -0.37 -12.06	42.43 -0.35 -11.53	49.11 -0.63 -9.95	42.89 -0.57 -6.13	59.76 -0.86 -4.68	43.82 -0.73 -3.50	66.00 -1.10 -3.95	40.44 -0.57 -6.01	51.54 -0.62 -3.94	72.04 -0.74 -2.08	123.98 -1.14 -0.09	82.88 -0.67 -3.13	104.08 -1.05 -0.38	44.06 -0.28 -10.79	51.66 -0.52 -5.68	132.29 -1.90 -0.08	103.88 -1.70 0.00
CLINTON_WT_PWR 323605	111.62 -1.99 0.00	109.58 -1.85 0.00	35.38 -0.83 0.00	30.35 -0.88 0.00	29.71 -0.85 0.00	129.15 -4.07 0.00	63.18 -2.22 0.00	28.92 -1.04 0.00	30.08 -1.18 0.00	38.35 -1.44 0.00	11.06 -1.53 24.74	29.05 -2.40 24.49	-12.49 -1.66 51.89	-16.63 -2.58 77.19	33.83 -1.18 0.00	46.93 -1.30 0.00	70.03 -0.68 0.00	123.55 -1.48 0.00	78.59 -1.84 0.00	101.99 -2.76 0.00	32.36 -1.19 0.00	45.08 -1.41 0.00	132.29 -1.82 0.00	104.27 -1.31 0.00
CLINTON___LFGE 323618	113.81 0.19 0.00	111.71 0.27 0.00	36.09 -0.12 0.00	30.92 -0.31 0.00	30.27 -0.29 0.00	131.31 -1.92 0.00	64.24 -1.16 0.00	29.43 -0.53 0.00	30.62 -0.63 0.00	38.97 -0.82 0.00	54.77 -1.02 -18.45	69.44 -1.69 -15.18	71.86 -1.11 -31.92	117.13 -1.78 -55.75	34.31 -0.70 0.00	47.62 -0.60 0.00	71.53 0.82 0.00	126.13 1.10 0.00	80.28 -0.15 0.00	104.04 -0.71 0.00	32.97 -0.57 0.00	45.83 -0.67 0.00	134.36 0.24 0.00	106.16 0.58 0.00
COBBLENY_34_KV_TB1 80064	93.58 -8.13 11.90	99.92 -8.23 3.28	49.50 -2.76 -16.04	37.91 -2.41 -9.09	39.33 -2.42 -11.18	100.93 -10.44 21.86	53.17 -4.82 7.40	32.56 -2.59 -5.20	38.23 -2.67 -9.65	39.88 -3.63 -3.73	36.45 -3.27 -2.39	48.67 -4.77 2.50	28.56 -3.87 8.62	46.83 -6.03 10.29	27.07 -3.41 4.52	38.78 -4.19 5.25	52.45 -6.00 12.25	98.61 -10.44 15.97	65.79 -6.53 8.11	39.90 -9.06 55.79	25.30 -2.90 5.35	35.55 -4.22 6.73	76.63 -12.27 45.21	75.47 -9.04 21.07
COFFEEN___115KV_TB3 355620	113.35 -0.38 -0.12	110.78 -1.24 -0.58	40.81 -0.43 -5.03	34.82 -0.36 -3.95	33.91 -0.33 -3.68	131.86 -1.53 -0.16	67.04 -0.67 -2.31	36.00 -0.11 -6.15	37.07 -0.07 -5.89	44.51 -0.35 -5.07	39.60 -0.86 -3.13	56.26 -1.75 -2.07	40.70 -1.42 -1.07	63.29 -1.68 -1.82	37.14 -0.93 -3.07	48.89 -1.34 -2.01	72.01 0.24 -1.06	127.95 2.88 -0.05	84.12 2.10 -1.60	109.07 4.13 -0.19	40.20 1.14 -5.51	50.27 0.88 -2.90	136.41 2.26 -0.04	107.26 1.68 0.00
COLDSPRG_115KV_BK1 355956	92.85 -7.43 13.34	101.25 -7.56 2.62	50.47 -2.59 -16.84	38.27 -2.28 -9.33	40.12 -2.31 -11.88	99.59 -9.50 24.13	55.85 -4.28 5.26	39.65 -2.41 -12.10	43.64 -2.41 -14.80	44.94 -3.23 -8.37	40.69 -2.91 -6.27	53.93 -4.02 -2.01	30.32 -3.21 7.52	54.21 -4.80 4.14	34.23 -2.76 -1.98	45.20 -3.09 -0.06	62.40 -4.02 4.29	110.68 -6.75 7.59	76.27 -4.23 -0.07	44.36 -6.64 53.75	33.26 -2.31 -2.02	43.74 -3.35 -0.60	85.45 -9.79 38.88	81.85 -7.50 16.23
COLONIE_LFGE___ 323577	123.38 6.87 -2.89	131.96 6.55 -13.97	158.58 2.10 -120.27	127.38 1.84 -94.31	120.32 1.77 -87.99	144.80 7.69 -3.88	124.43 3.85 -55.19	178.78 1.74 -147.09	173.78 1.81 -140.72	163.35 2.25 -121.31	114.17 2.09 -74.75	116.24 3.15 -57.14	86.07 2.35 -42.67	114.87 3.57 -48.16	110.25 1.99 -73.26	99.24 2.93 -48.09	149.96 4.36 -74.89	213.31 7.61 -80.67	225.46 4.97 -140.07	174.71 6.36 -63.60	172.07 2.04 -136.48	134.52 2.81 -85.21	155.25 7.96 -13.17	113.31 6.23 -1.50
COOPERNY_115KV_TB1 80082	120.14 4.76 -1.77	124.51 4.53 -8.55	111.22 1.44 -73.56	90.15 1.24 -57.68	85.57 1.20 -53.82	140.73 5.13 -2.37	101.80 2.65 -33.76	121.16 1.23 -89.97	118.66 1.34 -86.07	115.69 1.70 -74.20	84.72 1.67 -45.72	93.44 2.56 -34.95	68.88 1.72 -26.10	95.19 2.59 -29.46	81.25 1.44 -44.81	79.64 2.00 -29.41	99.42 2.91 -25.81	146.15 5.30 -15.83	127.76 3.48 -43.85	124.28 4.41 -15.12	116.55 1.46 -81.54	94.21 2.00 -45.71	142.68 5.44 -3.13	109.91 4.02 -0.31
COPENHAGEN_WT_PWR 323753	110.91 -2.83 -0.12	108.33 -3.70 -0.60	40.19 -1.22 -5.20	34.26 -1.05 -4.08	33.36 -1.01 -3.80	128.87 -4.52 -0.17	65.61 -2.17 -2.38	35.49 -0.83 -6.36	36.51 -0.82 -6.08	43.78 -1.25 -5.24	38.99 -1.58 -3.23	55.35 -2.76 -2.17	40.08 -2.14 -1.17	62.21 -2.84 -1.90	36.55 -1.62 -3.17	48.16 -2.14 -2.08	70.35 -1.45 -1.09	124.94 -0.13 -0.05	82.22 0.14 -1.65	106.89 1.94 -0.20	39.75 0.51 -5.69	49.47 -0.02 -3.00	134.02 -0.14 -0.04	105.50 -0.08 0.00
CORNELL_____ 23752	168.04 0.75 -53.68	128.48 0.58 -16.46	60.73 0.20 -24.32	65.43 0.19 -34.00	49.67 0.18 -18.93	228.72 0.66 -94.84	115.13 0.42 -49.32	66.74 0.25 -36.53	60.87 0.28 -29.33	79.54 0.10 -39.65	53.93 -0.10 -16.70	72.24 -0.17 -16.47	93.12 -0.14 -52.21	87.95 -0.27 -25.07	55.35 -0.10 -20.44	62.04 0.13 -13.69	87.02 0.84 -15.48	140.43 2.12 -13.29	103.16 1.53 -21.20	303.81 1.82 -197.24	94.05 0.65 -59.86	70.73 0.76 -23.47	249.95 1.63 -114.20	144.37 0.83 -37.95

CORONA__69_KV_TB1 355595	125.90 9.95 -2.33	132.10 9.38 -11.29	136.29 2.93 -97.15	109.92 2.52 -76.18	104.08 2.45 -71.07	146.70 10.35 -3.13	115.21 5.23 -44.58	151.14 2.37 -118.81	147.52 2.61 -113.66	141.20 3.42 -97.99	125.47 3.51 -84.63	154.78 5.31 -93.53	98.23 3.63 -53.56	107.57 5.53 -38.90	97.23 3.05 -59.17	144.23 4.30 -91.71	175.86 6.11 -99.04	156.87 10.68 -21.17	152.14 7.10 -64.61	296.81 9.24 -182.82	156.98 3.00 -120.44	154.55 4.17 -103.88	151.93 11.50 -6.32	137.01 8.74 -22.68
CORTLAND__115KV_TB3 80093	128.40 0.07 -14.71	116.98 0.00 -5.54	54.46 0.02 -18.22	49.57 0.04 -18.30	44.19 0.03 -13.60	158.97 -0.05 -25.80	83.37 0.06 -17.90	52.60 0.08 -22.56	51.84 0.11 -20.48	61.11 -0.04 -21.36	48.12 -0.09 -10.88	64.72 -0.11 -8.89	58.57 -0.15 -17.67	72.71 45.93 -9.83	55.28 0.01 -11.04	77.50 0.46 -7.05	129.89 1.11 -6.32	91.89 0.82 -3.75	159.30 0.89 -10.65	61.03 0.32 -53.67	58.61 0.31 -27.17	163.48 0.55 -11.79	114.39 0.05 -28.81	114.39 0.05 -8.76
COXSACKIE__GT 23611	125.97 9.63 -2.72	133.78 9.19 -13.15	152.29 2.86 -113.21	122.55 2.54 -88.77	115.88 2.49 -82.82	147.83 10.96 -3.65	122.70 5.35 -51.95	170.80 2.39 -138.46	166.25 2.54 -132.46	156.90 2.91 -114.19	110.14 2.44 -70.36	113.29 3.57 -53.79	83.58 2.36 -40.17	112.36 3.88 -45.33	106.40 2.44 -68.96	97.26 3.77 -45.27	127.51 5.78 -51.02	179.93 11.58 -43.32	178.98 7.42 -91.13	150.56 9.10 -36.70	162.96 2.83 -126.58	124.28 3.81 -73.97	152.95 11.24 -7.60	115.55 9.15 -0.82
CPV_VALLEY__CC1 323721	121.10 5.46 -2.03	126.37 5.14 -9.80	122.17 1.63 -84.33	98.75 1.39 -66.12	93.60 1.35 -61.69	141.73 5.79 -2.72	107.11 3.02 -38.70	134.48 1.39 -103.13	131.43 1.51 -98.67	126.80 1.95 -85.06	91.68 1.94 -52.41	98.93 2.92 -40.07	72.95 1.98 -29.92	99.90 2.99 -33.76	88.04 1.66 -51.37	84.25 2.31 -33.72	103.48 3.29 -29.48	148.98 5.98 -17.98	134.45 3.96 -50.06	126.98 5.03 -17.20	128.67 1.66 -93.46	101.16 2.29 -52.37	143.96 6.28 -3.56	110.54 4.61 -0.36
CPV_VALLEY__CC2 323722	121.10 5.46 -2.03	126.37 5.14 -9.80	122.17 1.63 -84.33	98.75 1.39 -66.12	93.60 1.35 -61.69	141.73 5.79 -2.72	107.11 3.02 -38.70	134.48 1.39 -103.13	131.43 1.51 -98.67	126.80 1.95 -85.06	91.68 1.94 -52.41	98.93 2.92 -40.07	72.95 1.98 -29.92	99.90 2.99 -33.76	88.04 1.66 -51.37	84.25 2.31 -33.72	103.48 3.29 -29.48	148.98 5.98 -17.98	134.45 3.96 -50.06	126.98 5.03 -17.20	128.67 1.66 -93.46	101.16 2.29 -52.37	143.96 6.28 -3.56	110.54 4.61 -0.36
CRESCENT__HYD 24018	123.38 6.87 -2.89	131.96 6.55 -13.97	158.58 2.10 -120.27	127.38 1.84 -94.31	120.32 1.77 -87.99	144.80 7.69 -3.88	124.43 3.85 -55.19	178.78 1.74 -147.09	173.78 1.81 -140.72	163.35 2.25 -121.31	114.17 2.09 -74.75	116.24 3.15 -57.14	86.07 2.35 -42.67	114.87 3.57 -48.16	110.25 1.99 -73.26	99.24 2.93 -48.09	149.96 4.36 -74.89	213.31 7.61 -80.67	225.46 4.97 -140.07	174.71 6.36 -63.60	172.07 2.04 -136.48	134.52 2.81 -85.21	155.25 7.96 -13.17	113.31 6.23 -1.50
CRICKET__VALLEY_CC1 323756	123.77 7.70 -2.45	130.61 7.31 -11.87	140.66 2.32 -102.13	113.31 2.00 -80.08	107.25 1.97 -74.72	144.89 8.38 -3.29	116.54 4.27 -46.86	156.80 1.94 -124.90	152.82 2.07 -119.49	145.48 2.68 -103.01	103.42 2.62 -63.47	108.34 3.88 -48.52	80.00 2.71 -36.24	108.15 4.11 -40.89	99.49 2.28 -62.21	92.35 3.29 -40.84	111.89 4.71 -36.47	156.50 8.42 -23.06	148.19 5.54 -62.22	133.58 7.08 -21.74	149.13 2.32 -113.26	113.35 3.19 -63.67	147.48 8.87 -4.50	112.78 6.75 -0.45
CRICKET__VALLEY_CC2 323757	123.77 7.70 -2.45	130.61 7.31 -11.87	140.66 2.32 -102.13	113.31 2.00 -80.08	107.25 1.97 -74.72	144.89 8.38 -3.29	116.54 4.27 -46.86	156.80 1.94 -124.90	152.82 2.07 -119.49	145.48 2.68 -103.01	103.42 2.62 -63.47	108.34 3.88 -48.52	80.00 2.71 -36.24	108.15 4.11 -40.89	99.49 2.28 -62.21	92.35 3.29 -40.84	111.89 4.71 -36.47	156.50 8.42 -23.06	148.19 5.54 -62.22	133.58 7.08 -21.74	149.13 2.32 -113.26	113.35 3.19 -63.67	147.48 8.87 -4.50	112.78 6.75 -0.45
CRICKET__VALLEY_CC3 323758	123.77 7.70 -2.45	130.61 7.31 -11.87	140.66 2.32 -102.13	113.31 2.00 -80.08	107.25 1.97 -74.72	144.89 8.38 -3.29	116.54 4.27 -46.86	156.80 1.94 -124.90	152.82 2.07 -119.49	145.48 2.68 -103.01	103.42 2.62 -63.47	108.34 3.88 -48.52	80.00 2.71 -36.24	108.15 4.11 -40.89	99.49 2.28 -62.21	92.35 3.29 -40.84	111.89 4.71 -36.47	156.50 8.42 -23.06	148.19 5.54 -62.22	133.58 7.08 -21.74	149.13 2.32 -113.26	113.35 3.19 -63.67	147.48 8.87 -4.50	112.78 6.75 -0.45
CRUCIBLE_METL_DRP 24180	112.15 -1.70 -0.24	110.87 -1.71 -1.15	45.53 -0.54 -9.86	38.57 -0.39 -7.73	37.34 -0.43 -7.21	131.43 -2.12 -0.32	68.95 -0.97 -4.52	41.65 -0.37 -12.06	42.43 -0.35 -11.53	49.11 -0.63 -9.95	42.89 -0.57 -6.13	59.76 -0.86 -4.68	43.82 -0.73 -3.50	65.99 -1.10 -3.95	40.44 -0.57 -6.01	51.54 -0.62 -3.94	72.03 -0.75 -2.08	124.00 -1.12 -0.09	82.87 -0.68 -3.13	104.08 -1.05 -0.38	44.07 -0.27 -10.79	51.66 -0.52 -5.68	132.30 -1.90 -0.08	103.89 -1.70 0.00
DAHOWA__HYDRO 323763	126.68 10.14 -2.93	135.26 9.64 -14.18	161.42 3.13 -122.08	129.65 2.69 -95.73	122.49 2.62 -89.31	148.60 11.44 -3.94	127.10 5.68 -56.02	181.91 2.64 -149.31	176.84 2.75 -142.84	166.14 3.20 -123.15	116.05 2.84 -75.88	118.29 4.35 -58.01	87.65 3.28 -43.32	116.95 4.92 -48.88	112.09 2.72 -74.36	101.36 4.32 -48.82	159.54 6.64 -82.19	229.13 11.86 -92.24	243.26 7.74 -155.09	186.52 9.88 -71.89	175.84 3.15 -139.14	139.21 4.24 -88.47	160.78 11.78 -14.89	116.44 9.15 -1.71
DANC__LFGE 323619	110.74 -3.03 -0.15	108.58 -3.56 -0.71	41.19 -1.16 -6.13	35.08 -0.96 -4.81	34.10 -0.95 -4.49	129.07 -4.35 -0.20	66.15 -2.06 -2.81	36.64 -0.81 -7.50	37.62 -0.80 -7.17	44.76 -1.22 -6.18	39.77 -1.38 -3.81	56.31 -2.34 -2.71	40.98 -1.80 -1.73	62.99 -2.49 -2.33	37.36 -1.39 -3.74	48.85 -1.83 -2.45	70.45 -1.55 -1.29	123.88 -1.20 -0.06	81.76 -0.61 -1.95	105.21 0.22 -0.24	40.28 0.02 -6.71	49.55 -0.48 -3.53	132.56 -1.61 -0.05	104.26 -1.32 0.00
DANSKAMMER__1 23586	124.91 8.96 -2.33	131.23 8.51 -11.29	136.05 2.69 -97.15	109.72 2.32 -76.18	103.88 2.25 -71.07	146.09 9.73 -3.13	114.97 5.00 -44.58	151.06 2.29 -118.81	147.38 2.46 -113.66	140.92 3.14 -97.99	100.76 3.05 -60.38	106.69 4.60 -46.16	78.72 3.20 -34.47	106.89 4.85 -38.90	96.86 2.68 -59.17	90.85 3.78 -38.85	110.41 5.56 -34.14	156.07 10.03 -21.02	145.06 6.58 -58.05	133.21 8.42 -20.03	143.96 2.73 -107.68	110.63 3.75 -60.39	148.58 10.32 -4.15	113.75 7.76 -0.41
DANSKAMMER__2 23589	124.91 8.96 -2.33	131.23 8.51 -11.29	136.05 2.69 -97.15	109.72 2.32 -76.18	103.88 2.25 -71.07	146.09 9.73 -3.13	114.97 5.00 -44.58	151.06 2.29 -118.81	147.38 2.46 -113.66	140.92 3.14 -97.99	100.76 3.05 -60.38	106.69 4.60 -46.16	78.72 3.20 -34.47	106.89 4.85 -38.90	96.86 2.68 -59.17	90.85 3.78 -38.85	110.41 5.56 -34.14	156.07 10.03 -21.02	145.06 6.58 -58.05	133.21 8.42 -20.03	143.96 2.73 -107.68	110.63 3.75 -60.39	148.58 10.32 -4.15	113.75 7.76 -0.41
DANSKAMMER__3 23590	124.91 8.96 -2.33	131.23 8.51 -11.29	136.05 2.69 -97.15	109.72 2.32 -76.18	103.88 2.25 -71.07	146.09 9.73 -3.13	114.97 5.00 -44.58	151.06 2.29 -118.81	147.38 2.46 -113.66	140.92 3.14 -97.99	100.76 3.05 -60.38	106.69 4.60 -46.16	78.72 3.20 -34.47	106.89 4.85 -38.90	96.86 2.68 -59.17	90.85 3.78 -38.85	110.41 5.56 -34.14	156.07 10.03 -21.02	145.06 6.58 -58.05	133.21 8.42 -20.03	143.96 2.73 -107.68	110.63 3.75 -60.39	148.58 10.32 -4.15	113.75 7.76 -0.41

DANSKAMMER___4 23591	124.91 8.96 -2.33	131.23 8.51 -11.29	136.05 2.69 -97.15	109.72 2.32 -76.18	103.88 2.25 -71.07	146.09 9.73 -3.13	114.97 5.00 -44.58	151.06 2.29 -118.81	147.38 2.46 -113.66	140.92 3.14 -97.99	100.76 3.05 -60.38	106.69 4.60 -46.16	78.72 3.20 -34.47	106.89 4.85 -38.90	96.86 2.68 -59.17	90.85 3.78 -38.85	110.41 5.56 -34.14	156.07 10.03 -21.02	145.06 6.58 -58.05	133.21 8.42 -20.03	143.96 2.73 -107.68	110.63 3.75 -60.39	148.58 10.32 -4.15	113.75 7.76 -0.41
DANSKAMMER___DIESEL 23592	124.91 8.96 -2.33	131.23 8.51 -11.29	136.05 2.69 -97.15	109.72 2.32 -76.18	103.89 2.25 -71.07	146.10 9.74 -3.13	114.97 5.00 -44.58	151.06 2.29 -118.81	147.38 2.46 -113.66	140.93 3.14 -97.99	100.76 3.05 -60.38	106.70 4.60 -46.16	78.72 3.20 -34.47	106.89 4.85 -38.90	96.86 2.69 -59.17	90.85 3.78 -38.85	110.41 5.56 -34.14	156.09 10.04 -21.02	145.06 6.59 -58.05	133.20 8.42 -20.03	143.96 2.73 -107.68	110.63 3.75 -60.39	148.57 10.31 -4.15	113.75 7.76 -0.41
DARBY___SOLAR 323810	125.83 9.29 -2.93	134.40 8.81 -14.16	160.91 2.86 -121.83	129.22 2.46 -95.54	122.09 2.40 -89.13	147.62 10.47 -3.93	126.51 5.20 -55.91	181.36 2.40 -149.00	176.29 2.49 -142.55	165.59 2.90 -122.89	115.62 2.57 -75.72	117.75 3.92 -57.89	87.27 2.98 -43.23	116.48 4.55 -48.78	111.71 2.49 -74.21	100.85 3.91 -48.72	158.05 6.02 -81.32	226.65 10.75 -90.88	240.75 7.02 -153.30	184.62 8.95 -70.91	175.20 2.86 -138.79	138.43 3.86 -88.07	159.57 10.77 -14.68	115.64 8.38 -1.68
DASHVILLE___HYD 23610	123.72 7.71 -2.40	130.32 7.28 -11.61	138.38 2.26 -99.91	111.52 1.94 -78.34	105.55 1.89 -73.09	144.91 8.46 -3.22	115.42 4.18 -45.85	154.06 1.91 -122.19	150.22 2.07 -116.90	143.24 2.67 -100.78	101.98 2.55 -62.09	107.24 3.83 -47.47	79.14 2.63 -35.45	107.27 4.11 -40.00	98.08 2.22 -60.86	91.31 3.13 -39.95	112.68 4.55 -37.42	158.79 8.28 -25.49	150.42 5.46 -64.53	135.08 6.98 -23.35	146.79 2.27 -110.97	112.45 3.11 -62.85	147.69 8.75 -4.83	112.70 6.62 -0.50
DEERFIELD_69_KV_DEERFIELD LD 355887	127.36 11.41 -2.33	133.32 10.60 -11.29	136.66 3.30 -97.15	110.25 2.84 -76.18	104.38 2.74 -71.07	148.07 11.71 -3.13	115.51 5.54 -44.58	151.30 2.53 -118.81	147.76 2.85 -113.66	141.50 3.72 -97.99	126.00 4.04 -84.63	155.48 6.02 -93.53	98.61 4.00 -53.56	108.20 6.16 -38.90	97.47 3.29 -59.17	144.69 4.76 -91.71	176.99 7.24 -99.04	157.87 11.68 -21.17	153.38 8.34 -64.61	298.86 11.30 -182.82	157.58 3.60 -120.44	155.71 5.34 -103.88	155.25 14.81 -6.32	139.57 11.31 -22.68
DELAWARE___LFGE 323621	118.52 3.89 -1.01	120.14 3.83 -4.88	79.48 1.25 -42.01	65.26 1.08 -32.94	62.34 1.04 -30.74	139.20 4.62 -1.36	86.95 2.27 -19.28	82.42 1.07 -51.38	81.53 1.12 -49.16	83.55 1.38 -42.38	64.78 1.33 -26.11	77.99 2.09 -19.96	57.38 1.42 -14.91	82.20 2.23 -16.82	61.83 1.23 -25.59	66.71 1.69 -16.80	94.00 2.70 -20.59	148.38 4.92 -18.43	120.73 3.23 -37.07	124.42 4.08 -15.59	82.02 1.33 -47.14	76.25 1.77 -27.98	142.10 4.75 -3.23	109.32 3.39 -0.36
DERFIELD_115KV_TB7 355931	114.54 0.92 0.00	112.31 0.88 0.00	36.50 0.29 0.00	31.49 0.26 0.00	30.81 0.25 0.00	134.29 1.07 0.00	65.92 0.52 0.00	30.17 0.21 0.00	31.49 0.24 0.00	40.05 0.26 0.00	37.62 0.29 0.00	56.49 0.45 -0.10	41.60 0.33 -0.22	63.71 0.50 -0.06	35.25 0.25 0.00	48.61 0.39 0.00	71.24 0.53 0.00	126.02 1.00 0.00	81.15 0.72 0.00	105.65 0.90 0.00	33.85 0.30 0.00	46.91 0.42 0.00	135.23 1.12 0.00	106.42 0.84 0.00
DOGLEVILLE___HYD 23807	118.92 5.30 0.00	116.36 4.93 0.00	37.83 1.62 0.00	32.57 1.35 0.00	31.86 1.30 0.00	138.35 5.13 0.00	68.12 2.72 0.00	31.20 1.24 0.00	32.30 1.05 0.00	40.87 1.08 0.00	38.06 0.73 0.00	57.22 1.18 -0.10	42.31 1.04 -0.22	65.10 1.89 -0.06	35.86 0.85 0.00	49.99 1.77 0.00	73.60 2.89 0.00	130.76 5.73 0.00	84.45 4.03 0.00	109.62 4.87 0.00	35.15 1.60 0.00	48.69 2.19 0.00	140.43 6.31 0.00	110.01 4.43 0.00
DUNKIRK___115KV_TB_200 55889	91.58 -10.42 11.62	97.23 -10.56 3.63	48.42 -3.49 -15.70	37.06 -3.07 -8.90	38.40 -3.04 -10.88	98.59 -13.17 21.46	50.86 -6.05 8.50	29.17 -3.12 -2.33	35.62 -3.17 -7.53	37.27 -4.26 -1.73	34.23 -3.89 -0.79	45.85 -5.71 4.38	27.18 -4.56 9.32	43.20 -7.06 12.89	23.87 -3.92 7.22	35.97 -4.81 7.45	48.52 -6.64 15.55	94.35 -11.23 19.44	62.00 -6.92 11.51	36.84 -10.11 57.80	21.66 -3.32 8.57	31.78 -4.94 9.78	71.06 -14.58 48.47	71.37 -10.95 23.27
DUNKIRK___1 23563	91.58 -10.42 11.62	97.23 -10.56 3.63	48.42 -3.49 -15.70	37.06 -3.07 -8.90	38.40 -3.04 -10.88	98.59 -13.17 21.46	50.86 -6.05 8.50	29.17 -3.12 -2.33	35.62 -3.17 -7.53	37.27 -4.26 -1.73	34.23 -3.89 -0.79	45.85 -5.71 4.38	27.18 -4.56 9.32	43.20 -7.06 12.89	23.87 -3.92 7.22	35.97 -4.81 7.45	48.52 -6.64 15.55	94.35 -11.23 19.44	62.00 -6.92 11.51	36.84 -10.11 57.80	21.66 -3.32 8.57	31.78 -4.94 9.78	71.06 -14.58 48.47	71.37 -10.95 23.27
DUNKIRK___2 23564	91.58 -10.42 11.62	97.23 -10.56 3.63	48.42 -3.49 -15.70	37.06 -3.07 -8.90	38.40 -3.04 -10.88	98.59 -13.17 21.46	50.86 -6.05 8.50	29.17 -3.12 -2.33	35.62 -3.17 -7.53	37.27 -4.26 -1.73	34.23 -3.89 -0.79	45.85 -5.71 4.38	27.18 -4.56 9.32	43.20 -7.06 12.89	23.87 -3.92 7.22	35.97 -4.81 7.45	48.52 -6.64 15.55	94.35 -11.23 19.44	62.00 -6.92 11.51	36.84 -10.11 57.80	21.66 -3.32 8.57	31.78 -4.94 9.78	71.06 -14.58 48.47	71.37 -10.95 23.27
DUNKIRK___3 23565	92.14 -10.11 11.36	97.37 -10.22 3.85	48.34 -3.39 -15.51	37.09 -2.96 -8.82	38.32 -2.95 -10.71	99.40 -12.73 21.08	50.35 -5.89 9.15	27.39 -3.06 -0.49	34.31 -3.12 -6.17	36.07 -4.19 -0.47	33.26 -3.83 0.25	44.76 -5.58 5.60	26.87 -4.47 9.71	41.64 -6.93 14.57	22.17 -3.86 8.97	34.58 -4.76 8.88	46.33 -6.67 17.71	91.92 -11.38 21.72	59.66 -7.04 13.73	35.82 -10.05 58.87	19.64 -3.29 10.62	29.89 -4.85 11.76	69.36 -14.28 50.48	70.23 -10.68 24.67
DUNKIRK___4 23566	92.14 -10.11 11.36	97.37 -10.22 3.85	48.34 -3.39 -15.51	37.09 -2.96 -8.82	38.32 -2.95 -10.71	99.40 -12.73 21.08	50.35 -5.89 9.15	27.39 -3.06 -0.49	34.31 -3.12 -6.17	36.07 -4.19 -0.47	33.26 -3.83 0.25	44.76 -5.58 5.60	26.87 -4.47 9.71	41.64 -6.93 14.57	22.17 -3.86 8.97	34.58 -4.76 8.88	46.33 -6.67 17.71	91.92 -11.38 21.72	59.66 -7.04 13.73	35.82 -10.05 58.87	19.64 -3.29 10.62	29.89 -4.85 11.76	69.36 -14.28 50.48	70.23 -10.68 24.67
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	124.56 8.61 -2.33	130.81 8.09 -11.29	135.93 2.54 -97.17	109.60 2.18 -76.20	103.77 2.12 -71.09	145.46 9.10 -3.13	114.67 4.68 -44.59	150.96 2.16 -118.85	147.29 2.34 -113.70	140.87 3.06 -98.02	100.76 3.03 -60.39	106.69 4.58 -46.17	78.71 3.17 -34.48	106.85 4.79 -38.91	96.85 2.66 -59.19	90.76 3.68 -38.86	109.89 5.18 -34.00	154.95 9.15 -20.77	144.20 6.03 -57.75	132.33 7.72 -19.86	143.78 2.53 -107.70	110.37 3.52 -60.36	147.95 9.73 -4.11	113.31 7.31 -0.41
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	123.58 7.70 -2.26	129.65 7.28 -10.94	132.68 2.31 -94.16	107.05 1.98 -73.83	101.37 1.93 -68.89	144.55 8.29 -3.04	112.87 4.27 -43.21	147.08 1.96 -115.16	143.53 2.11 -110.17	137.48 2.71 -94.98	98.51 2.65 -58.52	104.68 4.00 -44.74	77.20 2.75 -33.41	105.00 4.15 -37.70	94.66 2.30 -57.35	89.09 3.22 -37.65	108.50 4.70 -33.09	153.96 8.56 -20.37	142.31 5.62 -56.26	131.34 7.17 -19.42	140.27 2.35 -104.37	108.26 3.24 -58.53	146.97 8.84 -4.02	112.58 6.60 -0.40

E179THST_138_KV_TB4_REV_LBMP_J 345001	124.65 8.70 -2.34	130.82 8.10 -11.29	135.94 2.55 -97.18	109.61 2.18 -76.20	103.81 2.15 -71.10	145.49 9.14 -3.13	114.69 4.70 -44.59	151.01 2.19 -118.85	147.40 2.44 -113.71	140.98 3.16 -98.03	100.82 3.09 -60.40	106.80 4.69 -46.17	78.79 3.26 -34.48	106.95 4.89 -38.91	96.92 2.72 -59.20	90.86 3.78 -38.86	109.84 5.13 -34.00	155.00 9.21 -20.77	144.35 6.17 -57.75	132.52 7.91 -19.86	143.86 2.61 -107.71	110.41 3.56 -60.36	148.04 9.82 -4.11	113.36 7.37 -0.41
E179THST_13_KV_LOAD 356214	125.19 9.24 -2.34	131.36 8.64 -11.29	136.10 2.71 -97.18	109.75 2.32 -76.20	103.94 2.29 -71.10	146.04 9.68 -3.13	114.99 5.00 -44.59	151.14 2.32 -118.85	147.54 2.58 -113.71	141.16 3.35 -98.03	101.00 3.27 -60.40	107.09 4.98 -46.17	79.00 3.47 -34.48	107.26 5.20 -38.91	97.09 2.89 -59.20	91.12 4.03 -38.86	110.21 5.49 -34.00	155.71 9.92 -20.77	144.81 6.63 -57.75	133.08 8.47 -19.86	144.04 2.79 -107.71	110.65 3.79 -60.36	148.71 10.49 -4.11	113.85 7.86 -0.41
EAST HAMPTON___GT 23717	125.92 9.97 -2.33	131.84 9.12 -11.29	136.18 2.82 -97.15	109.82 2.42 -76.18	103.95 2.32 -71.07	146.28 9.93 -3.13	114.71 4.73 -44.58	150.93 2.16 -118.81	147.38 2.47 -113.66	141.04 3.26 -97.99	125.53 3.57 -84.63	154.72 5.26 -93.53	98.05 3.44 -53.56	107.39 5.35 -38.90	96.99 2.81 -59.17	144.03 4.10 -91.71	176.12 6.37 -99.04	156.23 10.04 -21.17	152.36 7.32 -64.61	297.98 10.42 -182.82	157.27 3.29 -120.44	155.57 5.19 -103.88	155.05 14.61 -6.32	139.61 11.35 -22.68
EAST RIVER___6 23660	125.03 9.08 -2.33	131.15 8.43 -11.29	136.00 2.62 -97.17	109.67 2.25 -76.20	103.83 2.18 -71.09	145.73 9.37 -3.13	114.84 4.85 -44.59	151.05 2.24 -118.84	147.39 2.45 -113.70	141.02 3.22 -98.02	100.95 3.22 -60.39	106.99 4.88 -46.17	78.92 3.39 -34.48	107.16 5.11 -38.91	97.03 2.83 -59.19	90.98 3.90 -38.86	110.10 5.39 -34.00	155.17 9.37 -20.77	144.38 6.21 -57.75	132.53 7.92 -19.86	143.84 2.60 -107.70	110.47 3.62 -60.35	148.25 10.03 -4.11	113.54 7.55 -0.41
EAST RIVER___7 23524	125.03 9.08 -2.33	131.15 8.43 -11.29	136.00 2.62 -97.17	109.67 2.25 -76.20	103.83 2.18 -71.09	145.73 9.37 -3.13	114.84 4.85 -44.59	151.05 2.24 -118.84	147.39 2.45 -113.70	141.02 3.22 -98.02	100.95 3.22 -60.39	106.99 4.88 -46.17	78.92 3.39 -34.48	107.16 5.11 -38.91	97.03 2.83 -59.19	90.98 3.90 -38.86	110.10 5.39 -34.00	155.17 9.37 -20.77	144.38 6.21 -57.75	132.53 7.92 -19.86	143.84 2.60 -107.70	110.47 3.62 -60.35	148.25 10.03 -4.11	113.54 7.55 -0.41
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	124.21 8.27 -2.33	130.46 7.77 -11.27	135.63 2.45 -96.97	109.37 2.10 -76.04	103.54 2.04 -70.94	145.10 8.75 -3.13	114.40 4.50 -44.49	150.63 2.08 -118.59	146.96 2.25 -113.46	140.53 2.93 -97.81	100.51 2.91 -60.26	106.40 4.39 -46.07	78.49 3.03 -34.41	106.55 4.57 -38.83	96.62 2.55 -59.06	90.52 3.53 -38.77	109.62 4.98 -33.93	154.58 8.82 -20.73	143.86 5.81 -57.63	132.02 7.44 -19.82	143.46 2.45 -107.47	110.12 3.39 -60.23	147.57 9.36 -4.10	113.05 7.06 -0.41
EAST_HAMPTON___DIESEL 23722	125.56 9.61 -2.33	131.50 8.78 -11.29	136.06 2.71 -97.15	109.73 2.32 -76.18	103.86 2.23 -71.07	145.88 9.53 -3.13	114.49 4.52 -44.58	150.83 2.06 -118.81	147.29 2.37 -113.66	140.92 3.14 -97.99	125.42 3.45 -84.63	154.54 5.08 -93.53	97.93 3.32 -53.56	107.20 5.16 -38.90	96.88 2.70 -59.17	143.88 3.95 -91.71	175.90 6.15 -99.04	155.84 9.65 -21.17	152.09 7.05 -64.61	297.68 10.11 -182.82	157.17 3.20 -120.44	155.48 5.11 -103.88	154.82 14.39 -6.32	139.42 11.16 -22.68
EAST_POINT___SOLAR 323840	124.89 8.06 -3.21	134.79 7.81 -15.54	172.52 2.53 -133.78	138.27 2.13 -104.90	130.47 2.04 -97.87	146.66 9.12 -4.31	131.36 4.57 -61.39	195.71 2.14 -163.62	189.34 1.56 -156.53	176.27 1.54 -134.94	121.03 0.55 -83.15	121.14 1.64 -63.56	90.24 1.72 -47.47	119.50 2.78 -53.57	118.05 1.56 -81.49	104.38 2.66 -53.50	160.35 5.12 -84.53	227.84 10.44 -92.37	245.89 6.81 -158.65	185.48 8.53 -72.20	188.12 2.64 -151.94	145.22 3.55 -95.18	158.60 9.53 -14.95	114.41 7.13 -1.70
EAST_PULASKI___ESR 323781	110.70 -3.08 -0.17	108.92 -3.33 -0.81	42.21 -1.03 -7.03	35.92 -0.82 -5.51	34.85 -0.85 -5.14	129.44 -4.01 -0.23	66.78 -1.84 -3.22	37.80 -0.75 -8.59	38.73 -0.74 -8.22	45.76 -1.12 -7.08	40.57 -1.13 -4.37	57.32 -1.85 -3.23	41.91 -1.41 -2.26	63.83 -2.07 -2.75	38.19 -1.10 -4.28	49.59 -1.44 -2.81	70.65 -1.54 -1.48	122.98 -2.11 -0.07	81.41 -1.25 -2.23	103.66 -1.36 -0.27	40.83 -0.40 -7.69	49.71 -0.84 -4.05	131.31 -2.87 -0.06	103.19 -2.39 0.00
EAST_RIVER___1 323558	125.05 9.10 -2.33	131.21 8.49 -11.29	136.02 2.63 -97.17	109.69 2.26 -76.20	103.85 2.20 -71.09	145.77 9.42 -3.13	114.87 4.88 -44.59	151.05 2.25 -118.84	147.40 2.45 -113.70	141.02 3.22 -98.02	100.94 3.21 -60.39	106.98 4.87 -46.17	78.91 3.38 -34.48	107.16 5.10 -38.91	97.02 2.83 -59.19	90.96 3.88 -38.86	110.07 5.36 -34.00	155.13 9.33 -20.77	144.36 6.19 -57.75	132.48 7.87 -19.86	143.84 2.59 -107.70	110.47 3.62 -60.35	148.27 10.04 -4.11	113.59 7.60 -0.41
EAST_RIVER___2 323559	125.03 9.08 -2.33	131.15 8.43 -11.29	136.00 2.62 -97.17	109.67 2.25 -76.20	103.83 2.18 -71.09	145.73 9.37 -3.13	114.84 4.85 -44.59	151.05 2.24 -118.84	147.39 2.45 -113.70	141.02 3.22 -98.02	100.95 3.22 -60.39	106.99 4.88 -46.17	78.92 3.39 -34.48	107.16 5.11 -38.91	97.03 2.83 -59.19	90.98 3.90 -38.86	110.10 5.39 -34.00	155.17 9.37 -20.77	144.38 6.21 -57.75	132.53 7.92 -19.86	143.84 2.60 -107.70	110.47 3.62 -60.35	148.25 10.03 -4.11	113.54 7.55 -0.41
EAST___DELAWARE_HYD 23607	121.32 5.58 -2.13	127.01 5.27 -10.31	126.57 1.65 -88.71	102.21 1.42 -69.56	96.83 1.38 -64.90	142.07 5.98 -2.86	109.24 3.13 -40.71	139.95 1.50 -108.49	136.65 1.61 -103.79	131.26 1.99 -89.48	94.31 1.84 -55.13	100.91 2.83 -42.15	74.41 1.88 -31.48	101.47 2.80 -35.52	90.57 1.53 -54.03	85.82 2.13 -35.47	105.83 3.39 -31.73	151.72 6.58 -20.12	138.94 4.35 -54.16	129.26 5.56 -18.95	133.72 1.79 -98.38	104.22 2.40 -55.32	144.48 6.44 -3.92	110.54 4.57 -0.39
EIGHT_POINT___WT_PWR 323820	75.00 -12.02 26.59	105.29 -10.44 -4.31	51.49 -3.30 -18.57	35.34 -2.99 -7.10	41.95 -2.94 -14.34	74.75 -13.92 44.55	76.30 -5.26 -16.16	105.81 -2.05 -77.90	91.15 -2.06 -61.96	88.54 -3.15 -51.90	77.91 -3.09 -43.67	98.61 -4.67 -47.33	40.11 -4.61 -3.68	116.65 -6.20 -59.70	99.87 -2.89 -67.75	99.30 -3.38 -54.47	145.75 -3.82 -78.87	201.02 -5.38 -81.38	161.25 -3.24 -84.07	75.52 -4.96 24.28	106.80 -1.70 -74.95	118.91 -2.82 -75.23	159.06 -8.98 -33.93	135.10 -7.86 -37.38
ELBRIDGE_115KV_TB2 80188	111.49 -2.37 -0.25	110.32 -2.33 -1.22	45.91 -0.75 -10.45	38.87 -0.56 -8.20	37.60 -0.61 -7.65	130.78 -2.78 -0.34	68.85 -1.35 -4.79	42.22 -0.53 -12.78	42.97 -0.51 -12.23	49.47 -0.86 -10.54	43.05 -0.78 -6.50	59.73 -1.18 -4.97	43.77 -0.99 -3.71	65.84 -1.50 -4.18	40.58 -0.79 -6.37	51.49 -0.92 -4.18	71.69 -1.22 -2.20	123.22 -1.91 -0.10	82.57 -1.18 -3.32	103.41 -1.74 -0.40	44.50 -0.49 -11.44	51.72 -0.80 -6.03	131.52 -2.68 -0.08	103.29 -2.29 0.00
ELEC_TRO_TEK 24086	125.68 9.74 -2.33	131.90 9.18 -11.29	136.22 2.87 -97.15	109.88 2.47 -76.18	104.02 2.40 -71.07	146.53 10.17 -3.13	115.13 5.16 -44.58	151.11 2.34 -118.81	147.49 2.57 -113.66	141.14 3.36 -97.99	125.43 3.47 -84.63	154.72 5.25 -93.53	98.18 3.57 -53.56	107.48 5.44 -38.90	97.18 3.00 -59.17	144.17 4.24 -91.71	175.80 6.05 -99.04	156.66 10.47 -21.17	151.94 6.91 -64.61	296.60 9.03 -182.82	156.91 2.93 -120.44	154.45 4.08 -103.88	151.68 11.24 -6.32	136.84 8.58 -22.68

ELLENBURG_WT_PWR 323604	111.62 -1.99 0.00	109.58 -1.85 0.00	35.38 -0.83 0.00	30.35 -0.88 0.00	29.71 -0.85 0.00	129.15 -4.07 0.00	63.18 -2.22 0.00	28.92 -1.04 0.00	30.08 -1.18 0.00	38.35 -1.44 0.00	11.06 -1.53 24.74	29.05 -2.40 24.49	-12.49 -1.66 51.89	-16.63 -2.58 77.19	33.83 -1.18 0.00	46.93 -1.30 0.00	70.03 -0.68 0.00	123.55 -1.48 0.00	78.59 -1.84 0.00	101.99 -2.76 0.00	32.36 -1.19 0.00	45.08 -1.41 0.00	132.29 -1.82 0.00	104.27 -1.31 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	93.23 -9.65 10.73	97.95 -9.74 3.75	48.08 -3.21 -15.08	37.09 -2.80 -8.66	38.18 -2.79 -10.41	101.08 -12.18 19.96	50.74 -5.72 8.95	26.87 -3.01 0.08	33.77 -3.08 -5.60	35.75 -4.18 -0.14	33.00 -3.77 0.56	44.58 -5.53 5.82	27.23 -4.45 9.37	41.50 -6.96 14.68	21.80 -3.92 9.28	34.23 -4.89 9.10	45.59 -7.16 17.95	90.59 -12.53 21.90	58.44 -7.88 14.11	37.09 -10.76 56.90	19.28 -3.41 10.85	29.49 -4.93 12.08	70.41 -14.36 49.35	70.70 -10.55 24.33
EMPIRE_CC_1 323656	122.13 5.76 -2.75	130.23 5.50 -13.30	152.42 1.76 -114.44	122.52 1.55 -89.74	115.78 1.49 -83.73	143.31 6.40 -3.69	121.13 3.21 -52.52	171.34 1.41 -139.97	166.66 1.50 -133.91	157.13 1.89 -115.44	110.29 1.83 -71.13	113.07 2.75 -54.38	83.66 2.01 -40.61	111.98 3.01 -45.82	106.42 1.71 -69.71	96.47 2.48 -45.76	121.28 3.54 -47.03	167.20 6.00 -36.17	166.99 3.95 -82.62	141.51 5.06 -31.70	162.72 1.65 -127.52	122.14 2.32 -73.32	147.34 6.66 -6.56	111.53 5.26 -0.69
EMPIRE_CC_2 323658	122.13 5.76 -2.75	130.23 5.50 -13.30	152.42 1.76 -114.44	122.52 1.55 -89.74	115.78 1.49 -83.73	143.31 6.40 -3.69	121.13 3.21 -52.52	171.34 1.41 -139.97	166.66 1.50 -133.91	157.13 1.89 -115.44	110.29 1.83 -71.13	113.07 2.75 -54.38	83.66 2.01 -40.61	111.98 3.01 -45.82	106.42 1.71 -69.71	96.47 2.48 -45.76	121.28 3.54 -47.03	167.20 6.00 -36.17	166.99 3.95 -82.62	141.51 5.06 -31.70	162.72 1.65 -127.52	122.14 2.32 -73.32	147.34 6.66 -6.56	111.53 5.26 -0.69
ENORWICH_115KV_TB1 80156	137.08 5.45 -18.02	124.23 4.62 -8.18	68.42 1.31 -30.89	61.36 1.05 -29.08	54.71 1.16 -22.99	171.16 6.29 -31.65	95.40 2.94 -27.06	72.27 1.31 -40.99	69.50 1.12 -37.13	77.62 1.05 -36.78	58.37 0.75 -20.28	73.84 0.92 -16.98	67.34 0.81 -25.47	82.59 1.06 -18.39	57.67 0.99 -21.66	64.76 2.06 -14.48	92.13 5.17 -16.25	148.51 9.84 -13.65	113.04 6.90 -25.72	186.21 9.15 -72.31	83.06 3.16 -46.35	74.20 4.03 -23.67	184.83 10.57 -40.15	126.14 7.08 -13.47
ERIE_ST__34_KV_TB1-2 80199	94.34 -7.98 11.29	99.99 -8.09 3.35	49.14 -2.78 -15.70	37.81 -2.42 -9.00	39.05 -2.43 -10.92	102.24 -10.16 20.83	52.98 -4.74 7.68	30.98 -2.62 -3.64	37.00 -2.67 -8.42	38.89 -3.61 -2.71	35.58 -3.26 -1.51	47.80 -4.67 3.46	28.64 -3.78 8.63	45.85 -5.80 11.50	25.73 -3.37 5.90	37.79 -4.06 6.37	51.10 -5.74 13.87	97.42 -9.97 17.64	64.43 -6.25 9.74	41.17 -8.68 54.90	23.90 -2.83 6.81	34.18 -4.06 8.26	76.74 -11.63 45.75	75.20 -8.57 21.82
ERIE_WT_PWR 323693	93.17 -9.30 11.15	98.40 -9.36 3.67	48.55 -3.11 -15.45	37.36 -2.71 -8.83	38.54 -2.70 -10.69	100.64 -11.91 20.67	51.24 -5.50 8.67	28.28 -2.91 -1.23	34.94 -2.97 -6.66	36.77 -4.04 -1.02	33.93 -3.57 -0.17	45.58 -5.31 5.05	27.46 -4.30 9.30	42.78 -6.64 13.73	23.04 -3.78 8.18	35.31 -4.68 8.23	47.39 -6.64 16.68	92.79 -11.64 20.60	60.33 -7.40 12.70	37.56 -10.12 57.06	20.71 -3.25 9.58	30.95 -4.70 10.85	71.58 -13.77 48.76	71.76 -10.07 23.75
ESPRGFLD_115KV_TB1 80157	117.41 3.79 0.00	115.20 3.77 0.00	37.42 1.22 0.00	32.23 1.00 0.00	31.49 0.93 0.00	137.52 4.30 0.00	67.55 2.16 0.00	31.00 1.04 0.00	32.20 0.94 0.00	40.92 1.13 0.00	38.16 0.82 0.00	57.34 1.40 0.00	42.06 1.01 0.00	64.72 1.58 0.00	35.89 0.88 0.00	49.53 1.31 0.00	114.96 2.60 -41.65	197.41 5.41 -66.97	169.74 3.63 -85.68	158.80 4.52 -49.53	39.03 1.43 -4.05	61.73 1.89 -13.34	149.12 4.75 -10.26	110.04 3.20 -1.26
ETNA_115_KV_TB1_REV_LBMP_C 345029	157.32 0.63 -43.07	125.62 0.49 -13.70	60.08 0.16 -23.71	61.93 0.16 -30.54	48.96 0.15 -18.26	209.85 0.56 -76.07	107.26 0.35 -41.51	64.79 0.22 -34.61	60.06 0.24 -28.57	75.99 0.06 -36.15	53.32 -0.12 -16.10	71.08 -0.18 -15.33	84.24 -0.17 -43.36	84.81 -0.29 -21.96	54.03 -0.11 -19.13	61.13 0.10 -12.81	85.68 0.77 -14.21	138.93 1.95 -11.96	101.77 1.42 -19.93	265.50 1.65 -159.10	87.00 0.60 -52.85	68.85 0.68 -21.67	227.51 1.49 -91.91	136.87 0.71 -30.58
ETNA____115KV_TB2 80207	157.32 0.63 -43.07	125.62 0.49 -13.70	60.08 0.16 -23.71	61.93 0.16 -30.54	48.96 0.15 -18.26	209.85 0.56 -76.07	107.26 0.35 -41.51	64.79 0.22 -34.61	60.06 0.24 -28.57	75.99 0.06 -36.15	53.32 -0.12 -16.10	71.08 -0.18 -15.33	84.24 -0.17 -43.36	84.81 -0.29 -21.96	54.03 -0.11 -19.13	61.13 0.10 -12.81	85.68 0.77 -14.21	138.93 1.95 -11.96	101.77 1.42 -19.93	265.50 1.65 -159.10	87.00 0.60 -52.85	68.85 0.68 -21.67	227.51 1.49 -91.91	136.87 0.71 -30.58
EUCLID____115KV_TB2 356179	110.91 -2.91 -0.20	109.45 -2.94 -0.95	43.50 -0.93 -8.22	36.95 -0.73 -6.45	35.82 -0.75 -6.01	129.93 -3.56 -0.27	67.50 -1.67 -3.77	39.28 -0.73 -10.05	40.16 -0.71 -9.62	47.01 -1.07 -8.29	41.46 -0.98 -5.11	58.35 -1.49 -3.91	42.81 -1.16 -2.92	64.64 -1.80 -3.29	39.05 -0.96 -5.01	50.30 -1.20 -3.29	70.81 -1.62 -1.73	122.36 -2.74 -0.08	81.30 -1.74 -2.61	102.68 -2.39 -0.32	41.84 -0.70 -9.00	50.13 -1.10 -4.74	130.67 -3.51 -0.06	102.70 -2.88 0.00
E_CANADA_CAP_HY 24051	122.02 5.07 -3.34	132.54 4.96 -16.15	176.79 1.60 -138.98	141.55 1.34 -108.98	133.48 1.24 -101.67	143.29 5.58 -4.48	131.98 2.81 -63.77	201.23 1.29 -169.97	194.92 1.06 -162.61	181.15 1.17 -140.19	124.36 0.65 -86.38	123.19 1.22 -66.03	91.42 1.06 -49.31	120.51 1.71 -55.65	120.60 0.94 -84.66	105.29 1.50 -55.57	155.55 2.88 -81.96	217.58 6.14 -86.42	237.20 4.06 -152.71	177.94 5.15 -68.04	192.39 1.57 -157.28	145.68 2.18 -97.00	153.98 5.77 -14.09	111.37 4.20 -1.59
E_CANADA_MHWK_HY 24050	118.92 5.30 0.00	116.36 4.93 0.00	37.83 1.62 0.00	32.57 1.35 0.00	31.86 1.30 0.00	138.35 5.13 0.00	68.12 2.72 0.00	31.20 1.24 0.00	32.30 1.05 0.00	40.87 1.08 0.00	38.06 0.73 0.00	57.22 1.18 -0.10	42.31 1.04 -0.22	65.10 1.89 -0.06	35.86 0.85 0.00	49.99 1.77 0.00	73.60 2.89 0.00	130.76 5.73 0.00	84.45 4.03 0.00	109.62 4.87 0.00	35.15 1.60 0.00	48.69 2.19 0.00	140.43 6.31 0.00	110.01 4.43 0.00
E_FISHKILL____LBMP 23776	123.57 7.58 -2.38	130.10 7.15 -11.52	137.66 2.27 -99.18	110.95 1.95 -77.77	105.02 1.90 -72.56	144.58 8.15 -3.20	115.06 4.15 -45.51	153.16 1.91 -121.30	149.36 2.07 -116.05	142.51 2.67 -100.04	101.62 2.64 -61.64	107.03 3.97 -47.12	78.99 2.75 -35.19	107.03 4.16 -39.71	97.73 2.31 -60.41	91.11 3.23 -39.66	109.99 4.60 -34.69	154.38 8.19 -21.17	144.70 5.38 -58.90	131.88 6.88 -20.25	145.73 2.26 -109.92	111.21 3.12 -61.60	146.94 8.63 -4.19	112.53 6.53 -0.42
FALCON____SEABRD_CC1 323796	113.28 -0.34 0.00	111.19 -0.24 0.00	35.94 -0.27 0.00	30.78 -0.45 0.00	30.10 -0.46 0.00	130.34 -2.89 0.00	63.74 -1.66 0.00	29.19 -0.77 0.00	30.36 -0.89 0.00	38.65 -1.14 0.00	9.52 -1.31 26.50	27.75 -2.09 26.10	-15.67 -1.43 55.30	-21.69 -2.22 82.62	34.10 -0.91 0.00	47.30 -0.92 0.00	70.86 0.16 0.00	124.99 -0.03 0.00	79.58 -0.84 0.00	103.10 -1.65 0.00	32.71 -0.84 0.00	45.45 -1.05 0.00	133.46 -0.66 0.00	105.70 0.12 0.00

FALCON___SEABRD_CC2 323797	113.28 -0.34 0.00	111.19 -0.24 0.00	35.94 -0.27 0.00	30.78 -0.45 0.00	30.10 -0.46 0.00	130.34 -2.89 0.00	63.74 -1.66 0.00	29.19 -0.77 0.00	30.36 -0.89 0.00	38.65 -1.14 0.00	9.52 -1.31 26.50	27.75 -2.09 26.10	-15.67 -1.43 55.30	-21.69 -2.22 82.62	34.10 -0.91 0.00	47.30 -0.92 0.00	70.86 0.16 0.00	124.99 -0.03 0.00	79.58 -0.84 0.00	103.10 -1.65 0.00	32.71 -0.84 0.00	45.45 -1.05 0.00	133.46 -0.66 0.00	105.70 0.12 0.00
FAR ROCKAWAY___4 23548	126.98 11.03 -2.33	133.11 10.39 -11.29	136.61 3.26 -97.15	110.20 2.79 -76.18	104.35 2.72 -71.07	147.91 11.56 -3.13	115.80 5.82 -44.58	151.42 2.65 -118.81	147.82 2.91 -113.66	141.58 3.79 -97.99	125.84 3.88 -84.63	155.34 5.87 -93.53	98.62 4.01 -53.56	108.20 6.16 -38.90	97.57 3.39 -59.17	144.71 4.78 -91.71	176.58 6.83 -99.04	158.21 12.02 -21.17	153.03 7.99 -64.61	297.96 10.39 -182.82	157.34 3.36 -120.44	155.01 4.64 -103.88	153.28 12.84 -6.32	137.99 9.73 -22.68
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	125.11 9.16 -2.33	131.25 8.52 -11.29	136.05 2.66 -97.17	109.71 2.28 -76.20	103.86 2.21 -71.09	145.89 9.53 -3.13	114.91 4.92 -44.59	151.07 2.27 -118.84	147.42 2.47 -113.70	141.05 3.24 -98.02	100.97 3.24 -60.39	107.02 4.91 -46.17	78.93 3.40 -34.48	107.19 5.13 -38.91	97.04 2.84 -59.19	90.98 3.90 -38.86	110.10 5.39 -34.00	155.16 9.36 -20.77	144.38 6.20 -57.75	132.53 7.92 -19.86	143.85 2.60 -107.70	110.48 3.63 -60.35	148.32 10.10 -4.11	113.66 7.67 -0.41
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	125.19 9.24 -2.33	131.33 8.61 -11.29	136.06 2.67 -97.17	109.73 2.30 -76.20	103.88 2.23 -71.09	145.95 9.59 -3.13	114.95 4.96 -44.59	151.09 2.29 -118.84	147.44 2.48 -113.70	141.07 3.26 -98.02	100.99 3.26 -60.39	107.05 4.94 -46.17	78.96 3.43 -34.48	107.23 5.17 -38.91	97.06 2.86 -59.19	91.01 3.93 -38.86	110.14 5.43 -34.00	155.25 9.46 -20.77	144.44 6.26 -57.75	132.59 7.97 -19.86	143.87 2.63 -107.70	110.52 3.67 -60.35	148.40 10.18 -4.11	113.72 7.73 -0.41
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	125.05 9.10 -2.33	131.22 8.50 -11.29	136.02 2.63 -97.17	109.69 2.27 -76.20	103.85 2.20 -71.09	145.82 9.46 -3.13	114.88 4.89 -44.59	151.06 2.26 -118.84	147.40 2.45 -113.70	141.02 3.21 -98.02	100.94 3.21 -60.39	106.98 4.88 -46.17	78.91 3.38 -34.48	107.16 5.10 -38.91	97.02 2.83 -59.19	90.94 3.87 -38.86	110.07 5.36 -34.00	155.10 9.30 -20.77	144.32 6.14 -57.75	132.46 7.85 -19.86	143.82 2.58 -107.70	110.46 3.61 -60.35	148.26 10.04 -4.11	113.60 7.61 -0.41
FARRAGUT___LBMP 323566	124.96 9.01 -2.33	131.13 8.41 -11.29	136.00 2.61 -97.17	109.67 2.24 -76.20	103.83 2.18 -71.09	145.73 9.37 -3.13	114.82 4.83 -44.59	151.03 2.23 -118.84	147.37 2.42 -113.70	140.99 3.18 -98.02	100.92 3.19 -60.39	106.95 4.84 -46.17	78.88 3.34 -34.48	107.10 5.04 -38.91	97.00 2.80 -59.19	90.91 3.83 -38.86	110.00 5.29 -34.00	154.99 9.20 -20.77	144.24 6.07 -57.75	132.37 7.76 -19.86	143.80 2.55 -107.70	110.43 3.58 -60.35	148.14 9.91 -4.11	113.51 7.52 -0.41
FENNER___WINDPWR 24204	122.93 0.91 -8.41	115.70 0.93 -3.34	48.55 0.33 -12.01	43.23 0.30 -11.70	39.80 0.30 -8.94	149.20 1.25 -14.73	77.03 0.70 -10.94	45.16 0.36 -14.84	45.21 0.39 -13.57	53.92 0.32 -13.81	44.81 0.27 -7.21	62.22 0.44 -5.84	52.01 0.33 -10.63	69.70 0.30 -6.25	42.48 0.20 -7.28	53.33 0.44 -4.67	74.37 1.22 -2.45	127.53 2.39 -0.11	85.72 1.61 -3.68	135.63 2.07 -28.81	51.35 0.70 -17.11	54.50 0.83 -7.18	152.11 1.97 -16.03	111.80 1.28 -4.94
FIBERTEK___ENERGY 23856	112.15 -1.70 -0.24	110.87 -1.71 -1.15	45.53 -0.54 -9.86	38.57 -0.39 -7.73	37.34 -0.43 -7.21	131.43 -2.12 -0.32	68.95 -0.97 -4.52	41.65 -0.37 -12.06	42.43 -0.35 -11.53	49.11 -0.63 -9.95	42.89 -0.57 -6.13	59.76 -0.86 -4.68	43.82 -0.73 -3.50	65.99 -1.10 -3.95	40.44 -0.57 -6.01	51.54 -0.62 -3.94	72.03 -0.75 -2.08	124.00 -1.12 -0.09	82.87 -0.68 -3.13	104.08 -1.05 -0.38	44.07 -0.27 -10.79	51.66 -0.52 -5.68	132.30 -1.90 -0.08	103.89 -1.70 0.00
FITZPATRICK___ 23598	109.32 -4.43 -0.14	107.70 -4.41 -0.67	40.61 -1.40 -5.80	34.65 -1.12 -4.55	33.65 -1.15 -4.24	128.11 -5.30 -0.19	65.50 -2.56 -2.66	35.93 -1.12 -7.09	36.91 -1.12 -6.78	44.05 -1.59 -5.85	39.48 -1.45 -3.60	56.45 -2.25 -2.75	41.43 -1.68 -2.06	62.84 -2.62 -2.32	37.11 -1.43 -3.53	48.68 -1.86 -2.32	69.27 -2.65 -1.22	120.47 -4.61 -0.06	79.33 -2.93 -1.84	101.01 -3.96 -0.22	38.69 -1.21 -6.35	48.06 -1.77 -3.34	128.77 -5.39 -0.05	101.32 -4.26 0.00
FLOWRFLD_69_KV_BK1 356044	127.29 11.34 -2.33	133.37 10.65 -11.29	136.68 3.32 -97.15	110.28 2.87 -76.18	104.41 2.79 -71.07	148.11 11.75 -3.13	115.72 5.75 -44.58	151.41 2.65 -118.81	147.84 2.92 -113.66	141.61 3.83 -97.99	126.04 4.07 -84.63	155.59 6.13 -93.53	98.75 4.14 -53.56	108.33 6.28 -38.90	97.59 3.41 -59.17	144.81 4.88 -91.71	176.97 7.22 -99.04	158.32 12.13 -21.17	153.26 8.22 -64.61	298.36 10.79 -182.82	157.45 3.47 -120.44	155.21 4.84 -103.88	153.80 13.36 -6.32	138.47 10.20 -22.68
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	125.21 9.24 -2.34	131.53 8.76 -11.33	136.54 2.79 -97.55	110.11 2.39 -76.49	104.25 2.32 -71.36	146.43 10.06 -3.15	115.29 5.14 -44.76	151.62 2.37 -119.30	147.92 2.54 -114.13	141.43 3.25 -98.39	101.10 3.14 -60.62	107.03 4.75 -46.35	78.98 3.31 -34.61	107.22 5.01 -39.06	97.20 2.77 -59.42	91.13 3.90 -39.01	110.72 5.74 -34.27	156.47 10.37 -21.08	145.49 6.81 -58.25	133.52 8.68 -20.10	144.49 2.82 -108.13	110.98 3.86 -60.63	148.91 10.64 -4.16	113.98 7.99 -0.42
FORT ORANGE___ 23900	121.47 5.02 -2.84	129.93 4.79 -13.71	155.70 1.48 -118.00	125.12 1.36 -92.53	118.23 1.34 -86.33	142.49 5.46 -3.81	122.15 2.60 -54.15	175.28 1.00 -144.32	170.36 1.04 -138.07	160.09 1.27 -119.03	111.91 1.24 -73.34	113.81 1.80 -56.07	84.28 1.36 -41.87	112.41 2.01 -47.25	108.08 1.19 -71.88	97.26 1.85 -47.19	132.41 2.55 -59.15	184.72 4.55 -55.15	190.82 2.93 -107.47	153.77 3.66 -45.36	167.26 1.19 -132.52	127.25 1.75 -79.01	148.87 5.36 -9.39	111.61 4.99 -1.04
FORT_DRUM_COGEN 23780	112.40 -1.33 -0.12	109.83 -2.16 -0.56	40.32 -0.73 -4.83	34.39 -0.63 -3.79	33.51 -0.59 -3.54	130.67 -2.72 -0.16	66.33 -1.29 -2.22	35.44 -0.43 -5.91	36.51 -0.40 -5.66	43.94 -0.72 -4.88	39.23 -1.11 -3.00	55.82 -2.07 -1.95	40.37 -1.64 -0.96	62.84 -2.04 -1.73	36.79 -1.16 -2.94	48.60 -1.56 -1.93	71.27 -0.46 -1.02	126.53 1.46 -0.05	83.16 1.20 -1.54	108.01 3.07 -0.19	39.64 0.81 -5.29	49.73 0.44 -2.79	135.27 1.12 -0.04	106.44 0.86 0.00
FOX_HILLS___ESR 323835	271.90 9.34 -148.95	179.31 8.72 -59.16	163.61 2.73 -124.66	137.02 2.34 -103.46	131.00 2.29 -98.15	172.02 9.85 -28.95	115.05 5.06 -44.59	158.09 2.33 -125.80	168.42 2.53 -134.64	169.41 3.23 -126.38	1037.40 3.27 -996.80	475.25 4.98 -414.34	151.79 3.47 -107.27	548.70 5.21 -480.34	125.90 2.90 -87.99	142.81 3.94 -90.66	117.27 5.31 -41.25	155.31 9.51 -20.77	144.51 6.33 -57.75	132.71 8.10 -19.86	148.19 2.64 -112.00	151.53 3.69 -101.35	1447.60 10.28 -1303.21	707.42 7.79 -594.04
FPL FAR_ROCK_GT1 24212	126.98 11.03 -2.33	133.11 10.39 -11.29	136.61 3.26 -97.15	110.20 2.79 -76.18	104.35 2.72 -71.07	147.91 11.55 -3.13	115.80 5.82 -44.58	151.42 2.65 -118.81	147.83 2.91 -113.66	141.58 3.80 -97.99	125.85 3.88 -84.63	155.33 5.87 -93.53	98.62 4.01 -53.56	108.20 6.15 -38.90	97.57 3.39 -59.17	144.71 4.79 -91.71	176.58 6.83 -99.04	158.20 12.01 -21.17	153.02 7.99 -64.61	297.98 10.41 -182.82	157.35 3.37 -120.44	155.01 4.64 -103.88	153.28 12.85 -6.32	137.98 9.72 -22.68

FPL FAR_ROCK_GT2 23815	126.98 11.03 -2.33	133.11 10.39 -11.29	136.61 3.26 -97.15	110.20 2.79 -76.18	104.35 2.72 -71.07	147.91 11.55 -3.13	115.80 5.82 -44.58	151.42 2.65 -118.81	147.83 2.91 -113.66	141.58 3.80 -97.99	125.85 3.88 -84.63	155.33 5.87 -93.53	98.62 4.01 -53.56	108.20 6.15 -38.90	97.57 3.39 -59.17	144.71 4.79 -91.71	176.58 6.83 -99.04	158.20 12.01 -21.17	153.02 7.99 -64.61	297.98 10.41 -182.82	157.35 3.37 -120.44	155.01 4.64 -103.88	153.28 12.85 -6.32	137.98 9.72 -22.68
FRANKLIN_FALL_HYD 24054	113.87 0.25 0.00	111.66 0.22 0.00	36.10 -0.11 0.00	30.97 -0.25 0.00	30.35 -0.21 0.00	131.99 -1.24 0.00	64.54 -0.85 0.00	29.58 -0.38 0.00	30.80 -0.45 0.00	39.27 -0.53 0.00	38.40 -0.65 -1.71	54.72 -1.14 0.08	40.00 -0.74 0.32	66.24 -1.20 -4.29	34.48 -0.53 0.00	47.81 -0.41 0.00	71.63 0.92 0.00	126.13 1.11 0.00	80.30 -0.12 0.00	104.45 -0.30 0.00	33.10 -0.44 0.00	46.06 -0.43 0.00	134.79 0.67 0.00	106.23 0.64 0.00
FREEPORT_EQUUS_GT1 23764	126.30 10.35 -2.33	132.44 9.72 -11.29	136.39 3.04 -97.15	110.01 2.61 -76.18	104.16 2.54 -71.07	147.08 10.72 -3.13	115.38 5.40 -44.58	151.22 2.45 -118.81	147.64 2.72 -113.66	141.34 3.56 -97.99	125.65 3.69 -84.63	155.03 5.57 -93.53	98.39 3.79 -53.56	107.80 5.75 -38.90	97.35 3.17 -59.17	144.43 4.50 -91.71	176.26 6.51 -99.04	157.05 10.86 -21.17	152.25 7.21 -64.61	297.01 9.44 -182.82	157.07 3.09 -120.44	154.77 4.40 -103.88	152.54 12.10 -6.32	137.47 9.20 -22.68
FREEPORT___CT2 23818	126.30 10.35 -2.33	132.44 9.72 -11.29	136.39 3.04 -97.15	110.01 2.61 -76.18	104.16 2.54 -71.07	147.08 10.72 -3.13	115.38 5.40 -44.58	151.22 2.45 -118.81	147.64 2.72 -113.66	141.34 3.56 -97.99	125.65 3.69 -84.63	155.03 5.57 -93.53	98.39 3.79 -53.56	107.80 5.75 -38.90	97.35 3.17 -59.17	144.43 4.50 -91.71	176.26 6.51 -99.04	157.05 10.86 -21.17	152.25 7.21 -64.61	297.01 9.44 -182.82	157.07 3.09 -120.44	154.77 4.40 -103.88	152.54 12.10 -6.32	137.47 9.20 -22.68
FRESHKLS_33_KV_LOAD 356253	271.77 9.20 -148.95	179.23 8.64 -59.16	163.58 2.71 -124.66	137.01 2.32 -103.46	130.99 2.28 -98.15	171.93 9.76 -28.95	115.02 5.03 -44.59	158.06 2.31 -125.80	168.37 2.48 -134.64	169.32 3.15 -126.38	1037.32 3.19 -996.80	475.14 4.87 -414.34	151.71 3.39 -107.27	548.57 5.08 -480.34	125.83 2.83 -87.99	142.70 3.82 -90.66	117.09 5.13 -41.25	155.12 9.32 -20.77	144.39 6.21 -57.75	132.53 7.92 -19.86	148.12 2.57 -112.00	151.46 3.61 -101.35	1447.35 10.03 -1303.21	707.26 7.64 -594.04
FULTON COGEN____ 23766	110.63 -3.17 -0.18	109.11 -3.22 -0.89	42.89 -1.02 -7.70	36.46 -0.81 -6.04	35.36 -0.83 -5.63	129.58 -3.89 -0.25	67.11 -1.82 -3.53	38.61 -0.77 -9.42	39.52 -0.74 -9.01	46.45 -1.11 -7.77	41.12 -1.00 -4.79	58.09 -1.50 -3.66	42.64 -1.14 -2.73	64.43 -1.80 -3.08	38.75 -0.95 -4.69	50.12 -1.18 -3.08	70.73 -1.60 -1.62	122.43 -2.66 -0.07	81.21 -1.66 -2.45	102.72 -2.33 -0.30	41.30 -0.68 -8.43	49.84 -1.10 -4.44	130.60 -3.57 -0.06	102.60 -2.98 0.00
FULTON___LFGE 323630	123.86 7.06 -3.18	133.65 6.83 -15.39	170.89 2.21 -132.47	136.98 1.88 -103.88	129.26 1.79 -96.92	145.46 7.96 -4.27	130.17 3.98 -60.79	193.84 1.86 -162.01	187.79 1.54 -155.00	174.97 1.56 -133.62	120.73 1.07 -82.33	120.63 1.75 -62.94	89.59 1.53 -47.00	118.94 2.75 -53.04	116.91 1.21 -80.69	103.43 2.24 -52.97	160.26 4.38 -85.17	227.78 8.89 -93.86	246.36 5.78 -160.15	185.34 7.35 -73.24	186.42 2.28 -150.60	144.29 3.08 -94.72	157.60 8.32 -15.17	113.49 6.17 -1.73
G.F.CEMENT___DRP 24184	128.26 11.70 -2.94	136.69 11.03 -14.23	162.32 3.60 -122.51	130.36 3.07 -96.06	123.19 3.01 -89.62	150.36 13.18 -3.95	128.15 6.53 -56.21	182.84 3.05 -149.83	177.79 3.20 -143.34	167.09 3.72 -123.57	116.76 3.29 -76.14	119.08 4.94 -58.21	88.22 3.70 -43.47	117.82 5.62 -49.05	112.76 3.13 -74.62	102.20 4.99 -48.99	162.07 7.69 -83.67	233.38 13.78 -94.58	247.59 9.03 -158.14	189.83 11.51 -73.57	176.96 3.67 -139.74	140.56 4.90 -89.17	162.93 13.58 -15.24	117.89 10.56 -1.75
GARDENVILLE___LBMP 24039	92.90 -9.56 11.16	97.66 -9.65 4.12	48.38 -3.19 -15.35	37.19 -2.79 -8.75	38.33 -2.78 -10.55	100.29 -12.12 20.81	49.74 -5.65 10.01	25.29 -2.97 1.70	32.82 -3.02 -4.59	34.64 -4.11 1.04	32.14 -3.72 1.47	43.42 -5.45 7.07	26.41 -4.38 10.26	39.68 -6.82 16.65	20.09 -3.83 11.09	32.84 -4.76 10.62	43.46 -6.90 20.35	88.50 -12.01 24.51	56.48 -7.53 16.41	33.85 -10.34 60.56	17.13 -3.30 13.11	27.53 -4.80 14.17	66.95 -13.99 53.17	68.78 -10.33 26.47
GARDNVLA_35_KV_LD 355827	93.36 -9.10 11.15	98.71 -9.21 3.51	48.65 -3.05 -15.48	37.42 -2.68 -8.86	38.63 -2.66 -10.74	100.96 -11.64 20.62	51.79 -5.44 8.16	29.42 -2.86 -2.33	35.76 -2.92 -7.43	37.60 -3.98 -1.79	34.52 -3.59 -0.78	46.38 -5.26 4.30	27.87 -4.24 8.94	43.90 -6.61 12.64	24.18 -3.72 7.10	36.26 -4.62 7.33	48.71 -6.68 15.31	94.25 -11.63 19.14	61.89 -7.28 11.25	38.99 -9.99 55.76	22.10 -3.18 8.26	32.25 -4.64 9.61	73.46 -13.54 47.12	72.86 -9.98 22.74
GELCKHM___115KV_LOAD 80723	111.41 -2.42 -0.21	109.98 -2.48 -1.02	44.25 -0.78 -8.82	37.55 -0.60 -6.91	36.38 -0.63 -6.45	130.49 -3.02 -0.28	68.04 -1.41 -4.05	40.16 -0.58 -10.78	40.99 -0.57 -10.31	47.78 -0.90 -8.89	41.98 -0.83 -5.48	58.87 -1.26 -4.19	43.19 -0.99 -3.13	65.14 -1.54 -3.53	39.56 -0.82 -5.37	50.75 -0.99 -3.52	71.28 -1.29 -1.86	122.99 -2.12 -0.08	81.89 -1.33 -2.80	103.22 -1.87 -0.34	42.66 -0.53 -9.65	50.71 -0.87 -5.08	131.30 -2.88 -0.07	103.15 -2.43 0.00
GENERAL___MILLS 23808	93.23 -9.24 11.15	98.42 -9.34 3.67	48.57 -3.10 -15.45	37.35 -2.71 -8.83	38.54 -2.70 -10.69	100.81 -11.74 20.67	51.25 -5.48 8.67	28.30 -2.89 -1.23	34.95 -2.95 -6.66	36.79 -4.02 -1.02	33.87 -3.63 -0.17	45.57 -5.32 5.05	27.47 -4.28 9.30	42.75 -6.67 13.73	23.07 -3.75 8.18	35.33 -4.67 8.23	47.29 -6.74 16.68	92.67 -11.75 20.60	60.36 -7.36 12.70	37.59 -10.10 57.06	20.74 -3.22 9.58	30.96 -4.69 10.85	71.68 -13.67 48.76	71.75 -10.07 23.75
GE_PLASTICS___DRP 24183	120.77 4.32 -2.83	129.27 4.14 -13.70	155.44 1.31 -117.92	124.88 1.19 -92.47	117.99 1.16 -86.27	141.82 4.79 -3.80	121.93 2.42 -54.11	175.22 1.04 -144.22	170.32 1.10 -137.97	160.12 1.39 -118.95	112.00 1.38 -73.29	114.04 2.08 -56.03	84.42 1.53 -41.84	112.67 2.30 -47.22	108.13 1.30 -71.83	97.25 1.88 -47.15	127.66 2.60 -54.35	176.70 4.53 -47.15	180.81 2.93 -97.45	148.13 3.72 -39.67	166.73 1.22 -131.97	125.68 1.75 -77.44	147.52 5.19 -8.21	110.64 4.17 -0.89
GILBOA___1 23756	120.20 4.34 -2.25	126.78 4.47 -10.88	131.40 1.54 -93.64	106.00 1.35 -73.43	100.37 1.30 -68.51	141.80 5.55 -3.02	110.97 2.60 -42.97	145.66 1.18 -114.52	142.08 1.27 -109.57	135.83 1.58 -94.46	97.10 1.57 -58.20	102.97 2.53 -44.49	76.06 1.78 -33.23	103.55 2.90 -37.50	93.54 1.50 -57.04	87.49 1.82 -37.45	104.70 2.66 -31.32	147.37 4.75 -17.59	136.09 3.04 -52.63	126.04 3.87 -17.42	138.48 1.29 -103.65	105.98 1.78 -57.70	142.71 4.99 -3.60	109.69 3.76 -0.35
GILBOA___2 23757	120.20 4.34 -2.25	126.78 4.47 -10.88	131.40 1.54 -93.64	106.00 1.35 -73.43	100.37 1.30 -68.51	141.80 5.55 -3.02	110.97 2.60 -42.97	145.66 1.18 -114.52	142.08 1.27 -109.57	135.83 1.58 -94.46	97.10 1.57 -58.20	102.97 2.53 -44.49	76.06 1.78 -33.23	103.55 2.90 -37.50	93.54 1.50 -57.04	87.49 1.82 -37.45	104.70 2.66 -31.32	147.37 4.75 -17.59	136.09 3.04 -52.63	126.04 3.87 -17.42	138.48 1.29 -103.65	105.98 1.78 -57.70	142.71 4.99 -3.60	109.69 3.76 -0.35

GILBOA___3 23758	120.20 4.34 -2.25	126.78 4.47 -10.88	131.40 1.54 -93.64	106.00 1.35 -73.43	100.37 1.30 -68.51	141.80 5.55 -3.02	110.97 2.60 -42.97	145.66 1.18 -114.52	142.08 1.27 -109.57	135.83 1.58 -94.46	97.10 1.57 -58.20	102.97 2.53 -44.49	76.06 1.78 -33.23	103.55 2.90 -37.50	93.54 1.50 -57.04	87.49 1.82 -37.45	104.70 2.66 -31.32	147.37 4.75 -17.59	136.09 3.04 -52.63	126.04 3.87 -17.42	138.48 1.29 -103.65	105.98 1.78 -57.70	142.71 4.99 -3.60	109.69 3.76 -0.35
GILBOA___4 23759	120.20 4.34 -2.25	126.78 4.47 -10.88	131.40 1.54 -93.64	106.00 1.35 -73.43	100.37 1.30 -68.51	141.80 5.55 -3.02	110.97 2.60 -42.97	145.66 1.18 -114.52	142.08 1.27 -109.57	135.83 1.58 -94.46	97.10 1.57 -58.20	102.97 2.53 -44.49	76.06 1.78 -33.23	103.55 2.90 -37.50	93.54 1.50 -57.04	87.49 1.82 -37.45	104.70 2.66 -31.32	147.37 4.75 -17.59	136.09 3.04 -52.63	126.04 3.87 -17.42	138.48 1.29 -103.65	105.98 1.78 -57.70	142.71 4.99 -3.60	109.69 3.76 -0.35
GILBOA___ 23599	120.20 4.34 -2.25	126.78 4.46 -10.88	131.40 1.54 -93.64	106.01 1.35 -73.43	100.37 1.30 -68.51	141.80 5.56 -3.02	110.97 2.60 -42.97	145.66 1.18 -114.52	142.08 1.26 -109.57	135.83 1.58 -94.46	97.10 1.56 -58.20	102.98 2.55 -44.49	76.06 1.78 -33.23	103.56 2.92 -37.50	93.54 1.50 -57.04	87.49 1.82 -37.45	104.71 2.68 -31.32	147.36 4.75 -17.59	136.08 3.03 -52.63	126.04 3.87 -17.42	138.48 1.29 -103.65	105.98 1.78 -57.70	142.68 4.96 -3.60	109.69 3.76 -0.35
GINNA___ 23603	99.01 -9.10 5.50	102.26 -9.08 0.09	44.42 -2.94 -11.14	35.86 -2.49 -7.11	36.12 -2.48 -8.04	112.30 -11.10 9.83	61.40 -5.26 -1.26	40.95 -2.52 -13.51	42.02 -2.60 -13.37	46.29 -3.53 -10.03	41.26 -3.17 -7.11	56.40 -4.73 -5.20	36.82 -3.66 0.58	60.90 -5.69 -3.44	38.62 -3.19 -6.81	48.70 -4.07 -4.55	67.28 -5.83 -2.40	114.90 -10.23 -0.11	77.51 -6.54 -3.63	76.08 -8.96 19.71	40.11 -2.81 -9.38	48.66 -4.07 -6.24	110.68 -12.20 11.23	92.73 -9.34 3.51
GLEN PARK___ 23778	113.09 -0.64 -0.12	110.52 -1.49 -0.58	40.71 -0.51 -5.01	34.72 -0.43 -3.93	33.83 -0.39 -3.66	131.55 -1.84 -0.16	66.86 -0.83 -2.30	35.88 -0.20 -6.12	36.95 -0.16 -5.86	44.39 -0.45 -5.05	39.52 -0.93 -3.11	56.15 -1.85 -2.05	40.62 -1.49 -1.06	63.19 -1.77 -1.81	37.06 -1.00 -3.05	48.82 -1.40 -2.00	71.83 0.06 -1.05	127.60 2.52 -0.05	83.88 1.87 -1.59	108.80 3.86 -0.19	40.08 1.06 -5.48	50.15 0.77 -2.89	136.10 1.95 -0.04	107.05 1.47 0.00
GLENDALE_27_KV_LOAD 356172	125.66 9.71 -2.34	131.81 9.09 -11.29	136.23 2.83 -97.18	109.86 2.42 -76.20	104.03 2.37 -71.10	146.53 10.17 -3.13	115.22 5.23 -44.59	151.25 2.44 -118.85	147.63 2.67 -113.71	141.30 3.48 -98.03	101.19 3.45 -60.40	107.34 5.23 -46.17	79.17 3.64 -34.48	107.52 5.77 -38.91	97.24 3.04 -59.20	91.27 4.19 -38.86	110.48 5.77 -34.00	155.83 10.03 -20.77	144.86 8.55 -57.75	133.16 8.55 -19.86	144.06 2.80 -107.71	110.74 3.88 -60.36	149.03 10.81 -4.11	114.17 8.18 -0.41
GLENWOOD_IC_1_G5 23712	126.33 10.38 -2.33	132.46 9.74 -11.29	136.40 3.05 -97.15	110.03 2.62 -76.18	104.17 2.54 -71.07	147.17 10.81 -3.13	115.45 5.48 -44.58	151.14 2.37 -118.81	147.54 2.63 -113.66	141.21 3.43 -97.99	125.54 3.58 -84.63	155.04 5.57 -93.53	98.40 3.79 -53.56	107.83 5.79 -38.90	97.36 3.18 -59.17	144.44 4.51 -91.71	175.99 6.24 -99.04	156.97 10.78 -21.17	152.16 7.12 -64.61	296.86 9.30 -182.82	156.99 3.01 -120.44	154.55 4.17 -103.88	151.93 11.50 -6.32	137.04 8.78 -22.68
GLENWOOD_IC_2_G1 23688	125.98 10.03 -2.33	132.12 9.40 -11.29	136.30 2.94 -97.15	109.93 2.53 -76.18	104.08 2.46 -71.07	146.78 10.43 -3.13	115.26 5.29 -44.58	151.14 2.37 -118.81	147.53 2.61 -113.66	141.19 3.41 -97.99	125.49 3.52 -84.63	154.84 5.38 -93.53	98.26 3.66 -53.56	107.62 5.57 -38.90	97.25 3.07 -59.17	144.27 4.35 -91.71	175.91 6.17 -99.04	156.85 10.65 -21.17	152.10 7.06 -64.61	296.77 9.21 -182.82	156.97 2.99 -120.44	154.54 4.16 -103.88	151.92 11.48 -6.32	136.99 8.73 -22.68
GLENWOOD_IC_3_G1 23689	125.98 10.03 -2.33	132.12 9.40 -11.29	136.30 2.94 -97.15	109.93 2.53 -76.18	104.08 2.46 -71.07	146.78 10.43 -3.13	115.26 5.29 -44.58	151.14 2.37 -118.81	147.53 2.61 -113.66	141.19 3.41 -97.99	125.49 3.52 -84.63	154.84 5.38 -93.53	98.26 3.66 -53.56	107.62 5.57 -38.90	97.25 3.07 -59.17	144.27 4.35 -91.71	175.91 6.17 -99.04	156.85 10.65 -21.17	152.10 7.06 -64.61	296.77 9.21 -182.82	156.97 2.99 -120.44	154.54 4.16 -103.88	151.92 11.48 -6.32	136.99 8.73 -22.68
GLENWOOD___4 23550	126.33 10.38 -2.33	132.46 9.74 -11.29	136.40 3.05 -97.15	110.03 2.62 -76.18	104.17 2.54 -71.07	147.17 10.81 -3.13	115.45 5.48 -44.58	151.18 2.41 -118.81	147.57 2.66 -113.66	141.26 3.48 -97.99	125.57 3.61 -84.63	155.04 5.57 -93.53	98.40 3.79 -53.56	107.83 5.79 -38.90	97.36 3.18 -59.17	144.44 4.51 -91.71	176.07 6.33 -99.04	157.11 10.92 -21.17	152.25 7.21 -64.61	296.99 9.43 -182.82	157.03 3.05 -120.44	154.60 4.23 -103.88	152.08 11.64 -6.32	137.18 8.91 -22.68
GLENWOOD___5 23614	126.33 10.38 -2.33	132.46 9.74 -11.29	136.40 3.05 -97.15	110.03 2.62 -76.18	104.17 2.54 -71.07	147.17 10.81 -3.13	115.45 5.48 -44.58	151.18 2.41 -118.81	147.57 2.66 -113.66	141.26 3.48 -97.99	125.57 3.61 -84.63	155.04 5.57 -93.53	98.40 3.79 -53.56	107.83 5.79 -38.90	97.36 3.18 -59.17	144.44 4.51 -91.71	176.07 6.33 -99.04	157.11 10.92 -21.17	152.25 7.21 -64.61	296.99 9.43 -182.82	157.03 3.05 -120.44	154.60 4.23 -103.88	152.08 11.64 -6.32	137.18 8.91 -22.68
GLOBAL GREEN_PORT_GT1 23814	127.16 11.20 -2.33	133.07 10.35 -11.29	136.57 3.22 -97.15	110.16 2.75 -76.18	104.29 2.66 -71.07	147.74 11.38 -3.13	115.41 5.43 -44.58	151.25 2.49 -118.81	147.74 2.82 -113.66	141.48 3.70 -97.99	125.95 3.98 -84.63	155.35 5.88 -93.53	98.51 3.90 -53.56	108.11 6.07 -38.90	97.38 3.20 -59.17	144.58 4.65 -91.71	176.91 7.16 -99.04	157.71 11.52 -21.17	153.30 8.26 -64.61	298.98 11.42 -182.82	157.59 3.61 -120.44	155.85 5.48 -103.88	155.75 15.31 -6.32	140.04 11.78 -22.68
GLOBE___DSASP 323697	92.31 -11.78 9.53	96.91 -11.75 2.76	46.77 -3.73 -14.29	36.40 -3.23 -8.40	37.34 -3.18 -9.97	101.33 -14.29 17.60	52.42 -6.81 6.16	30.44 -3.55 -4.03	35.71 -3.65 -8.11	37.98 -4.92 -3.11	34.64 -4.43 -1.75	46.76 -6.53 2.65	28.79 -5.22 7.04	45.28 -8.26 9.61	25.67 -4.68 4.66	37.09 -5.92 5.22	49.88 -9.05 11.78	93.46 -16.41 15.15	62.10 -10.15 8.17	44.16 -13.60 46.99	24.28 -4.24 5.03	33.76 -6.03 6.71	77.46 -17.43 39.22	74.12 -12.73 18.72
GOETHSLN___LBMP 323567	-89.78 8.37 211.76	13.78 7.77 105.42	35.13 2.41 3.50	35.13 2.07 -1.83	35.12 2.00 -2.56	36.65 8.61 105.18	64.32 4.46 5.55	57.12 2.07 -25.09	42.47 2.25 -8.97	35.12 2.95 7.62	-1076.49 2.99 1116.81	-322.41 4.52 382.88	-11.23 3.13 55.41	-399.71 4.70 467.56	35.12 2.61 2.49	10.73 3.55 41.04	57.35 4.85 18.20	129.85 8.38 3.56	122.33 5.58 -36.33	92.43 7.12 19.44	92.03 2.35 -56.13	24.07 3.30 25.73	-1606.55 9.16 1749.83	-561.15 6.96 673.69
GOLAH___69_KV_TB 1_2 80279	102.54 -4.82 6.26	106.26 -4.96 0.21	46.25 -1.62 -11.66	37.14 -1.40 -7.31	37.56 -1.41 -8.41	115.80 -6.25 11.17	63.49 -2.89 -0.98	42.58 -1.52 -14.14	43.74 -1.54 -14.03	47.96 -2.22 -10.40	42.80 -1.99 -7.45	58.37 -3.01 -5.43	37.52 -2.53 0.99	62.66 -4.00 -3.51	39.90 -2.24 -7.13	50.34 -2.65 -4.77	69.43 -3.80 -2.53	119.12 -6.03 -0.13	80.64 -3.73 -3.94	77.11 -5.36 22.28	41.47 -1.67 -9.59	50.52 -2.50 -6.52	113.82 -7.58 12.71	95.96 -5.65 3.98

GOODYEAR_LAKE_HYD 323669	118.55 4.22 -0.72	119.08 4.16 -3.49	67.58 1.34 -30.03	55.93 1.15 -23.55	53.63 1.10 -21.97	139.09 4.90 -0.97	81.64 2.46 -13.78	67.87 1.18 -36.73	67.59 1.20 -35.14	71.57 1.49 -30.29	57.35 1.35 -18.66	72.35 2.14 -14.27	53.17 1.47 -10.66	77.45 2.28 -12.03	54.56 1.26 -18.29	62.02 1.79 -12.01	100.80 3.06 -27.03	163.87 5.86 -32.98	136.13 3.87 -51.83	135.36 4.83 -25.79	70.00 1.56 -34.89	72.49 2.05 -23.95	144.81 5.35 -5.34	109.91 3.71 -0.63
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	107.57 -1.09 4.95	112.54 -1.10 -2.21	66.61 -0.36 -30.75	53.42 -0.32 -22.51	52.64 -0.31 -22.39	122.69 -1.47 9.06	75.01 -0.69 -10.30	67.17 -0.29 -37.50	67.31 -0.25 -36.31	69.12 -0.50 -29.83	56.19 -0.43 -19.29	69.85 -0.60 -14.52	46.91 -0.58 -6.44	73.70 -0.75 -11.30	53.32 -0.44 -18.75	60.21 -0.40 -12.39	82.06 -0.19 -11.54	132.38 -0.38 -7.74	100.12 -0.16 -19.85	91.45 -0.57 12.73	64.77 -0.15 -31.37	65.36 -0.29 -19.15	123.54 -0.87 9.70	101.18 -1.09 3.31
GOUDEY___7 23579	107.57 -1.09 4.95	112.54 -1.10 -2.21	66.61 -0.36 -30.75	53.42 -0.32 -22.51	52.64 -0.31 -22.39	122.69 -1.47 9.06	75.01 -0.69 -10.30	67.17 -0.29 -37.50	67.31 -0.25 -36.31	69.12 -0.50 -29.83	56.19 -0.43 -19.29	69.85 -0.60 -14.52	46.91 -0.58 -6.44	73.70 -0.75 -11.30	53.32 -0.44 -18.75	60.21 -0.40 -12.39	82.06 -0.19 -11.54	132.38 -0.38 -7.74	100.12 -0.16 -19.85	91.45 -0.57 12.73	64.77 -0.15 -31.37	65.36 -0.29 -19.15	123.54 -0.87 9.70	101.18 -1.09 3.31
GOUDEY___8 23580	107.57 -1.09 4.95	112.54 -1.10 -2.21	66.61 -0.36 -30.75	53.42 -0.32 -22.51	52.64 -0.31 -22.39	122.69 -1.47 9.06	75.01 -0.69 -10.30	67.17 -0.29 -37.50	67.31 -0.25 -36.31	69.12 -0.50 -29.83	56.19 -0.43 -19.29	69.85 -0.60 -14.52	46.91 -0.58 -6.44	73.70 -0.75 -11.30	53.32 -0.44 -18.75	60.21 -0.40 -12.39	82.06 -0.19 -11.54	132.38 -0.38 -7.74	100.12 -0.16 -19.85	91.45 -0.57 12.73	64.77 -0.15 -31.37	65.36 -0.29 -19.15	123.54 -0.87 9.70	101.18 -1.09 3.31
GOWANUS_GT1_1 24077	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT1_2 24078	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT1_3 24079	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT1_4 24080	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT1_5 24084	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT1_6 24111	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT1_7 24112	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT1_8 24113	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT2_1 24114	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT2_2 24115	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT2_3 24116	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04

GOWANUS_GT2_4 24117	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT2_5 24118	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT2_6 24119	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT2_7 24120	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT2_8 24121	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_1 24122	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_2 24123	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_3 24124	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_4 24125	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_5 24126	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_6 24127	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_7 24128	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT3_8 24129	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
GOWANUS_GT4_1 24130	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT4_2 24131	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04

GOWANUS_GT4_3 24132	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT4_4 24133	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT4_5 24134	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT4_6 24135	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT4_7 24136	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GOWANUS_GT4_8 24137	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GREENBSH_115KV_TB3 55895	120.73 4.27 -2.85	129.21 4.01 -13.77	155.95 1.24 -118.50	125.30 1.15 -92.92	118.39 1.14 -86.70	141.60 4.55 -3.82	122.10 2.33 -54.38	175.86 0.97 -144.93	170.93 1.03 -138.65	160.63 1.31 -119.53	112.31 1.33 -73.65	114.22 1.97 -56.30	84.62 1.52 -42.05	112.80 2.20 -47.45	108.46 1.27 -72.18	97.52 1.91 -47.39	133.45 2.53 -60.21	186.12 4.35 -56.75	192.85 2.80 -109.62	154.79 3.53 -46.51	167.87 1.16 -133.16	127.82 1.72 -79.61	149.02 5.27 -9.63	111.00 4.35 -1.07
GREENIDGE_115KV_TB5 80291	76.77 -4.87 31.98	104.14 -5.26 2.03	52.31 -1.30 -17.39	34.90 -0.93 -4.60	42.26 -0.95 -12.65	72.26 -5.44 55.53	60.80 -2.02 2.58	73.79 -0.85 -44.68	69.35 -0.83 -38.93	65.80 -1.50 -27.51	61.14 -1.51 -25.32	78.40 -2.07 -24.53	27.94 -1.75 11.36	86.21 -2.77 -25.83	68.60 -1.44 -35.02	74.25 -1.56 -27.58	106.39 -2.10 -37.78	158.47 -4.11 -37.55	120.69 -2.46 -42.72	20.61 -3.50 80.65	65.46 -0.73 -32.64	83.04 -1.17 -37.71	103.35 -5.16 25.61	104.48 -4.67 -3.57
GREENIDGE___3 23582	76.77 -4.87 31.98	104.14 -5.26 2.03	52.31 -1.30 -17.39	34.90 -0.93 -4.60	42.26 -0.95 -12.65	72.26 -5.44 55.53	60.80 -2.02 2.58	73.79 -0.85 -44.68	69.35 -0.83 -38.93	65.80 -1.50 -27.51	61.14 -1.51 -25.32	78.40 -2.07 -24.53	27.94 -1.75 11.36	86.21 -2.77 -25.83	68.60 -1.44 -35.02	74.25 -1.56 -27.58	106.39 -2.10 -37.78	158.47 -4.11 -37.55	120.69 -2.46 -42.72	20.61 -3.50 80.65	65.46 -0.73 -32.64	83.04 -1.17 -37.71	103.35 -5.16 25.61	104.48 -4.67 -3.57
GREENIDGE___4 23583	76.76 -4.88 31.98	104.16 -5.25 2.03	52.30 -1.30 -17.39	34.89 -0.93 -4.60	42.27 -0.95 -12.65	72.24 -5.45 55.53	60.79 -2.03 2.58	73.79 -0.86 -44.68	69.35 -0.83 -38.93	65.79 -1.52 -27.51	61.15 -1.50 -25.32	78.39 -2.08 -24.53	27.92 -1.77 11.36	86.21 -2.77 -25.83	68.59 -1.44 -35.02	74.24 -1.57 -27.58	106.39 -2.10 -37.78	158.32 -4.26 -37.55	120.65 -2.50 -42.72	20.57 -3.53 80.65	65.44 -0.75 -32.64	83.02 -1.19 -37.71	103.31 -5.20 25.61	104.48 -4.67 -3.57
GREENLWN_69_KV_BK 3 55738	126.02 10.07 -2.33	132.20 9.48 -11.29	136.32 2.96 -97.15	109.96 2.56 -76.18	104.12 2.49 -71.07	146.81 10.45 -3.13	115.20 5.23 -44.58	151.16 2.39 -118.81	147.53 2.61 -113.66	141.22 3.44 -97.99	125.57 3.61 -84.63	154.92 5.46 -93.53	98.31 3.70 -53.56	107.67 5.63 -38.90	97.28 3.10 -59.17	144.33 4.41 -91.71	176.09 6.34 -99.04	157.02 10.83 -21.17	152.18 7.14 -64.61	296.91 9.34 -182.82	157.01 3.03 -120.44	154.60 4.23 -103.88	152.14 11.70 -6.32	137.29 9.02 -22.68
GREENWD_138_KV_38B11_REV_LBMP_J 345004	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04
GRISSOM___SOLAR 323813	123.99 7.22 -3.15	133.64 6.95 -15.25	169.74 2.26 -131.28	136.09 1.92 -102.94	128.44 1.84 -96.04	145.60 8.15 -4.23	129.72 4.08 -60.24	192.41 1.90 -160.55	186.41 1.56 -153.60	173.69 1.48 -132.42	120.01 1.09 -81.59	120.04 1.73 -62.37	89.13 1.50 -46.58	118.57 2.86 -52.57	116.07 1.10 -79.96	102.92 2.21 -52.50	160.92 4.45 -85.77	229.25 8.99 -95.24	247.79 5.85 -161.51	186.39 7.44 -74.20	185.23 2.31 -149.37	143.91 3.12 -94.30	157.97 8.50 -15.37	113.70 6.36 -1.76
GROVEVILLE___HYD 323602	125.21 9.24 -2.34	131.53 8.76 -11.33	136.54 2.79 -97.55	110.11 2.39 -76.49	104.25 2.32 -71.36	146.43 10.06 -3.15	115.29 5.14 -44.76	151.62 2.37 -119.30	147.92 2.54 -114.13	141.43 3.25 -98.39	101.10 3.14 -60.62	107.03 4.75 -46.35	78.98 3.31 -34.61	107.22 5.01 -39.06	97.20 2.77 -59.42	91.13 3.90 -39.01	110.72 5.74 -34.27	156.47 10.37 -21.08	145.49 6.81 -58.25	133.52 8.68 -20.10	144.49 2.82 -108.13	110.98 3.86 -60.63	148.91 10.64 -4.16	113.98 7.99 -0.42
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	112.15 -1.70 -0.24	110.87 -1.71 -1.15	45.53 -0.54 -9.86	38.57 -0.39 -7.73	37.34 -0.43 -7.21	131.43 -2.12 -0.32	68.95 -0.97 -4.52	41.65 -0.37 -12.06	42.43 -0.35 -11.53	49.11 -0.63 -9.95	42.89 -0.57 -6.13	59.76 -0.86 -4.68	43.82 -0.73 -3.50	65.99 -1.10 -3.95	40.44 -0.57 -6.01	51.54 -0.62 -3.94	72.03 -0.75 -2.08	124.00 -1.12 -0.09	82.87 -0.68 -3.13	104.08 -1.05 -0.38	44.07 -0.27 -10.79	51.66 -0.52 -5.68	132.30 -1.90 -0.08	103.89 -1.70 0.00

HAMLTNNY_34_KV_TB 80303	112.16 -1.71 -0.25	110.94 -1.71 -1.22	46.16 -0.55 -10.50	39.06 -0.40 -8.24	37.80 -0.44 -7.68	131.46 -2.10 -0.34	69.23 -0.99 -4.82	42.44 -0.37 -12.84	43.21 -0.33 -12.29	49.75 -0.63 -10.59	43.31 -0.55 -6.53	60.08 -0.85 -4.99	44.03 -0.75 -3.73	66.21 -1.14 -4.21	40.82 -0.58 -6.40	51.79 -0.62 -4.20	72.14 -0.77 -2.21	124.06 -1.06 -0.10	83.14 -0.62 -3.33	104.09 -1.06 -0.40	44.78 -0.26 -11.50	52.05 -0.49 -6.05	132.33 -1.87 -0.08	103.89 -1.70 0.00
HAMPSHIRE___PAPER_HYD 323593	112.24 -1.43 -0.06	109.82 -1.91 -0.29	38.04 -0.65 -2.48	32.53 -0.65 -1.95	31.79 -0.59 -1.81	130.42 -2.89 -0.08	64.83 -1.70 -1.14	32.24 -0.75 -3.03	33.37 -0.79 -2.90	41.24 -1.05 -2.50	37.73 -1.15 -1.54	54.30 -1.88 -0.25	38.52 -1.37 1.17	61.68 -1.91 -0.44	35.41 -1.11 -1.51	47.77 -1.44 -0.99	69.70 -1.53 -0.52	123.62 -1.43 -0.02	80.33 -0.88 -0.79	104.72 -0.13 -0.10	35.96 -0.30 -2.71	47.30 -0.63 -1.43	133.16 -0.98 -0.02	105.34 -0.24 0.00
HARDSCRABBLE_WT_PWR 323673	117.81 4.19 0.00	115.29 3.86 0.00	37.49 1.28 0.00	32.26 1.03 0.00	31.50 0.94 0.00	136.70 3.48 0.00	67.33 1.94 0.00	30.79 0.83 0.00	31.88 0.63 0.00	40.39 0.60 0.00	37.62 0.29 0.00	56.50 0.46 -0.10	41.75 0.48 -0.22	64.18 0.97 -0.06	35.44 0.44 0.00	49.38 1.16 0.00	72.61 1.90 0.00	129.13 4.10 0.00	83.47 3.05 0.00	108.41 3.66 0.00	34.73 1.18 0.00	48.07 1.58 0.00	138.68 4.57 0.00	108.62 3.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	123.60 7.79 -2.19	129.39 7.34 -10.61	129.87 2.32 -91.34	104.84 1.99 -71.62	99.31 1.93 -66.82	144.48 8.31 -2.95	111.61 4.30 -41.91	143.65 1.99 -111.71	140.26 2.14 -106.87	134.66 2.74 -92.13	96.82 2.72 -56.77	103.43 4.09 -43.40	76.29 2.83 -32.41	103.96 4.25 -36.57	93.02 2.38 -55.64	88.05 3.30 -36.52	107.44 4.78 -31.95	153.21 8.69 -19.50	140.40 5.73 -54.25	130.71 7.31 -18.66	137.17 2.39 -101.23	106.51 3.28 -56.73	146.95 8.97 -3.86	112.67 6.70 -0.39
HARSNRAD_115KV_TB1 81005	93.60 -10.70 9.32	97.99 -10.69 2.75	46.68 -3.58 -14.05	36.40 -3.10 -8.27	37.26 -3.10 -9.79	102.70 -13.29 17.24	52.96 -6.29 6.14	30.38 -3.30 -3.71	35.67 -3.38 -7.79	38.11 -4.58 -2.90	34.77 -4.14 -1.58	47.03 -6.13 2.78	29.16 -4.92 6.97	45.70 -7.75 9.70	25.81 -4.36 4.84	37.37 -5.51 5.34	50.63 -8.22 11.86	95.25 -14.44 15.33	59.97 -9.13 11.32	46.84 -12.26 45.65	24.55 -3.84 5.15	34.16 -5.49 6.84	79.43 -16.05 38.64	75.03 -11.92 18.62
HARZA MOOSE___RIVER 24016	114.23 0.54 -0.07	111.68 -0.11 -0.36	39.30 -0.04 -3.13	33.62 -0.06 -2.45	32.81 -0.04 -2.29	133.17 -0.15 -0.10	66.75 -0.08 -1.43	33.81 0.03 -3.82	34.99 0.08 -3.66	42.92 -0.02 -3.15	39.15 -0.12 -1.94	57.01 -0.23 -1.30	41.54 -0.21 -0.70	64.11 -0.18 -1.14	36.71 -0.20 -1.91	49.36 -0.11 -1.25	71.88 0.52 -0.66	127.06 2.01 -0.03	83.00 1.59 -0.99	107.96 3.09 -0.12	37.75 0.78 -3.42	48.99 0.70 -1.80	135.93 1.79 -0.03	107.04 1.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	111.37 -2.46 -0.21	109.96 -2.51 -1.04	44.33 -0.80 -8.91	37.60 -0.62 -6.99	36.43 -0.65 -6.52	130.44 -3.07 -0.29	68.06 -1.42 -4.09	40.25 -0.61 -10.90	41.09 -0.59 -10.43	47.86 -0.92 -8.99	42.02 -0.85 -5.54	58.90 -1.27 -4.23	43.20 -1.01 -3.16	65.15 -1.57 -3.57	39.61 -0.83 -5.43	50.78 -1.01 -3.56	71.29 -1.29 -1.88	122.91 -2.20 -0.09	81.90 -1.35 -2.83	103.16 -1.94 -0.34	42.74 -0.56 -9.76	50.73 -0.90 -5.14	131.22 -2.96 -0.07	103.08 -2.50 0.00
HELLGATE_13_KV_LD 55870	125.11 9.15 -2.34	131.27 8.55 -11.29	136.06 2.67 -97.18	109.72 2.29 -76.20	103.90 2.24 -71.10	145.94 9.59 -3.13	114.94 4.95 -44.59	151.13 2.32 -118.85	147.49 2.54 -113.71	141.12 3.31 -98.03	101.00 3.27 -60.40	107.06 4.95 -46.17	78.97 3.44 -34.48	107.22 5.16 -38.91	97.06 2.86 -59.20	91.03 3.95 -38.86	110.12 5.41 -34.00	155.13 9.33 -20.77	144.39 6.21 -57.75	132.58 7.97 -19.86	143.88 2.63 -107.71	110.47 3.61 -60.36	148.30 10.07 -4.11	113.63 7.64 -0.41
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	125.11 9.15 -2.34	131.27 8.55 -11.29	136.06 2.67 -97.18	109.72 2.29 -76.20	103.90 2.24 -71.10	145.94 9.59 -3.13	114.94 4.95 -44.59	151.13 2.32 -118.85	147.49 2.54 -113.71	141.12 3.31 -98.03	101.00 3.27 -60.40	107.06 4.95 -46.17	78.97 3.44 -34.48	107.22 5.16 -38.91	97.06 2.86 -59.20	91.03 3.95 -38.86	110.12 5.41 -34.00	155.13 9.33 -20.77	144.39 6.21 -57.75	132.58 7.97 -19.86	143.88 2.63 -107.71	110.47 3.61 -60.36	148.30 10.07 -4.11	113.63 7.64 -0.41
HEMPSTEAD____ 23647	125.84 9.90 -2.33	131.99 9.27 -11.29	136.26 2.90 -97.15	109.90 2.49 -76.18	104.05 2.42 -71.07	146.59 10.23 -3.13	115.15 5.17 -44.58	151.10 2.34 -118.81	147.49 2.58 -113.66	141.15 3.37 -97.99	125.48 3.52 -84.63	154.83 5.37 -93.53	98.23 3.62 -53.56	107.55 5.51 -38.90	97.22 3.04 -59.17	144.25 4.32 -91.71	175.94 6.20 -99.04	156.81 10.61 -21.17	152.00 6.96 -64.61	296.69 9.12 -182.82	156.94 2.96 -120.44	154.50 4.12 -103.88	151.82 11.38 -6.32	136.94 8.67 -22.68
HEWLETT_69_KV_BK3 55828	126.30 10.35 -2.33	132.47 9.75 -11.29	136.41 3.05 -97.15	110.03 2.62 -76.18	104.18 2.55 -71.07	147.20 10.84 -3.13	115.42 5.45 -44.58	151.25 2.48 -118.81	147.64 2.73 -113.66	141.36 3.58 -97.99	125.62 3.66 -84.63	155.00 5.54 -93.53	98.39 3.78 -53.56	107.82 5.78 -38.90	97.36 3.18 -59.17	144.42 4.49 -91.71	176.14 6.39 -99.04	157.39 11.20 -21.17	152.48 7.44 -64.61	297.28 9.71 -182.82	157.12 3.14 -120.44	154.73 4.35 -103.88	152.45 12.01 -6.32	137.37 9.11 -22.68
HICKLING___1 23621	79.08 -5.20 29.34	102.97 -5.09 3.37	57.46 -1.58 -22.82	39.33 -1.42 -9.51	45.50 -1.36 -16.30	75.08 -6.44 51.71	56.41 -2.91 6.08	63.52 -1.21 -34.76	63.71 -1.16 -33.61	59.94 -1.79 -21.94	54.93 -1.69 -19.29	69.01 -2.46 -15.54	26.00 -2.12 12.93	71.59 -2.99 -11.44	54.89 -1.65 -21.53	62.16 -1.88 -15.82	87.15 -1.95 -18.39	137.40 -3.61 -16.00	102.97 -2.19 -24.74	10.95 -3.53 90.27	52.22 -1.09 -19.76	66.85 -1.64 -21.99	83.12 -4.89 46.11	90.13 -4.54 10.90
HICKLING___2 23622	79.08 -5.20 29.34	102.97 -5.09 3.37	57.46 -1.58 -22.82	39.33 -1.42 -9.51	45.50 -1.36 -16.30	75.08 -6.44 51.71	56.41 -2.91 6.08	63.52 -1.21 -34.76	63.71 -1.16 -33.61	59.94 -1.79 -21.94	54.93 -1.69 -19.29	69.01 -2.46 -15.54	26.00 -2.12 12.93	71.59 -2.99 -11.44	54.89 -1.65 -21.53	62.16 -1.88 -15.82	87.15 -1.95 -18.39	137.40 -3.61 -16.00	102.97 -2.19 -24.74	10.95 -3.53 90.27	52.22 -1.09 -19.76	66.85 -1.64 -21.99	83.12 -4.89 46.11	90.13 -4.54 10.90
HIGH FALLS___HY 23754	125.28 9.33 -2.33	131.60 8.89 -11.28	136.15 2.83 -97.11	109.79 2.41 -76.15	103.94 2.34 -71.04	146.53 10.17 -3.13	115.20 5.24 -44.56	151.18 2.46 -118.76	147.51 2.64 -113.62	141.07 3.33 -97.95	100.77 3.08 -60.35	106.76 4.68 -46.14	78.67 3.17 -34.45	106.91 4.88 -38.88	96.83 2.68 -59.15	90.67 3.62 -38.83	112.12 5.64 -35.78	159.38 10.59 -23.77	148.89 6.99 -61.47	135.65 8.91 -21.99	144.23 2.89 -107.80	111.32 3.93 -60.89	149.33 10.66 -4.55	113.87 7.83 -0.46
HIGH_RIVER___SOLAR 323847	122.40 5.74 -3.05	131.75 5.56 -14.75	165.00 1.81 -126.98	132.35 1.55 -99.57	124.95 1.49 -92.89	143.83 6.51 -4.10	126.91 3.25 -58.27	186.75 1.49 -155.29	181.15 1.33 -148.57	169.37 1.49 -128.08	117.27 1.02 -78.92	117.98 1.71 -60.33	87.50 1.40 -45.05	116.31 2.32 -50.84	113.45 1.10 -77.35	100.97 1.97 -50.78	162.16 3.56 -87.89	232.05 6.87 -100.16	251.34 4.49 -166.43	188.08 5.69 -77.63	180.31 1.80 -144.96	141.74 2.45 -92.79	156.88 6.68 -16.08	112.51 5.08 -1.85

HILLBURN___GT 23639	123.29 7.45 -2.22	129.20 7.01 -10.76	131.01 2.21 -92.59	105.72 1.90 -72.60	100.12 1.83 -67.73	144.10 7.89 -2.99	112.00 4.12 -42.49	145.09 1.89 -113.23	141.63 2.05 -108.33	135.82 2.65 -93.39	97.53 2.65 -57.54	103.91 3.98 -43.99	76.62 2.72 -32.85	104.29 4.07 -37.07	93.70 2.30 -56.39	88.38 3.13 -37.02	107.54 4.45 -32.38	152.88 8.09 -19.77	140.77 5.35 -54.99	130.53 6.87 -18.91	138.42 2.26 -102.61	107.13 3.14 -57.50	146.61 8.58 -3.91	112.34 6.37 -0.39
HILLSIDE_115KV_TB1 80332	80.67 -5.53 27.41	103.09 -5.41 2.93	58.28 -1.71 -23.78	40.50 -1.54 -10.81	46.12 -1.45 -17.02	78.10 -6.78 48.35	57.40 -3.24 4.76	63.70 -1.37 -35.12	63.96 -1.32 -34.03	60.57 -1.94 -22.71	54.88 -1.80 -19.34	68.76 -2.60 -15.42	27.50 -2.18 11.37	71.34 -3.09 -11.28	54.48 -1.76 -21.23	61.61 -2.06 -15.45	85.93 -2.39 -17.61	135.39 -4.67 -15.03	101.73 -2.89 -24.19	15.91 -4.43 84.41	52.89 -1.38 -20.72	66.18 -1.98 -21.66	84.94 -5.53 43.64	89.96 -5.05 10.57
HISHELDN_WT_PWR 323625	88.77 -11.23 13.62	91.82 -11.10 8.51	49.15 -3.57 -16.51	36.98 -3.14 -8.90	38.21 -3.13 -10.78	92.86 -13.99 26.37	36.21 -6.35 22.84	1.17 -3.12 25.67	16.61 -3.16 11.48	17.40 -4.35 18.04	18.46 -3.97 14.90	25.74 -5.92 24.28	16.14 -4.78 20.13	13.34 -7.23 42.58	-4.92 -3.93 35.99	11.86 -5.05 31.31	11.30 -6.94 52.47	53.90 -12.02 59.11	24.60 -7.61 48.22	-4.29 -10.11 98.93	-13.42 -3.21 43.76	-1.11 -4.79 42.81	22.52 -14.41 97.18	42.23 -10.92 52.42
HOLTSVILLE_IC_1 23690	126.60 10.65 -2.33	132.74 10.02 -11.29	136.49 3.13 -97.15	110.12 2.71 -76.18	104.26 2.63 -71.07	147.43 11.08 -3.13	115.39 5.42 -44.58	151.24 2.48 -118.81	147.65 2.73 -113.66	141.36 3.58 -97.99	125.79 3.82 -84.63	155.20 5.74 -93.53	98.47 3.86 -53.56	107.83 5.79 -38.90	97.33 3.15 -59.17	144.44 4.51 -91.71	176.34 6.60 -99.04	157.13 10.94 -21.17	152.48 7.44 -64.61	297.42 9.85 -182.82	157.16 3.18 -120.44	154.84 4.46 -103.88	152.83 12.39 -6.32	137.76 9.50 -22.68
HOLTSVILLE_IC_10 23699	127.32 11.37 -2.33	133.40 10.68 -11.29	136.69 3.34 -97.15	110.29 2.88 -76.18	104.42 2.79 -71.07	148.15 11.79 -3.13	115.75 5.77 -44.58	151.41 2.64 -118.81	147.83 2.91 -113.66	141.60 3.81 -97.99	126.04 4.07 -84.63	155.58 6.12 -93.53	98.72 4.12 -53.56	108.26 6.22 -38.90	97.56 3.38 -59.17	144.77 4.85 -91.71	176.90 7.15 -99.04	158.10 11.91 -21.17	153.18 8.14 -64.61	298.31 10.74 -182.82	157.43 3.45 -120.44	155.20 4.83 -103.88	153.78 13.34 -6.32	138.46 10.20 -22.68
HOLTSVILLE_IC_2 23691	126.60 10.65 -2.33	132.74 10.02 -11.29	136.49 3.13 -97.15	110.12 2.71 -76.18	104.26 2.63 -71.07	147.43 11.08 -3.13	115.39 5.42 -44.58	151.24 2.48 -118.81	147.65 2.73 -113.66	141.36 3.58 -97.99	125.79 3.82 -84.63	155.20 5.74 -93.53	98.47 3.86 -53.56	107.83 5.79 -38.90	97.33 3.15 -59.17	144.44 4.51 -91.71	176.34 6.60 -99.04	157.13 10.94 -21.17	152.48 7.44 -64.61	297.42 9.85 -182.82	157.16 3.18 -120.44	154.84 4.46 -103.88	152.83 12.39 -6.32	137.76 9.50 -22.68
HOLTSVILLE_IC_3 23692	126.60 10.65 -2.33	132.74 10.02 -11.29	136.49 3.13 -97.15	110.12 2.71 -76.18	104.26 2.63 -71.07	147.43 11.08 -3.13	115.39 5.42 -44.58	151.24 2.48 -118.81	147.65 2.73 -113.66	141.36 3.58 -97.99	125.79 3.82 -84.63	155.20 5.74 -93.53	98.47 3.86 -53.56	107.83 5.79 -38.90	97.33 3.15 -59.17	144.44 4.51 -91.71	176.34 6.60 -99.04	157.13 10.94 -21.17	152.48 7.44 -64.61	297.42 9.85 -182.82	157.16 3.18 -120.44	154.84 4.46 -103.88	152.83 12.39 -6.32	137.76 9.50 -22.68
HOLTSVILLE_IC_4 23693	126.60 10.65 -2.33	132.74 10.02 -11.29	136.49 3.13 -97.15	110.12 2.71 -76.18	104.26 2.63 -71.07	147.43 11.08 -3.13	115.39 5.42 -44.58	151.24 2.48 -118.81	147.65 2.73 -113.66	141.36 3.58 -97.99	125.79 3.82 -84.63	155.20 5.74 -93.53	98.47 3.86 -53.56	107.83 5.79 -38.90	97.33 3.15 -59.17	144.44 4.51 -91.71	176.34 6.60 -99.04	157.13 10.94 -21.17	152.48 7.44 -64.61	297.42 9.85 -182.82	157.16 3.18 -120.44	154.84 4.46 -103.88	152.83 12.39 -6.32	137.76 9.50 -22.68
HOLTSVILLE_IC_5 23694	126.60 10.65 -2.33	132.74 10.02 -11.29	136.49 3.13 -97.15	110.12 2.71 -76.18	104.26 2.63 -71.07	147.43 11.08 -3.13	115.39 5.42 -44.58	151.24 2.48 -118.81	147.65 2.73 -113.66	141.36 3.58 -97.99	125.79 3.82 -84.63	155.20 5.74 -93.53	98.47 3.86 -53.56	107.83 5.79 -38.90	97.33 3.15 -59.17	144.44 4.51 -91.71	176.34 6.60 -99.04	157.13 10.94 -21.17	152.48 7.44 -64.61	297.42 9.85 -182.82	157.16 3.18 -120.44	154.84 4.46 -103.88	152.83 12.39 -6.32	137.76 9.50 -22.68
HOLTSVILLE_IC_6 23695	127.32 11.37 -2.33	133.40 10.68 -11.29	136.69 3.34 -97.15	110.29 2.88 -76.18	104.42 2.79 -71.07	148.15 11.79 -3.13	115.75 5.77 -44.58	151.41 2.64 -118.81	147.83 2.91 -113.66	141.60 3.81 -97.99	126.04 4.07 -84.63	155.58 6.12 -93.53	98.72 4.12 -53.56	108.26 6.22 -38.90	97.56 3.38 -59.17	144.77 4.85 -91.71	176.90 7.15 -99.04	158.10 11.91 -21.17	153.18 8.14 -64.61	298.31 10.74 -182.82	157.43 3.45 -120.44	155.20 4.83 -103.88	153.78 13.34 -6.32	138.46 10.20 -22.68
HOLTSVILLE_IC_7 23696	127.32 11.37 -2.33	133.40 10.68 -11.29	136.69 3.34 -97.15	110.29 2.88 -76.18	104.42 2.79 -71.07	148.15 11.79 -3.13	115.75 5.77 -44.58	151.41 2.64 -118.81	147.83 2.91 -113.66	141.60 3.81 -97.99	126.04 4.07 -84.63	155.58 6.12 -93.53	98.72 4.12 -53.56	108.26 6.22 -38.90	97.56 3.38 -59.17	144.77 4.85 -91.71	176.90 7.15 -99.04	158.10 11.91 -21.17	153.18 8.14 -64.61	298.31 10.74 -182.82	157.43 3.45 -120.44	155.20 4.83 -103.88	153.78 13.34 -6.32	138.46 10.20 -22.68
HOLTSVILLE_IC_8 23697	127.32 11.37 -2.33	133.40 10.68 -11.29	136.69 3.34 -97.15	110.29 2.88 -76.18	104.42 2.79 -71.07	148.15 11.79 -3.13	115.75 5.77 -44.58	151.41 2.64 -118.81	147.83 2.91 -113.66	141.60 3.81 -97.99	126.04 4.07 -84.63	155.58 6.12 -93.53	98.72 4.12 -53.56	108.26 6.22 -38.90	97.56 3.38 -59.17	144.77 4.85 -91.71	176.90 7.15 -99.04	158.10 11.91 -21.17	153.18 8.14 -64.61	298.31 10.74 -182.82	157.43 3.45 -120.44	155.20 4.83 -103.88	153.78 13.34 -6.32	138.46 10.20 -22.68
HOLTSVILLE_IC_9 23698	127.32 11.37 -2.33	133.40 10.68 -11.29	136.69 3.34 -97.15	110.29 2.88 -76.18	104.42 2.79 -71.07	148.15 11.79 -3.13	115.75 5.77 -44.58	151.41 2.64 -118.81	147.83 2.91 -113.66	141.60 3.81 -97.99	126.04 4.07 -84.63	155.58 6.12 -93.53	98.72 4.12 -53.56	108.26 6.22 -38.90	97.56 3.38 -59.17	144.77 4.85 -91.71	176.90 7.15 -99.04	158.10 11.91 -21.17	153.18 8.14 -64.61	298.31 10.74 -182.82	157.43 3.45 -120.44	155.20 4.83 -103.88	153.78 13.34 -6.32	138.46 10.20 -22.68
HOMER_HL_115KV_TB2 355744	92.32 -7.07 14.23	102.31 -7.03 2.10	51.20 -2.44 -17.43	38.66 -2.12 -9.55	40.76 -2.18 -12.39	99.14 -8.59 25.49	57.61 -4.19 3.61	44.58 -2.49 -17.11	47.26 -2.52 -18.54	48.22 -3.36 -11.79	43.39 -3.03 -9.08	57.23 -4.00 -5.29	31.32 -3.12 6.60	58.98 -4.52 -0.36	39.02 -2.69 -6.70	49.03 -3.12 -3.92	68.11 -4.09 -1.49	116.36 -7.15 1.51	81.78 -4.67 -6.02	46.25 -6.83 51.66	38.65 -2.36 -7.46	49.26 -3.16 -5.93	91.48 -8.68 33.96	86.23 -6.73 12.61
HOWARD_WT_PWR 323690	72.53 -12.00 29.08	103.92 -10.52 -3.01	51.63 -3.32 -18.73	34.79 -2.96 -6.52	41.93 -2.93 -14.30	70.04 -14.02 49.17	72.51 -5.32 -12.43	101.29 -2.10 -73.43	88.22 -2.12 -59.09	84.84 -3.26 -48.31	75.40 -3.18 -41.25	95.28 -4.79 -44.13	36.67 -4.64 -0.25	111.45 -6.28 -54.58	95.23 -2.95 -63.18	95.52 -3.40 -50.70	139.86 -3.87 -73.02	194.77 -5.33 -75.08	155.49 -3.24 -78.30	61.36 -5.01 38.39	100.12 -1.73 -68.31	113.52 -2.88 -69.91	146.88 -9.12 -21.89	128.96 -8.01 -31.39

HQ_GEN_CEDARS 23644	112.80 -0.82 0.00	110.72 -0.71 0.00	35.94 -0.27 0.00	30.88 -0.35 0.00	30.29 -0.27 0.00	131.98 -1.25 0.00	64.55 -0.85 0.00	29.56 -0.39 0.00	30.78 -0.47 0.00	39.27 -0.51 0.00	36.75 -0.59 0.00	53.26 -1.01 1.66	36.74 -0.65 3.66	61.19 -0.96 0.99	34.51 -0.50 0.00	47.48 -0.75 0.00	69.26 -1.45 0.00	123.57 -1.46 0.00	79.30 -1.12 0.00	103.52 -1.23 0.00	32.95 -0.59 0.00	45.77 -0.73 0.00	132.93 -1.18 0.00	105.12 -0.46 0.00
HQ_GEN_CEDARS_PROXY 323590	112.80 -0.81 0.00	110.71 -0.72 0.00	35.94 -0.27 0.00	30.88 -0.35 0.00	30.28 -0.27 0.00	132.00 -1.23 0.00	64.56 -0.84 0.00	29.56 -0.40 0.00	30.77 -0.48 0.00	39.28 -0.50 0.00	36.73 -0.60 0.00	53.27 -1.01 1.66	36.75 -0.64 3.66	61.18 -0.97 0.99	34.51 -0.49 0.00	47.48 -0.75 0.00	69.25 -1.46 0.00	123.57 -1.46 0.00	79.01 -1.13 0.29	103.52 -1.23 0.00	32.95 -0.59 0.00	45.77 -0.73 0.00	132.94 -1.18 0.00	105.12 -0.46 0.00
HQ_GEN_IMPORT 323601	112.15 -1.47 0.00	110.16 -1.27 0.00	35.77 -0.44 0.00	30.77 -0.46 0.00	30.17 -0.39 0.00	131.75 -1.47 0.00	64.56 -0.84 0.00	29.56 -0.40 0.00	30.78 -0.47 0.00	33.08 -0.43 6.28	36.83 -0.51 0.00	54.86 -0.79 0.29	39.95 -0.47 0.63	62.25 -0.73 0.17	34.62 -0.39 0.00	47.56 -0.66 0.00	69.72 -0.99 0.00	123.17 -1.86 0.00	86.92 -1.35 -7.84	103.18 -1.57 0.00	32.95 -0.59 0.00	45.77 -0.73 0.00	132.53 -1.58 0.00	104.56 -1.03 0.00
HQ_GEN_WHEEL 23651	112.15 -1.47 0.00	110.16 -1.27 0.00	35.77 -0.44 0.00	30.77 -0.46 0.00	30.17 -0.39 0.00	131.75 -1.47 0.00	64.56 -0.84 0.00	29.56 -0.40 0.00	30.78 -0.47 0.00	33.08 -0.43 6.28	36.83 -0.51 0.00	54.86 -0.79 0.29	39.95 -0.47 0.63	62.25 -0.73 0.17	34.62 -0.39 0.00	47.56 -0.66 0.00	69.72 -0.99 0.00	123.17 -1.86 0.00	86.92 -1.35 -7.84	103.18 -1.57 0.00	32.95 -0.59 0.00	45.77 -0.73 0.00	132.53 -1.58 0.00	104.56 -1.03 0.00
HUDSON AVE_GT_3 23810	125.17 9.22 -2.33	131.33 8.61 -11.29	136.06 2.67 -97.17	109.73 2.30 -76.20	103.88 2.23 -71.09	145.95 9.59 -3.13	114.94 4.95 -44.59	151.09 2.29 -118.84	147.43 2.48 -113.70	141.07 3.26 -98.02	100.99 3.27 -60.39	107.06 4.95 -46.17	78.96 3.43 -34.48	107.24 5.18 -38.91	97.07 2.87 -59.19	91.02 3.94 -38.86	110.14 5.43 -34.00	155.25 9.46 -20.77	144.44 6.26 -57.75	132.60 7.98 -19.86	143.88 2.63 -107.70	110.52 3.67 -60.35	148.43 10.20 -4.11	113.72 7.73 -0.41
HUDSON AVE_GT_4 23540	125.17 9.22 -2.33	131.33 8.61 -11.29	136.06 2.67 -97.17	109.73 2.30 -76.20	103.88 2.23 -71.09	145.95 9.59 -3.13	114.94 4.95 -44.59	151.09 2.29 -118.84	147.43 2.48 -113.70	141.07 3.26 -98.02	100.99 3.27 -60.39	107.06 4.95 -46.17	78.96 3.43 -34.48	107.24 5.18 -38.91	97.07 2.87 -59.19	91.02 3.94 -38.86	110.14 5.43 -34.00	155.25 9.46 -20.77	144.44 6.26 -57.75	132.60 7.98 -19.86	143.88 2.63 -107.70	110.52 3.67 -60.35	148.43 10.20 -4.11	113.72 7.73 -0.41
HUDSON AVE_GT_5 23657	125.17 9.22 -2.33	131.33 8.61 -11.29	136.06 2.67 -97.17	109.73 2.30 -76.20	103.88 2.23 -71.09	145.95 9.59 -3.13	114.94 4.95 -44.59	151.09 2.29 -118.84	147.43 2.48 -113.70	141.07 3.26 -98.02	100.99 3.27 -60.39	107.06 4.95 -46.17	78.96 3.43 -34.48	107.24 5.18 -38.91	97.07 2.87 -59.19	91.02 3.94 -38.86	110.14 5.43 -34.00	155.25 9.46 -20.77	144.44 6.26 -57.75	132.60 7.98 -19.86	143.88 2.63 -107.70	110.52 3.67 -60.35	148.43 10.20 -4.11	113.72 7.73 -0.41
HUDSON_AVE_10 24168	124.79 8.84 -2.33	130.99 8.26 -11.29	135.95 2.56 -97.17	109.63 2.20 -76.20	103.79 2.14 -71.09	145.56 9.20 -3.13	114.74 4.75 -44.59	151.00 2.20 -118.84	147.33 2.38 -113.70	140.97 3.16 -98.02	100.88 3.15 -60.39	106.89 4.78 -46.17	78.83 3.30 -34.48	107.04 4.99 -38.91	96.96 2.76 -59.19	90.86 3.78 -38.86	109.92 5.21 -34.00	154.88 9.08 -20.77	144.19 6.02 -57.75	132.29 7.68 -19.86	143.79 2.54 -107.70	110.41 3.56 -60.35	148.09 9.87 -4.11	113.44 7.45 -0.41
HUDSON___115KV_TB 4 355613	123.39 6.99 -2.79	131.60 6.70 -13.47	154.22 2.08 -115.93	124.01 1.88 -90.91	117.22 1.85 -84.81	144.80 7.83 -3.74	122.39 3.80 -53.20	173.37 1.62 -141.79	168.57 1.67 -135.65	158.68 1.95 -116.94	111.14 1.75 -72.05	113.47 2.45 -55.08	83.93 1.75 -41.14	112.31 2.74 -46.42	107.30 1.68 -70.62	97.21 2.63 -46.36	129.39 3.95 -54.74	181.03 7.47 -48.53	183.77 4.82 -98.53	151.35 6.05 -40.55	165.33 1.92 -129.87	125.70 2.66 -76.55	150.46 7.95 -8.39	113.24 6.74 -0.92
HUNTER MOUNT___DRP 323613	123.90 7.56 -2.72	131.81 7.22 -13.15	151.65 2.23 -113.21	122.00 2.00 -88.77	115.35 1.97 -82.82	145.46 8.59 -3.65	121.48 4.14 -51.95	170.21 1.80 -138.46	165.59 2.19 -132.46	156.17 1.88 -114.19	109.60 1.91 -70.36	112.46 2.73 -53.79	83.14 1.92 -40.17	111.55 3.08 -45.33	105.81 1.85 -68.96	96.39 2.90 -45.27	126.11 4.38 -51.02	176.80 8.45 -43.32	176.99 5.44 -91.13	148.23 6.77 -36.70	162.26 2.14 -126.58	123.40 2.93 -73.97	150.51 8.79 -7.60	113.70 7.30 -0.82
HUNTINGTON_RES_REC 323705	126.56 10.61 -2.33	132.70 9.98 -11.29	136.47 3.12 -97.15	110.10 2.70 -76.18	104.24 2.61 -71.07	147.33 10.98 -3.13	115.41 5.43 -44.58	151.25 2.49 -118.81	147.65 2.73 -113.66	141.37 3.59 -97.99	125.78 3.82 -84.63	155.24 5.77 -93.53	98.50 3.89 -53.56	107.96 5.92 -38.90	97.41 3.23 -59.17	144.54 4.62 -91.71	176.50 6.75 -99.04	157.62 11.43 -21.17	152.66 7.63 -64.61	297.60 10.03 -182.82	157.22 3.24 -120.44	154.88 4.51 -103.88	152.96 12.52 -6.32	137.85 9.59 -22.68
HUNTLEY___63 23557	94.17 -9.51 9.93	98.89 -9.54 3.00	47.63 -3.13 -14.55	37.01 -2.71 -8.48	37.98 -2.70 -10.13	102.98 -11.88 18.37	53.02 -5.57 6.80	30.31 -2.95 -3.30	35.96 -3.00 -7.71	38.26 -4.09 -2.56	34.97 -3.69 -1.33	47.25 -5.43 3.26	29.03 -4.41 7.61	45.54 -6.96 10.65	25.52 -3.92 5.56	37.37 -4.87 5.98	50.40 -7.31 12.99	95.63 -12.91 16.49	63.38 -8.02 9.02	44.55 -10.96 49.23	23.94 -3.44 6.17	33.80 -4.95 7.74	78.15 -14.45 41.51	75.05 -10.55 19.98
HUNTLEY___64 23558	94.17 -9.51 9.93	98.89 -9.54 3.00	47.63 -3.13 -14.55	37.01 -2.71 -8.48	37.98 -2.70 -10.13	102.98 -11.88 18.37	53.02 -5.57 6.80	30.31 -2.95 -3.30	35.96 -3.00 -7.71	38.26 -4.09 -2.56	34.97 -3.69 -1.33	47.25 -5.43 3.26	29.03 -4.41 7.61	45.54 -6.96 10.65	25.52 -3.92 5.56	37.37 -4.87 5.98	50.40 -7.31 12.99	95.63 -12.91 16.49	63.38 -8.02 9.02	44.55 -10.96 49.23	23.94 -3.44 6.17	33.80 -4.95 7.74	78.15 -14.45 41.51	75.05 -10.55 19.98
HUNTLEY___65 23559	94.17 -9.51 9.93	98.89 -9.54 3.00	47.63 -3.13 -14.55	37.01 -2.71 -8.48	37.98 -2.70 -10.13	102.98 -11.88 18.37	53.02 -5.57 6.80	30.31 -2.95 -3.30	35.96 -3.00 -7.71	38.26 -4.09 -2.56	34.97 -3.69 -1.33	47.25 -5.43 3.26	29.03 -4.41 7.61	45.54 -6.96 10.65	25.52 -3.92 5.56	37.37 -4.87 5.98	50.40 -7.31 12.99	95.63 -12.91 16.49	63.38 -8.02 9.02	44.55 -10.96 49.23	23.94 -3.44 6.17	33.80 -4.95 7.74	78.15 -14.45 41.51	75.05 -10.55 19.98
HUNTLEY___66 23560	94.17 -9.51 9.93	98.89 -9.54 3.00	47.63 -3.13 -14.55	37.01 -2.71 -8.48	37.98 -2.70 -10.13	102.98 -11.88 18.37	53.02 -5.57 6.80	30.31 -2.95 -3.30	35.96 -3.00 -7.71	38.26 -4.09 -2.56	34.97 -3.69 -1.33	47.25 -5.43 3.26	29.03 -4.41 7.61	45.54 -6.96 10.65	25.52 -3.92 5.56	37.37 -4.87 5.98	50.40 -7.31 12.99	95.63 -12.91 16.49	63.38 -8.02 9.02	44.55 -10.96 49.23	23.94 -3.44 6.17	33.80 -4.95 7.74	78.15 -14.45 41.51	75.05 -10.55 19.98

HUNTLEY___67 23561	93.15 -10.14 10.33	97.79 -10.21 3.43	47.67 -3.36 -14.82	36.88 -2.93 -8.58	37.91 -2.91 -10.26	101.27 -12.77 19.18	51.31 -6.04 8.05	28.01 -3.17 -1.22	34.39 -3.25 -6.38	36.46 -4.40 -1.08	33.54 -3.97 -0.17	45.28 -5.84 4.82	27.75 -4.68 8.62	42.73 -7.34 13.07	23.05 -4.14 7.82	35.14 -5.21 7.87	47.00 -7.71 16.00	91.66 -13.60 19.76	59.55 -8.56 12.31	39.39 -11.61 53.75	20.88 -3.66 9.01	30.85 -5.27 10.38	72.72 -15.28 46.11	71.86 -11.19 22.53
HUNTLEY___68 23562	93.15 -10.14 10.33	97.79 -10.21 3.43	47.67 -3.36 -14.82	36.88 -2.93 -8.58	37.91 -2.91 -10.26	101.27 -12.77 19.18	51.31 -6.04 8.05	28.01 -3.17 -1.22	34.39 -3.25 -6.38	36.46 -4.40 -1.08	33.54 -3.97 -0.17	45.28 -5.84 4.82	27.75 -4.68 8.62	42.73 -7.34 13.07	23.05 -4.14 7.82	35.14 -5.21 7.87	47.00 -7.71 16.00	91.66 -13.60 19.76	59.55 -8.56 12.31	39.39 -11.61 53.75	20.88 -3.66 9.01	30.85 -5.27 10.38	72.72 -15.28 46.11	71.86 -11.19 22.53
HYLAND___LFGE 323620	95.90 -1.98 15.74	116.20 -2.06 -6.83	51.45 -0.65 -15.89	38.71 -0.59 -8.07	42.54 -0.64 -12.61	104.86 -3.08 25.29	87.45 -0.80 -22.85	105.85 -0.29 -76.19	90.15 -0.23 -59.12	91.31 -0.90 -52.41	78.50 -1.25 -42.42	100.36 -2.77 -47.19	50.80 -1.99 -11.74	121.80 -3.29 -61.95	100.82 -1.63 -67.44	100.26 -2.31 -54.35	148.25 -1.86 -79.40	207.92 0.78 -82.12	164.87 0.89 -83.56	119.82 0.39 -14.68	112.60 0.12 -78.93	121.70 -0.21 -75.42	189.93 -1.48 -57.30	149.55 -1.33 -45.30
INDECK___CORINTH 23802	127.62 11.05 -2.95	136.17 10.46 -14.28	162.48 3.41 -122.86	130.49 2.91 -96.34	123.30 2.85 -89.89	149.68 12.49 -3.96	127.98 6.21 -56.38	183.12 2.90 -150.26	178.05 3.04 -143.76	167.24 3.52 -123.93	116.82 3.12 -76.36	118.99 4.67 -58.38	88.15 3.50 -43.60	117.69 5.35 -49.20	112.80 2.96 -74.84	102.05 4.69 -49.13	162.84 7.21 -84.92	234.54 12.98 -96.54	249.59 8.47 -160.70	190.51 10.78 -74.98	177.22 3.43 -140.25	140.84 4.59 -89.75	162.33 12.69 -15.53	117.27 9.91 -1.79
INDECK___ILION 23567	116.48 2.86 0.00	114.09 2.66 0.00	37.09 0.88 0.00	31.98 0.75 0.00	31.27 0.71 0.00	136.15 2.93 0.00	66.91 1.51 0.00	30.65 0.69 0.00	31.88 0.63 0.00	40.47 0.68 0.00	37.88 0.55 0.00	56.91 0.87 -0.10	41.98 0.71 -0.22	64.39 1.19 -0.06	35.58 0.57 0.00	49.27 1.05 0.00	72.37 1.67 0.00	128.26 3.24 0.00	82.67 2.25 0.00	107.49 2.73 0.00	34.45 0.90 0.00	47.73 1.23 0.00	137.55 3.43 0.00	107.99 2.41 0.00
INDECK___OLEAN 23982	92.27 -7.11 14.23	102.33 -7.00 2.10	51.20 -2.45 -17.43	38.66 -2.12 -9.55	40.76 -2.19 -12.39	99.03 -8.69 25.49	57.61 -4.19 3.61	44.58 -2.49 -17.11	47.26 -2.52 -18.54	48.21 -3.37 -11.79	43.44 -2.98 -9.08	57.23 -4.00 -5.29	31.31 -3.14 6.60	58.99 -4.51 -0.36	39.01 -2.70 -6.70	49.03 -3.11 -3.92	68.21 -7.03 -1.49	116.48 -7.03 1.51	81.73 -4.71 -6.02	46.23 -2.39 51.66	38.62 -2.39 -7.46	49.26 -3.16 -5.93	91.43 -8.73 33.96	86.23 -6.74 12.61
INDECK___OSWEGO 23783	110.02 -3.77 -0.18	108.46 -3.84 -0.87	42.46 -1.21 -7.46	36.12 -0.96 -5.85	35.03 -0.99 -5.46	128.83 -4.63 -0.24	66.64 -2.19 -3.42	38.15 -0.93 -9.12	39.05 -0.93 -8.73	45.97 -1.34 -7.52	40.73 -1.24 -4.64	57.51 -1.93 -3.50	42.14 -1.46 -2.55	63.86 -2.25 -2.96	38.34 -1.20 -4.55	49.64 -1.56 -2.98	70.17 -2.11 -1.57	121.56 -3.53 -0.07	80.58 -2.21 -2.37	102.09 -2.95 -0.29	40.84 -0.88 -8.17	49.41 -1.38 -4.30	129.82 -4.35 -0.06	102.08 -3.51 0.00
INDECK___YERKES 23781	94.25 -9.43 9.93	98.97 -9.46 3.00	47.65 -3.11 -14.55	37.05 -2.67 -8.48	38.01 -2.67 -10.13	102.95 -11.91 18.37	53.08 -5.52 6.80	30.33 -2.93 -3.30	35.98 -2.98 -7.71	38.27 -4.08 -2.56	35.08 -3.59 -1.33	47.32 -5.35 3.26	29.06 -4.38 7.61	45.65 -6.85 10.65	25.55 -3.90 5.56	37.40 -4.84 5.98	50.62 -7.09 12.99	95.83 -12.71 16.49	63.41 -7.99 9.02	44.65 -10.87 49.24	23.95 -3.43 6.17	33.83 -4.92 7.74	78.18 -14.42 41.51	75.13 -10.47 19.98
INDIAN POINT_GT_1 24139	123.74 7.81 -2.31	129.95 7.34 -11.17	134.70 2.31 -96.18	108.63 1.99 -75.42	102.85 1.93 -70.36	144.62 8.29 -3.10	113.81 4.27 -44.13	149.55 1.96 -117.63	145.91 2.13 -112.53	139.57 2.77 -97.01	99.87 2.76 -59.78	105.80 4.17 -45.70	78.04 2.86 -34.13	105.95 4.29 -38.51	95.99 2.40 -58.58	89.99 3.31 -38.46	109.06 4.70 -33.65	154.01 8.43 -20.56	143.12 5.54 -57.16	131.48 7.07 -19.66	142.47 2.33 -106.59	109.47 3.24 -59.74	147.10 8.92 -4.07	112.67 6.68 -0.41
INDIAN POINT_GT_2 23659	123.74 7.81 -2.31	129.95 7.34 -11.17	134.70 2.31 -96.18	108.63 1.99 -75.42	102.85 1.93 -70.36	144.62 8.29 -3.10	113.81 4.27 -44.13	149.55 1.96 -117.63	145.91 2.13 -112.53	139.57 2.77 -97.01	99.87 2.76 -59.78	105.80 4.17 -45.70	78.04 2.86 -34.13	105.95 4.29 -38.51	95.99 2.40 -58.58	89.99 3.31 -38.46	109.06 4.70 -33.65	154.01 8.43 -20.56	143.12 5.54 -57.16	131.48 7.07 -19.66	142.47 2.33 -106.59	109.47 3.24 -59.74	147.10 8.92 -4.07	112.67 6.68 -0.41
INDIAN POINT_GT_3 24019	123.74 7.81 -2.31	129.95 7.34 -11.17	134.70 2.31 -96.18	108.63 1.99 -75.42	102.85 1.93 -70.36	144.62 8.29 -3.10	113.81 4.27 -44.13	149.55 1.96 -117.63	145.91 2.13 -112.53	139.57 2.77 -97.01	99.87 2.76 -59.78	105.80 4.17 -45.70	78.04 2.86 -34.13	105.95 4.29 -38.51	95.99 2.40 -58.58	89.99 3.31 -38.46	109.06 4.70 -33.65	154.01 8.43 -20.56	143.12 5.54 -57.16	131.48 7.07 -19.66	142.47 2.33 -106.59	109.47 3.24 -59.74	147.10 8.92 -4.07	112.67 6.68 -0.41
INDIAN POINT___2 23530	123.44 7.55 -2.28	129.57 7.12 -11.02	133.33 2.24 -94.88	107.55 1.92 -74.40	101.83 1.86 -69.42	144.27 7.98 -3.06	113.08 4.14 -43.54	147.90 1.90 -116.04	144.33 2.06 -111.01	138.18 2.68 -95.71	98.98 2.68 -58.97	105.04 4.02 -45.08	77.47 2.75 -33.67	105.28 4.15 -37.99	95.11 2.31 -57.79	89.36 3.20 -37.94	108.40 4.50 -33.19	153.38 8.08 -20.27	142.14 5.34 -56.37	130.97 6.84 -19.38	140.96 2.26 -105.16	108.55 3.13 -58.93	146.73 8.60 -4.01	112.42 6.44 -0.40
INDIAN POINT___3 23531	123.53 7.60 -2.31	129.78 7.17 -11.18	134.71 2.26 -96.24	108.64 1.94 -75.47	102.85 1.88 -70.41	144.41 8.08 -3.10	113.74 4.18 -44.16	149.59 1.92 -117.70	145.95 2.09 -112.61	139.58 2.71 -97.08	99.84 2.69 -59.81	105.73 4.06 -45.73	77.98 2.78 -34.15	105.87 4.19 -38.54	95.97 2.34 -58.62	89.94 3.23 -38.48	108.95 4.56 -33.68	153.78 8.19 -20.57	143.03 5.41 -57.20	131.33 6.91 -19.67	142.49 2.27 -106.67	109.43 3.16 -59.78	146.87 8.69 -4.07	112.49 6.50 -0.41
INGHAM_C_115KV_TB7 356103	118.92 5.30 0.00	116.35 4.92 0.00	37.84 1.63 0.00	32.57 1.35 0.00	31.86 1.30 0.00	138.35 5.13 0.00	68.13 2.73 0.00	31.20 1.24 0.00	32.30 1.05 0.00	40.87 1.08 0.00	38.06 0.72 0.00	57.22 1.18 -0.10	42.32 1.05 -0.22	65.09 1.89 -0.06	35.86 0.85 0.00	49.99 1.77 0.00	73.60 2.89 0.00	130.74 5.72 0.00	84.45 4.03 0.00	109.62 4.87 0.00	35.15 1.60 0.00	48.69 2.19 0.00	140.43 6.31 0.00	110.01 4.43 0.00
IP CORINTH___1 23988	127.62 11.05 -2.95	136.17 10.46 -14.28	162.48 3.41 -122.86	130.49 2.91 -96.34	123.30 2.85 -89.89	149.69 12.51 -3.96	127.98 6.21 -56.38	183.12 2.90 -150.26	178.05 3.04 -143.76	167.24 3.52 -123.93	116.81 3.12 -76.36	118.99 4.67 -58.38	88.16 3.51 -43.60	117.69 5.35 -49.20	112.80 2.96 -74.84	102.04 4.69 -49.13	162.83 7.21 -84.92	234.53 12.97 -96.54	249.59 8.47 -160.70	190.51 10.78 -74.98	177.22 3.43 -140.25	140.84 4.60 -89.75	162.33 12.69 -15.53	117.27 9.91 -1.79

IP___TICONDEROGA 23804	133.04 16.48 -2.95	140.85 15.16 -14.25	163.87 5.02 -122.64	131.63 4.23 -96.17	124.44 4.16 -89.72	155.39 18.21 -3.96	130.57 8.90 -56.28	184.16 4.22 -149.99	179.32 4.58 -143.49	168.72 5.22 -123.71	117.93 4.38 -76.22	120.59 6.38 -58.27	89.23 4.66 -43.52	119.22 6.97 -49.11	113.65 3.94 -74.70	104.11 6.84 -49.04	165.69 10.85 -84.14	239.91 19.58 -95.30	252.48 12.98 -159.08	195.50 16.66 -74.09	178.85 5.37 -139.93	142.88 7.00 -89.38	168.42 18.96 -15.34	122.08 14.73 -1.76
ISLIP_RES_REC 323679	127.80 11.85 -2.33	133.82 11.10 -11.29	136.82 3.46 -97.15	110.41 3.00 -76.18	104.54 2.91 -71.07	148.63 12.27 -3.13	115.99 6.01 -44.58	151.54 2.77 -118.81	147.96 3.05 -113.66	141.77 3.99 -97.99	126.19 4.22 -84.63	155.81 6.34 -93.53	98.89 4.28 -53.56	108.52 6.47 -38.90	97.70 3.53 -59.17	144.99 5.07 -91.71	177.25 7.50 -99.04	158.79 12.60 -21.17	153.61 8.57 -64.61	298.86 11.30 -182.82	157.60 3.62 -120.44	155.43 5.05 -103.88	154.42 13.98 -6.32	138.91 10.65 -22.68
JAMAICA__27_KV_LOAD 355505	125.45 9.50 -2.33	131.70 8.98 -11.29	136.20 2.81 -97.17	109.84 2.41 -76.20	104.00 2.35 -71.09	146.45 10.09 -3.13	115.10 5.11 -44.59	151.20 2.40 -118.84	147.50 2.55 -113.70	141.27 3.46 -98.02	101.14 3.41 -60.39	107.24 5.13 -46.17	79.09 3.56 -34.48	107.47 5.42 -38.91	97.16 2.96 -59.19	91.15 4.07 -38.86	110.34 5.63 -34.00	155.76 9.97 -20.77	144.82 6.65 -57.75	133.12 8.51 -19.86	144.10 2.85 -107.70	110.80 3.95 -60.35	149.17 10.95 -4.11	114.20 8.21 -0.41
JANIS___SOLAR 323808	145.89 2.97 -29.30	124.60 2.50 -10.67	64.60 0.73 -27.66	61.57 0.60 -29.74	52.07 0.64 -20.86	188.11 3.24 -51.65	100.56 1.60 -33.56	68.83 0.75 -38.12	65.18 0.66 -33.27	76.73 0.44 -36.49	55.76 0.02 -18.40	72.07 -0.11 -16.24	74.56 -0.02 -33.53	82.98 -0.16 -20.00	55.64 0.11 -20.52	62.62 0.67 -13.73	88.60 2.56 -15.33	143.62 5.71 -12.89	107.58 4.05 -23.11	221.39 5.26 -111.38	84.64 1.82 -49.27	71.55 2.28 -22.77	203.31 5.74 -63.45	130.47 3.71 -21.17
JARVIS____ 23743	114.53 0.92 0.00	112.31 0.88 0.00	36.50 0.29 0.00	31.49 0.26 0.00	30.80 0.24 0.00	134.28 1.05 0.00	65.92 0.52 0.00	30.17 0.21 0.00	31.49 0.24 0.00	40.05 0.26 0.00	37.62 0.29 0.00	56.48 0.45 -0.10	41.59 0.32 -0.22	63.71 0.50 -0.06	35.26 0.25 0.00	48.61 0.39 0.00	71.23 0.53 0.00	126.02 1.00 0.00	81.15 0.72 0.00	105.65 0.90 0.00	33.85 0.30 0.00	46.91 0.42 0.00	135.23 1.11 0.00	106.42 0.84 0.00
JENNISON___1 23625	122.79 2.35 -6.82	118.48 1.65 -5.40	70.67 0.36 -34.10	59.98 0.32 -28.43	56.04 0.42 -25.06	147.59 2.66 -11.70	86.48 1.42 -19.66	72.52 0.75 -41.82	71.16 0.36 -39.55	75.73 0.28 -35.65	58.67 0.33 -21.00	72.44 0.20 -16.30	58.02 0.15 -16.81	78.19 0.33 -14.72	56.34 0.59 -20.75	63.01 1.25 -13.54	88.59 3.32 -14.56	142.95 6.32 -11.61	110.64 4.52 -25.70	141.96 6.08 -31.13	76.57 2.04 -40.99	71.16 2.43 -22.23	153.90 5.89 -13.89	112.66 3.20 -3.88
JENNISON___2 23626	122.79 2.35 -6.82	118.48 1.65 -5.40	70.67 0.36 -34.10	59.98 0.32 -28.43	56.04 0.42 -25.06	147.59 2.66 -11.70	86.48 1.42 -19.66	72.52 0.75 -41.82	71.16 0.36 -39.55	75.73 0.28 -35.65	58.67 0.33 -21.00	72.44 0.20 -16.30	58.02 0.15 -16.81	78.19 0.33 -14.72	56.34 0.59 -20.75	63.01 1.25 -13.54	88.59 3.32 -14.56	142.95 6.32 -11.61	110.64 4.52 -25.70	141.96 6.08 -31.13	76.57 2.04 -40.99	71.16 2.43 -22.23	153.90 5.89 -13.89	112.66 3.20 -3.88
JERICHO_RISE_WT_PWR 323719	111.34 -2.27 0.00	109.30 -2.13 0.00	35.30 -0.91 0.00	30.28 -0.95 0.00	29.66 -0.90 0.00	128.99 -4.23 0.00	63.11 -2.29 0.00	28.89 -1.07 0.00	30.04 -1.21 0.00	38.34 -1.44 0.00	37.96 -1.53 -2.16	53.76 -2.42 -0.25	39.77 -1.65 -0.37	66.18 -2.58 -5.61	33.81 -1.20 0.00	46.87 -1.35 0.00	69.97 -0.74 0.00	123.33 -1.70 0.00	78.39 -2.04 0.00	101.82 -2.93 0.00	32.29 -1.26 0.00	45.01 -1.49 0.00	132.08 -2.03 0.00	104.04 -1.54 0.00
KATONAH___115KV_46KV_TB4 355592	125.07 9.09 -2.36	131.45 8.58 -11.43	137.32 2.71 -98.40	110.72 2.33 -77.16	104.81 2.26 -71.99	146.14 9.74 -3.17	115.55 5.00 -45.15	152.60 2.30 -120.34	148.87 2.49 -115.13	142.27 3.23 -99.25	101.66 3.17 -61.16	107.45 4.75 -46.75	79.29 3.32 -34.92	107.56 5.02 -39.40	97.73 2.79 -59.94	91.44 3.88 -39.35	110.71 5.55 -34.45	156.03 9.94 -21.07	145.49 6.54 -58.53	133.24 8.35 -20.14	145.33 2.73 -109.06	111.37 3.75 -61.12	148.63 10.35 -4.17	113.82 7.83 -0.42
KCE_NY_1 323755	125.40 8.85 -2.94	134.25 8.59 -14.23	161.41 2.73 -122.46	129.61 2.35 -96.03	122.44 2.29 -89.59	147.20 10.03 -3.95	126.56 4.97 -56.19	182.03 2.30 -149.77	176.92 2.38 -143.28	166.14 2.83 -123.53	115.99 2.54 -76.11	118.07 3.95 -58.18	87.43 2.93 -43.45	116.67 4.49 -49.04	112.05 2.45 -74.59	101.00 3.81 -48.97	160.00 5.78 -83.51	229.70 10.36 -94.32	244.94 6.71 -157.80	186.67 8.53 -73.38	175.94 2.72 -139.68	139.25 3.67 -89.09	159.65 10.34 -15.20	115.31 7.99 -1.75
KCE_NY_6_ESR 323823	93.17 -9.30 11.15	98.40 -9.36 3.67	48.55 -3.11 -15.45	37.36 -2.71 -8.83	38.54 -2.70 -10.69	100.64 -11.91 20.67	51.24 -5.50 8.67	28.28 -2.91 -1.23	34.94 -2.97 -6.66	36.77 -4.04 -1.02	33.93 -3.57 -0.17	45.58 -5.31 5.05	27.46 -4.30 9.30	42.78 -6.64 13.73	23.04 -3.78 8.18	35.31 -4.68 8.23	47.39 -6.64 16.68	92.79 -11.64 20.60	60.33 -7.40 12.70	37.56 -10.12 57.06	20.71 -3.25 9.58	30.95 -4.70 10.85	71.58 -13.77 48.76	71.76 -10.07 23.75
KEDC_PORT_JEFF_GT2 24210	127.17 11.22 -2.33	133.26 10.54 -11.29	136.64 3.29 -97.15	110.25 2.84 -76.18	104.39 2.76 -71.07	147.99 11.63 -3.13	115.66 5.68 -44.58	151.37 2.60 -118.81	147.79 2.88 -113.66	141.55 3.77 -97.99	125.99 4.03 -84.63	155.53 6.06 -93.53	98.68 4.08 -53.56	108.23 6.18 -38.90	97.53 3.35 -59.17	144.72 4.80 -91.71	176.83 7.08 -99.04	158.02 11.83 -21.17	153.09 8.05 -64.61	298.17 10.61 -182.82	157.39 3.41 -120.44	155.14 4.77 -103.88	153.62 13.18 -6.32	138.34 10.08 -22.68
KEDC_PORT_JEFF_GT3 24211	127.17 11.22 -2.33	133.26 10.54 -11.29	136.64 3.29 -97.15	110.25 2.84 -76.18	104.39 2.76 -71.07	147.99 11.63 -3.13	115.66 5.68 -44.58	151.37 2.60 -118.81	147.79 2.88 -113.66	141.55 3.77 -97.99	125.99 4.03 -84.63	155.53 6.06 -93.53	98.68 4.08 -53.56	108.23 6.18 -38.90	97.53 3.35 -59.17	144.72 4.80 -91.71	176.83 7.08 -99.04	158.02 11.83 -21.17	153.09 8.05 -64.61	298.17 10.61 -182.82	157.39 3.41 -120.44	155.14 4.77 -103.88	153.62 13.18 -6.32	138.34 10.08 -22.68
KEDC_GLWD_GT4 24219	126.33 10.38 -2.33	132.46 9.74 -11.29	136.40 3.05 -97.15	110.03 2.62 -76.18	104.17 2.54 -71.07	147.16 10.80 -3.13	115.45 5.48 -44.58	151.14 2.37 -118.81	147.54 2.63 -113.66	141.21 3.42 -97.99	125.55 3.58 -84.63	155.03 5.56 -93.53	98.39 3.79 -53.56	107.82 5.78 -38.90	97.36 3.18 -59.17	144.44 4.51 -91.71	175.99 6.24 -99.04	156.97 10.78 -21.17	152.14 7.10 -64.61	296.86 9.30 -182.82	156.98 3.01 -120.44	154.55 4.17 -103.88	151.95 11.52 -6.32	137.04 8.78 -22.68
KEDC_GLWD_GT5 24220	126.33 10.38 -2.33	132.46 9.74 -11.29	136.40 3.05 -97.15	110.03 2.62 -76.18	104.17 2.54 -71.07	147.16 10.80 -3.13	115.45 5.48 -44.58	151.14 2.37 -118.81	147.54 2.63 -113.66	141.21 3.42 -97.99	125.55 3.58 -84.63	155.03 5.56 -93.53	98.39 3.79 -53.56	107.82 5.78 -38.90	97.36 3.18 -59.17	144.44 4.51 -91.71	175.99 6.24 -99.04	156.97 10.78 -21.17	152.14 7.10 -64.61	296.86 9.30 -182.82	156.98 3.01 -120.44	154.55 4.17 -103.88	151.95 11.52 -6.32	137.04 8.78 -22.68

KENSICO____ 23655	124.21 8.27 -2.33	130.46 7.77 -11.27	135.63 2.45 -96.97	109.37 2.10 -76.04	103.54 2.04 -70.94	145.10 8.75 -3.13	114.40 4.50 -44.49	150.63 2.08 -118.59	146.96 2.25 -113.46	140.53 2.93 -97.81	100.51 2.91 -60.26	106.40 4.39 -46.07	78.49 3.03 -34.41	106.55 4.57 -38.83	96.62 2.55 -59.06	90.52 3.53 -38.77	109.62 4.98 -33.93	154.58 8.82 -20.73	143.86 5.81 -57.63	132.02 7.44 -19.82	143.46 2.45 -107.47	110.12 3.39 -60.23	147.57 9.36 -4.10	113.05 7.06 -0.41
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	124.93 9.08 -2.24	130.89 8.63 -10.83	132.14 2.74 -93.19	106.64 2.34 -73.07	101.01 2.28 -68.17	146.13 9.90 -3.01	113.25 5.09 -42.76	146.30 2.38 -113.97	142.83 2.55 -109.03	136.98 3.19 -94.00	98.19 2.94 -57.92	104.67 4.45 -44.28	77.16 3.04 -33.06	105.13 4.67 -37.31	94.33 2.57 -56.76	88.99 3.51 -37.26	109.92 5.48 -33.73	157.12 10.29 -21.80	144.96 6.80 -57.73	133.80 8.67 -20.38	139.74 2.80 -103.39	108.56 3.82 -58.24	148.74 10.40 -4.22	113.73 7.72 -0.43
KIAC_JFK_GT1 23816	124.26 8.31 -2.33	130.55 7.83 -11.29	135.81 2.43 -97.17	109.56 2.14 -76.20	103.71 2.06 -71.09	145.16 8.80 -3.13	114.51 4.52 -44.59	150.92 2.11 -118.84	147.18 2.23 -113.70	140.87 3.07 -98.02	100.74 3.01 -60.39	106.67 4.57 -46.17	78.67 3.14 -34.48	106.81 4.75 -38.91	96.81 2.61 -59.19	90.66 3.58 -38.86	109.61 4.90 -34.00	154.45 8.65 -20.77	143.94 5.77 -57.75	131.99 7.38 -19.86	143.73 2.49 -107.70	110.31 3.46 -60.35	147.88 9.66 -4.11	113.54 7.55 -0.41
KIAC_JFK_GT2 23817	124.26 8.31 -2.33	130.55 7.83 -11.29	135.81 2.43 -97.17	109.56 2.14 -76.20	103.71 2.06 -71.09	145.16 8.80 -3.13	114.51 4.52 -44.59	150.92 2.11 -118.84	147.18 2.23 -113.70	140.87 3.07 -98.02	100.74 3.01 -60.39	106.67 4.57 -46.17	78.67 3.14 -34.48	106.81 4.75 -38.91	96.81 2.61 -59.19	90.66 3.58 -38.86	109.61 4.90 -34.00	154.45 8.65 -20.77	143.94 5.77 -57.75	131.99 7.38 -19.86	143.73 2.49 -107.70	110.31 3.46 -60.35	147.88 9.66 -4.11	113.54 7.55 -0.41
KIAC_JFK____ 323774	124.26 8.31 -2.33	130.55 7.82 -11.29	135.81 2.43 -97.17	109.56 2.14 -76.20	103.71 2.06 -71.09	145.15 8.79 -3.13	114.51 4.52 -44.59	150.92 2.11 -118.84	147.18 2.23 -113.70	140.87 3.06 -98.02	100.74 3.02 -60.39	106.66 4.56 -46.17	78.67 3.14 -34.48	106.81 4.75 -38.91	96.81 2.61 -59.19	90.66 3.58 -38.86	109.61 4.90 -34.00	154.44 8.64 -20.77	143.94 5.77 -57.75	132.02 7.41 -19.86	143.74 2.49 -107.70	110.32 3.47 -60.35	147.91 9.68 -4.11	113.55 7.55 -0.41
KINTIGH____ 23543	96.99 -8.89 7.73	100.78 -8.90 1.75	46.20 -2.89 -12.87	36.54 -2.50 -7.81	37.15 -2.49 -9.07	107.94 -11.10 14.19	56.70 -5.30 3.40	34.29 -2.76 -7.08	38.05 -2.83 -9.63	41.31 -3.86 -5.37	37.35 -3.46 -3.47	50.89 -5.08 -0.03	32.44 -4.07 4.54	51.75 -6.41 4.99	30.67 -3.60 0.73	41.84 -4.54 1.84	57.63 -6.83 6.25	103.99 -12.05 8.99	69.66 -7.61 3.16	58.90 -10.35 35.51	30.36 -3.22 -0.03	39.83 -4.60 2.06	92.26 -13.44 28.42	82.69 -9.85 13.04
KNTFSRNC_46_KV_46KV_LOAD 80397	113.82 0.20 0.00	111.71 0.28 0.00	36.09 -0.12 0.00	30.92 -0.31 0.00	30.27 -0.29 0.00	131.28 -1.95 0.00	64.23 -1.17 0.00	29.43 -0.53 0.00	30.62 -0.63 0.00	38.96 -0.82 0.00	54.79 -1.00 -18.45	69.42 -1.70 -15.18	71.85 -1.12 -31.92	117.14 -1.76 -55.75	34.30 -0.70 0.00	47.62 -0.60 0.00	71.53 0.82 0.00	126.12 1.10 0.00	80.28 -0.15 0.00	104.04 -0.71 0.00	32.97 -0.57 0.00	45.83 -0.67 0.00	134.36 0.24 0.00	106.16 0.58 0.00
LACHUTE__HYDRO 323717	133.04 16.48 -2.95	140.84 15.16 -14.25	163.88 5.02 -122.64	131.63 4.23 -96.17	124.44 4.16 -89.72	155.38 18.20 -3.96	130.57 8.90 -56.28	184.16 4.22 -149.99	179.32 4.58 -143.49	168.71 5.22 -123.71	117.94 4.38 -76.22	120.59 6.38 -58.27	89.22 4.65 -43.52	119.23 6.97 -49.11	113.64 3.94 -74.70	104.10 6.84 -49.04	165.69 10.85 -84.14	239.91 19.59 -95.30	252.49 12.99 -159.08	195.50 16.66 -74.09	178.84 5.36 -139.93	142.88 7.00 -89.38	168.42 18.96 -15.34	122.08 14.73 -1.76
LAWRNCV_115KV_TB1 80681	112.64 -0.98 0.00	110.46 -0.98 0.00	35.83 -0.38 0.00	30.78 -0.45 0.00	30.19 -0.37 0.00	131.20 -2.02 0.00	63.97 -1.42 0.00	29.30 -0.66 0.00	30.50 -0.75 0.00	38.89 -0.90 0.00	36.44 -0.89 0.00	52.93 -1.54 1.47	36.78 -1.05 3.23	60.72 -1.55 0.87	34.18 -0.83 0.00	47.07 -1.15 0.00	68.88 -1.83 0.00	122.73 -2.29 0.00	78.72 -1.70 0.00	102.90 -1.85 0.00	32.71 -0.83 0.00	45.48 -1.02 0.00	132.63 -1.49 0.00	105.11 -0.47 0.00
LEDERLE____ 23769	123.61 7.75 -2.25	129.62 7.32 -10.87	132.07 2.31 -93.55	106.56 1.97 -73.36	100.90 1.90 -68.44	144.46 8.22 -3.02	112.59 4.27 -42.93	146.34 1.96 -114.41	142.83 2.13 -109.46	136.91 2.76 -94.36	98.22 2.75 -58.14	104.51 4.13 -44.45	77.07 2.83 -33.19	104.83 4.22 -37.46	94.36 2.37 -56.98	88.90 3.27 -37.41	108.09 4.66 -32.72	153.46 8.46 -19.97	141.58 5.59 -55.57	131.01 7.16 -19.11	139.58 2.36 -103.68	107.85 3.26 -58.10	146.99 8.92 -3.95	112.62 6.65 -0.39
LIGHTHSE_115KV_TB6 355974	110.78 -3.00 -0.16	108.91 -3.32 -0.80	42.02 -1.05 -6.86	35.76 -0.84 -5.38	34.72 -0.86 -5.02	129.46 -3.98 -0.22	66.69 -1.86 -3.15	37.59 -0.76 -8.39	38.53 -0.74 -8.03	45.59 -1.12 -6.92	40.42 -1.18 -4.26	57.15 -1.93 -3.13	41.73 -1.48 -2.16	63.69 -2.13 -2.67	38.02 -1.17 -4.18	49.45 -1.52 -2.74	70.62 -1.53 -1.44	123.21 81.53 -0.07	81.53 -1.88 -2.18	104.02 -1.07 -0.26	40.74 -0.31 -7.51	49.70 -0.75 -3.95	131.61 -2.56 -0.05	103.44 -2.14 0.00
LINDEN COGEN____ 23786	-89.81 8.34 211.76	13.73 7.73 105.42	35.11 2.39 3.50	35.11 2.05 -1.83	35.11 1.99 -2.56	36.60 8.56 105.18	64.29 4.43 5.55	57.11 2.06 -25.09	42.45 2.24 -8.97	35.11 2.94 7.62	-1076.50 2.98 1116.81	-322.42 4.51 382.88	-11.26 3.10 55.41	-399.73 4.68 467.56	35.11 2.60 2.49	10.72 3.54 41.04	57.33 4.83 18.20	129.80 8.33 3.56	122.31 5.56 -36.32	92.41 7.10 19.44	92.01 2.33 -56.13	24.04 3.28 25.73	-1606.57 9.15 1749.83	-561.19 6.92 673.69
LINDHRST_69_KV_BK1 356055	127.12 11.17 -2.33	133.19 10.47 -11.29	136.63 3.28 -97.15	110.23 2.82 -76.18	104.36 2.73 -71.07	147.94 11.58 -3.13	115.77 5.79 -44.58	151.41 2.64 -118.81	147.83 2.92 -113.66	141.60 3.82 -97.99	125.94 3.98 -84.63	155.47 6.00 -93.53	98.69 4.09 -53.56	108.20 6.15 -38.90	97.60 3.42 -59.17	144.78 4.85 -91.71	176.86 7.11 -99.04	158.32 12.13 -21.17	153.07 8.04 -64.61	298.17 10.60 -182.82	157.41 3.43 -120.44	155.15 4.78 -103.88	153.61 13.17 -6.32	138.34 10.08 -22.68
LIPA_MISC_IPP 23656	126.96 11.01 -2.33	133.02 10.30 -11.29	136.57 3.21 -97.15	110.18 2.78 -76.18	104.32 2.69 -71.07	147.73 11.38 -3.13	115.39 5.41 -44.58	151.24 2.48 -118.81	147.67 2.75 -113.66	141.39 3.61 -97.99	125.89 3.93 -84.63	155.36 5.90 -93.53	98.55 3.94 -53.56	108.03 5.98 -38.90	97.42 3.24 -59.17	144.58 4.65 -91.71	176.69 6.94 -99.04	157.46 11.27 -21.17	152.95 7.91 -64.61	298.00 10.43 -182.82	157.33 3.35 -120.44	155.11 4.73 -103.88	153.53 13.09 -6.32	138.16 9.90 -22.68
LISF__SOLAR 323691	127.20 11.25 -2.33	133.25 10.53 -11.29	136.64 3.28 -97.15	110.24 2.84 -76.18	104.38 2.75 -71.07	147.99 11.63 -3.13	115.52 5.54 -44.58	151.30 2.53 -118.81	147.73 2.82 -113.66	141.46 3.68 -97.99	125.97 4.00 -84.63	155.47 6.01 -93.53	98.62 4.01 -53.56	108.14 6.10 -38.90	97.47 3.29 -59.17	144.67 4.74 -91.71	176.83 7.08 -99.04	157.73 11.54 -21.17	153.13 8.09 -64.61	298.29 10.72 -182.82	157.42 3.44 -120.44	155.22 4.84 -103.88	153.81 13.38 -6.32	138.37 10.11 -22.68

LITTLE FALLS___HYD 24013	118.92 5.30 0.00	116.35 4.92 0.00	37.84 1.63 0.00	32.57 1.35 0.00	31.86 1.30 0.00	138.35 5.13 0.00	68.13 2.73 0.00	31.20 1.24 0.00	32.30 1.05 0.00	40.87 1.08 0.00	38.06 0.72 0.00	57.22 1.18 -0.10	42.32 1.05 -0.22	65.09 1.89 -0.06	35.86 0.85 0.00	49.99 1.77 0.00	73.60 2.89 0.00	130.74 5.72 0.00	84.45 4.03 0.00	109.62 4.87 0.00	35.15 1.60 0.00	48.69 2.19 0.00	140.43 6.31 0.00	110.01 4.43 0.00
LITTLRIV_115KV_TB1 356100	114.07 0.45 0.00	111.86 0.43 0.00	36.29 0.08 0.00	31.17 -0.06 0.00	30.58 0.02 0.00	132.78 -0.44 0.00	64.76 -0.63 0.00	29.64 -0.33 0.00	30.86 -0.39 0.00	39.22 -0.57 0.00	36.62 -0.71 0.00	53.09 -1.41 1.43	36.90 -0.99 3.16	60.80 -1.49 0.85	34.22 -0.78 0.00	47.22 -1.01 0.00	69.51 -1.19 0.00	124.33 -0.70 0.00	79.75 -0.67 0.00	104.23 -0.52 0.00	33.10 -0.44 0.00	46.00 -0.50 0.00	134.15 0.04 0.00	106.41 0.83 0.00
LI_NEWBRDGE___DRP 323616	125.31 9.36 -2.33	131.47 8.75 -11.29	136.10 2.74 -97.15	109.77 2.37 -76.18	103.93 2.30 -71.07	146.05 9.69 -3.13	114.87 4.90 -44.58	150.99 2.22 -118.81	147.36 2.45 -113.66	140.99 3.21 -97.99	125.30 3.33 -84.63	154.51 5.04 -93.53	98.03 3.43 -53.56	107.23 5.19 -38.90	97.04 2.86 -59.17	143.97 4.05 -91.71	175.54 5.80 -99.04	156.10 9.91 -21.17	151.62 6.58 -64.61	296.17 8.60 -182.82	156.78 2.80 -120.44	154.28 3.91 -103.88	151.24 10.80 -6.32	136.52 8.26 -22.68
LOCKPORT_115KV_TB60_63_64 80432	94.27 -10.18 9.17	98.63 -10.23 2.57	46.71 -3.45 -13.94	36.49 -2.98 -8.23	37.32 -2.97 -9.74	103.63 -12.68 16.91	53.77 -5.98 5.64	31.35 -3.16 -4.55	36.34 -3.23 -8.32	38.88 -4.40 -3.49	35.41 -3.97 -2.04	47.90 -5.89 2.15	29.73 -4.76 6.57	46.93 -7.49 8.73	26.85 -4.22 3.93	38.36 -5.28 4.58	52.15 -7.90 10.66	97.34 -13.83 13.86	65.40 -8.73 6.29	49.13 -11.77 43.85	25.85 -3.68 4.01	35.43 -5.27 5.79	81.84 -15.46 36.81	76.59 -11.39 17.60
LOCKPORT___CC1 323769	93.58 -10.71 9.32	97.99 -10.69 2.75	46.68 -3.58 -14.05	36.41 -3.09 -8.27	37.27 -3.09 -9.79	102.56 -13.43 17.24	52.96 -6.30 6.14	30.37 -3.30 -3.71	35.66 -3.38 -7.79	38.10 -4.59 -2.90	34.84 -4.06 -1.58	47.07 -6.10 2.78	29.17 -4.92 6.97	45.76 -7.69 9.70	25.79 -4.38 4.84	37.39 -5.49 5.34	50.80 -8.04 11.86	95.46 -14.23 15.33	59.98 -9.12 11.32	46.86 -12.25 45.65	24.53 -3.86 5.15	34.16 -5.49 6.84	79.31 -16.16 38.64	75.06 -11.90 18.62
LOCKPORT___CC2 323770	93.58 -10.71 9.32	97.99 -10.69 2.75	46.68 -3.58 -14.05	36.41 -3.09 -8.27	37.27 -3.09 -9.79	102.56 -13.43 17.24	52.96 -6.30 6.14	30.37 -3.30 -3.71	35.66 -3.38 -7.79	38.10 -4.59 -2.90	34.84 -4.06 -1.58	47.07 -6.10 2.78	29.17 -4.92 6.97	45.76 -7.69 9.70	25.79 -4.38 4.84	37.39 -5.49 5.34	50.80 -8.04 11.86	95.46 -14.23 15.33	59.98 -9.12 11.32	46.86 -12.25 45.65	24.53 -3.86 5.15	34.16 -5.49 6.84	79.31 -16.16 38.64	75.06 -11.90 18.62
LOCKPORT___CC3 323771	93.58 -10.71 9.32	97.99 -10.69 2.75	46.68 -3.58 -14.05	36.41 -3.09 -8.27	37.27 -3.09 -9.79	102.56 -13.43 17.24	52.96 -6.30 6.14	30.37 -3.30 -3.71	35.66 -3.38 -7.79	38.10 -4.59 -2.90	34.84 -4.06 -1.58	47.07 -6.10 2.78	29.17 -4.92 6.97	45.76 -7.69 9.70	25.79 -4.38 4.84	37.39 -5.49 5.34	50.80 -8.04 11.86	95.46 -14.23 15.33	59.98 -9.12 11.32	46.86 -12.25 45.65	24.53 -3.86 5.15	34.16 -5.49 6.84	79.31 -16.16 38.64	75.06 -11.90 18.62
LONG_LAKE_PHOENIX 24014	110.63 -3.17 -0.18	109.11 -3.22 -0.89	42.89 -1.02 -7.70	36.46 -0.81 -6.04	35.36 -0.83 -5.63	129.58 -3.89 -0.25	67.11 -1.82 -3.53	38.61 -0.77 -9.42	39.52 -0.74 -9.01	46.45 -1.11 -7.77	41.12 -1.00 -4.79	58.09 -1.50 -3.66	42.64 -1.14 -2.73	64.43 -1.80 -3.08	38.75 -0.95 -4.69	50.12 -1.18 -3.08	70.73 -1.60 -1.62	122.43 -2.66 -0.07	81.21 -1.66 -2.45	102.72 -2.33 -0.30	41.30 -0.68 -8.43	49.84 -1.10 -4.44	130.60 -3.57 -0.06	102.60 -2.98 0.00
LOVETT___3 23632	123.02 7.14 -2.26	129.05 6.71 -10.91	132.23 2.13 -93.89	106.67 1.82 -73.63	101.00 1.75 -68.69	143.80 7.55 -3.03	112.42 3.93 -43.09	146.60 1.80 -114.83	143.08 1.97 -109.86	137.05 2.54 -94.71	98.24 2.55 -58.36	104.38 3.83 -44.61	76.98 2.62 -33.32	104.65 3.91 -37.60	94.39 2.19 -57.19	88.79 3.02 -37.55	107.81 4.26 -32.84	152.78 7.71 -20.05	141.29 5.09 -55.78	130.45 6.52 -19.17	139.76 2.15 -104.06	107.80 2.99 -58.31	146.25 8.17 -3.97	112.05 6.08 -0.40
LOVETT___4 23642	123.02 7.14 -2.26	129.05 6.71 -10.91	132.23 2.13 -93.89	106.67 1.82 -73.63	101.00 1.75 -68.69	143.80 7.55 -3.03	112.42 3.93 -43.09	146.60 1.80 -114.83	143.08 1.97 -109.86	137.05 2.54 -94.71	98.24 2.55 -58.36	104.38 3.83 -44.61	76.98 2.62 -33.32	104.65 3.91 -37.60	94.39 2.19 -57.19	88.79 3.02 -37.55	107.81 4.26 -32.84	152.78 7.71 -20.05	141.29 5.09 -55.78	130.45 6.52 -19.17	139.76 2.15 -104.06	107.80 2.99 -58.31	146.25 8.17 -3.97	112.05 6.08 -0.40
LOVETT___5 23593	123.02 7.14 -2.26	129.05 6.71 -10.91	132.23 2.13 -93.89	106.67 1.82 -73.63	101.00 1.75 -68.69	143.80 7.55 -3.03	112.42 3.93 -43.09	146.60 1.80 -114.83	143.08 1.97 -109.86	137.05 2.54 -94.71	98.24 2.55 -58.36	104.38 3.83 -44.61	76.98 2.62 -33.32	104.65 3.91 -37.60	94.39 2.19 -57.19	88.79 3.02 -37.55	107.81 4.26 -32.84	152.78 7.71 -20.05	141.29 5.09 -55.78	130.45 6.52 -19.17	139.76 2.15 -104.06	107.80 2.99 -58.31	146.25 8.17 -3.97	112.05 6.08 -0.40
LOWER RAQUET___HYD 24057	112.59 -1.03 0.00	110.37 -1.06 0.00	35.80 -0.41 0.00	30.75 -0.48 0.00	30.17 -0.39 0.00	130.98 -2.24 0.00	63.80 -1.60 0.00	29.21 -0.75 0.00	30.42 -0.83 0.00	38.78 -1.01 0.00	36.32 -1.01 0.00	52.83 -1.70 1.40	36.79 -1.17 3.09	60.56 -1.75 0.84	34.07 -0.94 0.00	46.94 -1.28 0.00	68.77 -1.93 0.00	122.49 -2.53 0.00	78.55 -1.87 0.00	102.72 -2.03 0.00	32.64 -0.91 0.00	45.40 -1.10 0.00	132.56 -1.55 0.00	105.12 -0.47 0.00
LOWER___HUDSON 24059	123.38 6.87 -2.89	131.96 6.55 -13.97	158.58 2.10 -120.27	127.38 1.84 -94.31	120.32 1.77 -87.99	144.80 7.69 -3.88	124.43 3.85 -55.19	178.78 1.74 -147.09	173.78 1.81 -140.72	163.35 2.25 -121.31	114.17 2.09 -74.75	116.24 3.15 -57.14	86.07 2.35 -42.67	114.87 3.57 -48.16	110.25 1.99 -73.26	99.24 2.93 -48.09	149.96 4.36 -74.89	213.31 7.61 -80.67	225.46 4.97 -140.07	174.71 6.36 -63.60	172.07 2.04 -136.48	134.52 2.81 -85.21	155.25 7.96 -13.17	113.31 6.23 -1.50
LOWVILLE_115KV_TB2 356335	112.58 -1.11 -0.08	109.64 -2.18 -0.39	38.83 -0.72 -3.34	33.18 -0.66 -2.62	32.38 -0.62 -2.44	130.68 -2.65 -0.11	65.53 -1.40 -1.53	33.49 -0.55 -4.08	34.64 -0.51 -3.90	42.39 -0.77 -3.37	38.49 -0.91 -2.07	55.65 -1.54 -1.25	40.33 -1.16 -0.44	62.83 -1.46 -1.13	36.07 -0.96 -2.03	48.37 -1.19 -1.33	70.69 -0.72 -0.70	125.40 0.34 -0.03	82.15 0.66 -1.06	107.52 2.64 -0.13	37.71 0.51 -3.65	48.58 0.16 -1.92	134.47 0.33 -0.03	106.10 0.52 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	125.30 8.74 -2.94	134.05 8.39 -14.23	161.39 2.72 -122.46	129.59 2.33 -96.03	122.42 2.27 -89.59	147.10 9.93 -3.95	126.51 4.91 -56.19	182.00 2.27 -149.77	176.89 2.35 -143.28	166.11 2.79 -123.53	115.97 2.52 -76.11	117.97 3.85 -58.18	87.40 2.89 -43.45	116.61 4.43 -49.04	112.02 2.42 -74.59	100.92 3.73 -48.97	159.93 5.71 -83.51	229.57 10.23 -94.32	244.85 6.63 -157.80	186.57 8.43 -73.38	175.92 2.69 -139.68	139.22 3.64 -89.09	159.47 10.16 -15.20	115.22 7.89 -1.75

LUTHERNY_35_KV_BK2 355980	125.40 8.85 -2.94	134.24 8.58 -14.23	161.41 2.73 -122.46	129.60 2.35 -96.03	122.44 2.29 -89.59	147.20 10.02 -3.95	126.56 4.97 -56.19	182.03 2.30 -149.77	176.92 2.38 -143.28	166.15 2.83 -123.53	115.99 2.54 -76.11	118.08 3.95 -58.18	87.44 2.93 -43.45	116.67 4.49 -49.04	112.05 2.45 -74.59	101.00 3.81 -48.97	160.02 5.80 -83.51	229.70 10.36 -94.32	244.93 6.71 -157.80	186.67 8.53 -73.38	175.94 2.72 -139.68	139.25 3.67 -89.09	159.65 10.34 -15.20	115.32 7.99 -1.75
LWR___OSWEGATCHIE_HYD 23850	112.24 -1.43 -0.06	109.82 -1.90 -0.29	38.04 -0.65 -2.48	32.53 -0.65 -1.95	31.79 -0.59 -1.81	130.41 -2.90 -0.08	64.83 -1.70 -1.14	32.24 -0.75 -3.03	33.37 -0.78 -2.90	41.24 -1.05 -2.50	37.73 -1.14 -1.54	54.30 -1.89 -0.25	38.51 -1.38 1.17	61.68 -1.90 -0.44	35.41 -1.11 -1.51	47.77 -1.44 -0.99	69.70 -1.53 -0.52	123.62 -1.43 -0.02	80.34 -0.87 -0.79	104.72 -0.13 -0.10	35.96 -0.31 -2.71	47.30 -0.63 -1.43	133.16 -0.98 -0.02	105.34 -0.25 0.00
LYONS_FALL_HYD 23570	114.23 0.54 -0.07	111.68 -0.11 -0.36	39.30 -0.04 -3.13	33.62 -0.06 -2.45	32.81 -0.04 -2.29	133.17 -0.16 -0.10	66.75 -0.08 -1.43	33.81 0.03 -3.82	34.99 0.08 -3.66	42.93 -0.02 -3.15	39.15 -0.12 -1.94	57.01 -0.23 -1.30	41.54 -0.20 -0.70	64.11 -0.18 -1.14	36.71 -0.20 -1.91	49.36 -0.11 -1.25	71.89 0.52 -0.66	127.06 2.00 -0.03	83.00 1.59 -0.99	107.97 3.10 -0.12	37.75 0.78 -3.42	48.99 0.70 -1.80	135.92 1.78 -0.03	107.04 1.46 0.00
MADISON___COUNTY_LFGE 323628	116.02 2.27 -0.13	114.36 2.29 -0.64	42.55 0.81 -5.54	36.28 0.71 -4.34	35.31 0.70 -4.05	136.45 3.05 -0.18	69.53 1.59 -2.54	37.51 0.78 -6.77	38.56 0.83 -6.48	46.23 0.86 -5.58	41.55 0.78 -3.44	59.78 1.22 -2.63	43.92 0.91 -1.96	66.45 1.09 -2.22	39.00 0.62 -3.37	51.42 0.99 -2.21	73.86 1.99 -1.17	129.01 3.94 -0.05	84.81 2.63 -1.76	108.40 3.43 -0.21	40.69 1.08 -6.06	51.01 1.32 -3.19	137.57 3.41 -0.04	107.95 2.37 0.00
MALONE___115KV_TB1 356076	113.87 0.25 0.00	111.66 0.22 0.00	36.10 -0.11 0.00	30.97 -0.25 0.00	30.35 -0.21 0.00	131.99 -1.24 0.00	64.54 -0.85 0.00	29.58 -0.38 0.00	30.80 -0.45 0.00	39.27 -0.53 0.00	38.40 -0.65 -1.71	54.72 -1.14 0.08	40.00 -0.74 0.32	66.24 -1.20 -4.29	34.48 -0.53 0.00	47.81 -0.41 0.00	71.63 0.92 0.00	126.13 1.11 0.00	80.30 -0.12 0.00	104.45 -0.30 0.00	33.10 -0.44 0.00	46.06 -0.43 0.00	134.79 0.67 0.00	106.23 0.64 0.00
MAPLEWOD_115KV_TB3 80458	122.31 5.83 -2.87	130.86 5.53 -13.89	157.54 1.75 -119.57	126.57 1.58 -93.76	119.57 1.53 -87.48	143.53 6.45 -3.86	123.52 3.25 -54.87	177.64 1.44 -146.24	172.66 1.51 -139.90	162.28 1.88 -120.61	113.46 1.81 -74.32	115.45 2.70 -56.81	85.54 2.06 -42.43	114.14 3.11 -47.88	109.60 1.76 -72.83	98.62 2.59 -47.81	141.48 3.70 -67.07	199.36 6.48 -67.86	208.44 4.19 -123.83	164.52 5.32 -54.45	170.25 1.73 -134.98	131.27 2.42 -82.35	152.41 7.02 -11.27	112.40 5.55 -1.27
MAPLE_RIDGE_WT_1 323574	111.23 -2.38 0.00	108.65 -2.78 0.00	35.33 -0.88 0.00	30.34 -0.89 0.00	29.68 -0.88 0.00	130.44 -2.78 0.00	63.70 -1.70 0.00	29.11 -0.85 0.00	30.33 -0.93 0.00	38.69 -1.10 0.00	36.22 -1.11 0.00	51.14 -1.76 3.05	33.14 -1.21 6.70	59.45 -1.89 1.81	33.93 -1.07 0.00	46.81 -1.41 0.00	68.76 -1.94 0.00	122.16 -2.86 0.00	78.96 -1.46 0.00	103.24 -1.51 0.00	32.85 -0.70 0.00	45.44 -1.05 0.00	131.32 -2.79 0.00	103.74 -1.84 0.00
MAPLE_RIDGE_WT_2 323611	111.23 -2.38 0.00	108.65 -2.78 0.00	35.33 -0.88 0.00	30.34 -0.89 0.00	29.68 -0.88 0.00	130.44 -2.78 0.00	63.70 -1.70 0.00	29.11 -0.85 0.00	30.33 -0.93 0.00	38.69 -1.10 0.00	36.22 -1.11 0.00	51.14 -1.76 3.05	33.14 -1.21 6.70	59.45 -1.89 1.81	33.93 -1.07 0.00	46.81 -1.41 0.00	68.76 -1.94 0.00	122.16 -2.86 0.00	78.96 -1.46 0.00	103.24 -1.51 0.00	32.85 -0.70 0.00	45.44 -1.05 0.00	131.32 -2.79 0.00	103.74 -1.84 0.00
MARBLE_RIVER_WT_PWR 323696	111.65 -1.97 0.00	109.64 -1.80 0.00	35.39 -0.82 0.00	30.35 -0.88 0.00	29.71 -0.85 0.00	129.11 -4.11 0.00	63.15 -2.24 0.00	28.91 -1.05 0.00	30.08 -1.17 0.00	38.34 -1.45 0.00	10.98 -1.54 24.81	28.96 -2.43 24.55	-12.62 -1.65 52.02	-16.84 -2.57 77.42	33.81 -1.20 0.00	46.90 -1.33 0.00	70.03 -0.68 0.00	123.63 -1.40 0.00	78.60 -1.82 0.00	102.00 -2.75 0.00	32.35 -1.20 0.00	45.06 -1.44 0.00	132.30 -1.82 0.00	104.33 -1.25 0.00
MARSHVLE_115KV_TB1 80742	122.58 5.67 -3.30	132.93 5.53 -15.96	175.40 1.79 -137.40	140.47 1.50 -107.74	132.48 1.40 -100.52	143.97 6.32 -4.43	131.61 3.17 -63.05	199.47 1.47 -168.04	193.22 1.20 -160.76	179.69 1.30 -138.60	123.45 0.72 -85.40	122.59 1.37 -65.28	91.04 1.23 -48.75	120.16 1.99 -55.02	119.76 1.06 -83.69	104.91 1.75 -54.94	156.81 3.36 -82.74	220.29 7.04 -88.23	239.57 4.63 -154.52	179.92 5.87 -69.30	191.00 1.80 -155.65	145.40 2.46 -96.44	154.99 6.52 -14.35	112.00 4.79 -1.63
MARSH_HILL_WT_PWR 323713	75.00 -12.02 26.60	105.30 -10.44 -4.31	51.48 -3.30 -18.57	35.34 -2.99 -7.10	41.95 -2.95 -14.34	74.75 -13.92 44.55	76.30 -5.26 -16.17	105.83 -2.06 -77.92	91.17 -2.06 -61.97	88.55 -3.15 -51.91	77.92 -3.09 -43.68	98.62 -4.67 -47.35	40.11 -4.61 -3.68	116.67 -6.20 -59.72	99.89 -2.89 -67.77	99.32 -3.38 -54.48	145.78 -3.82 -78.89	201.04 -5.38 -81.40	161.26 -3.25 -84.09	75.52 -4.96 24.27	106.82 -1.70 -74.97	118.93 -2.82 -75.25	159.08 -8.98 -33.95	135.11 -7.86 -37.39
MCINTYRE_115KV_TB2 80467	114.87 1.26 0.00	112.72 1.29 0.00	36.58 0.36 0.00	31.41 0.18 0.00	30.82 0.26 0.00	134.05 0.82 0.00	65.49 0.10 0.00	30.00 0.04 0.00	31.23 -0.02 0.00	39.58 -0.21 0.00	36.84 -0.50 0.00	53.34 -1.12 1.48	36.99 -0.79 3.26	61.07 -1.19 0.88	34.40 -0.61 0.00	47.44 -0.78 0.00	69.94 -0.76 0.00	125.77 0.75 0.00	80.73 0.31 0.00	105.43 0.68 0.00	33.49 -0.06 0.00	46.48 -0.02 0.00	135.23 1.12 0.00	107.10 1.52 0.00
MECO_____69_KV_BK1 80468	125.10 8.30 -3.18	134.80 8.00 -15.37	171.07 2.59 -132.26	137.15 2.21 -103.71	129.44 2.12 -96.76	146.87 9.38 -4.27	130.81 4.71 -60.69	193.92 2.20 -161.76	187.94 1.94 -154.76	175.31 2.11 -133.42	120.91 1.37 -82.20	121.00 2.22 -62.84	89.96 1.98 -46.93	119.42 3.31 -52.96	117.20 1.63 -80.57	103.85 2.74 -52.89	161.31 5.32 -85.28	229.82 10.70 -94.11	247.73 6.92 -160.39	186.93 8.78 -73.41	186.66 2.73 -150.38	144.78 3.64 -94.65	159.22 9.91 -15.20	114.70 7.38 -1.74
MENANDS___115KV_TB5 355628	121.67 5.19 -2.87	130.19 4.90 -13.86	157.07 1.54 -119.32	126.20 1.41 -93.56	119.22 1.37 -87.29	142.74 5.67 -3.85	123.05 2.89 -54.75	177.14 1.25 -145.93	172.18 1.32 -139.61	161.82 1.67 -120.36	113.15 1.66 -74.16	115.10 2.47 -56.69	85.27 1.88 -42.34	113.69 2.77 -47.78	109.27 1.58 -72.68	98.27 2.33 -47.71	139.57 3.22 -65.64	196.12 5.55 -65.54	204.88 3.59 -120.86	162.12 4.57 -52.80	169.60 1.49 -134.57	130.39 2.13 -81.76	151.35 6.31 -10.93	111.86 5.05 -1.23
MG INDUSTRY___DRP 24185	121.08 4.66 -2.81	129.47 4.47 -13.57	154.43 1.42 -116.79	124.10 1.30 -91.58	117.27 1.27 -85.44	142.25 5.26 -3.77	121.61 2.62 -53.59	173.91 1.12 -142.83	169.07 1.17 -136.65	158.96 1.36 -117.81	111.20 1.28 -72.59	113.38 1.95 -55.49	83.91 1.42 -41.44	112.24 2.33 -46.76	107.48 1.34 -71.14	96.90 1.98 -46.70	126.14 2.79 -52.64	174.64 4.91 -44.71	177.60 3.14 -94.04	146.62 3.99 -37.88	165.43 1.30 -130.59	124.66 1.85 -76.31	147.43 5.47 -7.84	110.88 4.45 -0.85

MID___OSWEGATCHIE_HYD 23849	112.24 -1.43 -0.06	109.82 -1.90 -0.29	38.04 -0.65 -2.48	32.53 -0.65 -1.95	31.79 -0.59 -1.81	130.41 -2.90 -0.08	64.83 -1.70 -1.14	32.24 -0.75 -3.03	33.37 -0.78 -2.90	41.24 -1.05 -2.50	37.73 -1.14 -1.54	54.30 -1.89 -0.25	38.51 -1.38 1.17	61.68 -1.90 -0.44	35.41 -1.11 -1.51	47.77 -1.44 -0.99	69.70 -1.53 -0.52	123.62 -1.43 -0.02	80.34 -0.87 -0.79	104.72 -0.13 -0.10	35.96 -0.31 -2.71	47.30 -0.63 -1.43	133.16 -0.98 -0.02	105.34 -0.25 0.00
MID___RAQUETTE_HYD 23851	112.59 -1.02 0.00	110.38 -1.05 0.00	35.80 -0.41 0.00	30.75 -0.48 0.00	30.17 -0.39 0.00	130.95 -2.28 0.00	63.79 -1.61 0.00	29.21 -0.75 0.00	30.42 -0.83 0.00	38.77 -1.02 0.00	36.34 -1.00 0.00	52.83 -1.71 1.40	36.78 -1.18 3.09	60.57 -1.75 0.84	34.07 -0.94 0.00	46.94 -1.28 0.00	68.78 -1.93 0.00	122.49 -2.54 0.00	78.54 -1.88 0.00	102.72 -2.03 0.00	32.63 -0.91 0.00	45.40 -1.10 0.00	132.55 -1.57 0.00	105.11 -0.47 0.00
MILLIKEN___1 23584	149.03 0.58 -34.83	123.25 0.49 -11.33	57.55 0.14 -21.20	57.68 0.17 -26.28	46.96 0.15 -16.25	195.29 0.57 -61.50	100.26 0.32 -34.54	60.82 0.24 -30.62	57.10 0.26 -25.59	71.22 0.05 -31.37	51.63 -0.08 -14.37	69.28 -0.13 -13.47	76.67 -0.18 -35.79	81.59 -0.27 -18.72	51.77 -0.10 -16.87	59.67 0.14 -11.30	83.82 0.71 -12.41	137.28 1.92 -10.33	99.33 1.38 -17.53	235.46 1.62 -129.09	79.28 0.58 -45.15	66.12 0.66 -18.96	210.07 1.40 -74.56	131.10 0.66 -24.86
MILLIKEN___2 23585	149.03 0.58 -34.83	123.25 0.49 -11.33	57.55 0.14 -21.20	57.68 0.17 -26.28	46.96 0.15 -16.25	195.29 0.57 -61.50	100.26 0.32 -34.54	60.82 0.24 -30.62	57.10 0.26 -25.59	71.22 0.05 -31.37	51.63 -0.08 -14.37	69.28 -0.13 -13.47	76.67 -0.18 -35.79	81.59 -0.27 -18.72	51.77 -0.10 -16.87	59.67 0.14 -11.30	83.82 0.71 -12.41	137.28 1.92 -10.33	99.33 1.38 -17.53	235.46 1.62 -129.09	79.28 0.58 -45.15	66.12 0.66 -18.96	210.07 1.40 -74.56	131.10 0.66 -24.86
MILLIKEN___DIESEL 23629	149.03 0.58 -34.83	123.25 0.49 -11.33	57.55 0.14 -21.20	57.68 0.17 -26.28	46.96 0.15 -16.25	195.29 0.57 -61.50	100.26 0.32 -34.54	60.82 0.24 -30.62	57.10 0.26 -25.59	71.22 0.05 -31.37	51.63 -0.08 -14.37	69.28 -0.13 -13.47	76.67 -0.18 -35.79	81.59 -0.27 -18.72	51.77 -0.10 -16.87	59.67 0.14 -11.30	83.82 0.71 -12.41	137.28 1.92 -10.33	99.33 1.38 -17.53	235.46 1.62 -129.09	79.28 0.58 -45.15	66.12 0.66 -18.96	210.07 1.40 -74.56	131.10 0.66 -24.86
MILLSEAT___LFGE 323607	97.82 -7.22 8.57	101.94 -7.33 2.16	47.19 -2.50 -13.48	37.13 -2.14 -8.04	37.86 -2.16 -9.46	108.15 -9.31 15.76	56.67 -4.23 4.50	33.74 -2.29 -6.06	38.11 -2.33 -9.18	41.12 -3.26 -4.59	37.30 -2.93 -2.90	50.50 -4.52 0.91	31.64 -3.83 5.57	50.52 -5.95 6.68	29.48 -3.41 2.12	41.07 -4.12 3.04	56.84 -5.69 8.18	104.60 -9.30 11.13	70.43 -5.90 4.09	56.94 -8.25 39.56	29.22 -2.60 1.74	39.03 -3.79 3.67	90.24 -11.39 32.48	82.03 -8.31 15.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	123.88 7.94 -2.32	130.14 7.48 -11.22	135.17 2.36 -96.59	109.00 2.03 -75.74	103.19 1.96 -70.67	144.78 8.44 -3.12	114.08 4.35 -44.32	150.10 2.00 -118.14	146.44 2.17 -113.02	140.05 2.82 -97.43	100.17 2.80 -60.03	106.06 4.23 -45.89	78.23 2.91 -34.28	106.22 4.40 -38.68	96.29 2.45 -58.84	90.24 3.39 -38.62	109.29 4.78 -33.80	154.23 8.55 -20.65	143.46 5.63 -57.41	131.70 7.20 -19.75	142.96 2.36 -107.06	109.78 3.29 -60.00	147.28 9.08 -4.09	112.77 6.79 -0.41
MILLWOOD_13_KV_LOAD 356217	124.07 8.13 -2.32	130.30 7.65 -11.22	135.22 2.41 -96.59	109.04 2.07 -75.74	103.23 2.01 -70.67	144.96 8.62 -3.12	114.17 4.44 -44.32	150.14 2.04 -118.14	146.49 2.22 -113.02	140.10 2.88 -97.43	100.22 2.85 -60.03	106.14 4.30 -45.89	78.30 2.97 -34.28	106.30 4.48 -38.68	96.33 2.49 -58.84	90.30 3.45 -38.62	109.41 4.90 -33.80	154.39 8.72 -20.65	143.60 5.77 -57.41	131.86 7.36 -19.75	143.02 2.42 -107.06	109.85 3.35 -60.00	147.44 9.23 -4.09	112.92 6.93 -0.41
MODEL_CITY_ENERGY 24167	93.18 -10.95 9.48	97.74 -10.97 2.73	46.71 -3.72 -14.21	36.39 -3.19 -8.35	37.28 -3.20 -9.91	102.03 -13.68 17.51	52.92 -6.41 6.06	30.75 -3.37 -4.16	35.97 -3.45 -8.17	38.32 -4.67 -3.20	35.02 -4.14 -1.82	47.21 -6.20 2.53	29.10 -5.00 6.95	45.91 -7.83 9.40	26.05 -4.47 4.48	37.55 -5.61 5.06	51.02 -8.26 11.42	95.57 -14.72 14.73	63.76 -9.45 7.22	46.90 -12.64 45.20	24.90 -3.98 4.67	34.43 -5.65 6.42	79.29 -16.48 38.34	75.05 -12.06 18.48
MODERN_LFGE___ 323580	93.18 -10.95 9.48	97.74 -10.97 2.73	46.71 -3.72 -14.21	36.39 -3.19 -8.35	37.28 -3.20 -9.91	102.03 -13.68 17.51	52.92 -6.41 6.06	30.75 -3.37 -4.16	35.97 -3.45 -8.17	38.32 -4.67 -3.20	35.02 -4.14 -1.82	47.21 -6.20 2.53	29.10 -5.00 6.95	45.91 -7.83 9.40	26.05 -4.47 4.48	37.55 -5.61 5.06	51.02 -8.26 11.42	95.57 -14.72 14.73	63.76 -9.45 7.22	46.90 -12.64 45.20	24.90 -3.98 4.67	34.43 -5.65 6.42	79.29 -16.48 38.34	75.05 -12.06 18.48
MOHAWK_PAPER___DRP 24187	122.31 5.83 -2.87	130.86 5.53 -13.89	157.54 1.75 -119.57	126.57 1.58 -93.76	119.57 1.53 -87.48	143.53 6.45 -3.86	123.52 3.25 -54.87	177.64 1.44 -146.24	172.66 1.51 -139.90	162.28 1.88 -120.61	113.46 1.81 -74.32	115.45 2.70 -56.81	85.54 2.06 -42.43	114.14 3.11 -47.88	109.60 1.76 -72.83	98.62 2.59 -47.81	141.48 3.70 -67.07	199.36 6.48 -67.86	208.44 4.19 -123.83	164.52 5.32 -54.45	170.25 1.73 -134.98	131.27 2.42 -82.35	152.41 7.02 -11.27	112.40 5.55 -1.27
MOHICAN___35_KV_115KV_LD 80490	128.26 11.70 -2.94	136.69 11.03 -14.23	162.32 3.60 -122.51	130.36 3.07 -96.06	123.19 3.01 -89.62	150.36 13.18 -3.95	128.15 6.53 -56.21	182.84 3.05 -149.83	177.79 3.20 -143.34	167.09 3.72 -123.57	116.76 3.29 -76.14	119.08 4.94 -58.21	88.22 3.70 -43.47	117.82 5.62 -49.05	112.76 3.13 -74.62	102.20 4.99 -48.99	162.07 7.69 -83.67	233.38 13.78 -94.58	247.59 9.03 -158.14	189.83 11.51 -73.57	176.96 3.67 -139.74	140.56 4.90 -89.17	162.93 13.58 -15.24	117.89 10.56 -1.75
MONGAUP___HYD 23641	124.07 8.32 -2.13	129.65 7.90 -10.32	127.52 2.50 -88.80	103.00 2.14 -69.63	97.60 2.08 -64.97	145.07 8.98 -2.87	110.75 4.60 -40.75	140.70 2.14 -108.61	137.41 2.25 -103.90	132.05 2.69 -89.57	94.96 2.44 -55.19	102.00 3.87 -42.19	75.10 2.54 -31.51	102.53 3.83 -35.56	91.24 2.14 -54.09	86.77 3.04 -35.51	106.52 4.76 -31.06	153.44 9.47 -18.95	139.44 6.28 -52.74	130.90 8.01 -18.13	134.54 2.57 -98.42	105.15 3.51 -55.15	147.47 9.60 -3.75	113.12 7.17 -0.37
MONTAUK___DIESEL 23721	125.92 9.97 -2.33	131.84 9.12 -11.29	136.18 2.82 -97.15	109.82 2.42 -76.18	103.95 2.32 -71.07	146.29 9.94 -3.13	114.71 4.73 -44.58	150.93 2.16 -118.81	147.38 2.47 -113.66	141.04 3.26 -97.99	125.53 3.57 -84.63	154.73 5.26 -93.53	98.05 3.45 -53.56	107.39 5.35 -38.90	96.99 2.81 -59.17	144.03 4.11 -91.71	176.14 6.39 -99.04	156.24 10.05 -21.17	152.36 7.32 -64.61	297.95 10.38 -182.82	157.27 3.29 -120.44	155.56 5.19 -103.88	155.04 14.61 -6.32	139.61 11.34 -22.68
MOONROAD_115KV_HARTFLD_TB1-2 355988	89.34 -11.95 12.32	96.04 -12.17 3.22	48.35 -4.03 -16.17	36.75 -3.56 -9.07	38.31 -3.54 -11.29	95.64 -15.03 22.55	51.56 -6.67 7.17	32.85 -3.44 -6.33	38.30 -3.46 -10.51	39.65 -4.60 -4.46	36.15 -4.22 -3.04	48.03 -6.15 1.76	27.69 -4.78 8.58	46.54 -7.30 9.30	27.52 -4.04 3.45	39.12 -4.73 4.37	53.47 -6.31 10.93	99.82 -10.62 14.58	66.96 -6.70 6.76	38.40 -10.21 56.14	25.82 -3.50 4.23	35.74 -5.23 5.53	73.88 -15.70 44.54	73.21 -11.99 20.38

MORRIS_RIDGE___SOLAR 323848	85.72 -10.53 17.36	86.57 -10.21 14.65	51.38 -3.21 -18.38	37.59 -2.85 -9.21	39.03 -2.82 -11.28	85.69 -12.88 34.65	18.99 -5.67 40.73	-31.17 -2.56 58.57	-4.75 -2.57 33.43	-5.27 -3.64 41.42	0.57 -3.42 33.34	2.80 -5.13 48.01	2.81 -4.25 33.99	-21.53 -6.19 78.48	-38.58 -3.23 70.35	-15.78 -4.12 59.88	-31.46 -5.30 96.88	9.46 -8.93 106.64	-17.08 -5.57 91.94	-56.08 -7.68 153.16	-54.98 -2.44 86.09	-39.58 -3.73 82.35	-36.07 -11.37 158.81	7.74 -9.25 88.58
MORTIMER_115KV_TB3 55949	102.24 -5.25 6.12	105.87 -5.37 0.19	46.03 -1.74 -11.56	37.00 -1.50 -7.26	37.39 -1.50 -8.33	115.51 -6.77 10.94	63.26 -3.16 -1.02	42.35 -1.62 -14.01	43.51 -1.64 -13.90	47.77 -2.34 -10.32	42.64 -2.08 -7.38	58.24 -3.08 -5.38	37.62 -2.51 0.93	62.68 -3.96 -3.49	39.87 -2.21 -7.06	50.27 -2.68 -4.73	69.29 -3.92 -2.50	118.60 -6.55 -0.13	80.17 -4.12 -3.87	77.12 -5.79 21.84	41.29 -1.79 -9.54	50.30 -2.66 -6.46	113.64 -8.02 12.45	95.71 -5.98 3.89
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	124.81 8.86 -2.34	131.03 8.31 -11.29	135.99 2.59 -97.19	109.66 2.22 -76.21	103.82 2.16 -71.10	145.64 9.28 -3.13	114.78 4.79 -44.59	151.03 2.21 -118.86	147.37 2.40 -113.71	140.97 3.15 -98.03	100.87 3.13 -60.40	106.86 4.74 -46.18	78.81 3.28 -34.49	107.01 4.95 -38.91	96.96 2.75 -59.20	90.88 3.80 -38.86	109.99 5.27 -34.00	155.03 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.82 2.56 -107.71	110.43 3.57 -60.36	148.12 9.89 -4.11	113.47 7.48 -0.41
MUNSVILLE_WIND_PWR 323609	137.50 5.86 -18.02	124.62 5.00 -8.18	68.50 1.39 -30.89	61.41 1.09 -29.08	54.78 1.23 -22.99	171.68 6.80 -31.65	95.55 3.09 -27.06	72.29 1.34 -40.99	69.53 1.15 -37.13	77.64 1.06 -36.78	58.40 0.79 -20.28	73.90 0.98 -16.98	67.39 0.87 -25.47	82.67 1.13 -18.39	57.73 1.06 -21.66	64.96 2.25 -14.48	92.55 5.59 -16.25	149.18 10.51 -13.65	113.54 7.39 -25.72	186.94 9.88 -72.31	83.33 3.44 -46.35	74.61 4.43 -23.67	186.00 11.73 -40.15	127.05 7.99 -13.47
N SALMON___HYD 24042	113.86 0.25 0.00	111.65 0.21 0.00	36.10 -0.11 0.00	30.97 -0.26 0.00	30.35 -0.21 0.00	132.02 -1.20 0.00	64.56 -0.84 0.00	29.58 -0.38 0.00	30.80 -0.45 0.00	39.28 -0.51 0.00	38.38 -0.67 -1.71	54.72 -1.14 0.08	40.01 -0.72 0.32	66.23 -1.20 -4.29	34.49 -0.52 0.00	47.81 -0.41 0.00	71.63 0.92 0.00	126.13 1.11 0.00	80.32 -0.10 0.00	104.45 -0.30 0.00	33.11 -0.44 0.00	46.06 -0.43 0.00	134.79 0.68 0.00	106.23 0.65 0.00
N.AKRON__115KV_KNAPP 355671	96.77 -8.04 8.81	100.98 -8.12 2.32	47.11 -2.77 -13.66	36.96 -2.39 -8.12	37.73 -2.40 -9.57	106.82 -10.18 16.22	55.73 -4.72 4.95	32.89 -2.54 -5.46	37.51 -2.59 -8.84	40.37 -3.58 -4.16	36.65 -3.25 -2.56	49.65 -4.89 1.40	31.04 -4.05 5.97	49.29 -6.37 7.49	28.57 -3.60 2.84	40.21 -4.36 3.65	55.13 -6.41 9.16	102.02 -10.79 12.21	68.70 -6.76 4.96	54.15 -9.34 41.26	28.00 -2.91 2.64	37.74 -4.24 4.51	87.34 -12.58 34.19	80.15 -9.25 16.17
N.BELMOR_69_KV_BK1 55787	126.18 10.23 -2.33	132.32 9.60 -11.29	136.35 3.00 -97.15	109.99 2.58 -76.18	104.13 2.50 -71.07	146.94 10.59 -3.13	115.33 5.35 -44.58	151.19 2.43 -118.81	147.60 2.69 -113.66	141.30 3.52 -97.99	125.60 3.63 -84.63	154.98 5.52 -93.53	98.35 3.75 -53.56	107.73 5.68 -38.90	97.32 3.14 -59.17	144.38 4.46 -91.71	176.19 6.44 -99.04	157.12 10.93 -21.17	152.25 7.21 -64.61	297.01 9.44 -182.82	157.06 3.08 -120.44	154.71 4.33 -103.88	152.35 11.91 -6.32	137.35 9.09 -22.68
N.E_GEN_SANDY PD 24062	145.16 7.46 -24.08	133.10 7.10 -14.56	147.65 2.28 -109.16	124.00 1.97 -90.79	123.07 1.93 -90.58	151.21 8.26 -9.72	129.48 4.17 -59.91	165.33 1.86 -133.50	160.96 1.99 -127.72	143.04 2.55 -100.70	107.62 2.45 -67.84	111.45 3.65 -51.86	82.38 2.60 -38.73	110.79 3.93 -43.71	103.71 2.21 -66.49	95.35 3.18 -43.95	125.21 4.59 -49.92	170.78 8.00 -37.76	180.39 5.25 -94.71	150.97 6.75 -39.47	157.40 2.19 -121.66	119.55 3.04 -70.01	148.99 8.56 -6.32	124.19 6.66 -11.95
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	123.24 7.37 -2.25	129.25 6.92 -10.89	132.12 2.19 -93.72	106.59 1.87 -73.49	100.93 1.80 -68.56	144.03 7.78 -3.02	112.46 4.05 -43.01	146.45 1.86 -114.62	142.93 2.02 -109.66	136.94 2.61 -94.54	98.20 2.61 -58.25	104.41 3.93 -44.53	76.99 2.69 -33.25	104.71 4.03 -37.53	94.36 2.26 -57.09	88.81 3.11 -37.48	107.89 4.40 -32.78	153.00 7.96 -20.01	141.35 5.25 -55.67	130.62 6.73 -19.14	139.64 2.22 -103.87	107.78 3.08 -58.21	146.51 8.44 -3.96	112.26 6.28 -0.39
N.QUEENS_27_KV_LOAD 356247	125.01 9.05 -2.34	131.17 8.45 -11.29	136.04 2.65 -97.18	109.70 2.27 -76.20	103.92 2.26 -71.10	145.90 9.54 -3.13	114.89 4.90 -44.59	151.09 2.28 -118.85	147.53 2.57 -113.71	141.16 3.34 -98.03	100.94 3.21 -60.40	106.98 4.86 -46.17	78.94 3.41 -34.48	107.17 5.11 -38.91	97.03 2.83 -59.20	91.04 3.95 -38.86	110.07 5.35 -34.00	155.54 9.74 -20.77	144.68 6.51 -57.75	132.90 8.29 -19.86	144.01 2.75 -107.71	110.58 3.73 -60.36	148.42 10.20 -4.11	113.58 7.60 -0.41
N.TROY___115KV_TB1 355778	123.38 6.87 -2.89	131.96 6.55 -13.97	158.58 2.10 -120.27	127.38 1.84 -94.31	120.32 1.77 -87.99	144.80 7.70 -3.88	124.43 3.85 -55.19	178.78 1.74 -147.09	173.78 1.81 -140.72	163.36 2.25 -121.31	114.17 2.09 -74.75	116.24 3.16 -57.14	86.07 2.35 -42.67	114.87 3.57 -48.16	110.25 1.99 -73.26	99.24 2.93 -48.09	149.97 4.37 -74.89	213.31 7.61 -80.67	225.46 4.97 -140.07	174.71 6.36 -63.60	172.07 2.04 -136.48	134.52 2.81 -85.21	155.25 7.97 -13.17	113.31 6.24 -1.50
NARROWS_GT1_1 24228	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT1_2 24229	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT1_3 24230	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT1_4 24231	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04

NARROWS_GT1_5 24232	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT1_6 24233	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT1_7 24234	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT1_8 24235	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_1 24236	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_2 24237	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_3 24238	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_4 24239	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_5 24240	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_6 24241	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_7 24242	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NARROWS_GT2_8 24243	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	123.90 7.56 -2.72	131.81 7.22 -13.15	151.65 2.23 -113.21	122.00 2.00 -88.77	115.35 1.97 -82.82	145.46 8.59 -3.65	121.48 4.14 -51.95	170.21 1.80 -138.46	165.59 1.88 -132.46	156.17 2.19 -114.19	109.60 1.91 -70.36	112.46 2.73 -53.79	83.14 1.92 -40.17	111.55 3.08 -45.33	105.81 1.85 -68.96	96.39 2.90 -45.27	126.11 4.38 -51.02	176.80 8.45 -43.32	176.99 5.44 -91.13	148.23 6.77 -36.70	162.26 2.14 -126.58	123.40 2.93 -73.97	150.51 8.79 -7.60	113.70 7.30 -0.82
NCHELSEA_115KV_TR2 355582	125.01 9.05 -2.34	131.30 8.56 -11.30	136.23 2.72 -97.29	109.86 2.34 -76.30	104.01 2.27 -71.18	146.18 9.82 -3.14	115.06 5.01 -44.65	151.27 2.31 -118.99	147.57 2.48 -113.84	141.10 3.17 -98.14	100.88 3.07 -60.47	106.81 4.64 -46.23	78.81 3.24 -34.52	107.00 4.89 -38.96	96.99 2.72 -59.27	90.95 3.82 -38.91	110.50 5.60 -34.19	156.19 10.12 -21.04	145.21 6.65 -58.13	133.28 8.47 -20.06	144.15 2.75 -107.85	110.75 3.77 -60.48	148.66 10.39 -4.15	113.81 7.81 -0.42
NEG CAPITAL___MECHNVIL 23645	125.38 8.84 -2.93	134.04 8.46 -14.15	160.73 2.73 -121.78	129.07 2.35 -95.50	121.95 2.29 -89.10	147.15 10.00 -3.93	126.26 4.98 -55.89	181.20 2.29 -148.94	176.13 2.39 -142.49	165.50 2.86 -122.85	115.61 2.59 -75.69	117.73 3.93 -57.86	87.22 2.96 -43.21	116.47 4.56 -48.76	111.70 2.51 -74.18	100.70 3.78 -48.70	157.68 5.82 -81.15	226.03 10.40 -90.61	240.12 6.74 -152.95	184.07 8.60 -70.72	175.01 2.73 -138.72	138.19 3.71 -87.99	159.11 10.35 -14.64	115.27 8.01 -1.68

NEG CENTRAL_HIGH_ACRES 23767	102.99 -6.26 4.37	105.28 -6.35 -0.19	45.42 -2.04 -11.24	37.02 -1.72 -7.51	36.98 -1.72 -8.14	117.56 -7.82 7.84	63.80 -3.66 -2.06	41.83 -1.79 -13.66	42.85 -1.83 -13.43	47.59 -2.57 -10.37	42.19 -2.28 -7.13	57.83 -3.38 -5.27	38.70 -2.69 -0.35	62.66 -4.16 -3.68	39.52 -2.35 -6.87	49.89 -2.90 -4.57	69.01 -4.10 -2.41	118.05 -7.08 -0.11	79.58 -4.49 -3.65	82.68 -6.29 15.77	41.63 -1.97 -10.05	49.95 -2.88 -6.34	116.29 -8.80 9.03	96.05 -6.70 2.82
NEG CENTRAL___DRP 24199	103.83 -2.77 7.02	109.00 -2.93 -0.49	47.66 -0.81 -12.25	38.20 -0.60 -7.57	38.88 -0.63 -8.95	117.68 -3.27 12.28	67.24 -1.34 -3.18	49.58 -0.53 -20.16	49.19 -0.51 -18.45	53.31 -1.00 -14.53	47.19 -0.97 -10.83	63.99 -1.36 -9.41	40.20 -1.20 -0.35	70.35 -1.85 -9.05	46.92 -0.95 -12.86	56.69 -0.99 -9.46	80.78 -1.24 -11.31	132.92 -2.02 -9.92	93.64 -1.16 -14.37	86.27 -1.84 16.64	49.57 -0.43 -16.46	59.32 -0.73 -13.56	125.48 -3.03 5.61	103.57 -2.74 -0.73
NEG CENTRAL___INDECK 23768	94.10 -3.73 15.78	114.57 -3.72 -6.86	50.94 -1.18 -15.91	38.25 -1.05 -8.08	42.12 -1.08 -12.63	102.81 -5.06 25.35	86.51 -1.84 -22.96	105.64 -0.79 -76.48	89.83 -0.76 -59.33	90.95 -1.45 -52.61	78.43 -1.49 -42.58	100.63 -2.69 -47.38	50.70 -2.15 -11.80	122.06 -3.31 -62.22	101.02 -1.71 -67.72	100.62 -2.18 -54.58	148.27 -2.18 -79.75	205.96 -1.56 -82.49	163.57 -0.77 -83.92	117.92 -1.68 -14.85	112.26 -0.54 -79.25	121.14 -1.10 -75.74	187.87 -3.86 -57.62	147.93 -3.19 -45.53
NEG CENTRAL___SENECA 23627	96.59 -3.48 13.54	107.24 -3.73 0.46	48.55 -0.98 -13.32	37.06 -0.74 -6.57	39.48 -0.76 -9.67	105.46 -4.11 23.65	64.57 -1.58 -0.76	53.79 -0.67 -24.50	52.88 -0.65 -22.28	55.01 -1.23 -16.44	49.60 -1.20 -13.47	66.32 -1.64 -12.03	36.25 -1.44 3.37	72.48 -2.22 -11.56	50.59 -1.15 -16.74	59.65 -1.22 -12.64	85.11 -1.50 -15.90	136.98 -2.66 -14.61	98.21 -1.55 -19.34	66.91 -2.41 35.43	51.31 -0.53 -18.29	63.29 -0.91 -17.70	116.79 -3.84 13.49	101.92 -3.47 0.19
NEG CENTRAL___STATE_STREET 24147	116.73 -1.23 -4.34	112.80 -1.05 -2.43	48.33 -0.40 -12.52	41.97 -0.22 -10.95	39.51 -0.29 -9.24	139.55 -1.22 -7.55	73.17 -0.68 -8.45	45.18 -0.16 -15.39	45.53 -0.13 -14.41	52.80 -0.46 -13.47	44.57 -0.42 -7.65	61.35 -0.60 -6.02	47.97 -0.70 -7.62	67.94 -0.94 -5.73	42.13 -0.49 -7.61	52.78 -0.38 -4.94	74.71 -0.39 -4.39	127.42 -0.16 -2.56	87.82 0.02 -7.38	121.24 -0.25 -16.74	49.38 -0.02 -15.85	54.25 -0.16 -7.92	141.59 -1.01 -8.48	107.04 -1.05 -2.51
NEG MILLWOOD___DRP 24198	125.73 9.76 -2.36	132.08 9.24 -11.41	137.34 2.93 -98.20	110.75 2.52 -77.00	104.84 2.44 -71.84	146.93 10.54 -3.17	115.85 5.39 -45.06	152.55 2.50 -120.10	148.83 2.68 -114.90	142.29 3.45 -99.06	101.71 3.35 -61.03	107.63 5.03 -46.66	79.42 3.52 -34.85	107.78 5.31 -39.32	97.77 2.95 -59.82	91.61 4.13 -39.27	111.16 6.01 -34.45	157.01 10.85 -21.14	146.10 7.13 -58.54	134.03 9.10 -20.17	145.35 2.96 -108.84	111.56 4.04 -61.02	149.45 11.17 -4.17	114.39 8.39 -0.42
NEG NORTH_FLCN_SEA 23793	113.28 -0.34 0.00	111.19 -0.24 0.00	35.94 -0.27 0.00	30.78 -0.45 0.00	30.10 -0.46 0.00	130.30 -2.92 0.00	63.73 -1.66 0.00	29.19 -0.77 0.00	30.36 -0.89 0.00	38.64 -1.15 0.00	9.53 -1.30 26.50	27.74 -2.10 26.10	-15.69 -1.44 55.30	-21.69 -2.21 82.62	34.09 -0.91 0.00	47.30 -0.92 0.00	70.86 0.16 0.00	124.99 -0.03 0.00	79.57 -0.85 0.00	103.10 -1.65 0.00	32.70 -0.85 0.00	45.45 -1.05 0.00	133.45 -0.67 0.00	105.70 0.12 0.00
NEG NORTH_KES_CHATEGAY 23792	111.76 -1.86 0.00	109.76 -1.67 0.00	35.44 -0.77 0.00	30.40 -0.83 0.00	29.78 -0.78 0.00	129.46 -3.77 0.00	63.36 -2.04 0.00	29.01 -0.95 0.00	30.18 -1.07 0.00	38.48 -1.30 0.00	38.52 -1.40 -2.58	54.33 -2.24 -0.63	40.69 -1.55 -1.19	67.62 -2.43 -6.91	33.87 -1.13 0.00	46.97 -1.26 0.00	70.30 -0.40 0.00	123.89 -1.13 0.00	78.77 -1.66 0.00	102.29 -2.46 0.00	32.45 -1.10 0.00	45.20 -1.30 0.00	132.57 -1.54 0.00	104.39 -1.18 0.00
NEG NORTH___ALICE_FALLS 23915	113.82 0.20 0.00	111.71 0.28 0.00	36.09 -0.12 0.00	30.92 -0.31 0.00	30.27 -0.29 0.00	131.28 -1.95 0.00	64.23 -1.17 0.00	29.43 -0.53 0.00	30.62 -0.63 0.00	38.96 -0.82 0.00	54.79 -1.00 -18.45	69.42 -1.70 -15.18	71.85 -1.12 -31.92	117.14 -1.76 -55.75	34.30 -0.70 0.00	47.62 -0.60 0.00	71.53 0.82 0.00	126.12 1.10 0.00	80.28 -0.15 0.00	104.04 -0.71 0.00	32.97 -0.57 0.00	45.83 -0.67 0.00	134.36 0.24 0.00	106.16 0.58 0.00
NEG NORTH___LWR_SARANAC 23913	113.82 0.20 0.00	111.71 0.28 0.00	36.09 -0.12 0.00	30.92 -0.31 0.00	30.27 -0.29 0.00	131.28 -1.95 0.00	64.23 -1.17 0.00	29.43 -0.53 0.00	30.62 -0.63 0.00	38.96 -0.82 0.00	54.79 -1.00 -18.45	69.42 -1.70 -15.18	71.85 -1.12 -31.92	117.14 -1.76 -55.75	34.30 -0.70 0.00	47.62 -0.60 0.00	71.53 0.82 0.00	126.12 1.10 0.00	80.28 -0.15 0.00	104.04 -0.71 0.00	32.97 -0.57 0.00	45.83 -0.67 0.00	134.36 0.24 0.00	106.16 0.58 0.00
NEG NORTH___PLATTSBURG 23628	113.81 0.19 0.00	111.71 0.27 0.00	36.09 -0.12 0.00	30.92 -0.31 0.00	30.27 -0.29 0.00	131.31 -1.92 0.00	64.24 -1.16 0.00	29.43 -0.53 0.00	30.62 -0.63 0.00	38.97 -0.82 0.00	54.77 -1.02 -18.45	69.44 -1.69 -15.18	71.86 -1.11 -31.92	117.13 -1.78 -55.75	34.31 -0.70 0.00	47.62 -0.60 0.00	71.53 0.82 0.00	126.13 1.10 0.00	80.28 -0.15 0.00	104.04 -0.71 0.00	32.97 -0.57 0.00	45.83 -0.67 0.00	134.36 0.24 0.00	106.16 0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	93.60 -10.70 9.32	97.99 -10.69 2.75	46.68 -3.58 -14.05	36.40 -3.10 -8.27	37.26 -3.10 -9.79	102.70 -13.29 17.24	52.96 -6.29 6.14	30.38 -3.30 -3.71	35.67 -3.38 -7.79	38.11 -4.58 -2.90	34.77 -4.14 -1.58	47.03 -6.13 2.78	29.16 -4.92 6.97	45.70 -7.75 9.70	25.81 -4.36 4.84	37.37 -5.51 5.34	50.63 -8.22 11.86	95.25 -14.44 15.33	59.97 -9.13 11.32	46.84 -12.26 45.65	24.55 -3.84 5.15	34.16 -5.49 6.84	79.43 -16.05 38.64	75.03 -11.92 18.62
NEG WEST___LANCASTER 23811	93.44 -8.18 12.00	100.04 -8.24 3.15	49.80 -2.86 -16.45	38.14 -2.47 -9.38	39.56 -2.49 -11.49	101.05 -10.18 21.99	53.61 -4.84 6.95	33.67 -2.71 -6.42	39.14 -2.75 -10.64	40.73 -3.68 -4.62	37.02 -3.37 -3.05	49.39 -4.75 1.80	28.98 -3.76 8.32	48.03 -5.72 9.40	28.10 -3.36 3.54	39.69 -4.05 4.48	53.90 -5.65 11.17	100.25 -9.90 14.88	67.18 -6.33 6.91	40.83 -8.75 55.18	26.56 -2.91 4.07	36.76 -4.09 5.64	78.37 -11.47 44.27	76.63 -8.52 20.44
NEG_PENN_ALLEGHNY 23528	108.37 -0.74 4.51	113.00 -0.76 -2.33	66.89 -0.26 -30.94	53.77 -0.24 -22.78	52.87 -0.22 -22.53	123.81 -1.13 8.28	75.57 -0.51 -10.68	67.50 -0.20 -37.74	67.59 -0.18 -36.51	69.51 -0.39 -30.11	56.40 -0.33 -19.39	70.09 -0.47 -14.61	47.43 -0.47 -6.85	74.04 -0.56 -11.46	53.54 -0.33 -18.87	60.43 -0.25 -12.46	82.33 0.02 -11.61	132.84 0.03 -7.79	100.51 0.11 -19.97	93.42 -0.17 11.16	65.32 -0.03 -31.80	65.67 -0.11 -19.28	124.77 -0.51 8.83	101.76 -0.78 3.04
NEG___GEN_MONROE 24207	102.54 -4.82 6.26	106.26 -4.96 0.21	46.25 -1.62 -11.66	37.14 -1.40 -7.31	37.56 -1.41 -8.41	115.80 -6.25 11.17	63.49 -2.89 -0.98	42.58 -1.52 -14.14	43.74 -1.54 -14.03	47.96 -2.22 -10.40	42.80 -1.99 -7.45	58.37 -3.01 -5.43	37.52 -2.53 0.99	62.66 -4.00 -3.51	39.90 -2.24 -7.13	50.34 -2.65 -4.77	69.43 -3.80 -2.53	119.12 -6.03 -0.13	80.64 -3.73 -3.94	77.11 -5.36 22.28	41.47 -1.67 -9.59	50.52 -2.50 -6.52	113.82 -7.58 12.71	95.96 -5.65 3.98

NEPA__ENERGY 23901	92.14 -10.11 11.36	97.37 -10.22 3.85	48.34 -3.39 -15.51	37.09 -2.96 -8.82	38.32 -2.95 -10.71	99.40 -12.73 21.08	50.35 -5.89 9.15	27.39 -3.06 -0.49	34.31 -3.12 -6.17	36.07 -4.19 -0.47	33.26 -3.83 0.25	44.76 -5.58 5.60	26.87 -4.47 9.71	41.64 -6.93 14.57	22.17 -3.86 8.97	34.58 -4.76 8.88	46.33 -6.67 17.71	91.92 -11.38 21.72	59.66 -7.04 13.73	35.82 -10.05 58.87	19.64 -3.29 10.62	29.89 -4.85 11.76	69.36 -14.28 50.48	70.23 -10.68 24.67
NEVERSINK__HYD 23608	122.34 6.61 -2.12	127.98 6.30 -10.25	126.42 1.99 -88.22	102.11 1.70 -69.18	96.76 1.66 -64.54	143.26 7.19 -2.85	109.60 3.72 -40.48	139.64 1.79 -107.89	136.37 1.90 -103.22	131.13 2.36 -88.99	94.35 2.18 -54.83	101.20 3.34 -41.92	74.61 2.26 -31.30	101.87 3.40 -35.33	90.60 1.86 -53.73	86.07 2.57 -35.28	106.31 4.06 -31.54	152.77 7.76 -19.98	139.36 5.10 -53.83	130.10 6.52 -18.83	133.48 2.10 -97.84	104.35 2.84 -55.01	145.67 7.66 -3.90	111.54 5.57 -0.39
NEWKRMKL_115KV_TB1 55635	120.99 4.51 -2.87	129.54 4.24 -13.87	156.86 1.31 -119.33	126.03 1.23 -93.57	119.07 1.21 -87.30	141.89 4.81 -3.85	122.67 2.51 -54.76	176.96 1.06 -145.94	171.99 1.12 -139.62	161.58 1.42 -120.37	112.95 1.45 -74.16	114.78 2.14 -56.70	85.07 1.67 -42.34	113.36 2.43 -47.78	109.09 1.40 -72.69	98.04 2.10 -47.72	137.88 2.81 -64.36	193.25 4.83 -63.39	201.73 3.12 -118.18	159.95 3.93 -51.27	169.28 1.28 -134.45	129.73 1.88 -81.36	150.46 5.73 -10.61	111.40 4.63 -1.19
NEWTON__FALLS_HYD 23847	112.24 -1.43 -0.06	109.82 -1.90 -0.29	38.04 -0.65 -2.48	32.53 -0.65 -1.95	31.79 -0.59 -1.81	130.41 -2.90 -0.08	64.83 -1.70 -1.14	32.24 -0.75 -3.03	33.37 -0.78 -2.90	41.24 -1.05 -2.50	37.73 -1.14 -1.54	54.30 -1.89 -0.25	38.51 -1.38 1.17	61.68 -1.90 -0.44	35.41 -1.11 -1.51	47.77 -1.44 -0.99	69.70 -1.53 -0.52	123.62 -1.43 -0.02	80.34 -0.87 -0.79	104.72 -0.13 -0.10	35.96 -0.31 -2.71	47.30 -0.63 -1.43	133.16 -0.98 -0.02	105.34 -0.25 0.00
NGRID_A1_DSASP 323792	92.39 -11.67 9.56	97.01 -11.64 2.78	46.83 -3.70 -14.31	36.45 -3.19 -8.40	37.39 -3.14 -9.98	101.28 -14.29 17.66	52.43 -6.76 6.21	30.41 -3.53 -3.97	35.70 -3.62 -8.07	37.97 -4.89 -3.07	34.74 -4.31 -1.71	46.80 -6.44 2.69	28.79 -5.18 7.08	45.34 -8.11 9.69	25.62 -4.65 4.73	37.08 -5.86 5.28	50.03 -8.80 11.88	93.61 -16.15 15.26	62.10 -10.06 8.26	44.08 -13.48 47.19	24.20 -4.22 5.12	33.72 -5.98 6.79	77.33 -17.37 39.41	74.16 -12.60 18.82
NGRID_A2_DSASP 323793	92.39 -11.67 9.56	97.01 -11.64 2.78	46.83 -3.70 -14.31	36.45 -3.19 -8.40	37.39 -3.14 -9.98	101.28 -14.29 17.66	52.43 -6.76 6.21	30.41 -3.53 -3.97	35.70 -3.62 -8.07	37.97 -4.89 -3.07	34.74 -4.31 -1.71	46.80 -6.44 2.69	28.79 -5.18 7.08	45.34 -8.11 9.69	25.62 -4.65 4.73	37.08 -5.86 5.28	50.03 -8.80 11.88	93.61 -16.15 15.26	62.10 -10.06 8.26	44.08 -13.48 47.19	24.20 -4.22 5.12	33.72 -5.98 6.79	77.33 -17.37 39.41	74.16 -12.60 18.82
NGRID_A4_DSASP 323807	92.39 -11.67 9.56	97.01 -11.64 2.78	46.83 -3.70 -14.31	36.45 -3.19 -8.40	37.39 -3.14 -9.98	101.28 -14.29 17.66	52.43 -6.76 6.21	30.41 -3.53 -3.97	35.70 -3.62 -8.07	37.97 -4.89 -3.07	34.74 -4.31 -1.71	46.80 -6.44 2.69	28.79 -5.18 7.08	45.34 -8.11 9.69	25.62 -4.65 4.73	37.08 -5.86 5.28	50.03 -8.80 11.88	93.61 -16.15 15.26	62.10 -10.06 8.26	44.08 -13.48 47.19	24.20 -4.22 5.12	33.72 -5.98 6.79	77.33 -17.37 39.41	74.16 -12.60 18.82
NIAGARA_115E_LBMP 323715	92.60 -11.38 9.64	97.25 -11.38 2.80	46.68 -3.88 -14.34	36.32 -3.32 -8.41	37.23 -3.33 -10.00	101.27 -14.16 17.80	52.46 -6.67 6.27	30.45 -3.48 -3.97	35.78 -3.56 -8.09	38.03 -4.82 -3.06	34.77 -4.27 -1.72	46.82 -6.40 2.71	28.76 -5.15 7.14	45.35 -8.07 9.73	25.65 -4.60 4.75	37.13 -5.80 5.29	50.33 -8.58 11.80	94.51 -15.35 15.16	62.89 -9.86 7.67	45.73 -13.16 45.86	24.43 -4.13 4.99	33.91 -5.86 6.72	77.95 -17.07 39.09	74.23 -12.45 18.91
NIAGARA_115W_LBMP 323714	92.29 -11.79 9.53	96.90 -11.76 2.76	46.77 -3.73 -14.29	36.41 -3.22 -8.40	37.35 -3.18 -9.97	101.20 -14.42 17.60	52.41 -6.82 6.16	30.43 -3.55 -4.03	35.70 -3.65 -8.11	37.96 -4.94 -3.11	34.73 -4.35 -1.75	46.78 -6.51 2.65	28.80 -5.22 7.04	45.36 -8.18 9.61	25.66 -4.69 4.66	37.09 -5.91 5.22	50.03 -8.90 11.78	93.55 -16.32 15.15	62.11 -10.14 8.17	44.17 -13.59 46.99	24.25 -4.26 5.03	33.76 -6.03 6.71	77.38 -17.51 39.22	74.16 -12.70 18.72
NIAGARA_230_LBMP 323716	93.48 -10.86 9.27	97.90 -10.91 2.62	46.76 -3.57 -14.12	36.48 -3.08 -8.34	37.36 -3.06 -9.86	102.46 -13.65 17.12	53.15 -6.50 5.75	31.06 -3.42 -4.51	36.11 -3.51 -8.37	38.52 -4.74 -3.48	35.16 -4.20 -2.02	47.45 -6.25 2.24	29.37 -5.01 6.67	46.38 -7.84 8.93	26.45 -4.49 4.07	37.85 -5.66 4.71	51.29 -8.43 10.99	95.62 -15.12 14.28	63.12 -9.65 7.65	46.19 -12.96 45.60	25.18 -4.08 4.29	34.70 -5.77 6.03	79.66 -16.70 37.76	75.55 -12.12 17.90
NIAGARA__115KV_198_GIBSON 55903	92.31 -11.78 9.53	96.91 -11.75 2.76	46.77 -3.73 -14.29	36.40 -3.23 -8.40	37.34 -3.18 -9.97	101.33 -14.29 17.60	52.42 -6.81 6.16	30.44 -3.55 -4.03	35.71 -3.65 -8.11	37.98 -4.92 -3.11	34.64 -4.43 -1.75	46.76 -6.53 2.65	28.79 -5.22 7.04	45.28 -8.26 9.61	25.67 -4.68 4.66	37.09 -5.92 5.22	49.88 -9.05 11.78	93.46 -16.41 15.15	62.10 -10.15 8.17	44.16 -13.60 46.99	24.28 -4.24 5.03	33.76 -6.03 6.71	77.46 -17.43 39.22	74.12 -12.73 18.72
NIAGARA____ 23760	93.31 -10.86 9.45	97.82 -10.91 2.70	46.97 -3.57 -14.33	36.57 -3.08 -8.43	37.49 -3.06 -9.99	102.20 -13.65 17.37	52.96 -6.50 5.93	30.91 -3.42 -4.37	36.03 -3.51 -8.29	38.42 -4.74 -3.37	35.08 -4.20 -1.94	47.34 -6.25 2.35	29.27 -5.01 6.78	46.21 -7.84 9.10	26.29 -4.49 4.22	37.72 -5.66 4.84	51.12 -8.43 11.15	95.41 -15.12 14.49	63.06 -9.65 7.71	46.03 -12.96 45.77	25.02 -4.08 4.45	34.55 -5.77 6.18	79.37 -16.70 38.04	75.35 -12.12 18.11
NINE_MILE_1 23575	109.31 -4.45 -0.14	107.70 -4.43 -0.69	40.78 -1.41 -5.98	34.79 -1.12 -4.69	33.78 -1.15 -4.37	128.10 -5.31 -0.19	65.58 -2.56 -2.74	36.15 -1.12 -7.31	37.12 -1.13 -6.99	44.22 -1.60 -6.03	39.58 -1.47 -3.71	56.53 -2.25 -2.84	41.48 -1.69 -2.12	62.92 -2.62 -2.39	37.22 -1.43 -3.64	48.75 -1.86 -2.39	69.30 -2.66 -1.26	120.46 -4.62 -0.06	79.38 -2.94 -1.90	101.02 -3.96 -0.23	38.88 -1.21 -6.54	48.17 -1.77 -3.45	128.77 -5.40 -0.05	101.28 -4.30 0.00
NINE_MILE_2 23744	109.31 -4.45 -0.14	107.70 -4.43 -0.69	40.77 -1.41 -5.96	34.78 -1.12 -4.68	33.77 -1.15 -4.36	128.10 -5.31 -0.19	65.58 -2.56 -2.74	36.13 -1.12 -7.29	37.11 -1.13 -6.98	44.21 -1.60 -6.02	39.57 -1.47 -3.71	56.52 -2.25 -2.83	41.47 -1.69 -2.12	62.91 -2.62 -2.39	37.21 -1.43 -3.63	48.75 -1.86 -2.39	69.30 -2.66 -1.26	120.47 -4.61 -0.06	79.38 -2.94 -1.90	101.02 -3.96 -0.23	38.87 -1.21 -6.53	48.16 -1.77 -3.44	128.77 -5.40 -0.05	101.29 -4.29 0.00
NM_CAPITAL__DRP 24208	121.36 4.88 -2.86	129.90 4.64 -13.83	156.66 1.44 -119.01	125.88 1.33 -93.32	118.92 1.30 -87.06	142.40 5.33 -3.84	122.75 2.74 -54.61	176.67 1.17 -145.55	171.72 1.23 -139.24	161.40 1.57 -120.04	112.87 1.57 -73.96	114.81 2.33 -56.54	85.06 1.78 -42.23	113.42 2.62 -47.65	109.00 1.50 -72.49	98.02 2.21 -47.59	137.53 3.03 -63.79	192.76 5.17 -62.56	200.82 3.35 -117.04	159.67 4.26 -50.67	168.99 1.39 -134.05	129.52 2.01 -81.01	150.60 6.00 -10.49	111.59 4.84 -1.17

NM_CENTRAL___DRP 24181	111.47 -2.35 -0.21	110.03 -2.40 -1.00	44.03 -0.76 -8.58	37.37 -0.58 -6.72	36.21 -0.62 -6.27	130.58 -2.92 -0.28	67.98 -1.35 -3.94	39.88 -0.57 -10.49	40.74 -0.55 -10.03	47.57 -0.87 -8.65	41.87 -0.80 -5.33	58.81 -1.20 -4.07	43.14 -0.95 -3.04	65.09 -1.49 -3.43	39.44 -0.79 -5.22	50.69 -0.96 -3.43	71.30 -1.21 -1.80	123.09 -2.01 -0.08	81.89 -1.26 -2.72	103.29 -1.79 -0.33	42.43 -0.51 -9.39	50.59 -0.84 -4.94	131.37 -2.81 -0.07	103.21 -2.37 0.00
NM_FRONTIER___DRP 24179	92.31 -11.78 9.53	96.91 -11.75 2.76	46.77 -3.73 -14.29	36.40 -3.23 -8.40	37.34 -3.18 -9.97	101.33 -14.29 17.60	52.42 -6.81 6.16	30.44 -3.55 -4.03	35.71 -3.65 -8.11	37.98 -4.92 -3.11	34.64 -4.43 -1.75	46.76 -6.53 2.65	28.79 -5.22 7.04	45.28 -8.26 9.61	25.67 -4.68 4.66	37.09 -5.92 5.22	49.88 -9.05 11.78	93.46 -16.41 15.15	62.10 -10.15 8.17	44.16 -13.60 46.99	24.28 -4.24 5.03	33.76 -6.03 6.71	77.46 -17.43 39.22	74.12 -12.73 18.72
NM_ST_REGIS___HYD 24053	112.95 -0.66 0.00	110.73 -0.70 0.00	35.88 -0.33 0.00	30.81 -0.42 0.00	30.21 -0.35 0.00	131.20 -2.02 0.00	63.97 -1.43 0.00	29.30 -0.66 0.00	30.51 -0.74 0.00	38.89 -0.90 0.00	37.08 -0.91 -0.66	53.51 -1.58 0.85	38.05 -1.07 1.93	62.66 -1.64 -1.16	34.16 -0.85 0.00	47.17 -1.06 0.00	69.55 -1.15 0.00	123.46 -1.56 0.00	79.01 -1.42 0.00	103.16 -1.59 0.00	32.76 -0.79 0.00	45.57 -0.93 0.00	133.15 -0.96 0.00	105.45 -0.12 0.00
NORTHPORT___1 23551	125.82 9.87 -2.33	132.05 9.33 -11.29	136.29 2.93 -97.15	109.98 2.58 -76.18	104.13 2.49 -71.07	146.78 10.43 -3.13	115.14 5.16 -44.58	151.11 2.34 -118.81	147.49 2.57 -113.66	141.10 3.32 -97.99	125.51 3.55 -84.63	154.75 5.29 -93.53	98.18 3.57 -53.56	107.41 5.37 -38.90	97.15 2.97 -59.17	144.19 4.27 -91.71	175.84 6.10 -99.04	156.20 10.02 -21.17	151.76 6.72 -64.61	296.64 9.08 -182.82	156.94 2.96 -120.44	154.54 4.17 -103.88	152.24 11.80 -6.32	137.59 9.33 -22.68
NORTHPORT___2 23552	125.55 9.61 -2.33	131.84 9.12 -11.29	136.21 2.85 -97.15	109.90 2.50 -76.18	104.04 2.41 -71.07	146.28 9.92 -3.13	114.89 4.92 -44.58	150.98 2.21 -118.81	147.35 2.43 -113.66	140.99 3.21 -97.99	125.50 3.53 -84.63	154.73 5.27 -93.53	98.17 3.57 -53.56	107.45 5.41 -38.90	97.15 2.97 -59.17	144.14 4.21 -91.71	175.81 6.06 -99.04	156.09 9.90 -21.17	151.52 6.48 -64.61	296.17 8.60 -182.82	156.79 2.81 -120.44	154.35 3.98 -103.88	151.65 11.21 -6.32	137.11 8.84 -22.68
NORTHPORT___3 23553	125.66 9.71 -2.33	131.89 9.17 -11.29	136.23 2.87 -97.15	109.90 2.49 -76.18	104.05 2.43 -71.07	146.48 10.12 -3.13	114.97 4.99 -44.58	151.04 2.27 -118.81	147.39 2.48 -113.66	141.03 3.25 -97.99	125.47 3.50 -84.63	154.76 5.30 -93.53	98.18 3.58 -53.56	107.47 5.43 -38.90	97.15 2.97 -59.17	144.18 4.25 -91.71	175.86 6.12 -99.04	156.42 10.23 -21.17	151.69 6.65 -64.61	296.32 8.75 -182.82	156.83 2.85 -120.44	154.36 3.99 -103.88	151.67 11.23 -6.32	137.03 8.77 -22.68
NORTHPORT___4 23650	125.66 9.71 -2.33	131.89 9.17 -11.29	136.23 2.87 -97.15	109.90 2.49 -76.18	104.05 2.43 -71.07	146.48 10.12 -3.13	114.97 4.99 -44.58	151.04 2.27 -118.81	147.39 2.48 -113.66	141.03 3.25 -97.99	125.47 3.50 -84.63	154.76 5.30 -93.53	98.18 3.58 -53.56	107.47 5.43 -38.90	97.15 2.97 -59.17	144.18 4.25 -91.71	175.86 6.12 -99.04	156.42 10.23 -21.17	151.69 6.65 -64.61	296.32 8.75 -182.82	156.83 2.85 -120.44	154.36 3.99 -103.88	151.67 11.23 -6.32	137.03 8.77 -22.68
NORTHPORT___IC 23718	125.81 9.86 -2.33	132.05 9.33 -11.29	136.29 2.93 -97.15	109.99 2.58 -76.18	104.13 2.50 -71.07	146.79 10.43 -3.13	115.14 5.17 -44.58	151.11 2.34 -118.81	147.49 2.57 -113.66	141.10 3.32 -97.99	125.51 3.54 -84.63	154.75 5.29 -93.53	98.19 3.58 -53.56	107.42 5.37 -38.90	97.15 2.97 -59.17	144.19 4.26 -91.71	175.84 6.10 -99.04	156.21 10.02 -21.17	151.76 6.72 -64.61	296.63 9.06 -182.82	156.93 2.95 -120.44	154.54 4.17 -103.88	152.20 11.77 -6.32	137.58 9.32 -22.68
NORTH___COUNTRY_ESR 323785	111.34 -2.27 0.00	109.30 -2.13 0.00	35.30 -0.91 0.00	30.28 -0.95 0.00	29.66 -0.90 0.00	128.99 -4.23 0.00	63.11 -2.29 0.00	28.89 -1.07 0.00	30.04 -1.21 0.00	38.34 -1.44 0.00	37.96 -1.53 -2.16	53.76 -2.42 -0.25	39.77 -1.65 -0.37	66.18 -2.58 -5.61	33.81 -1.20 0.00	46.87 -1.35 0.00	69.97 -0.74 0.00	123.33 -1.70 0.00	78.39 -2.04 0.00	101.82 -2.93 0.00	32.29 -1.26 0.00	45.01 -1.49 0.00	132.08 -2.03 0.00	104.04 -1.54 0.00
NPX_GEN_1385_PROXY 323591	124.89 8.94 -2.33	131.28 8.56 -11.29	136.14 2.78 -76.18	110.05 2.64 -71.07	104.20 2.56 -71.07	147.36 11.00 -3.13	115.27 5.29 -44.58	151.13 2.36 -118.81	147.49 2.57 -113.66	140.80 3.02 -97.99	125.05 3.08 -84.63	153.85 4.39 -93.53	97.53 2.93 -53.56	106.23 4.19 -38.90	96.68 2.50 -59.17	143.75 3.82 -91.71	174.74 5.00 -99.04	153.62 7.43 -21.17	150.23 5.48 -64.32	295.99 8.42 -182.82	156.77 2.79 -120.44	154.42 4.05 -103.88	152.88 12.44 -6.32	139.33 11.07 -22.68
NPX_GEN_CSC 323557	127.46 11.51 -2.33	133.47 10.75 -11.29	136.71 3.35 -97.15	110.30 2.89 -76.18	104.43 2.80 -71.07	148.23 11.87 -3.13	115.46 5.48 -44.58	151.27 2.51 -118.81	147.72 2.80 -113.66	141.46 3.68 -97.99	126.05 4.08 -84.63	155.60 6.13 -93.53	98.70 4.10 -53.56	108.32 6.28 -38.90	97.56 3.38 -59.17	144.79 4.86 -91.71	177.06 7.31 -99.04	157.80 11.61 -21.17	153.16 8.41 -64.32	298.72 11.15 -182.82	157.53 3.55 -120.44	155.42 5.05 -103.88	154.35 13.92 -6.32	138.65 10.39 -22.68
NSINS_S___GLNS_FALLS 23858	128.01 11.45 -2.95	136.49 10.81 -14.25	162.39 3.53 -122.64	130.41 3.01 -96.17	123.24 2.95 -89.72	150.10 12.92 -3.96	128.09 6.41 -56.28	182.95 2.99 -149.99	177.89 3.14 -143.50	167.16 3.65 -123.71	116.78 3.22 -76.22	119.07 4.85 -58.27	88.20 3.63 -43.52	117.81 5.55 -49.11	112.79 3.08 -74.71	102.16 4.90 -49.04	162.37 7.51 -84.15	233.85 13.50 -95.32	248.36 8.83 -159.11	190.12 11.27 -74.10	177.06 3.57 -139.94	140.68 4.80 -89.39	162.71 13.25 -15.35	117.65 10.30 -1.76
NUCOR_STEEL___DRP 24197	117.30 -1.22 -4.90	112.93 -1.00 -2.51	47.84 -0.40 -12.03	41.75 -0.22 -10.73	39.14 -0.31 -8.89	140.60 -1.17 -8.54	73.30 -0.71 -8.61	44.59 -0.17 -14.80	44.92 -0.14 -13.81	52.44 -0.45 -13.10	44.26 -0.40 -7.33	61.15 -0.58 -5.79	48.24 -0.70 -7.89	67.87 -0.91 -5.64	41.84 -0.48 -7.31	52.59 -0.37 -4.74	72.79 -0.40 -2.49	124.91 -0.23 -0.11	84.10 -0.07 -3.75	120.98 -0.35 -16.58	48.93 -0.04 -15.42	53.40 -0.18 -7.08	142.28 -1.00 -9.16	107.38 -1.01 -2.81
NUMBER_THREE_WT_PWR 323818	112.29 -1.41 -0.08	109.32 -2.50 -0.39	38.75 -0.82 -3.36	33.10 -0.76 -2.63	32.30 -0.71 -2.46	130.29 -3.04 -0.11	65.34 -1.60 -1.54	33.42 -0.65 -4.11	34.57 -0.61 -3.93	42.29 -0.89 -3.39	38.38 -1.05 -2.09	55.45 -1.73 -1.24	40.16 -1.31 -0.41	62.64 -1.64 -1.13	35.97 -1.08 -2.05	48.22 -1.34 -1.34	70.45 -0.96 -0.71	125.06 0.00 -0.03	81.96 0.47 -1.07	107.33 2.45 -0.13	37.66 0.44 -3.68	48.48 0.05 -1.94	134.17 0.03 -0.03	105.89 0.31 0.00
NYISO_LBMP_REFERENCE 24008	113.62 0.00 0.00	111.43 0.00 0.00	36.21 0.00 0.00	31.23 0.00 0.00	30.56 0.00 0.00	133.22 0.00 0.00	65.40 0.00 0.00	29.96 0.00 0.00	31.25 0.00 0.00	39.79 0.00 0.00	37.33 0.00 0.00	55.94 0.00 0.00	41.05 0.00 0.00	63.15 0.00 0.00	35.01 0.00 0.00	48.22 0.00 0.00	70.71 0.00 0.00	125.03 0.00 0.00	80.42 0.00 0.00	104.75 0.00 0.00	33.55 0.00 0.00	46.50 0.00 0.00	134.12 0.00 0.00	105.58 0.00 0.00

NYPA_BRENTWD____GT 24164	127.16 11.21 -2.33	133.30 10.58 -11.29	136.68 3.32 -97.15	110.28 2.87 -76.18	104.42 2.79 -71.07	148.10 11.74 -3.13	115.79 5.82 -44.58	151.43 2.66 -118.81	147.83 2.92 -113.66	141.58 3.80 -97.99	125.99 4.03 -84.63	155.51 6.04 -93.53	98.69 4.09 -53.56	108.22 6.18 -38.90	97.57 3.39 -59.17	144.79 4.86 -91.71	176.83 7.08 -99.04	158.00 11.81 -21.17	152.84 7.80 -64.61	298.14 10.58 -182.82	157.40 3.42 -120.44	155.13 4.76 -103.88	153.73 13.29 -6.32	138.56 10.30 -22.68
NYPA_GOWANUS____GT5 24156	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NYPA_GOWANUS____GT6 24157	272.26 9.69 -148.95	179.65 9.06 -59.16	163.71 2.84 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.34 10.17 -28.95	115.23 5.23 -44.59	158.19 2.43 -125.80	168.53 2.63 -134.64	169.57 3.40 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.93 3.62 -107.27	548.96 5.47 -480.34	126.02 3.03 -87.99	143.02 4.14 -90.66	117.59 5.63 -41.25	155.77 9.97 -20.77	144.82 6.65 -57.75	133.11 8.50 -19.86	148.33 2.77 -112.00	151.71 3.86 -101.35	1448.10 10.78 -1303.21	707.79 8.17 -594.04
NYPA_HARLEM__RVR__GT1 24160	124.76 8.81 -2.34	130.93 8.21 -11.29	135.96 2.57 -97.18	109.64 2.21 -76.20	103.85 2.19 -71.10	145.59 9.22 -3.13	114.75 4.75 -44.59	151.02 2.21 -118.85	147.45 2.49 -113.71	141.04 3.23 -98.02	100.85 3.12 -60.40	106.84 4.73 -46.17	78.84 3.30 -34.48	107.02 4.96 -38.91	96.95 2.75 -59.20	90.91 3.83 -38.86	109.89 5.18 -34.00	155.19 9.39 -20.77	144.47 6.29 -57.75	132.63 8.02 -19.86	143.91 2.66 -107.71	110.46 3.60 -60.36	148.14 9.91 -4.11	113.37 7.38 -0.41
NYPA_HARLEM__RVR__GT2 24161	124.76 8.81 -2.34	130.93 8.21 -11.29	135.96 2.57 -97.18	109.64 2.21 -76.20	103.85 2.19 -71.10	145.59 9.22 -3.13	114.75 4.75 -44.59	151.02 2.21 -118.85	147.45 2.49 -113.71	141.04 3.23 -98.02	100.85 3.12 -60.40	106.84 4.73 -46.17	78.84 3.30 -34.48	107.02 4.96 -38.91	96.95 2.75 -59.20	90.91 3.83 -38.86	109.89 5.18 -34.00	155.19 9.39 -20.77	144.47 6.29 -57.75	132.63 8.02 -19.86	143.91 2.66 -107.71	110.46 3.60 -60.36	148.14 9.91 -4.11	113.37 7.38 -0.41
NYPA_KENT____GT 24152	213.86 9.45 -90.80	160.43 8.82 -40.17	152.73 2.76 -113.76	126.24 2.36 -92.65	120.28 2.31 -87.42	161.83 9.89 -18.71	115.08 5.09 -44.59	155.38 2.38 -123.04	160.17 2.58 -126.34	158.28 3.35 -115.14	666.09 3.35 -625.41	329.33 5.08 -268.32	122.98 3.53 -78.40	373.73 5.32 -305.26	114.53 2.95 -76.57	122.38 4.04 -70.11	114.62 5.53 -38.38	155.46 9.67 -20.77	144.62 6.45 -57.75	132.87 8.25 -19.86	146.55 2.70 -110.30	135.33 3.74 -85.10	932.56 10.48 -787.97	472.10 7.92 -358.60
NYPA_POUCH1____GT 24155	271.90 9.33 -148.95	179.32 8.73 -59.16	163.61 2.73 -124.66	137.03 2.34 -103.46	131.00 2.29 -98.15	172.01 9.84 -28.95	115.06 5.06 -44.59	158.09 2.33 -125.80	168.42 2.52 -134.64	169.40 3.23 -126.38	1037.40 3.27 -996.80	475.25 4.98 -414.34	151.78 3.46 -107.27	548.71 5.21 -480.34	125.89 2.89 -87.99	142.82 3.94 -90.66	117.25 5.30 -41.25	155.31 9.51 -20.77	144.51 6.34 -57.75	132.72 8.11 -19.86	148.19 2.64 -112.00	151.53 3.68 -101.35	1447.62 10.30 -1303.21	707.42 7.80 -594.04
NYPA_VERNON____GT2 24162	155.58 9.32 -32.65	141.31 8.69 -21.19	141.79 2.72 -102.86	115.40 2.33 -81.84	109.52 2.27 -76.69	151.45 9.76 -8.47	115.01 5.02 -44.59	152.60 2.35 -120.29	151.85 2.56 -118.03	147.02 3.34 -103.89	294.67 3.31 -254.02	183.25 5.01 -122.30	94.06 3.48 -49.53	198.57 5.24 -130.19	103.06 2.91 -65.15	101.79 4.00 -49.57	111.69 5.48 -35.50	155.28 9.48 -20.77	144.48 6.30 -57.75	132.74 8.12 -19.86	144.80 2.66 -108.60	119.01 3.68 -68.83	417.15 10.31 -272.72	236.51 7.77 -123.15
NYPA_VERNON____GT3 24163	155.58 9.32 -32.65	141.31 8.69 -21.19	141.79 2.72 -102.86	115.40 2.33 -81.84	109.52 2.27 -76.69	151.45 9.76 -8.47	115.01 5.02 -44.59	152.60 2.35 -120.29	151.85 2.56 -118.03	147.02 3.34 -103.89	294.67 3.31 -254.02	183.25 5.01 -122.30	94.06 3.48 -49.53	198.57 5.24 -130.19	103.06 2.91 -65.15	101.79 4.00 -49.57	111.69 5.48 -35.50	155.28 9.48 -20.77	144.48 6.30 -57.75	132.74 8.12 -19.86	144.80 2.66 -108.60	119.01 3.68 -68.83	417.15 10.31 -272.72	236.51 7.77 -123.15
NYPA__ASTORIA_CC1 323568	125.08 9.13 -2.34	131.26 8.54 -11.29	136.06 2.67 -97.18	109.71 2.28 -76.20	103.89 2.23 -71.10	145.90 9.54 -3.13	114.92 4.93 -44.59	151.13 2.31 -118.85	147.48 2.52 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.04 4.93 -46.17	78.94 3.41 -34.48	107.21 5.15 -38.91	97.06 2.85 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.35 6.17 -57.75	132.55 7.94 -19.86	143.87 2.61 -107.71	110.47 3.61 -60.36	148.29 10.06 -4.11	113.59 7.60 -0.41
NYPA__ASTORIA_CC2 323569	125.08 9.13 -2.34	131.26 8.54 -11.29	136.06 2.67 -97.18	109.71 2.28 -76.20	103.89 2.23 -71.10	145.90 9.54 -3.13	114.92 4.93 -44.59	151.13 2.31 -118.85	147.48 2.52 -113.71	141.12 3.30 -98.03	100.99 3.26 -60.40	107.04 4.93 -46.17	78.94 3.41 -34.48	107.21 5.15 -38.91	97.06 2.85 -59.20	91.02 3.94 -38.86	110.10 5.39 -34.00	155.04 9.25 -20.77	144.35 6.17 -57.75	132.55 7.94 -19.86	143.87 2.61 -107.71	110.47 3.61 -60.36	148.29 10.06 -4.11	113.59 7.60 -0.41
NYPA__HOLTSVILL 23794	126.60 10.65 -2.33	132.74 10.02 -11.29	136.49 3.13 -97.15	110.12 2.71 -76.18	104.26 2.63 -71.07	147.43 11.08 -3.13	115.39 5.42 -44.58	151.24 2.48 -118.81	147.65 2.73 -113.66	141.36 3.58 -97.99	125.79 3.82 -84.63	155.20 5.74 -93.53	98.47 3.86 -53.56	107.82 5.78 -38.90	97.32 3.15 -59.17	144.42 4.49 -91.71	176.33 6.58 -99.04	157.09 10.90 -21.17	152.45 7.41 -64.61	297.36 9.80 -182.82	157.15 3.17 -120.44	154.82 4.44 -103.88	152.76 12.33 -6.32	137.74 9.47 -22.68
NYPA__HELLGATE_GT1 24158	124.76 8.81 -2.34	130.93 8.21 -11.29	135.96 2.57 -97.18	109.64 2.21 -76.20	103.85 2.19 -71.10	145.59 9.22 -3.13	114.75 4.75 -44.59	151.02 2.21 -118.85	147.45 2.49 -113.71	141.04 3.23 -98.02	100.85 3.12 -60.40	106.84 4.73 -46.17	78.84 3.30 -34.48	107.02 4.96 -38.91	96.95 2.75 -59.20	90.91 3.83 -38.86	109.89 5.18 -34.00	155.19 9.39 -20.77	144.47 6.29 -57.75	132.63 8.02 -19.86	143.91 2.66 -107.71	110.46 3.60 -60.36	148.14 9.91 -4.11	113.37 7.38 -0.41
NYPA__HELLGATE_GT2 24159	124.76 8.81 -2.34	130.93 8.21 -11.29	135.96 2.57 -97.18	109.64 2.21 -76.20	103.85 2.19 -71.10	145.59 9.22 -3.13	114.75 4.75 -44.59	151.02 2.21 -118.85	147.45 2.49 -113.71	141.04 3.23 -98.02	100.85 3.12 -60.40	106.84 4.73 -46.17	78.84 3.30 -34.48	107.02 4.96 -38.91	96.95 2.75 -59.20	90.91 3.83 -38.86	109.89 5.18 -34.00	155.19 9.39 -20.77	144.47 6.29 -57.75	132.63 8.02 -19.86	143.91 2.66 -107.71	110.46 3.60 -60.36	148.14 9.91 -4.11	113.37 7.38 -0.41
NYS_BARGE__HYD 23848	94.23 -10.22 9.17	98.64 -10.22 2.57	46.71 -3.45 -13.94	36.50 -2.96 -8.23	37.33 -2.97 -9.74	103.46 -12.85 16.91	53.76 -5.99 5.64	31.34 -3.16 -4.55	36.34 -3.23 -8.32	38.88 -4.41 -3.49	35.48 -3.90 -2.04	47.93 -5.86 2.15	29.73 -4.75 6.57	47.00 -7.42 8.73	26.84 -4.24 3.93	38.35 -5.29 4.58	52.32 -7.73 10.66	97.55 -13.62 13.86	65.41 -8.72 6.29	49.15 -11.74 43.85	25.83 -3.70 4.01	35.44 -5.27 5.79	81.79 -15.51 36.81	76.60 -11.38 17.60

OAK ORCHARD___HYD 24046	102.23 -5.26 6.12	105.86 -5.38 0.19	46.03 -1.74 -11.56	37.01 -1.48 -7.26	37.40 -1.49 -8.33	115.46 -6.82 10.94	63.27 -3.15 -1.02	42.35 -1.62 -14.01	43.50 -1.65 -13.90	47.76 -2.34 -10.32	42.68 -2.04 -7.38	58.26 -3.06 -5.38	37.60 -2.52 0.93	62.71 -3.92 -3.49	39.86 -2.22 -7.06	50.27 -2.68 -4.73	69.38 -3.82 -2.50	118.67 -6.48 -0.13	80.16 -4.13 -3.87	77.10 -5.81 21.84	41.28 -1.80 -9.54	50.30 -2.66 -6.46	113.60 -8.06 12.45	95.72 -5.96 3.89
OAKDALE___35_KV_LOAD 356122	106.09 -1.14 6.39	112.09 -1.20 -1.85	66.47 -0.38 -30.64	52.92 -0.34 -22.03	52.52 -0.32 -22.28	120.06 -1.58 11.58	73.97 -0.73 -9.30	66.98 -0.31 -37.33	67.23 -0.29 -36.27	68.69 -0.51 -29.42	56.15 -0.45 -19.26	69.76 -0.62 -14.44	45.76 -0.58 -5.29	73.37 -0.78 -11.01	53.26 -0.44 -18.69	60.16 -0.43 -12.37	82.07 -0.28 -11.64	132.40 -0.54 -7.91	100.23 -0.26 -20.06	86.55 -0.66 17.54	63.94 -0.17 -30.57	65.25 -0.33 -19.08	120.63 -1.02 12.46	100.19 -1.21 4.17
OCC_CHEM___DRP 24175	92.43 -11.63 9.56	97.03 -11.62 2.78	46.83 -3.69 -14.31	36.44 -3.20 -8.40	37.38 -3.15 -9.98	101.45 -14.11 17.66	52.44 -6.75 6.21	30.41 -3.52 -3.97	35.71 -3.61 -8.07	37.98 -4.88 -3.07	34.66 -4.39 -1.71	46.77 -6.47 2.69	28.79 -5.18 7.08	45.27 -8.19 9.69	25.63 -4.64 4.73	37.08 -5.86 5.28	49.86 -8.97 11.88	93.56 -16.21 15.26	62.09 -10.07 8.26	44.08 -13.49 47.19	24.23 -4.20 5.12	33.72 -5.98 6.79	77.41 -17.30 39.41	74.13 -12.63 18.82
OH_GEN_PROXY 24063	93.65 -10.73 9.24	98.28 -10.74 2.41	46.89 -3.52 -14.20	36.59 -3.05 -8.42	37.49 -3.02 -9.95	102.81 -13.42 17.00	53.87 -6.41 5.12	32.46 -3.35 -5.85	37.12 -3.45 -9.32	39.55 -4.66 -4.42	35.98 -4.11 -2.76	48.48 -6.12 1.34	29.95 -4.89 6.21	47.87 -7.65 7.63	27.85 -4.38 2.78	39.06 -5.51 3.65	53.16 -8.17 9.37	97.78 -14.68 12.56	64.76 -9.40 6.26	48.16 -12.64 43.95	26.89 -3.98 2.68	36.32 -5.63 4.55	82.09 -16.26 35.76	77.04 -11.85 16.69
OLIN_CORP_DRP 24177	92.59 -11.26 9.76	97.28 -11.29 2.86	46.83 -3.82 -14.44	36.39 -3.29 -8.45	37.34 -3.29 -10.07	101.35 -13.85 18.03	52.37 -6.61 6.42	30.37 -3.45 -3.86	35.77 -3.53 -8.05	37.99 -4.77 -2.97	34.67 -4.31 -1.65	46.74 -6.37 2.83	28.65 -5.12 7.29	45.12 -8.07 9.96	25.51 -4.56 4.93	37.02 -5.75 5.45	49.92 -8.70 12.08	94.09 -15.45 15.49	62.59 -9.81 8.03	44.82 -13.10 46.83	24.20 -4.09 5.26	33.72 -5.82 6.96	77.45 -16.87 39.79	73.99 -12.38 19.21
OLIN_CORP_DSASP 323712	92.39 -11.67 9.56	97.01 -11.64 2.78	46.83 -3.70 -14.31	36.45 -3.19 -8.40	37.39 -3.14 -9.98	101.28 -14.29 17.66	52.43 -6.76 6.21	30.41 -3.53 -3.97	35.70 -3.62 -8.07	37.97 -4.89 -3.07	34.74 -4.31 -1.71	46.80 -6.44 2.69	28.79 -5.18 7.08	45.34 -8.11 9.69	25.62 -4.65 4.73	37.08 -5.86 5.28	50.03 -8.80 11.88	93.61 -16.15 15.26	62.10 -10.06 8.26	44.08 -13.48 47.19	24.20 -4.22 5.12	33.72 -5.98 6.79	77.33 -17.37 39.41	74.16 -12.60 18.82
ONEIDA_HERK_LFGE 323681	115.14 1.46 -0.07	112.79 1.02 -0.33	39.45 0.34 -2.89	33.77 0.28 -2.27	32.95 0.28 -2.12	134.56 1.25 -0.09	67.40 0.67 -1.33	33.85 0.36 -3.53	35.04 0.41 -3.38	43.10 0.40 -2.92	39.44 0.31 -1.80	57.68 0.47 -1.27	42.17 0.31 -0.81	64.77 0.53 -1.10	36.99 0.23 -1.76	49.85 0.48 -1.16	72.53 1.21 -0.61	127.96 2.91 -0.03	83.42 2.08 -0.92	108.23 3.37 -0.11	37.64 0.93 -3.16	49.15 0.99 -1.67	136.73 2.59 -0.02	107.57 1.99 0.00
ONEIDA___115KV_TB4 55905	116.02 2.27 -0.13	114.36 2.29 -0.64	42.55 0.81 -5.54	36.28 0.71 -4.34	35.31 0.70 -4.05	136.45 3.05 -0.18	69.53 1.59 -2.54	37.51 0.78 -6.77	38.56 0.83 -6.48	46.23 0.86 -5.58	41.55 0.78 -3.44	59.78 1.22 -2.63	43.92 0.91 -1.96	66.45 1.09 -2.22	39.00 0.62 -3.37	51.42 0.99 -2.21	73.86 1.99 -1.17	129.01 3.94 -0.05	84.81 2.63 -1.76	108.40 3.43 -0.21	40.69 1.08 -6.06	51.01 1.32 -3.19	137.57 3.41 -0.04	107.95 2.37 0.00
ONONDAGA_REF_OCCRA 23987	115.69 -1.47 -3.54	111.92 -1.55 -2.04	46.51 -0.48 -10.78	40.25 -0.36 -9.37	38.13 -0.38 -7.95	137.45 -1.92 -6.14	71.68 -0.86 -7.14	42.87 -0.34 -13.24	43.36 -0.31 -12.42	50.78 -0.57 -11.56	43.40 -0.53 -6.60	60.33 -0.78 -5.18	46.80 -0.65 -6.40	67.04 -1.00 -4.90	41.03 -0.52 -6.55	51.90 -0.58 -4.26	72.35 -0.59 -2.24	124.24 -0.89 -0.10	83.29 -0.50 -3.37	115.79 -0.83 -11.87	46.74 -0.21 -13.40	52.38 -0.43 -6.32	139.03 -1.61 -6.52	106.08 -1.50 -1.99
ONONDAGA___COGEN 23986	112.15 -1.70 -0.24	110.87 -1.71 -1.15	45.53 -0.54 -9.86	38.57 -0.39 -7.73	37.34 -0.43 -7.21	131.43 -2.12 -0.32	68.95 -0.97 -4.52	41.65 -0.37 -12.06	42.43 -0.35 -11.53	49.11 -0.63 -9.95	42.89 -0.57 -6.13	59.76 -0.86 -4.68	43.82 -0.73 -3.50	65.99 -1.10 -3.95	40.44 -0.57 -6.01	51.54 -0.62 -3.94	72.03 -0.75 -2.08	124.00 -1.12 -0.09	82.87 -0.68 -3.13	104.08 -1.05 -0.38	44.07 -0.27 -10.79	51.66 -0.52 -5.68	132.30 -1.90 -0.08	103.89 -1.70 0.00
ONTARIO___LFGE 23819	96.60 -3.48 13.54	107.23 -3.74 0.46	48.55 -0.98 -13.32	37.05 -0.74 -6.57	39.48 -0.76 -9.67	105.43 -4.14 23.65	64.57 -1.59 -0.76	53.79 -0.67 -24.50	52.88 -0.65 -22.28	54.99 -1.24 -16.44	49.61 -1.19 -13.47	66.32 -1.65 -12.03	36.23 -1.45 3.37	72.47 -2.23 -11.56	50.59 -1.16 -16.74	59.65 -1.22 -12.64	85.13 -1.48 -15.90	136.87 -2.76 -14.61	98.18 -1.58 -19.34	66.87 -2.45 35.43	51.30 -0.54 -18.29	63.27 -0.93 -17.70	116.74 -3.88 13.49	101.92 -3.48 0.19
ORANGEVILLE_WT_PWR 323706	87.50 -11.43 14.69	89.88 -11.27 10.28	49.68 -3.58 -17.05	37.05 -3.17 -8.99	38.33 -3.16 -10.93	90.33 -14.15 28.74	31.04 -6.39 27.97	-8.20 -3.06 35.11	10.39 -3.09 17.78	10.77 -4.27 24.75	13.20 -3.94 20.19	18.94 -5.91 31.08	12.16 -4.78 24.11	3.12 -7.14 52.88	-14.65 -3.80 45.85	3.78 -4.93 39.51	-1.18 -6.68 65.21	40.74 -11.44 72.84	12.38 -7.23 60.81	-19.30 -9.56 114.49	-25.37 -3.02 55.90	-12.24 -4.59 54.15	5.32 -13.93 114.86	32.00 -10.79 62.79
ORANGEVILLE___ESR 323794	87.50 -11.43 14.69	89.88 -11.27 10.28	49.68 -3.58 -17.05	37.05 -3.17 -8.99	38.33 -3.16 -10.93	90.33 -14.15 28.74	31.04 -6.39 27.97	-8.20 -3.06 35.11	10.39 -3.09 17.78	10.77 -4.27 24.75	13.20 -3.94 20.19	18.94 -5.91 31.08	12.16 -4.78 24.11	3.12 -7.14 52.88	-14.65 -3.80 45.85	3.78 -4.93 39.51	-1.18 -6.68 65.21	40.74 -11.44 72.84	12.38 -7.23 60.81	-19.30 -9.56 114.49	-25.37 -3.02 55.90	-12.24 -4.59 54.15	5.32 -13.93 114.86	32.00 -10.79 62.79
OSWEGATCHIE___HYD 24044	112.24 -1.43 -0.06	109.82 -1.91 -0.29	38.04 -0.65 -2.48	32.53 -0.65 -1.95	31.79 -0.59 -1.81	130.42 -2.89 -0.08	64.83 -1.70 -1.14	32.24 -0.75 -3.03	33.37 -0.79 -2.90	41.24 -1.05 -2.50	37.73 -1.15 -1.54	54.30 -1.88 -0.25	38.52 -1.37 1.17	61.68 -1.91 -0.44	35.41 -1.11 -1.51	47.77 -1.44 -0.99	69.70 -1.53 -0.52	123.62 -1.43 -0.02	80.33 -0.88 -0.79	104.72 -0.13 -0.10	35.96 -0.30 -2.71	47.30 -0.63 -1.43	133.16 -0.98 -0.02	105.34 -0.24 0.00
OSWEGO___5 23606	110.17 -3.61 -0.17	108.64 -3.60 -0.80	41.99 -1.15 -6.92	35.75 -0.91 -5.43	34.69 -0.94 -5.06	129.09 -4.36 -0.22	66.49 -2.08 -3.17	37.51 -0.91 -8.46	38.43 -0.91 -8.10	45.46 -1.31 -6.98	40.44 -1.20 -4.30	57.38 -1.85 -3.29	42.10 -1.41 -2.45	63.75 -2.17 -2.77	38.05 -1.17 -4.22	49.48 -1.51 -2.77	70.04 -2.12 -1.46	121.45 -3.64 -0.07	80.32 -2.30 -2.20	101.89 -3.12 -0.27	40.17 -0.95 -7.58	49.07 -1.42 -3.99	129.83 -4.34 -0.06	102.08 -3.51 0.00

OSWEGO___6 23613	110.17 -3.61 -0.17	108.64 -3.60 -0.80	41.99 -1.15 -6.92	35.75 -0.91 -5.43	34.69 -0.94 -5.06	129.09 -4.36 -0.22	66.49 -2.08 -3.17	37.51 -0.91 -8.46	38.43 -0.91 -8.10	45.46 -1.31 -6.98	40.44 -1.20 -4.30	57.38 -1.85 -3.29	42.10 -1.41 -2.45	63.75 -2.17 -2.77	38.05 -1.17 -4.22	49.48 -1.51 -2.77	70.04 -2.12 -1.46	121.45 -3.64 -0.07	80.32 -2.30 -2.20	101.89 -3.12 -0.27	40.17 -0.95 -7.58	49.07 -1.42 -3.99	129.83 -4.34 -0.06	102.08 -3.51 0.00
OUTOKUMPU-AB___DRP 24206	94.17 -9.51 9.93	98.89 -9.54 3.00	47.63 -3.13 -14.55	37.01 -2.71 -8.48	37.98 -2.70 -10.13	102.98 -11.88 18.37	53.02 -5.57 6.80	30.31 -2.95 -3.30	35.96 -3.00 -7.71	38.26 -4.09 -2.56	34.97 -3.69 -1.33	47.25 -5.43 3.26	29.03 -4.41 7.61	45.54 -6.96 10.65	25.52 -3.92 5.56	37.37 -4.87 5.98	50.40 -7.31 12.99	95.63 -12.91 16.49	63.38 -8.02 9.02	44.55 -10.96 49.23	23.94 -3.44 6.17	33.80 -4.95 7.74	78.15 -14.45 41.51	75.05 -10.55 19.98
OXBOW___BTM 323836	93.52 -10.35 9.75	98.17 -10.37 2.89	47.30 -3.35 -14.43	36.79 -2.88 -8.44	37.75 -2.86 -10.05	102.31 -12.90 18.02	52.85 -6.04 6.51	30.41 -3.18 -3.63	35.89 -3.25 -7.89	38.19 -4.42 -2.81	34.96 -3.90 -1.52	47.15 -5.81 2.98	28.99 -4.71 7.35	45.59 -7.38 10.18	25.64 -4.22 5.15	37.32 -5.27 5.63	50.44 -7.83 12.44	94.95 -14.19 15.88	62.90 -8.86 8.66	44.53 -11.99 48.23	24.13 -3.77 5.65	33.86 -5.37 7.27	77.96 -15.68 40.48	74.80 -11.37 19.40
OXBOW____ 24026	93.51 -10.35 9.75	98.18 -10.36 2.89	47.30 -3.34 -14.43	36.78 -2.89 -8.44	37.74 -2.87 -10.05	102.47 -12.74 18.02	52.86 -6.03 6.51	30.42 -3.17 -3.63	35.90 -3.24 -7.89	38.20 -4.40 -2.81	34.89 -3.97 -1.52	47.12 -5.84 2.98	28.98 -4.72 7.35	45.53 -7.45 10.18	25.65 -4.21 5.15	37.32 -5.27 5.63	50.29 -7.98 12.44	94.88 -14.27 15.88	62.91 -8.85 8.66	44.52 -11.99 48.23	24.15 -3.75 5.65	33.86 -5.37 7.27	78.04 -15.60 40.48	74.79 -11.38 19.40
OXY_CHEM_DSASP 323612	92.43 -11.63 9.56	97.03 -11.62 2.78	46.83 -3.69 -14.31	36.44 -3.20 -8.40	37.38 -3.15 -9.98	101.45 -14.11 17.66	52.44 -6.75 6.21	30.41 -3.52 -3.97	35.71 -3.61 -8.07	37.98 -4.88 -3.07	34.66 -4.39 -1.71	46.77 -6.47 2.69	28.79 -5.18 7.08	45.27 -8.19 9.69	25.63 -4.64 4.73	37.08 -5.86 5.28	49.86 -8.97 11.88	93.56 -16.21 15.26	62.09 -10.07 8.26	44.08 -13.49 47.19	24.23 -4.20 5.12	33.72 -5.98 6.79	77.41 -17.30 39.41	74.13 -12.63 18.82
OZONE_PARK_ESR 323760	126.20 10.25 -2.33	132.26 9.54 -11.29	136.34 2.96 -97.17	109.97 2.54 -76.20	104.11 2.46 -71.09	146.96 10.60 -3.13	115.47 5.48 -44.59	151.33 2.53 -118.84	147.70 2.75 -113.70	141.42 3.61 -98.02	101.31 3.58 -60.39	107.55 5.45 -46.17	79.32 3.79 -34.48	107.77 5.72 -38.91	97.37 3.17 -59.19	91.42 4.35 -38.86	110.80 6.09 -34.00	156.47 10.68 -20.77	145.22 7.05 -57.75	133.62 9.01 -19.86	144.19 2.95 -107.70	110.96 4.10 -60.35	149.63 11.41 -4.11	114.63 8.64 -0.41
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	92.43 -11.63 9.56	97.03 -11.62 2.78	46.83 -3.69 -14.31	36.44 -3.20 -8.40	37.38 -3.15 -9.98	101.45 -14.11 17.66	52.44 -6.75 6.21	30.41 -3.52 -3.97	35.71 -3.61 -8.07	37.98 -4.88 -3.07	34.66 -4.39 -1.71	46.77 -6.47 2.69	28.79 -5.18 7.08	45.27 -8.19 9.69	25.63 -4.64 4.73	37.08 -5.86 5.28	49.86 -8.97 11.88	93.56 -16.21 15.26	62.09 -10.07 8.26	44.08 -13.49 47.19	24.23 -4.20 5.12	33.72 -5.98 6.79	77.41 -17.30 39.41	74.13 -12.63 18.82
PACKARD__115KV_DUPONT_184 80571	92.43 -11.63 9.56	97.03 -11.62 2.78	46.83 -3.69 -14.31	36.44 -3.20 -8.40	37.38 -3.15 -9.98	101.45 -14.11 17.66	52.44 -6.75 6.21	30.41 -3.52 -3.97	35.71 -3.61 -8.07	37.98 -4.88 -3.07	34.66 -4.39 -1.71	46.77 -6.47 2.69	28.79 -5.18 7.08	45.27 -8.19 9.69	25.63 -4.64 4.73	37.08 -5.86 5.28	49.86 -8.97 11.88	93.56 -16.21 15.26	62.09 -10.07 8.26	44.08 -13.49 47.19	24.23 -4.20 5.12	33.72 -5.98 6.79	77.41 -17.30 39.41	74.13 -12.63 18.82
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	124.62 8.67 -2.34	130.81 8.09 -11.29	135.92 2.53 -97.18	109.61 2.17 -76.20	103.81 2.15 -71.10	145.46 9.10 -3.13	114.69 4.69 -44.59	150.99 2.18 -118.85	147.38 2.42 -113.71	140.95 3.13 -98.03	100.81 3.07 -60.40	106.78 4.67 -46.17	78.79 3.25 -34.48	106.94 4.88 -38.91	96.91 2.71 -59.20	90.83 3.75 -38.86	109.79 5.08 -34.00	154.99 9.20 -20.77	144.34 6.16 -57.75	132.50 7.88 -19.86	143.85 2.59 -107.71	110.40 3.54 -60.36	148.01 9.79 -4.11	113.34 7.34 -0.41
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	125.03 9.07 -2.34	131.24 8.51 -11.29	136.08 2.68 -97.18	109.73 2.30 -76.20	103.94 2.28 -71.10	146.09 9.73 -3.13	114.98 4.99 -44.59	151.12 2.30 -118.85	147.54 2.58 -113.71	141.14 3.32 -98.03	100.96 3.22 -60.40	107.01 4.89 -46.17	78.92 3.39 -34.48	107.16 5.10 -38.91	97.02 2.82 -59.20	90.98 3.89 -38.86	110.05 5.34 -34.00	155.59 9.79 -20.77	144.68 6.50 -57.75	132.94 8.33 -19.86	143.97 2.72 -107.71	110.56 3.70 -60.36	148.43 10.21 -4.11	113.68 7.69 -0.41
PATROON__115KV_TB1 80586	121.36 4.87 -2.88	129.93 4.59 -13.91	157.38 1.43 -119.73	126.45 1.33 -93.89	119.46 1.30 -87.60	142.40 5.31 -3.86	123.06 2.72 -54.94	177.57 1.18 -146.44	172.57 1.23 -140.10	162.12 1.56 -120.78	113.32 1.57 -74.42	115.15 2.32 -56.89	85.35 1.81 -42.48	113.73 2.64 -47.94	109.44 1.51 -72.93	98.36 2.26 -47.88	140.71 3.08 -66.93	197.87 5.30 -67.55	207.35 3.43 -123.50	163.32 4.33 -54.24	170.08 4.33 -135.14	130.92 1.40 -82.39	151.48 6.13 -11.23	111.77 4.92 -1.26
PATTRSNVILLE__SOLAR 323815	122.25 5.60 -3.03	131.46 5.37 -14.66	164.12 1.75 -126.16	131.66 1.50 -98.92	124.31 1.45 -92.29	143.64 6.35 -4.07	126.44 3.15 -57.89	185.70 1.45 -154.29	180.22 1.36 -147.61	168.62 1.58 -127.25	116.98 1.24 -78.41	117.88 1.99 -59.94	87.36 1.55 -44.76	116.17 2.51 -50.51	113.11 1.26 -76.84	100.70 2.04 -50.45	162.49 3.48 -88.30	232.74 6.62 -101.10	252.10 4.30 -167.37	188.51 5.47 -78.29	179.40 1.74 -144.11	141.36 2.36 -92.50	156.80 6.47 -16.21	112.39 4.94 -1.87
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	93.93 -8.22 11.46	99.83 -8.29 3.31	49.24 -2.85 -15.88	37.84 -2.48 -9.09	39.13 -2.49 -11.05	101.76 -10.36 21.10	53.03 -4.87 7.51	31.57 -2.69 -4.30	37.47 -2.73 -8.94	39.27 -3.68 -3.16	35.86 -3.34 -1.87	48.08 -4.78 3.07	28.65 -3.84 8.56	46.24 -5.90 11.00	26.23 -3.43 5.35	38.16 -4.14 5.92	51.63 -5.84 13.23	97.85 -10.19 16.98	64.93 -6.43 9.06	40.91 -8.88 54.96	24.47 -2.92 6.16	34.70 -4.15 7.64	76.86 -11.85 45.40	75.35 -8.73 21.49
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	125.73 9.76 -2.36	132.08 9.24 -11.41	137.34 2.93 -98.20	110.75 2.52 -77.00	104.84 2.44 -71.84	146.93 10.54 -3.17	115.85 5.39 -45.06	152.55 2.50 -120.10	148.83 2.68 -114.90	142.29 3.45 -99.06	101.71 3.35 -61.03	107.63 5.03 -46.66	79.42 3.52 -34.85	107.78 5.31 -39.32	97.77 2.95 -59.82	91.61 4.13 -39.27	111.16 6.01 -34.45	157.01 10.85 -21.14	146.10 7.13 -58.54	134.03 9.10 -20.17	145.35 2.96 -108.84	111.56 4.04 -61.02	149.45 11.17 -4.17	114.39 8.39 -0.42
PEEKSKILL____ 23653	123.75 7.82 -2.31	129.95 7.34 -11.17	134.70 2.31 -96.18	108.63 1.99 -75.42	102.85 1.93 -70.36	144.62 8.29 -3.10	113.80 4.27 -44.13	149.54 1.96 -117.63	145.91 2.13 -112.53	139.57 2.77 -97.01	99.87 2.76 -59.78	105.80 4.16 -45.70	78.03 2.86 -34.13	105.95 4.30 -38.51	95.99 2.40 -58.58	89.99 3.31 -38.46	109.05 4.69 -33.65	154.00 8.41 -20.56	143.13 5.55 -57.16	131.50 7.10 -19.66	142.47 2.33 -106.59	109.47 3.24 -59.74	147.11 8.93 -4.07	112.67 6.69 -0.41

PGE MADISON___WINDPWR 24146	137.50 5.86 -18.02	124.62 5.00 -8.18	68.50 1.39 -30.89	61.41 1.09 -29.08	54.78 1.23 -22.99	171.68 6.80 -31.65	95.55 3.09 -27.06	72.29 1.34 -40.99	69.53 1.15 -37.13	77.64 1.06 -36.78	58.40 0.79 -20.28	73.90 0.98 -16.98	67.39 0.87 -25.47	82.67 1.13 -18.39	57.73 1.06 -21.66	64.96 2.25 -14.48	92.55 5.59 -16.25	149.18 10.51 -13.65	113.54 7.39 -25.72	186.94 9.88 -72.31	83.33 3.44 -46.35	74.61 4.43 -23.67	186.00 11.73 -40.15	127.05 7.99 -13.47
PIERCEFIELD___HYD 23852	112.59 -1.02 0.00	110.38 -1.05 0.00	35.80 -0.41 0.00	30.75 -0.48 0.00	30.17 -0.39 0.00	130.95 -2.28 0.00	63.79 -1.61 0.00	29.21 -0.75 0.00	30.42 -0.83 0.00	38.77 -1.02 0.00	36.34 -1.00 0.00	52.83 -1.71 1.40	36.78 -1.18 3.09	60.57 -1.75 0.84	34.07 -0.94 0.00	46.94 -1.28 0.00	68.78 -1.93 0.00	122.49 -2.54 0.00	78.54 -1.88 0.00	102.72 -2.03 0.00	32.63 -0.91 0.00	45.40 -1.10 0.00	132.55 -1.57 0.00	105.11 -0.47 0.00
PINELAWN_CC_1 323563	126.48 10.53 -2.33	132.57 9.85 -11.29	136.44 3.08 -97.15	110.06 2.66 -76.18	104.21 2.58 -71.07	147.21 10.85 -3.13	115.42 5.44 -44.58	151.24 2.48 -118.81	147.67 2.75 -113.66	141.37 3.59 -97.99	125.72 3.75 -84.63	155.11 5.65 -93.53	98.44 3.83 -53.56	107.79 5.74 -38.90	97.36 3.19 -59.17	144.47 4.54 -91.71	176.41 6.66 -99.04	157.57 11.37 -21.17	152.58 7.54 -64.61	297.53 9.97 -182.82	157.19 3.21 -120.44	154.87 4.50 -103.88	152.81 12.38 -6.32	137.77 9.50 -22.68
PJM_GEN_HTP_PROXY 323702	124.85 8.90 -2.33	131.02 8.29 -11.29	135.95 2.57 -97.16	109.62 2.20 -76.19	103.78 2.14 -71.08	145.56 9.20 -3.13	114.73 4.74 -44.59	150.98 2.19 -118.83	147.33 2.39 -113.68	134.65 3.13 -91.73	100.85 3.13 -60.39	106.83 4.73 -46.17	78.79 3.27 -34.48	106.98 4.93 -38.91	96.93 2.73 -59.18	90.83 3.76 -38.85	109.93 5.23 -34.00	154.92 9.13 -20.77	152.06 6.05 -65.58	132.34 7.73 -19.86	143.76 2.53 -107.69	110.38 3.53 -60.35	148.03 9.81 -4.11	113.40 7.41 -0.41
PJM_GEN_KEystone 24065	36.81 -0.30 76.50	107.82 -0.45 3.16	88.54 -0.22 -52.54	43.77 -0.21 -12.75	49.62 -0.23 -19.28	58.60 -1.02 73.61	54.16 -0.36 10.88	91.54 -0.31 -61.88	81.44 -0.24 -50.43	45.05 -0.39 -5.64	-9.42 -0.19 46.57	23.23 -0.17 32.53	33.34 -0.38 7.33	23.50 -0.52 39.12	33.22 -0.34 1.45	43.46 -0.26 4.51	84.53 -0.36 -14.19	132.23 -0.67 -7.88	119.06 -0.37 -39.00	80.06 -0.85 23.84	64.24 -0.24 -30.94	51.08 -0.31 -4.89	-56.90 -0.94 190.08	21.74 -0.91 82.93
PJM_GEN_NEPTUNE_PROXY 323594	125.21 9.26 -2.33	131.43 8.71 -11.29	136.07 2.72 -97.15	109.75 2.35 -76.18	103.90 2.27 -71.07	145.97 9.62 -3.13	114.83 4.85 -44.58	150.98 2.21 -118.81	147.34 2.43 -113.66	134.68 3.18 -91.71	113.95 3.31 -73.30	132.34 5.01 -71.40	89.08 3.39 -44.64	107.20 5.15 -38.90	97.01 2.83 -59.17	119.24 4.01 -67.01	145.10 5.74 -68.65	155.80 9.79 -20.98	156.19 6.53 -69.24	219.99 8.55 -106.68	150.79 2.77 -114.47	133.91 3.88 -83.53	150.13 10.72 -5.29	126.01 8.16 -12.27
PJM_GEN_VFT_PROXY 323633	-89.81 8.34 211.76	13.73 7.73 105.42	35.11 2.39 3.50	35.11 2.05 -1.83	35.11 1.99 -2.56	36.60 8.56 105.18	64.29 4.43 5.55	57.11 2.06 -25.09	42.45 2.24 -8.97	28.83 2.94 13.90	-1076.50 2.98 1116.81	-322.42 4.51 382.88	-11.26 3.10 55.41	-399.73 4.68 467.56	35.11 2.60 2.49	10.72 3.54 41.04	57.33 4.83 18.20	129.80 8.33 3.56	130.15 5.56 -44.17	92.41 7.10 19.44	92.01 2.33 -56.13	24.04 3.28 25.73	-1606.57 9.15 1749.83	-561.19 6.92 673.69
PLATSBURG_115KV_PMLD1 355749	113.16 -0.45 0.00	111.12 -0.31 0.00	35.91 -0.30 0.00	30.76 -0.47 0.00	30.09 -0.47 0.00	130.45 -2.77 0.00	63.80 -1.60 0.00	29.23 -0.73 0.00	30.40 -0.85 0.00	38.68 -1.10 27.37	8.71 -1.25 26.90	27.00 -2.04 56.98	-17.32 -2.13 85.28	-24.27 -0.87 0.00	34.14 -0.86 0.00	47.36 0.23 0.00	70.94 0.09 0.00	125.12 -0.77 0.00	79.65 -1.55 0.00	103.20 -0.81 0.00	32.74 -1.00 0.00	45.50 -0.52 0.00	133.60 -0.41 0.00	105.65 0.07 0.00
PLEASANTVLY___LBMP 24000	123.60 7.56 -2.43	130.34 7.14 -11.77	139.75 2.26 -101.28	112.60 1.96 -79.41	106.56 1.90 -74.09	144.64 8.15 -3.27	116.03 4.15 -46.47	155.73 1.90 -123.86	151.80 2.05 -118.50	144.61 2.66 -102.16	102.90 2.62 -62.94	108.00 3.95 -48.12	79.73 2.74 -35.94	107.85 4.16 -40.55	99.00 2.30 -61.69	91.94 3.22 -40.50	110.78 4.58 -35.49	154.92 8.17 -21.73	146.09 5.38 -60.29	132.39 6.88 -20.76	148.06 2.26 -112.25	112.53 3.11 -62.92	147.01 8.60 -4.30	112.54 6.53 -0.43
PLSNTVLE_13_KV_13.8KVDIST 80602	124.35 8.38 -2.35	130.71 7.91 -11.37	136.58 2.49 -97.88	110.13 2.15 -76.76	104.25 2.08 -71.61	145.32 8.94 -3.16	114.91 4.59 -44.92	151.79 2.12 -119.71	148.07 2.29 -114.53	141.51 2.98 -98.73	101.12 2.95 -60.84	106.90 4.46 -46.51	78.87 3.08 -34.73	106.99 4.65 -39.19	97.22 2.59 -59.63	90.96 3.60 -39.14	110.05 5.10 -34.24	154.97 9.03 -20.91	144.55 5.97 -58.16	132.39 7.64 -20.00	144.52 2.49 -108.48	110.74 3.45 -60.80	147.76 9.51 -4.14	113.19 7.19 -0.41
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	124.35 8.38 -2.35	130.71 7.91 -11.37	136.58 2.49 -97.88	110.13 2.15 -76.76	104.25 2.08 -71.61	145.32 8.94 -3.16	114.91 4.59 -44.92	151.79 2.12 -119.71	148.07 2.29 -114.53	141.51 2.98 -98.73	101.12 2.95 -60.84	106.90 4.46 -46.51	78.87 3.08 -34.73	106.99 4.65 -39.19	97.22 2.59 -59.63	90.96 3.60 -39.14	110.05 5.10 -34.24	154.97 9.03 -20.91	144.55 5.97 -58.16	132.39 7.64 -20.00	144.52 2.49 -108.48	110.74 3.45 -60.80	147.76 9.51 -4.14	113.19 7.19 -0.41
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	124.80 8.80 -2.39	131.31 8.34 -11.54	138.17 2.65 -99.31	111.39 2.28 -77.88	105.44 2.23 -72.65	146.00 9.57 -3.20	115.86 4.89 -45.57	153.66 2.25 -121.46	149.87 2.42 -116.20	143.06 3.09 -100.17	102.05 2.99 -61.72	107.57 4.45 -47.19	79.40 3.11 -35.24	107.64 4.73 -39.76	98.11 2.61 -60.49	91.64 3.71 -39.71	111.34 5.44 -35.19	156.88 9.89 -21.96	146.85 6.49 -59.94	133.84 8.27 -20.82	146.35 2.69 -110.11	112.01 3.69 -61.82	148.58 10.15 -4.31	113.67 7.65 -0.43
POLETTI___ 23519	124.73 8.78 -2.33	130.91 8.19 -11.29	135.93 2.54 -97.17	109.61 2.19 -76.20	103.77 2.12 -71.09	145.46 9.10 -3.13	114.71 4.72 -44.59	150.98 2.18 -118.84	147.31 2.37 -113.70	140.95 3.14 -98.02	100.85 3.13 -60.39	106.84 4.73 -46.17	78.80 3.27 -34.48	106.99 4.93 -38.91	96.93 2.73 -59.19	90.83 3.75 -38.86	109.84 5.13 -34.00	154.63 8.83 -20.77	144.04 5.87 -57.75	132.03 7.42 -19.86	143.68 2.44 -107.70	110.26 3.40 -60.35	147.53 9.31 -4.11	113.10 7.12 -0.41
POMONA___ESR 323819	123.24 7.37 -2.25	129.24 6.92 -10.89	132.11 2.18 -93.72	106.59 1.87 -73.49	100.93 1.80 -68.56	144.02 7.78 -3.02	112.46 4.05 -43.01	146.44 1.86 -114.62	142.93 2.02 -109.66	136.94 2.61 -94.54	98.20 2.62 -58.25	104.40 3.93 -44.53	77.00 2.69 -33.25	104.71 4.04 -37.53	94.35 2.26 -57.09	88.81 3.11 -37.48	107.88 4.39 -32.78	153.00 7.96 -20.01	141.36 5.26 -55.67	130.62 6.73 -19.14	139.64 2.22 -103.87	107.78 3.08 -58.21	146.53 8.45 -3.96	112.26 6.28 -0.39
PORT_JEFF_3 23555	127.09 11.15 -2.33	133.19 10.47 -11.29	136.62 3.27 -97.15	110.24 2.83 -76.18	104.37 2.73 -71.07	147.95 11.59 -3.13	115.64 5.66 -44.58	151.36 2.59 -118.81	147.78 2.86 -113.66	141.53 3.75 -97.99	125.96 4.00 -84.63	155.47 6.01 -93.53	98.64 4.04 -53.56	108.16 6.11 -38.90	97.50 3.32 -59.17	144.68 4.75 -91.71	176.75 7.00 -99.04	157.85 11.66 -21.17	152.97 7.93 -64.61	298.03 10.47 -182.82	157.35 3.37 -120.44	155.08 4.71 -103.88	153.48 13.04 -6.32	138.24 9.97 -22.68

PORT_JEFF_4 23616	127.09 11.15 -2.33	133.19 10.47 -11.29	136.62 3.27 -97.15	110.24 2.83 -76.18	104.37 2.73 -71.07	147.95 11.59 -3.13	115.64 5.66 -44.58	151.36 2.59 -118.81	147.78 2.86 -113.66	141.53 3.75 -97.99	125.96 4.00 -84.63	155.47 6.01 -93.53	98.64 4.04 -53.56	108.16 6.11 -38.90	97.50 3.32 -59.17	144.68 4.75 -91.71	176.75 7.00 -99.04	157.85 11.66 -21.17	152.97 7.93 -64.61	298.03 10.47 -182.82	157.35 3.37 -120.44	155.08 4.71 -103.88	153.48 13.04 -6.32	138.28 10.01 -22.68
PORT_JEFF_IC 23713	127.18 11.23 -2.33	133.26 10.54 -11.29	136.65 3.29 -97.15	110.25 2.84 -76.18	104.39 2.76 -71.07	147.99 11.63 -3.13	115.66 5.68 -44.58	151.38 2.61 -118.81	147.79 2.87 -113.66	141.56 3.78 -97.99	125.99 4.03 -84.63	155.53 6.06 -93.53	98.68 4.08 -53.56	108.22 6.18 -38.90	97.53 3.35 -59.17	144.72 4.79 -91.71	176.83 7.08 -99.04	158.03 11.84 -21.17	153.09 8.06 -64.61	298.15 10.59 -182.82	157.39 3.41 -120.44	155.14 4.77 -103.88	153.60 13.17 -6.32	138.34 10.08 -22.68
PPL PILGRIM_ST_GT1 24216	127.16 11.21 -2.33	133.30 10.58 -11.29	136.68 3.32 -97.15	110.28 2.87 -76.18	104.42 2.79 -71.07	148.10 11.74 -3.13	115.79 5.82 -44.58	151.43 2.66 -118.81	147.83 2.92 -113.66	141.58 3.80 -97.99	125.99 4.03 -84.63	155.51 6.04 -93.53	98.69 4.09 -53.56	108.22 6.18 -38.90	97.57 3.39 -59.17	144.79 4.86 -91.71	176.83 7.08 -99.04	158.00 11.81 -21.17	152.84 7.80 -64.61	298.14 10.58 -182.82	157.40 3.42 -120.44	155.13 4.76 -103.88	153.73 13.29 -6.32	138.56 10.30 -22.68
PPL PILGRIM_ST_GT2 24217	127.16 11.21 -2.33	133.30 10.58 -11.29	136.68 3.32 -97.15	110.28 2.87 -76.18	104.42 2.79 -71.07	148.10 11.74 -3.13	115.79 5.82 -44.58	151.43 2.66 -118.81	147.83 2.92 -113.66	141.58 3.80 -97.99	125.99 4.03 -84.63	155.51 6.04 -93.53	98.69 4.09 -53.56	108.22 6.18 -38.90	97.57 3.39 -59.17	144.79 4.86 -91.71	176.83 7.08 -99.04	158.00 11.81 -21.17	152.84 7.80 -64.61	298.14 10.58 -182.82	157.40 3.42 -120.44	155.13 4.76 -103.88	153.73 13.29 -6.32	138.56 10.30 -22.68
PPL_SHRM_GT3 24213	127.57 11.62 -2.33	133.58 10.86 -11.29	136.74 3.38 -97.15	110.33 2.93 -76.18	104.45 2.82 -71.07	148.35 11.99 -3.13	115.54 5.57 -44.58	151.32 2.55 -118.81	147.76 2.84 -113.66	141.50 3.73 -97.99	126.09 4.12 -84.63	155.65 6.18 -93.53	98.74 4.14 -53.56	108.36 6.31 -38.90	97.57 3.39 -59.17	144.82 4.90 -91.71	177.09 7.34 -99.04	157.98 11.79 -21.17	153.53 8.49 -64.61	298.79 11.22 -182.82	157.56 3.58 -120.44	155.45 5.08 -103.88	154.43 14.00 -6.32	138.73 10.47 -22.68
PPL_SHRM_GT4 24214	127.57 11.62 -2.33	133.58 10.86 -11.29	136.74 3.38 -97.15	110.33 2.93 -76.18	104.45 2.82 -71.07	148.35 11.99 -3.13	115.54 5.57 -44.58	151.32 2.55 -118.81	147.76 2.84 -113.66	141.50 3.73 -97.99	126.09 4.12 -84.63	155.65 6.18 -93.53	98.74 4.14 -53.56	108.36 6.31 -38.90	97.57 3.39 -59.17	144.82 4.90 -91.71	177.09 7.34 -99.04	157.98 11.79 -21.17	153.53 8.49 -64.61	298.79 11.22 -182.82	157.56 3.58 -120.44	155.45 5.08 -103.88	154.43 14.00 -6.32	138.73 10.47 -22.68
PROJECT___ORANGE 1 24174	111.54 -2.29 -0.21	110.07 -2.37 -1.01	44.17 -0.74 -8.70	37.48 -0.56 -6.82	36.33 -0.59 -6.36	130.61 -2.89 -0.28	68.07 -1.32 -3.99	40.04 -0.55 -10.63	40.88 -0.54 -10.17	47.70 -0.86 -8.77	41.95 -0.79 -5.40	58.88 -1.19 -4.13	43.19 -0.94 -3.09	65.16 -1.47 -3.48	39.53 -0.77 -5.30	50.78 -0.92 -3.48	71.36 -1.18 -1.83	123.15 -1.96 -0.08	81.98 -1.21 -2.76	103.33 -1.75 -0.33	42.57 -0.50 -9.52	50.69 -0.81 -5.01	131.44 -2.75 -0.07	103.23 -2.35 0.00
PROJECT___ORANGE 2 24166	111.54 -2.29 -0.21	110.07 -2.37 -1.01	44.17 -0.74 -8.70	37.48 -0.56 -6.82	36.33 -0.59 -6.36	130.61 -2.89 -0.28	68.07 -1.32 -3.99	40.04 -0.55 -10.63	40.88 -0.54 -10.17	47.70 -0.86 -8.77	41.95 -0.79 -5.40	58.88 -1.19 -4.13	43.19 -0.94 -3.09	65.16 -1.47 -3.48	39.53 -0.77 -5.30	50.78 -0.92 -3.48	71.36 -1.18 -1.83	123.15 -1.96 -0.08	81.98 -1.21 -2.76	103.33 -1.75 -0.33	42.57 -0.50 -9.52	50.69 -0.81 -5.01	131.44 -2.75 -0.07	103.23 -2.35 0.00
PUCKETT___SOLAR 323809	114.94 0.56 -0.77	115.43 0.28 -3.72	68.28 0.02 -32.04	56.37 0.01 -25.12	54.06 0.06 -23.44	134.69 0.43 -1.03	80.38 0.28 -14.70	69.33 0.18 -39.19	68.78 0.04 -37.49	71.91 -0.20 -32.32	57.07 -0.18 -19.91	70.78 -0.38 -15.22	52.13 -0.29 -11.37	75.60 -0.38 -12.83	54.41 -0.12 -19.52	61.09 0.06 -12.81	84.40 1.16 -12.54	136.37 2.37 -8.98	103.93 1.73 -21.77	114.99 2.12 -8.12	69.93 0.74 -35.64	67.65 0.83 -20.32	137.71 1.91 -1.68	106.53 0.78 -0.17
PYRITES___HYD 24023	114.63 1.02 0.00	112.44 1.01 0.00	36.48 0.26 0.00	31.33 0.10 0.00	30.74 0.18 0.00	133.52 0.30 0.00	65.17 -0.23 0.00	29.84 -0.12 0.00	31.07 -0.18 0.00	39.43 -0.36 0.00	36.77 -0.56 0.00	53.21 -1.28 1.44	36.93 -0.94 3.18	60.89 -1.40 0.86	34.29 -0.71 0.00	47.35 -0.87 0.00	69.86 -0.85 0.00	125.19 0.17 0.00	80.33 -0.09 0.00	104.94 0.19 0.00	33.33 -0.22 0.00	46.27 -0.22 0.00	134.85 0.73 0.00	106.92 1.34 0.00
QUAKERRD_115KV_BK1 80622	101.43 -6.77 5.42	104.55 -6.82 0.07	45.18 -2.19 -11.16	36.52 -1.86 -7.15	36.75 -1.86 -8.06	115.16 -8.38 9.68	62.77 -3.95 -1.32	41.56 -1.93 -13.54	42.66 -1.98 -13.39	47.11 -2.74 -10.07	41.97 -2.48 -7.11	57.49 -3.66 -5.21	37.67 -2.88 0.50	62.10 -4.51 -3.46	39.31 -2.51 -6.82	49.63 -3.15 -4.55	68.52 -4.59 -2.40	117.20 -7.94 -0.11	79.05 -5.01 -3.63	78.42 -6.91 19.41	40.84 -2.15 -9.44	49.60 -3.15 -6.25	113.58 -9.47 11.07	94.90 -7.22 3.46
QUENSBRY_115KV_TB8 356137	128.37 11.81 -2.95	136.84 11.14 -14.26	162.61 3.64 -122.77	130.59 3.10 -96.26	123.41 3.04 -89.81	150.51 13.32 -3.96	128.33 6.60 -56.33	183.19 3.09 -150.14	178.14 3.25 -143.64	167.40 3.78 -123.83	116.96 3.33 -76.30	119.25 4.99 -58.33	88.33 3.72 -43.56	117.98 5.68 -49.16	112.95 3.16 -74.78	102.39 5.08 -49.09	163.07 7.79 -84.57	234.98 13.98 -95.98	249.56 9.17 -159.97	191.00 11.67 -74.58	177.37 3.72 -140.11	141.06 4.99 -89.58	163.26 13.70 -15.44	118.04 10.68 -1.78
RAMAPO___LBMP 323565	122.88 7.02 -2.24	128.87 6.58 -10.85	131.72 2.08 -93.42	106.27 1.78 -73.26	100.62 1.72 -68.34	143.66 7.42 -3.01	112.13 3.86 -42.87	145.99 1.77 -114.25	142.49 1.93 -109.31	136.51 2.49 -94.23	97.89 2.49 -58.06	104.06 3.73 -44.39	76.75 2.55 -33.15	104.37 3.82 -37.41	94.06 2.15 -56.90	88.51 2.94 -37.36	107.53 4.15 -32.67	152.54 7.57 -19.94	140.90 4.99 -55.48	130.20 6.37 -19.07	139.19 2.11 -103.54	107.44 2.93 -58.02	146.08 8.01 -3.95	111.94 5.96 -0.39
RANKINE____ 23646	93.23 -9.24 11.15	98.42 -9.34 3.67	48.57 -3.10 -15.45	37.35 -2.71 -8.83	38.54 -2.70 -10.69	100.81 -11.74 20.67	51.25 -5.48 8.67	28.30 -2.89 -1.23	34.95 -2.95 -6.66	36.79 -4.02 -1.02	33.87 -3.63 -0.17	45.57 -5.32 5.05	27.47 -4.28 9.30	42.75 -6.67 13.73	23.07 -3.75 8.18	35.33 -4.67 8.23	47.29 -6.74 16.68	92.67 -11.75 20.60	60.36 -7.36 12.70	37.59 -10.10 57.06	20.74 -3.22 9.58	30.96 -4.69 10.85	71.68 -13.67 48.76	71.75 -10.07 23.75
RAVENSWOOD_GT2_1 24244	124.87 8.92 -2.34	131.04 8.32 -11.29	135.99 2.60 -97.18	109.67 2.23 -76.20	103.83 2.17 -71.10	145.67 9.31 -3.13	114.80 4.81 -44.59	151.04 2.22 -118.85	147.38 2.42 -113.71	140.99 3.17 -98.03	100.90 3.16 -60.40	106.90 4.79 -46.17	78.84 3.31 -34.48	107.06 4.99 -38.91	96.97 2.77 -59.20	90.89 3.80 -38.86	109.99 5.28 -34.00	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.82 2.56 -107.71	110.44 3.58 -60.36	148.14 9.91 -4.11	113.51 7.52 -0.41

RAVENSWOOD_GT2_2 24245	124.87 8.92 -2.34	131.04 8.32 -11.29	135.99 2.60 -97.18	109.67 2.23 -76.20	103.83 2.17 -71.10	145.67 9.31 -3.13	114.80 4.81 -44.59	151.04 2.22 -118.85	147.38 2.42 -113.71	140.99 3.17 -98.03	100.90 3.16 -60.40	106.90 4.79 -46.17	78.84 3.31 -34.48	107.06 4.99 -38.91	96.97 2.77 -59.20	90.89 3.80 -38.86	109.99 5.28 -34.00	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.82 2.56 -107.71	110.44 3.58 -60.36	148.14 9.91 -4.11	113.51 7.52 -0.41
RAVENSWOOD_GT2_3 24246	124.92 8.97 -2.34	131.11 8.39 -11.29	136.01 2.62 -97.18	109.67 2.24 -76.20	103.84 2.18 -71.10	145.73 9.37 -3.13	114.82 4.83 -44.59	151.05 2.23 -118.85	147.38 2.42 -113.71	141.01 3.19 -98.03	100.90 3.17 -60.40	106.93 4.81 -46.17	78.87 3.33 -34.48	107.08 5.02 -38.91	96.99 2.79 -59.20	90.92 3.84 -38.86	110.03 5.32 -34.00	155.10 9.30 -20.77	144.32 6.14 -57.75	132.47 7.85 -19.86	143.83 2.58 -107.71	110.46 3.60 -60.36	148.21 9.98 -4.11	113.55 7.55 -0.41
RAVENSWOOD_GT2_4 24247	124.92 8.97 -2.34	131.11 8.39 -11.29	136.01 2.62 -97.18	109.67 2.24 -76.20	103.84 2.18 -71.10	145.73 9.37 -3.13	114.82 4.83 -44.59	151.05 2.23 -118.85	147.38 2.42 -113.71	141.01 3.19 -98.03	100.90 3.17 -60.40	106.93 4.81 -46.17	78.87 3.33 -34.48	107.08 5.02 -38.91	96.99 2.79 -59.20	90.92 3.84 -38.86	110.03 5.32 -34.00	155.10 9.30 -20.77	144.32 6.14 -57.75	132.47 7.85 -19.86	143.83 2.58 -107.71	110.46 3.60 -60.36	148.21 9.98 -4.11	113.55 7.55 -0.41
RAVENSWOOD_GT3_1 24248	124.87 8.92 -2.34	131.04 8.32 -11.29	135.99 2.60 -97.18	109.67 2.23 -76.20	103.83 2.17 -71.10	145.67 9.31 -3.13	114.80 4.81 -44.59	151.04 2.23 -118.85	147.38 2.42 -113.71	140.99 3.17 -98.03	100.90 3.16 -60.40	106.90 4.79 -46.17	78.84 3.31 -34.48	107.06 4.99 -38.91	96.97 2.77 -59.20	90.89 3.80 -38.86	110.00 5.28 -34.00	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.82 2.56 -107.71	110.44 3.58 -60.36	148.15 9.92 -4.11	113.51 7.52 -0.41
RAVENSWOOD_GT3_2 24249	124.87 8.92 -2.34	131.04 8.32 -11.29	135.99 2.60 -97.18	109.67 2.23 -76.20	103.83 2.17 -71.10	145.67 9.31 -3.13	114.80 4.81 -44.59	151.04 2.23 -118.85	147.38 2.42 -113.71	140.99 3.17 -98.03	100.90 3.16 -60.40	106.90 4.79 -46.17	78.84 3.31 -34.48	107.06 4.99 -38.91	96.97 2.77 -59.20	90.89 3.80 -38.86	110.00 5.28 -34.00	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.82 2.56 -107.71	110.44 3.58 -60.36	148.15 9.92 -4.11	113.51 7.52 -0.41
RAVENSWOOD_GT3_3 24250	125.05 9.10 -2.34	131.22 8.50 -11.29	136.05 2.65 -97.18	109.71 2.27 -76.20	103.87 2.21 -71.10	145.86 9.50 -3.13	114.89 4.90 -44.59	151.08 2.27 -118.85	147.42 2.46 -113.71	141.05 3.24 -98.03	100.95 3.22 -60.40	106.98 4.87 -46.17	78.91 3.38 -34.48	107.16 5.10 -38.91	97.03 2.83 -59.20	90.98 3.90 -38.86	110.12 5.41 -34.00	155.23 9.44 -20.77	144.41 6.23 -57.75	132.59 7.97 -19.86	143.88 2.63 -107.71	110.51 3.65 -60.36	148.35 10.13 -4.11	113.66 7.67 -0.41
RAVENSWOOD_GT3_4 24251	125.05 9.10 -2.34	131.22 8.50 -11.29	136.05 2.65 -97.18	109.71 2.27 -76.20	103.87 2.21 -71.10	145.86 9.50 -3.13	114.89 4.90 -44.59	151.08 2.27 -118.85	147.42 2.46 -113.71	141.05 3.24 -98.03	100.95 3.22 -60.40	106.98 4.87 -46.17	78.91 3.38 -34.48	107.16 5.10 -38.91	97.03 2.83 -59.20	90.98 3.90 -38.86	110.12 5.41 -34.00	155.23 9.44 -20.77	144.41 6.23 -57.75	132.59 7.97 -19.86	143.88 2.63 -107.71	110.51 3.65 -60.36	148.35 10.13 -4.11	113.66 7.67 -0.41
RAVENSWOOD_GT_1 23729	155.59 9.32 -32.65	141.31 8.68 -21.19	141.79 2.72 -102.86	115.40 2.33 -81.84	109.52 2.27 -76.69	151.45 9.76 -8.47	115.01 5.02 -44.59	152.60 2.34 -120.29	151.85 2.56 -118.03	147.02 3.34 -103.89	294.67 3.31 -254.02	183.25 5.01 -122.30	94.06 3.48 -49.53	198.57 5.24 -130.19	103.06 2.91 -65.15	101.79 4.00 -49.57	111.69 5.48 -35.50	155.27 9.48 -20.77	144.48 6.31 -57.75	132.70 8.10 -19.86	144.80 2.66 -108.60	119.01 3.68 -68.83	417.10 10.26 -272.72	236.51 7.77 -123.15
RAVENSWOOD_GT_10 24258	128.35 8.91 -5.83	132.18 8.32 -12.43	136.64 2.59 -97.84	110.32 2.23 -76.85	104.47 2.17 -71.74	146.27 9.29 -3.75	114.80 4.81 -44.59	151.20 2.22 -119.02	147.87 2.42 -114.20	141.66 3.17 -98.70	123.23 3.16 -82.74	115.68 4.78 -54.96	80.58 3.31 -36.22	117.57 4.98 -49.44	97.66 2.77 -59.88	92.12 3.80 -40.10	110.17 5.28 -34.18	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.92 2.56 -107.81	111.41 3.58 -61.34	179.12 9.90 -35.10	127.66 7.51 -14.57
RAVENSWOOD_GT_11 24259	128.35 8.91 -5.83	132.18 8.32 -12.43	136.64 2.59 -97.84	110.32 2.23 -76.85	104.47 2.17 -71.74	146.27 9.29 -3.75	114.80 4.81 -44.59	151.20 2.22 -119.02	147.87 2.42 -114.20	141.66 3.17 -98.70	123.23 3.16 -82.74	115.68 4.78 -54.96	80.58 3.31 -36.22	117.57 4.98 -49.44	97.66 2.77 -59.88	92.12 3.80 -40.10	110.17 5.28 -34.18	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.92 2.56 -107.81	111.41 3.58 -61.34	179.12 9.90 -35.10	127.66 7.51 -14.57
RAVENSWOOD_GT_4 24252	147.91 8.87 -25.42	138.57 8.31 -18.83	140.31 2.59 -101.51	113.95 2.22 -80.49	108.07 2.15 -75.36	149.70 9.27 -7.20	114.78 4.79 -44.59	152.11 2.21 -119.95	150.65 2.40 -117.00	145.42 3.14 -102.49	248.30 3.14 -207.83	164.84 4.76 -104.14	90.29 3.30 -45.94	176.53 4.97 -108.42	101.49 2.76 -63.73	99.03 3.79 -47.02	111.13 5.27 -35.14	154.99 9.20 -20.77	144.25 6.07 -57.75	132.38 7.77 -19.86	144.49 2.56 -108.38	116.88 3.57 -66.81	352.66 9.89 -208.65	206.93 7.48 -93.87
RAVENSWOOD_GT_5 24254	147.91 8.87 -25.42	138.57 8.31 -18.83	140.31 2.59 -101.51	113.95 2.22 -80.49	108.07 2.15 -75.36	149.70 9.27 -7.20	114.78 4.79 -44.59	152.11 2.21 -119.95	150.65 2.40 -117.00	145.42 3.14 -102.49	248.30 3.14 -207.83	164.84 4.76 -104.14	90.29 3.30 -45.94	176.53 4.97 -108.42	101.49 2.76 -63.73	99.03 3.79 -47.02	111.13 5.27 -35.14	154.99 9.20 -20.77	144.25 6.07 -57.75	132.38 7.77 -19.86	144.49 2.56 -108.38	116.88 3.57 -66.81	352.66 9.89 -208.65	206.93 7.48 -93.87
RAVENSWOOD_GT_6 24253	147.91 8.87 -25.42	138.57 8.31 -18.83	140.31 2.59 -101.51	113.95 2.22 -80.49	108.07 2.15 -75.36	149.70 9.27 -7.20	114.78 4.79 -44.59	152.11 2.21 -119.95	150.65 2.40 -117.00	145.42 3.14 -102.49	248.30 3.14 -207.83	164.84 4.76 -104.14	90.29 3.30 -45.94	176.53 4.97 -108.42	101.49 2.76 -63.73	99.03 3.79 -47.02	111.13 5.27 -35.14	154.99 9.20 -20.77	144.25 6.07 -57.75	132.38 7.77 -19.86	144.49 2.56 -108.38	116.88 3.57 -66.81	352.66 9.89 -208.65	206.93 7.48 -93.87
RAVENSWOOD_GT_7 24255	147.91 8.87 -25.42	138.57 8.31 -18.83	140.31 2.59 -101.51	113.95 2.22 -80.49	108.07 2.15 -75.36	149.70 9.27 -7.20	114.78 4.79 -44.59	152.11 2.21 -119.95	150.65 2.40 -117.00	145.42 3.14 -102.49	248.30 3.14 -207.83	164.84 4.76 -104.14	90.29 3.30 -45.94	176.53 4.97 -108.42	101.49 2.76 -63.73	99.03 3.79 -47.02	111.13 5.27 -35.14	154.99 9.20 -20.77	144.25 6.07 -57.75	132.38 7.77 -19.86	144.49 2.56 -108.38	116.88 3.57 -66.81	352.66 9.89 -208.65	206.93 7.48 -93.87
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	128.35 8.91 -5.83	132.18 8.32 -12.43	136.64 2.59 -97.84	110.32 2.23 -76.85	104.47 2.17 -71.74	146.27 9.29 -3.75	114.80 4.81 -44.59	151.20 2.22 -119.02	147.87 2.42 -114.20	141.66 3.17 -98.70	123.23 3.16 -82.74	115.68 4.78 -54.96	80.58 3.31 -36.22	117.57 4.98 -49.44	97.66 2.77 -59.88	92.12 3.80 -40.10	110.17 5.28 -34.18	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.92 2.56 -107.81	111.41 3.58 -61.34	179.12 9.90 -35.10	127.66 7.51 -14.57

RAVENSWOOD_GT_9 24257	128.35 8.91 -5.83	132.18 8.32 -12.43	136.64 2.59 -97.84	110.32 2.23 -76.85	104.47 2.17 -71.74	146.27 9.29 -3.75	114.80 4.81 -44.59	151.20 2.22 -119.02	147.87 2.42 -114.20	141.66 3.17 -98.70	123.23 3.16 -82.74	115.68 4.78 -54.96	80.58 3.31 -36.22	117.57 4.98 -49.44	97.66 2.77 -59.88	92.12 3.80 -40.10	110.17 5.28 -34.18	155.02 9.23 -20.77	144.28 6.10 -57.75	132.43 7.82 -19.86	143.92 2.56 -107.81	111.41 3.58 -61.34	179.12 9.90 -35.10	127.66 7.51 -14.57
RAVENSWOOD___1 23533	95.23 9.13 27.52	121.52 8.55 -1.55	130.46 2.67 -91.59	104.17 2.28 -70.65	98.38 2.24 -65.59	140.65 9.54 2.12	114.93 4.94 -44.59	149.69 2.30 -117.44	143.20 2.51 -109.44	135.32 3.28 -92.25	-89.67 3.26 130.27	32.09 4.94 28.79	64.12 3.41 -19.66	17.33 5.15 50.97	91.19 2.85 -53.33	80.47 3.94 -28.31	108.63 5.40 -32.53	155.16 9.36 -20.77	144.40 6.22 -57.75	132.63 8.02 -19.86	143.00 2.63 -106.83	102.14 3.63 -52.01	-116.11 10.19 260.41	-7.20 7.68 120.47
RAVENSWOOD___2 23534	95.23 9.13 27.52	121.52 8.55 -1.55	130.46 2.67 -91.59	104.17 2.28 -70.65	98.38 2.24 -65.59	140.65 9.54 2.12	114.93 4.94 -44.59	149.69 2.30 -117.44	143.20 2.51 -109.44	135.32 3.28 -92.25	-89.67 3.26 130.27	32.09 4.94 28.79	64.12 3.41 -19.66	17.33 5.15 50.97	91.19 2.85 -53.33	80.47 3.94 -28.31	108.63 5.40 -32.53	155.16 9.36 -20.77	144.40 6.22 -57.75	132.63 8.02 -19.86	143.00 2.63 -106.83	102.14 3.63 -52.01	-116.11 10.19 260.41	-7.20 7.68 120.47
RAVENSWOOD___3 23535	124.88 8.93 -2.34	131.06 8.33 -11.29	135.99 2.60 -97.18	109.67 2.23 -76.20	103.83 2.17 -71.10	145.67 9.31 -3.13	114.80 4.81 -44.59	151.04 2.23 -118.85	147.38 2.42 -113.71	140.99 3.17 -98.03	100.90 3.17 -60.40	106.90 4.79 -46.17	78.84 3.30 -34.48	107.05 4.99 -38.91	96.97 2.77 -59.20	90.89 3.81 -38.86	110.00 5.29 -34.00	155.01 9.21 -20.77	144.29 6.12 -57.75	132.45 7.84 -19.86	143.82 2.56 -107.71	110.43 3.58 -60.36	148.19 9.96 -4.11	113.52 7.53 -0.41
RAVENSWOOD___4 23820	95.23 9.13 27.52	121.52 8.55 -1.55	130.46 2.67 -91.59	104.17 2.28 -70.65	98.38 2.24 -65.59	140.65 9.54 2.12	114.93 4.94 -44.59	149.69 2.30 -117.44	143.20 2.51 -109.44	135.32 3.28 -92.25	-89.67 3.26 130.27	32.09 4.94 28.79	64.12 3.41 -19.66	17.33 5.15 50.97	91.19 2.85 -53.33	80.47 3.94 -28.31	108.63 5.40 -32.53	155.16 9.36 -20.77	144.40 6.22 -57.75	132.63 8.02 -19.86	143.00 2.63 -106.83	102.14 3.63 -52.01	-116.11 10.19 260.41	-7.20 7.68 120.47
RCPT_TRUST___DRP 24196	125.00 9.05 -2.33	131.13 8.41 -11.29	135.99 2.61 -97.16	109.66 2.24 -76.19	103.82 2.17 -71.08	145.73 9.37 -3.13	114.82 4.83 -44.59	151.02 2.23 -118.83	147.36 2.43 -113.68	140.98 3.18 -98.01	100.91 3.18 -60.39	106.93 4.82 -46.17	78.86 3.34 -34.48	107.09 5.04 -38.91	96.98 2.79 -59.18	90.92 3.85 -38.85	110.05 5.35 -34.00	155.10 9.31 -20.77	144.31 6.14 -57.74	132.46 7.85 -19.86	143.81 2.57 -107.69	110.42 3.58 -60.35	148.15 9.92 -4.11	113.49 7.50 -0.41
RED___ROCHESTER 323720	103.10 -4.44 6.07	106.65 -4.59 0.19	46.20 -1.50 -11.49	37.18 -1.28 -7.23	37.55 -1.30 -8.29	116.47 -5.92 10.84	63.72 -2.71 -1.03	42.49 -1.41 -13.94	43.65 -1.43 -13.82	48.01 -2.05 -10.27	42.92 -1.75 -7.34	58.68 -2.61 -5.36	37.96 -2.19 0.90	63.24 -3.38 -3.48	40.11 -1.92 -7.03	50.67 -2.25 -4.70	70.01 -3.18 -2.48	119.86 -5.28 -0.12	80.89 -3.34 -3.81	78.20 -4.83 21.72	41.53 -1.50 -9.49	50.67 -2.25 -6.43	114.78 -6.97 12.37	96.59 -5.13 3.86
REGAN___SOLAR 323812	124.74 7.97 -3.16	134.37 7.66 -15.28	170.16 2.48 -131.47	136.44 2.12 -103.09	128.77 2.03 -96.18	146.46 8.99 -4.24	130.24 4.51 -60.33	192.85 2.11 -160.79	186.83 1.75 -153.82	174.13 1.73 -132.61	120.15 1.10 -81.71	120.24 1.84 -62.47	89.43 1.74 -46.65	118.82 3.03 -52.64	116.43 1.34 -80.08	103.18 2.38 -52.57	161.39 5.02 -85.67	230.14 10.10 -95.01	248.29 6.57 -161.29	187.11 8.32 -74.04	185.71 2.60 -149.57	144.34 3.48 -94.37	158.89 9.44 -15.33	114.42 7.08 -1.75
RENSSELAER___COGEN 23796	120.73 4.27 -2.85	129.21 4.01 -13.77	155.95 1.24 -118.50	125.30 1.15 -92.92	118.39 1.13 -86.70	141.60 4.55 -3.82	122.11 2.33 -54.38	175.85 0.97 -144.93	170.93 1.03 -138.65	160.63 1.30 -119.53	112.32 1.33 -73.65	114.21 1.97 -56.30	84.62 1.52 -42.05	112.79 2.20 -47.45	108.46 1.27 -72.18	97.52 1.91 -47.39	133.45 2.53 -60.21	186.11 4.34 -56.75	192.84 2.80 -109.62	154.79 3.53 -46.51	167.87 1.16 -133.16	127.82 1.72 -79.61	149.04 5.29 -9.63	111.00 4.35 -1.07
REPUBLIC_115KV_BARTNBRK 55605	133.98 17.41 -2.95	141.74 16.05 -14.25	164.17 5.32 -122.64	131.88 4.48 -96.17	124.69 4.41 -89.72	156.46 19.28 -3.96	131.11 9.44 -56.28	184.43 4.48 -149.99	179.62 4.87 -143.49	169.09 5.59 -123.71	118.29 4.74 -76.22	121.10 6.89 -58.27	89.61 5.04 -43.52	119.79 7.54 -49.11	113.95 4.25 -74.70	104.54 7.28 -49.04	166.39 11.55 -84.14	241.23 20.91 -95.30	253.33 13.83 -159.08	196.56 17.72 -74.09	179.17 5.69 -139.93	143.29 7.42 -89.38	169.53 20.07 -15.34	122.98 15.63 -1.76
REVERE_CPPR_DRP 24186	116.92 3.19 -0.11	114.99 3.02 -0.55	41.95 1.03 -4.71	35.79 0.88 -3.69	34.87 0.87 -3.44	137.21 3.84 -0.15	69.58 2.03 -2.16	36.69 0.98 -5.75	37.81 1.05 -5.50	45.69 1.15 -4.75	41.30 1.05 -2.92	59.86 1.69 -2.24	43.96 1.24 -1.67	66.70 1.67 -1.88	38.79 0.92 -2.87	51.55 1.45 -1.88	74.39 2.69 -0.99	130.40 5.33 -0.05	85.49 3.58 -1.50	109.77 4.84 -0.18	40.17 1.48 -5.15	50.99 1.79 -2.71	138.87 4.72 -0.04	109.01 3.43 0.00
REYNOLDS_115KV_TB3 80639	121.82 5.35 -2.85	130.32 5.09 -13.80	156.55 1.61 -118.73	125.78 1.44 -93.11	118.83 1.40 -86.87	142.95 5.90 -3.83	122.85 2.96 -54.48	176.46 1.29 -145.21	171.54 1.37 -138.92	161.29 1.74 -119.77	112.83 1.70 -73.79	114.90 2.55 -56.41	85.10 1.92 -42.13	113.52 2.84 -47.54	108.95 1.62 -72.32	98.06 2.36 -47.48	137.39 3.30 -63.38	192.64 5.65 -61.97	200.31 3.67 -116.21	159.65 4.68 -50.23	168.79 1.52 -133.72	129.41 2.17 -80.74	150.90 6.39 -10.40	111.86 5.12 -1.16
RIVERBAY____ 323610	125.03 9.07 -2.34	131.24 8.51 -11.29	136.08 2.68 -97.18	109.73 2.30 -76.20	103.94 2.28 -71.10	146.09 9.73 -3.13	114.98 4.99 -44.59	151.12 2.30 -118.85	147.54 2.58 -113.71	141.14 3.32 -98.03	100.96 3.22 -60.40	107.01 4.89 -46.17	78.92 3.39 -34.48	107.16 5.10 -38.91	97.02 2.82 -59.20	90.98 3.89 -38.86	110.05 5.34 -34.00	155.59 9.79 -20.77	144.68 6.50 -57.75	132.94 8.33 -19.86	143.97 2.72 -107.71	110.56 3.70 -60.36	148.43 10.21 -4.11	113.68 7.69 -0.41
RIVERSIDE_115KV_TB3 55908	121.36 4.88 -2.86	129.90 4.64 -13.83	156.66 1.44 -119.01	125.88 1.33 -93.32	118.92 1.30 -87.06	142.40 5.33 -3.84	122.75 2.74 -54.61	176.67 1.17 -145.55	171.72 1.23 -139.24	161.40 1.57 -120.04	112.87 1.57 -73.96	114.81 2.33 -56.54	85.06 1.78 -42.23	113.42 2.62 -47.65	109.00 1.50 -72.49	98.02 2.21 -47.59	137.53 3.03 -63.79	192.76 5.17 -62.56	200.82 3.35 -117.04	159.67 4.26 -50.67	168.99 1.39 -134.05	129.52 2.01 -81.01	150.60 6.00 -10.49	111.59 4.84 -1.17
ROARING___BROOK_WT_PWR 323790	111.23 -2.38 0.00	108.65 -2.78 0.00	35.33 -0.88 0.00	30.34 -0.89 0.00	29.68 -0.88 0.00	130.44 -2.78 0.00	63.70 -1.70 0.00	29.11 -0.85 0.00	30.33 -0.93 0.00	38.69 -1.10 0.00	36.22 -1.11 0.00	51.14 -1.76 3.05	33.14 -1.21 6.70	59.45 -1.89 1.81	33.93 -1.07 0.00	46.81 -1.41 0.00	68.76 -1.94 0.00	122.16 -2.86 0.00	78.96 -1.46 0.00	103.24 -1.51 0.00	32.85 -0.70 0.00	45.44 -1.05 0.00	131.32 -2.79 0.00	103.74 -1.84 0.00

ROCHESRG_115KV_T4 355643	101.92 -5.72 5.98	105.08 -5.83 0.52	45.74 -1.88 -11.41	36.80 -1.62 -7.19	37.12 -1.62 -8.18	115.13 -7.32 10.78	61.98 -3.43 -0.02	39.79 -1.75 -11.58	41.62 -1.78 -12.16	45.91 -2.51 -8.63	41.13 -2.23 -6.02	56.36 -3.32 -3.74	36.77 -2.68 1.60	60.07 -4.23 -1.15	37.35 -2.35 -4.70	48.11 -2.89 -2.78	66.02 -4.26 0.44	114.83 -7.21 2.99	76.74 -4.55 -0.87	74.36 -6.34 24.05	38.29 -1.96 -6.71	47.38 -2.89 -3.77	109.81 -8.63 15.67	93.19 -6.42 5.98
ROCHESTER_9_IC 23652	102.50 -5.05 6.07	106.07 -5.17 0.19	46.02 -1.68 -11.49	37.02 -1.44 -7.23	37.40 -1.45 -8.29	115.84 -6.55 10.84	63.38 -3.05 -1.03	42.33 -1.57 -13.94	43.48 -1.60 -13.82	47.79 -2.27 -10.27	42.67 -2.01 -7.34	58.32 -2.97 -5.36	37.72 -2.43 0.90	62.81 -3.81 -3.48	39.90 -2.13 -7.03	50.35 -2.57 -4.70	69.43 -3.76 -2.48	118.85 -6.29 -0.12	80.30 -3.94 -3.81	77.45 -5.59 21.72	41.31 -1.72 -9.49	50.35 -2.57 -6.43	113.99 -7.75 12.37	95.95 -5.77 3.86
ROCKVIEW_13_KV_LD 356306	124.91 8.96 -2.33	131.15 8.43 -11.29	136.04 2.65 -97.17	109.70 2.27 -76.20	103.85 2.20 -71.09	145.84 9.48 -3.13	114.86 4.87 -44.59	151.05 2.25 -118.85	147.39 2.44 -113.70	141.00 3.19 -98.02	100.90 3.17 -60.39	106.90 4.79 -46.17	78.84 3.31 -34.48	107.05 4.99 -38.91	96.97 2.77 -59.19	90.93 3.85 -38.86	110.17 5.46 -34.00	155.42 9.62 -20.77	144.52 6.34 -57.75	132.70 8.09 -19.86	143.90 2.66 -107.70	110.53 3.67 -60.36	148.37 10.15 -4.11	113.63 7.64 -0.41
ROME____115KV_TB2 80656	116.92 3.19 -0.11	114.99 3.02 -0.55	41.95 1.03 -4.71	35.79 0.88 -3.69	34.87 0.87 -3.44	137.21 3.84 -0.15	69.58 2.03 -2.16	36.69 0.98 -5.75	37.81 1.05 -5.50	45.69 1.15 -4.75	41.30 1.05 -2.92	59.86 1.69 -2.24	43.96 1.24 -1.67	66.70 1.67 -1.88	38.79 0.92 -2.87	51.55 1.45 -1.88	74.39 2.69 -0.99	130.40 5.33 -0.05	85.49 3.58 -1.50	109.77 4.84 -0.18	40.17 1.48 -5.15	50.99 1.79 -2.71	138.87 4.72 -0.04	109.01 3.43 0.00
ROSETON___1 23587	123.12 7.18 -2.33	129.51 6.79 -11.28	135.49 2.15 -97.12	109.24 1.86 -76.16	103.42 1.80 -71.05	144.09 7.73 -3.13	113.92 3.96 -44.57	150.55 1.81 -118.78	146.85 1.96 -113.64	140.29 2.54 -97.97	100.20 2.51 -60.36	105.86 3.78 -46.15	78.11 2.60 -34.46	105.98 3.95 -38.89	96.36 2.19 -59.16	90.11 3.05 -38.84	108.92 4.35 -33.86	153.34 7.77 -20.55	143.01 5.13 -57.45	131.00 6.55 -19.70	143.33 2.15 -107.63	109.76 2.98 -60.28	146.36 8.17 -4.08	112.14 6.15 -0.41
ROSETON___2 23588	123.12 7.18 -2.33	129.51 6.79 -11.28	135.49 2.15 -97.12	109.24 1.86 -76.16	103.42 1.80 -71.05	144.09 7.73 -3.13	113.92 3.96 -44.57	150.55 1.81 -118.78	146.85 1.96 -113.64	140.29 2.54 -97.97	100.20 2.51 -60.36	105.86 3.78 -46.15	78.11 2.60 -34.46	105.98 3.95 -38.89	96.36 2.19 -59.16	90.11 3.05 -38.84	108.92 4.35 -33.86	153.34 7.77 -20.55	143.01 5.13 -57.45	131.00 6.55 -19.70	143.33 2.15 -107.63	109.76 2.98 -60.28	146.36 8.17 -4.08	112.14 6.15 -0.41
ROTRDAM_115KV_TB3 80664	121.68 5.08 -2.98	130.75 4.90 -14.42	161.94 1.61 -124.12	129.94 1.38 -97.33	122.71 1.35 -90.80	143.06 5.84 -4.00	125.24 2.89 -56.95	183.08 1.32 -151.80	177.83 1.36 -145.22	166.62 1.64 -125.20	115.96 1.48 -77.14	117.18 2.27 -58.97	86.77 1.67 -44.04	115.48 2.64 -49.70	112.03 1.42 -75.60	99.95 2.10 -49.63	163.25 3.24 -89.31	234.34 5.88 -103.43	253.94 3.82 -169.69	189.54 4.87 -79.93	177.13 1.56 -142.02	140.41 2.12 -91.79	156.54 5.87 -16.55	112.03 4.54 -1.91
RUSSELL___1 23602	103.10 -4.44 6.07	106.65 -4.60 0.19	46.20 -1.50 -11.49	37.17 -1.29 -7.23	37.55 -1.30 -8.29	116.51 -5.88 10.84	63.72 -2.71 -1.03	42.49 -1.41 -13.94	43.65 -1.42 -13.82	48.02 -2.04 -10.27	42.89 -1.79 -7.34	58.66 -2.64 -5.36	37.97 -2.18 0.90	63.21 -3.42 -3.48	40.12 -1.91 -7.03	50.67 -2.25 -4.70	69.92 -3.27 -2.48	119.78 -5.36 -0.12	80.89 -3.35 -3.81	78.19 -4.84 21.72	41.54 -1.49 -9.49	50.66 -2.26 -6.43	114.82 -6.93 12.37	96.58 -5.14 3.86
RUSSELL___2 23532	103.10 -4.44 6.07	106.65 -4.60 0.19	46.20 -1.50 -11.49	37.17 -1.29 -7.23	37.55 -1.30 -8.29	116.51 -5.88 10.84	63.72 -2.71 -1.03	42.49 -1.41 -13.94	43.65 -1.42 -13.82	48.02 -2.04 -10.27	42.89 -1.79 -7.34	58.66 -2.64 -5.36	37.97 -2.18 0.90	63.21 -3.42 -3.48	40.12 -1.91 -7.03	50.67 -2.25 -4.70	69.92 -3.27 -2.48	119.78 -5.36 -0.12	80.89 -3.35 -3.81	78.19 -4.84 21.72	41.54 -1.49 -9.49	50.66 -2.26 -6.43	114.82 -6.93 12.37	96.58 -5.14 3.86
RUSSELL___3 23549	103.10 -4.44 6.07	106.65 -4.60 0.19	46.20 -1.50 -11.49	37.17 -1.29 -7.23	37.55 -1.30 -8.29	116.51 -5.88 10.84	63.72 -2.71 -1.03	42.49 -1.41 -13.94	43.65 -1.42 -13.82	48.02 -2.04 -10.27	42.89 -1.79 -7.34	58.66 -2.64 -5.36	37.97 -2.18 0.90	63.21 -3.42 -3.48	40.12 -1.91 -7.03	50.67 -2.25 -4.70	69.92 -3.27 -2.48	119.78 -5.36 -0.12	80.89 -3.35 -3.81	78.19 -4.84 21.72	41.54 -1.49 -9.49	50.66 -2.26 -6.43	114.82 -6.93 12.37	96.58 -5.14 3.86
RUSSELL___4 23556	103.10 -4.44 6.07	106.65 -4.60 0.19	46.20 -1.50 -11.49	37.17 -1.29 -7.23	37.55 -1.30 -8.29	116.51 -5.88 10.84	63.72 -2.71 -1.03	42.49 -1.41 -13.94	43.65 -1.42 -13.82	48.02 -2.04 -10.27	42.89 -1.79 -7.34	58.66 -2.64 -5.36	37.97 -2.18 0.90	63.21 -3.42 -3.48	40.12 -1.91 -7.03	50.67 -2.25 -4.70	69.92 -3.27 -2.48	119.78 -5.36 -0.12	80.89 -3.35 -3.81	78.19 -4.84 21.72	41.54 -1.49 -9.49	50.66 -2.26 -6.43	114.82 -6.93 12.37	96.58 -5.14 3.86
RUSSELL___STATION 23914	103.10 -4.44 6.07	106.65 -4.60 0.19	46.20 -1.50 -11.49	37.17 -1.29 -7.23	37.55 -1.30 -8.29	116.51 -5.88 10.84	63.72 -2.71 -1.03	42.49 -1.41 -13.94	43.65 -1.42 -13.82	48.02 -2.04 -10.27	42.89 -1.79 -7.34	58.66 -2.64 -5.36	37.97 -2.18 0.90	63.21 -3.42 -3.48	40.12 -1.91 -7.03	50.67 -2.25 -4.70	69.92 -3.27 -2.48	119.78 -5.36 -0.12	80.89 -3.35 -3.81	78.19 -4.84 21.72	41.54 -1.49 -9.49	50.66 -2.26 -6.43	114.82 -6.93 12.37	96.58 -5.14 3.86
S SALMON___HYD 24043	110.78 -3.00 -0.16	108.91 -3.32 -0.80	42.02 -1.05 -6.86	35.76 -0.84 -5.38	34.72 -0.86 -5.02	129.45 -4.00 -0.22	66.68 -1.87 -3.15	37.59 -0.76 -8.39	38.53 -0.74 -8.03	45.58 -1.13 -6.92	40.43 -1.17 -4.26	57.15 -1.92 -3.13	41.73 -1.48 -2.16	63.69 -2.13 -2.67	38.02 -1.17 -4.18	49.45 -1.51 -2.74	70.64 -1.51 -1.44	123.22 -1.87 -0.07	81.52 -1.08 -2.18	104.02 -0.99 -0.26	40.74 -0.31 -7.51	49.70 -0.75 -3.95	131.58 -2.59 -0.05	103.44 -2.14 0.00
S.PERRY__115KV_TB1 80734	94.12 -3.71 15.78	114.55 -3.74 -6.86	50.94 -1.18 -15.91	38.24 -1.06 -8.08	42.10 -1.09 -12.63	102.84 -5.04 25.35	86.52 -1.84 -22.96	105.64 -0.79 -76.48	89.83 -0.75 -59.33	90.96 -1.44 -52.61	78.40 -1.52 -42.58	100.62 -2.70 -47.38	50.72 -2.14 -11.80	122.04 -3.33 -62.22	101.02 -1.71 -67.72	100.61 -2.19 -54.58	148.21 -2.25 -79.75	205.89 -1.62 -82.49	163.60 -0.74 -83.92	117.94 -1.66 -14.85	112.27 -0.53 -79.25	121.14 -1.10 -75.74	187.95 -3.79 -57.62	147.91 -3.20 -45.53
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	93.45 -9.85 10.32	98.07 -9.93 3.42	47.76 -3.27 -14.81	36.95 -2.85 -8.57	37.98 -2.83 -10.26	101.59 -12.47 19.16	51.50 -5.87 8.03	28.12 -3.10 -1.26	34.48 -3.18 -6.41	36.59 -4.31 -1.10	33.64 -3.88 -0.19	45.46 -5.69 4.79	27.88 -4.57 8.60	42.93 -7.19 13.02	23.18 -4.05 7.78	35.31 -5.08 7.83	47.25 -7.52 15.94	92.07 -13.25 19.70	59.84 -8.32 12.26	39.79 -11.29 53.67	21.02 -3.57 8.95	31.02 -5.14 10.33	73.18 -14.91 46.02	72.20 -10.89 22.48

SAWYER___23_KV_LOAD 55526	93.45 -9.85 10.32	98.07 -9.93 3.42	47.76 -3.27 -14.81	36.95 -2.85 -8.57	37.98 -2.83 -10.26	101.59 -12.47 19.16	51.50 -5.87 8.03	28.12 -3.10 -1.26	34.48 -3.18 -6.41	36.59 -4.31 -1.10	33.64 -3.88 -0.19	45.46 -5.69 4.79	27.88 -4.57 8.60	42.93 -7.19 13.02	23.18 -4.05 7.78	35.31 -5.08 7.83	47.25 -7.52 15.94	92.07 -13.25 19.70	59.84 -8.32 12.26	39.79 -11.29 53.67	21.02 -3.57 8.95	31.02 -5.14 10.33	73.18 -14.91 46.02	72.20 -10.89 22.48
SELKIRK___I 23801	121.09 4.67 -2.81	129.46 4.46 -13.57	154.42 1.42 -116.79	124.10 1.30 -91.58	117.27 1.27 -85.44	142.27 5.28 -3.77	121.60 2.61 -53.59	173.91 1.12 -142.83	169.07 1.17 -136.65	158.96 1.36 -117.81	111.21 1.28 -72.59	113.37 1.94 -55.49	83.91 1.42 -41.44	112.23 2.32 -46.76	107.48 1.34 -71.14	96.90 1.98 -46.70	126.15 2.80 -52.64	174.64 4.90 -44.71	177.60 3.13 -94.04	146.62 3.99 -37.88	165.44 1.31 -130.59	124.65 1.84 -76.31	147.44 5.48 -7.84	110.89 4.46 -0.85
SELKIRK___II 23799	120.79 4.34 -2.83	129.27 4.14 -13.70	155.44 1.31 -117.92	124.88 1.19 -92.47	117.99 1.16 -86.27	141.82 4.79 -3.80	121.93 2.42 -54.11	175.22 1.04 -144.22	170.32 1.10 -137.97	160.12 1.39 -118.95	112.00 1.37 -73.29	114.04 2.07 -56.03	84.42 1.53 -41.84	112.66 2.30 -47.22	108.13 1.30 -71.83	97.25 1.88 -47.15	127.65 2.59 -54.35	176.70 4.53 -47.15	180.82 2.94 -97.45	148.16 3.74 -39.67	166.73 1.22 -131.97	125.68 1.75 -77.44	147.53 5.20 -8.21	110.64 4.17 -0.89
SENECA OSWGO___HYD 24041	110.63 -3.17 -0.18	109.09 -3.24 -0.89	42.89 -1.02 -7.70	36.47 -0.80 -6.04	35.36 -0.83 -5.63	129.57 -3.91 -0.25	67.11 -1.82 -3.53	38.61 -0.77 -9.42	39.52 -0.74 -9.01	46.45 -1.11 -7.77	41.13 -0.99 -4.79	58.09 -1.51 -3.66	42.64 -1.14 -2.73	64.44 -1.79 -3.08	38.75 -0.94 -4.69	50.12 -1.18 -3.08	70.74 -1.59 -1.62	122.43 -2.67 -0.07	81.21 -1.66 -2.45	102.70 -2.35 -0.30	41.30 -0.68 -8.43	49.84 -1.10 -4.44	130.60 -3.57 -0.06	102.61 -2.97 0.00
SENECA___115KV_TB3 355854	93.40 -9.06 11.15	98.61 -9.14 3.67	48.62 -3.04 -15.45	37.41 -2.65 -8.83	38.60 -2.65 -10.69	101.01 -11.54 20.67	51.36 -5.37 8.67	28.35 -2.84 -1.23	35.01 -2.90 -6.66	36.86 -3.95 -1.02	33.94 -3.57 -0.17	45.67 -5.22 5.05	27.54 -4.21 9.30	42.85 -6.57 13.73	23.12 -3.70 8.18	35.42 -4.58 8.23	47.42 -6.61 16.68	92.92 -11.51 20.60	60.52 -7.21 12.70	37.79 -9.90 57.06	20.80 -3.16 9.58	31.05 -4.60 10.85	71.95 -13.40 48.76	71.95 -9.88 23.75
SENECA___ENERGY 23797	108.45 -3.23 1.94	109.59 -3.34 -1.50	47.60 -0.98 -12.37	39.57 -0.75 -9.08	38.88 -0.78 -9.10	126.02 -3.84 3.37	69.68 -1.68 -5.96	48.22 -0.69 -18.94	47.86 -0.68 -17.28	53.29 -1.20 -14.70	46.12 -1.14 -9.92	62.83 -1.64 -8.54	43.58 -1.37 -3.90	69.55 -2.10 -8.51	45.35 -1.10 -11.44	55.19 -1.24 -8.21	78.51 -1.59 -9.40	130.25 -2.67 -7.90	91.30 -1.55 -12.43	101.75 -2.37 0.63	50.23 -0.61 -17.30	57.61 -0.98 -12.10	132.57 -3.66 -2.11	104.81 -3.18 -2.41
SHOEMAKER___GT 23640	122.01 6.26 -2.13	127.67 5.92 -10.32	126.90 1.89 -88.80	102.48 1.62 -69.63	97.09 1.56 -64.97	142.81 6.72 -2.87	109.62 3.47 -40.75	140.16 1.60 -108.61	136.87 1.71 -103.90	131.53 2.17 -89.57	94.63 2.10 -55.19	101.34 3.21 -42.19	74.75 2.19 -31.51	102.00 3.29 -35.56	90.93 1.84 -54.09	86.31 2.58 -35.51	105.54 3.78 -31.06	150.93 6.95 -18.95	137.74 4.58 -52.74	128.71 5.83 -18.13	133.88 1.92 -98.42	104.28 2.63 -55.15	145.07 7.21 -3.75	111.30 5.35 -0.37
SHOEMAKR_138KV_BK 111 55601	121.94 6.21 -2.12	127.55 5.87 -10.25	126.28 1.86 -88.21	102.00 1.60 -69.17	96.64 1.56 -64.53	142.74 6.68 -2.85	109.31 3.44 -40.47	139.43 1.59 -107.87	136.16 1.70 -103.20	130.93 2.16 -88.97	94.27 2.12 -54.82	101.06 3.21 -41.91	74.55 2.20 -31.30	101.76 3.30 -35.32	90.57 1.84 -53.73	86.07 2.58 -35.27	105.29 3.74 -30.85	150.74 6.90 -18.82	137.35 4.55 -52.38	128.52 5.76 -18.01	133.20 1.90 -97.76	103.88 2.61 -54.78	144.94 7.10 -3.73	111.24 5.29 -0.37
SHOREHAM_IC_1 23715	127.57 11.62 -2.33	133.58 10.86 -11.29	136.74 3.38 -97.15	110.33 2.93 -76.18	104.45 2.82 -71.07	148.35 11.99 -3.13	115.54 5.57 -44.58	151.32 2.55 -118.81	147.76 2.84 -113.66	141.50 3.73 -97.99	126.09 4.12 -84.63	155.65 6.18 -93.53	98.74 4.14 -53.56	108.36 6.31 -38.90	97.57 3.39 -59.17	144.82 4.90 -91.71	177.09 7.34 -99.04	157.98 11.79 -21.17	153.53 8.49 -64.61	298.79 11.22 -182.82	157.56 3.58 -120.44	155.45 5.08 -103.88	154.43 14.00 -6.32	138.73 10.47 -22.68
SHOREHAM_IC_2 23716	127.57 11.62 -2.33	133.58 10.86 -11.29	136.74 3.38 -97.15	110.33 2.93 -76.18	104.45 2.82 -71.07	148.35 11.99 -3.13	115.54 5.57 -44.58	151.32 2.55 -118.81	147.76 2.84 -113.66	141.50 3.73 -97.99	126.09 4.12 -84.63	155.65 6.18 -93.53	98.74 4.14 -53.56	108.36 6.31 -38.90	97.57 3.39 -59.17	144.82 4.90 -91.71	177.09 7.34 -99.04	157.98 11.79 -21.17	153.53 8.49 -64.61	298.79 11.22 -182.82	157.56 3.58 -120.44	155.45 5.08 -103.88	154.43 14.00 -6.32	138.73 10.47 -22.68
SISSONVILLE____ 23735	112.59 -1.02 0.00	110.38 -1.05 0.00	35.80 -0.41 0.00	30.75 -0.48 0.00	30.17 -0.39 0.00	130.95 -2.28 0.00	63.79 -1.61 0.00	29.21 -0.75 0.00	30.42 -0.83 0.00	38.77 -1.02 0.00	36.34 -1.00 0.00	52.83 -1.71 1.40	36.78 -1.18 3.09	60.57 -1.75 0.84	34.07 -0.94 0.00	46.94 -1.28 0.00	68.78 -1.93 0.00	122.49 -2.54 0.00	78.54 -1.88 0.00	102.72 -2.03 0.00	32.63 -0.91 0.00	45.40 -1.10 0.00	132.55 -1.57 0.00	105.11 -0.47 0.00
SITHE_IND_GS1 24169	109.20 -4.56 -0.14	107.59 -4.54 -0.70	40.81 -1.44 -6.03	34.83 -1.14 -4.73	33.80 -1.17 -4.41	127.98 -5.44 -0.19	65.55 -2.62 -2.77	36.20 -1.14 -7.38	37.16 -1.15 -7.06	44.25 -1.63 -6.08	39.58 -1.50 -3.75	56.50 -2.30 -2.87	41.47 -1.72 -2.14	62.88 -2.68 -2.42	37.23 -1.45 -3.67	48.74 -1.90 -2.41	69.25 -2.72 -1.27	120.34 -4.74 -0.06	79.32 -3.02 -1.92	100.92 -4.07 -0.23	38.92 -1.23 -6.60	48.15 -1.83 -3.48	128.63 -5.53 -0.05	101.18 -4.40 0.00
SITHE_IND_GS2 24170	109.20 -4.56 -0.14	107.59 -4.54 -0.70	40.81 -1.44 -6.03	34.83 -1.14 -4.73	33.80 -1.17 -4.41	127.98 -5.44 -0.19	65.55 -2.62 -2.77	36.20 -1.14 -7.38	37.16 -1.15 -7.06	44.25 -1.63 -6.08	39.58 -1.50 -3.75	56.50 -2.30 -2.87	41.47 -1.72 -2.14	62.88 -2.68 -2.42	37.23 -1.45 -3.67	48.74 -1.90 -2.41	69.25 -2.72 -1.27	120.34 -4.74 -0.06	79.32 -3.02 -1.92	100.92 -4.07 -0.23	38.92 -1.23 -6.60	48.15 -1.83 -3.48	128.63 -5.53 -0.05	101.18 -4.40 0.00
SITHE_IND_GS3 24171	109.20 -4.56 -0.14	107.59 -4.54 -0.70	40.81 -1.44 -6.03	34.83 -1.14 -4.73	33.80 -1.17 -4.41	127.98 -5.44 -0.19	65.55 -2.62 -2.77	36.20 -1.14 -7.38	37.16 -1.15 -7.06	44.25 -1.63 -6.08	39.58 -1.50 -3.75	56.50 -2.30 -2.87	41.47 -1.72 -2.14	62.88 -2.68 -2.42	37.23 -1.45 -3.67	48.74 -1.90 -2.41	69.25 -2.72 -1.27	120.34 -4.74 -0.06	79.32 -3.02 -1.92	100.92 -4.07 -0.23	38.92 -1.23 -6.60	48.15 -1.83 -3.48	128.63 -5.53 -0.05	101.18 -4.40 0.00
SITHE_IND_GS4 24172	109.20 -4.56 -0.14	107.59 -4.54 -0.70	40.81 -1.44 -6.03	34.83 -1.14 -4.73	33.80 -1.17 -4.41	127.98 -5.44 -0.19	65.55 -2.62 -2.77	36.20 -1.14 -7.38	37.16 -1.15 -7.06	44.25 -1.63 -6.08	39.58 -1.50 -3.75	56.50 -2.30 -2.87	41.47 -1.72 -2.14	62.88 -2.68 -2.42	37.23 -1.45 -3.67	48.74 -1.90 -2.41	69.25 -2.72 -1.27	120.34 -4.74 -0.06	79.32 -3.02 -1.92	100.92 -4.07 -0.23	38.92 -1.23 -6.60	48.15 -1.83 -3.48	128.63 -5.53 -0.05	101.18 -4.40 0.00

SITHE___BATAVIA 24024	99.85 -5.63 8.14	103.79 -5.79 1.86	47.37 -1.98 -13.14	37.44 -1.69 -7.90	38.09 -1.72 -9.26	110.86 -7.43 14.92	58.43 -3.31 3.65	35.32 -1.81 -7.18	39.22 -1.85 -9.82	42.54 -2.66 -5.40	38.48 -2.38 -3.53	52.18 -3.75 0.00	32.90 -3.31 4.85	52.88 -5.09 5.18	31.28 -2.94 0.79	42.84 -3.48 1.91	59.75 -4.59 6.37	108.79 -7.10 9.13	73.46 -4.48 2.48	61.89 -6.45 36.41	31.46 -2.02 0.06	41.34 -3.03 2.12	95.55 -9.24 29.31	85.39 -6.69 13.50
SITHE___INDEPEND 23800	109.20 -4.56 -0.14	107.60 -4.53 -0.70	40.80 -1.44 -6.03	34.82 -1.14 -4.73	33.79 -1.18 -4.41	127.98 -5.44 -0.19	65.55 -2.61 -2.77	36.19 -1.15 -7.38	37.16 -1.15 -7.06	44.25 -1.62 -6.08	39.58 -1.50 -3.75	56.50 -2.31 -2.87	41.46 -1.73 -2.14	62.88 -2.68 -2.42	37.23 -1.45 -3.67	48.74 -1.90 -2.41	69.25 -2.73 -1.27	120.34 -4.74 -0.06	79.32 -3.02 -1.92	100.92 -4.07 -0.23	38.92 -1.23 -6.60	48.15 -1.82 -3.48	128.65 -5.52 -0.05	101.17 -4.41 0.00
SITHE___MASSENA 23902	112.86 -0.76 0.00	110.77 -0.66 0.00	35.96 -0.25 0.00	30.91 -0.32 0.00	30.31 -0.25 0.00	132.13 -1.09 0.00	64.65 -0.75 0.00	29.61 -0.35 0.00	30.82 -0.43 0.00	39.36 -0.43 0.00	36.79 -0.54 0.00	53.32 -0.92 1.70	36.73 -0.58 3.74	61.26 -0.88 1.01	34.57 -0.44 0.00	47.55 -0.68 0.00	69.33 -1.38 0.00	123.71 -1.31 0.00	79.41 -1.01 0.00	103.65 -1.10 0.00	33.00 -0.54 0.00	45.84 -0.66 0.00	132.99 -1.13 0.00	105.14 -0.44 0.00
SITHE___OGDNSBRG 24021	114.61 1.00 0.00	112.47 1.03 0.00	36.50 0.28 0.00	31.35 0.12 0.00	30.76 0.20 0.00	133.81 0.58 0.00	65.39 -0.01 0.00	29.96 0.00 0.00	31.19 -0.07 0.00	39.55 -0.24 0.00	36.83 -0.50 0.00	53.33 -1.09 1.52	36.95 -0.76 3.34	61.10 -1.14 0.90	34.43 -0.58 0.00	47.46 -0.76 0.00	69.88 -0.83 0.00	125.54 0.51 0.00	80.57 0.15 0.00	105.21 0.46 0.00	33.43 -0.12 0.00	46.40 -0.10 0.00	134.96 0.85 0.00	106.85 1.27 0.00
SITHE___STERLING 23777	116.03 2.28 -0.13	114.36 2.29 -0.64	42.55 0.81 -5.54	36.28 0.71 -4.34	35.31 0.70 -4.05	136.45 3.05 -0.18	69.53 1.59 -2.54	37.51 0.78 -6.77	38.56 0.83 -6.48	46.23 0.85 -5.58	41.56 0.78 -3.44	59.78 1.21 -2.63	43.92 0.90 -1.96	66.45 1.09 -2.22	39.00 0.62 -3.37	51.42 0.98 -2.21	73.86 1.99 -1.17	129.02 3.94 -0.05	84.81 2.62 -1.76	108.39 3.43 -0.21	40.69 1.08 -6.06	51.01 1.32 -3.19	137.54 3.39 -0.04	107.96 2.38 0.00
SLEIGHT__34_KV_TB1 80719	106.55 -3.96 3.11	107.89 -4.05 -0.51	46.25 -1.32 -11.35	38.09 -1.09 -7.95	37.68 -1.12 -8.24	122.56 -5.06 5.60	66.01 -2.34 -2.95	42.67 -1.11 -13.82	43.61 -1.12 -13.48	48.87 -1.67 -10.75	43.00 -1.50 -7.16	59.12 -2.16 -5.34	40.62 -1.81 -1.38	64.29 -1.52 -3.95	40.41 -1.79 -6.93	51.02 -1.79 -4.59	70.59 -2.54 -2.42	120.99 -4.14 -0.11	81.48 -2.60 -3.66	89.63 -3.77 11.36	43.19 -1.14 -10.78	51.17 -1.76 -6.44	122.00 -5.57 6.54	99.17 -4.36 2.05
SOUTH CAIRO___GT 23612	125.71 9.37 -2.72	133.55 8.97 -13.15	152.21 2.79 -113.21	122.49 2.49 -88.77	115.82 2.44 -82.82	147.56 10.68 -3.65	122.56 5.22 -51.95	170.72 2.30 -138.46	166.14 2.43 -132.46	156.79 2.81 -114.19	110.07 2.38 -70.36	113.12 3.39 -53.79	83.50 2.28 -40.17	112.17 3.69 -45.33	106.25 2.28 -68.96	97.06 3.57 -45.27	127.21 5.48 -51.02	179.25 10.91 -43.32	178.58 7.02 -91.13	150.16 8.70 -36.70	162.85 2.73 -126.58	124.17 3.71 -73.97	152.65 10.94 -7.60	115.31 8.91 -0.82
SOUTH HAMPTN___IC 23720	127.56 11.61 -2.33	133.56 10.84 -11.29	136.73 3.38 -97.15	110.31 2.90 -76.18	104.44 2.81 -71.07	148.33 11.98 -3.13	115.63 5.66 -44.58	151.35 2.58 -118.81	147.81 2.89 -113.66	141.56 3.78 -97.99	126.08 4.12 -84.63	155.61 6.14 -93.53	98.71 4.11 -53.56	108.34 6.29 -38.90	97.54 3.37 -59.17	144.80 4.87 -91.71	177.11 7.37 -99.04	158.08 11.89 -21.17	153.53 8.50 -64.61	298.93 11.36 -182.82	157.61 3.63 -120.44	155.64 5.27 -103.88	155.02 14.59 -6.32	139.34 11.08 -22.68
SOUTHDOW_115KV_TB1 355954	92.16 -8.48 12.98	99.90 -8.70 2.84	49.89 -2.93 -16.60	37.87 -2.59 -9.23	39.62 -2.60 -11.66	98.76 -10.91 23.56	54.60 -4.85 5.95	37.36 -2.63 -10.02	41.88 -2.63 -13.26	43.24 -3.52 -6.96	39.25 -3.19 -5.11	52.09 -4.50 -0.65	29.56 -3.59 7.90	51.70 -5.45 6.00	31.97 -3.07 -0.03	43.19 -3.50 1.53	59.42 -4.60 6.68	107.22 -7.69 10.11	73.22 -4.81 2.39	42.68 -7.46 54.61	30.74 -2.58 0.23	41.06 -3.82 1.61	81.81 -11.39 40.92	79.19 -8.66 17.72
SOUTHOLD_69_KV_BK 2 55809	127.15 11.20 -2.33	133.07 10.35 -11.29	136.57 3.22 -97.15	110.16 2.76 -76.18	104.29 2.66 -71.07	147.75 11.40 -3.13	115.41 5.44 -44.58	151.25 2.49 -118.81	147.74 2.82 -113.66	141.48 3.70 -97.99	125.94 3.98 -84.63	155.35 5.88 -93.53	98.51 3.91 -53.56	108.10 6.06 -38.90	97.38 3.20 -59.17	144.58 4.65 -91.71	176.91 7.16 -99.04	157.72 11.53 -21.17	153.30 8.26 -64.61	298.97 11.41 -182.82	157.59 3.61 -120.44	155.85 5.48 -103.88	155.74 15.31 -6.32	140.05 11.79 -22.68
SOUTHOLD___IC 23719	127.16 11.20 -2.33	133.07 10.35 -11.29	136.57 3.22 -97.15	110.16 2.75 -76.18	104.29 2.66 -71.07	147.74 11.38 -3.13	115.41 5.43 -44.58	151.25 2.49 -118.81	147.74 2.82 -113.66	141.48 3.70 -97.99	125.95 3.98 -84.63	155.35 5.88 -93.53	98.51 3.90 -53.56	108.11 6.07 -38.90	97.38 3.20 -59.17	144.58 4.65 -91.71	176.91 7.16 -99.04	157.71 11.52 -21.17	153.30 8.26 -64.61	298.98 11.42 -182.82	157.59 3.61 -120.44	155.85 5.48 -103.88	155.75 15.31 -6.32	140.04 11.78 -22.68
SOUTH_FORK_WT_PWR 323839	125.56 9.61 -2.33	131.50 8.78 -11.29	136.06 2.71 -97.15	109.73 2.32 -76.18	103.86 2.23 -71.07	145.88 9.53 -3.13	114.49 4.52 -44.58	150.83 2.06 -118.81	147.29 2.37 -113.66	140.92 3.14 -97.99	125.42 3.45 -84.63	154.54 5.08 -93.53	97.93 3.32 -53.56	107.20 5.16 -38.90	96.88 2.70 -59.17	143.88 3.95 -91.71	175.90 6.15 -99.04	155.84 9.65 -21.17	152.09 7.05 -64.61	297.68 10.11 -182.82	157.17 3.20 -120.44	155.48 5.11 -103.88	154.82 14.39 -6.32	139.42 11.16 -22.68
SPIERFLS_115KV_TB 1 80737	127.62 11.05 -2.95	136.17 10.46 -14.28	162.48 3.41 -122.86	130.49 2.91 -96.34	123.30 2.85 -89.89	149.69 12.51 -3.96	127.98 6.21 -56.38	183.12 2.90 -150.26	178.05 3.04 -143.76	167.24 3.52 -123.93	116.81 3.12 -76.36	118.99 4.67 -58.38	88.16 3.51 -43.60	117.69 5.35 -49.20	112.80 2.96 -74.84	102.04 4.69 -49.13	162.83 7.21 -84.92	234.53 12.97 -96.54	249.59 8.47 -160.70	190.51 10.78 -74.98	177.22 3.43 -140.25	140.84 4.60 -89.75	162.33 12.69 -15.53	117.27 9.91 -1.79
ST LAWRENCE____ 23600	111.73 -1.89 0.00	109.68 -1.75 0.00	35.62 -0.60 0.00	30.61 -0.62 0.00	30.02 -0.53 0.00	130.96 -2.26 0.00	64.15 -1.25 0.00	29.38 -0.58 0.00	30.58 -0.67 0.00	39.08 -0.70 0.00	36.55 -0.78 0.00	52.90 -1.26 1.78	36.32 -0.82 3.91	60.85 -1.24 1.06	34.36 -0.64 0.00	47.26 -0.96 0.00	69.35 -1.35 0.00	122.76 -2.26 0.00	78.76 -1.66 0.00	102.74 -2.01 0.00	32.75 -0.80 0.00	45.47 -1.03 0.00	131.82 -2.29 0.00	104.12 -1.46 0.00
STATE_CA_115KV_115_LB 55624	121.36 4.87 -2.88	129.94 4.59 -13.92	157.47 1.43 -119.82	126.52 1.33 -93.96	119.52 1.30 -87.66	142.42 5.33 -3.87	123.11 2.73 -54.98	177.68 1.18 -146.54	172.68 1.23 -140.20	162.21 1.56 -120.86	113.38 1.57 -74.47	115.20 2.33 -56.93	85.38 1.81 -42.52	113.77 2.65 -47.98	109.50 1.51 -72.98	98.39 2.26 -47.91	141.21 3.08 -67.42	198.68 5.31 -68.35	208.38 3.43 -124.53	163.90 4.33 -54.81	170.23 1.40 -135.28	131.13 2.04 -82.59	151.60 6.13 -11.35	111.78 4.92 -1.28

STATE_ST_34_KV_LOAD 55959	116.73 -1.23 -4.34	112.80 -1.05 -2.43	48.33 -0.40 -12.52	41.97 -0.22 -10.95	39.51 -0.29 -9.24	139.55 -1.22 -7.55	73.17 -0.68 -8.45	45.18 -0.16 -15.39	45.53 -0.13 -14.41	52.80 -0.46 -13.47	44.57 -0.42 -7.65	61.35 -0.60 -6.02	47.97 -0.70 -7.62	67.94 -0.94 -5.73	42.13 -0.49 -7.61	52.78 -0.38 -4.94	74.71 -0.39 -4.39	127.42 -0.16 -2.56	87.82 0.02 -7.38	121.24 -0.25 -16.74	49.38 -0.02 -15.85	54.25 -0.16 -7.92	141.59 -1.01 -8.48	107.04 -1.05 -2.51
STATION 5_MISC_HYD 23604	102.50 -5.05 6.07	106.08 -5.17 0.19	46.02 -1.69 -11.49	37.02 -1.44 -7.23	37.40 -1.45 -8.29	115.79 -6.59 10.84	63.37 -3.06 -1.03	42.32 -1.57 -13.94	43.48 -1.60 -13.82	47.78 -2.28 -10.27	42.70 -1.97 -7.34	58.34 -2.95 -5.36	37.71 -2.43 0.90	62.86 -3.76 -3.48	39.90 -2.13 -7.03	50.35 -2.57 -4.70	69.52 -3.67 -2.48	118.93 -6.21 -0.12	80.28 -3.95 -3.81	77.46 -5.58 21.72	41.31 -1.73 -9.49	50.36 -2.56 -6.43	113.95 -7.79 12.37	95.95 -5.77 3.86
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	104.08 -3.51 6.03	107.59 -3.67 0.17	46.59 -1.14 -11.51	37.54 -0.94 -7.25	37.91 -0.95 -8.30	117.98 -4.47 10.77	64.51 -1.95 -1.07	42.95 -0.96 -13.95	44.13 -0.96 -13.83	48.60 -1.48 -10.29	43.36 -1.33 -7.35	59.39 -1.91 -5.36	38.58 -1.61 0.87	64.09 -2.55 -3.49	40.63 -1.41 -7.03	51.32 -1.60 -4.70	71.00 -2.19 -2.48	121.57 -3.57 -0.11	81.99 -2.18 -3.75	79.90 -3.28 21.57	42.10 -0.97 -9.52	51.41 -1.52 -6.43	116.80 -5.03 12.29	97.79 -3.96 3.83
STA_56_34_KV_BUS2_REV_LBMP_B 345033	102.27 -5.42 5.93	105.75 -5.52 0.16	45.83 -1.79 -11.40	36.90 -1.53 -7.20	37.25 -1.53 -8.22	115.69 -6.93 10.60	63.26 -3.22 -1.08	42.15 -1.63 -13.82	43.30 -1.66 -13.71	47.65 -2.34 -10.20	42.53 -2.08 -7.28	58.17 -3.08 -5.31	37.74 -2.48 0.83	62.70 -3.91 -3.46	39.79 -2.18 -6.97	50.22 -2.66 -4.66	69.30 -3.87 -2.46	118.61 -6.53 -0.12	80.11 -4.09 -3.78	77.74 -5.77 21.24	41.21 -1.79 -9.45	50.22 -2.66 -6.37	113.96 -8.05 12.10	95.76 -6.04 3.77
STA_56___34_KV_BUS2 355983	102.27 -5.42 5.93	105.75 -5.52 0.16	45.83 -1.79 -11.40	36.90 -1.53 -7.20	37.25 -1.53 -8.22	115.69 -6.93 10.60	63.26 -3.22 -1.08	42.15 -1.63 -13.82	43.30 -1.66 -13.71	47.65 -2.34 -10.20	42.53 -2.08 -7.28	58.17 -3.08 -5.31	37.74 -2.48 0.83	62.70 -3.91 -3.46	39.79 -2.18 -6.97	50.22 -2.66 -4.66	69.30 -3.87 -2.46	118.61 -6.53 -0.12	80.11 -4.09 -3.78	77.74 -5.77 21.24	41.21 -1.79 -9.45	50.22 -2.66 -6.37	113.96 -8.05 12.10	95.76 -6.04 3.77
STA_67___115KV_BK2 355882	102.22 -5.34 6.06	105.82 -5.43 0.18	45.93 -1.77 -11.48	36.94 -1.51 -7.22	37.32 -1.52 -8.28	115.55 -6.86 10.82	63.25 -3.18 -1.04	42.24 -1.64 -13.92	43.39 -1.67 -13.81	47.68 -2.37 -10.26	42.56 -2.11 -7.34	58.17 -3.12 -5.35	37.62 -2.53 0.90	62.64 -3.98 -3.47	39.80 -2.23 -7.02	50.22 -2.69 -4.69	69.22 -3.97 -2.48	118.47 -6.67 -0.12	80.05 -4.18 -3.81	77.21 -5.87 21.67	41.21 -1.82 -9.48	50.23 -2.69 -6.42	113.67 -8.11 12.34	95.68 -6.05 3.85
STA_7___115KV_9TRANS 80674	103.10 -4.44 6.07	106.65 -4.60 0.19	46.20 -1.50 -11.49	37.17 -1.29 -7.23	37.55 -1.30 -8.29	116.51 -5.88 10.84	63.72 -2.71 -1.03	42.49 -1.41 -13.94	43.65 -1.42 -13.82	48.02 -2.04 -10.27	42.89 -1.79 -7.34	58.66 -2.64 -5.36	37.97 -2.18 0.90	63.21 -3.42 -3.48	40.12 -1.91 -7.03	50.67 -2.25 -4.70	69.92 -3.27 -2.48	119.78 -5.36 -0.12	80.89 -3.35 -3.81	78.19 -4.84 21.72	41.54 -1.49 -9.49	50.66 -2.26 -6.43	114.82 -6.93 12.37	96.58 -5.14 3.86
STA_82___115KV_TB1 80780	102.21 -5.28 6.13	105.84 -5.40 0.20	46.00 -1.76 -11.55	36.98 -1.50 -7.25	37.38 -1.51 -8.32	115.47 -6.81 10.95	63.24 -3.18 -1.02	42.33 -1.63 -14.00	43.48 -1.66 -13.89	47.75 -2.35 -10.31	42.62 -2.09 -7.38	58.22 -3.10 -5.38	37.60 -2.52 0.93	62.66 -3.97 -3.49	39.86 -2.21 -7.06	50.25 -2.69 -4.72	69.26 -3.95 -2.50	118.57 -6.57 -0.13	80.15 -4.13 -3.86	77.05 -5.84 21.86	41.26 -1.81 -9.52	50.28 -2.67 -6.46	113.56 -8.08 12.47	95.69 -5.99 3.90
STEEL___WIND 323596	93.17 -9.30 11.15	98.40 -9.36 3.67	48.55 -3.11 -15.45	37.36 -2.71 -8.83	38.54 -2.70 -10.69	100.64 -11.91 20.67	51.24 -5.50 8.67	28.28 -2.91 -1.23	34.94 -2.97 -6.66	36.77 -4.04 -1.02	33.93 -3.57 -0.17	45.58 -5.31 5.05	27.46 -4.30 9.30	42.78 -6.64 13.73	23.04 -3.78 8.18	35.31 -4.68 8.23	47.39 -6.64 16.68	92.79 -11.64 20.60	60.33 -7.40 12.70	37.56 -10.12 57.06	20.71 -3.25 9.58	30.95 -4.70 10.85	71.58 -13.77 48.76	71.76 -10.07 23.75
STEPHTWN_115KV_BK_2 55603	122.53 6.06 -2.85	130.98 5.78 -13.77	156.49 1.78 -118.50	125.77 1.62 -92.92	118.83 1.58 -86.70	143.64 6.59 -3.82	123.10 3.32 -54.38	176.35 1.46 -144.93	171.45 1.54 -138.65	161.26 1.93 -119.53	112.89 1.90 -73.65	115.07 2.83 -56.30	85.23 2.13 -42.05	113.75 3.15 -47.45	108.97 1.78 -72.18	98.24 2.63 -47.39	134.64 3.73 -60.21	188.40 6.63 -56.75	194.28 4.24 -109.62	156.61 5.35 -46.51	168.44 1.74 -133.16	128.61 2.50 -79.61	151.21 7.47 -9.63	112.46 5.81 -1.07
STEUBEN_REC_LFGE 323667	66.66 -10.41 36.55	101.21 -9.34 0.89	52.51 -2.92 -19.22	33.40 -2.60 -4.77	42.18 -2.59 -14.20	57.91 -12.31 63.01	62.00 -4.62 -1.23	88.01 -1.89 -59.94	79.76 -1.92 -50.43	74.34 -2.98 -37.53	68.35 -2.94 -33.96	86.09 -4.34 -34.49	26.92 -4.11 10.03	96.69 -5.63 -39.17	81.72 -2.70 -49.41	84.53 -3.05 -39.35	122.65 -3.47 -55.42	176.49 -4.65 -56.12	138.53 -2.83 -60.93	19.70 -4.29 80.76	80.34 -1.52 -48.32	97.85 -2.54 -53.89	111.74 -8.08 14.29	111.81 -7.18 -13.41
STILLWATER___SOLAR 323814	125.28 8.73 -2.93	133.98 8.35 -14.19	161.08 2.70 -122.16	129.35 2.32 -95.79	122.20 2.26 -89.37	147.06 9.90 -3.94	126.37 4.91 -56.06	181.63 2.27 -149.41	176.53 2.34 -142.94	165.77 2.76 -123.23	115.74 2.48 -75.93	117.76 3.78 -58.04	87.26 2.86 -43.35	116.43 4.36 -48.91	111.80 2.39 -74.41	100.77 3.70 -48.85	158.85 5.68 -82.47	227.85 10.14 -92.68	242.67 6.59 -155.66	185.36 8.40 -72.21	175.49 2.68 -139.26	138.72 3.62 -88.60	159.21 10.14 -14.95	115.19 7.89 -1.72
STONY___BROOK 24151	127.15 11.20 -2.33	133.26 10.54 -11.29	136.63 3.28 -97.15	110.24 2.84 -76.18	104.38 2.75 -71.07	147.97 11.61 -3.13	115.66 5.68 -44.58	151.38 2.61 -118.81	147.80 2.88 -113.66	141.57 3.79 -97.99	126.00 4.04 -84.63	155.53 6.07 -93.53	98.69 4.09 -53.56	108.26 6.22 -38.90	97.54 3.37 -59.17	144.75 4.82 -91.71	176.88 7.13 -99.04	158.15 11.96 -21.17	153.15 8.11 -64.61	298.23 10.66 -182.82	157.41 3.43 -120.44	155.16 4.79 -103.88	153.66 13.22 -6.32	138.34 10.08 -22.68
STURGEON_POOL_HYD 23609	124.04 8.03 -2.39	130.61 7.61 -11.57	138.16 2.40 -99.54	111.34 2.05 -78.05	105.38 2.00 -72.82	145.21 8.77 -3.21	115.50 4.42 -45.68	153.74 2.04 -121.74	149.92 2.20 -116.47	143.04 2.84 -100.41	101.94 2.74 -61.87	107.37 4.14 -47.30	79.20 2.83 -35.32	107.38 4.38 -39.86	98.01 2.37 -60.63	91.32 3.29 -39.80	112.59 4.83 -37.05	158.80 8.78 -24.99	150.00 5.79 -63.79	135.13 7.39 -22.98	146.50 2.42 -110.54	112.33 3.30 -62.54	147.98 9.11 -4.76	112.89 6.82 -0.49
ST_LAW_115_BK7_LBMP 345037	111.67 -1.94 0.00	109.65 -1.78 0.00	35.60 -0.61 0.00	30.60 -0.63 0.00	30.01 -0.55 0.00	130.89 -2.34 0.00	64.11 -1.29 0.00	29.36 -0.60 0.00	30.56 -0.69 0.00	39.05 -0.74 0.00	36.52 -0.81 0.00	52.87 -1.31 1.76	36.32 -0.85 3.88	60.80 -1.29 1.05	34.33 -0.67 0.00	47.21 -1.01 0.00	69.26 -1.45 0.00	122.64 -2.39 0.00	78.69 -1.74 0.00	102.67 -2.08 0.00	32.72 -0.83 0.00	45.43 -1.07 0.00	131.75 -2.36 0.00	104.08 -1.50 0.00

ST_LAW_115_BK8_LBMP 345038	111.67 -1.94 0.00	109.65 -1.78 0.00	35.60 -0.61 0.00	30.60 -0.63 0.00	30.01 -0.55 0.00	130.89 -2.34 0.00	64.11 -1.29 0.00	29.36 -0.60 0.00	30.56 -0.69 0.00	39.05 -0.74 0.00	36.52 -0.81 0.00	52.87 -1.31 1.76	36.32 -0.85 3.88	60.80 -1.29 1.05	34.33 -0.67 0.00	47.21 -1.01 0.00	69.26 -1.45 0.00	122.64 -2.39 0.00	78.69 -1.74 0.00	102.67 -2.08 0.00	32.72 -0.83 0.00	45.43 -1.07 0.00	131.75 -2.36 0.00	104.08 -1.50 0.00
ST_LAW_230_BK5_LBMP 345035	111.73 -1.89 0.00	109.68 -1.75 0.00	35.62 -0.60 0.00	30.61 -0.62 0.00	30.02 -0.53 0.00	130.96 -2.26 0.00	64.15 -1.25 0.00	29.38 -0.58 0.00	30.58 -0.67 0.00	39.08 -0.70 0.00	36.55 -0.78 0.00	52.88 -1.26 1.80	36.27 -0.82 3.96	60.84 -1.24 1.07	34.36 -0.64 0.00	47.26 -0.96 0.00	69.35 -1.35 0.00	122.76 -2.26 0.00	78.76 -1.66 0.00	102.74 -2.01 0.00	32.75 -0.80 0.00	45.47 -1.03 0.00	131.82 -2.29 0.00	104.12 -1.46 0.00
ST_LAW_230_BK6_LBMP 345036	111.73 -1.89 0.00	109.68 -1.75 0.00	35.62 -0.60 0.00	30.61 -0.62 0.00	30.02 -0.53 0.00	130.96 -2.26 0.00	64.15 -1.25 0.00	29.38 -0.58 0.00	30.58 -0.67 0.00	39.08 -0.70 0.00	36.55 -0.78 0.00	52.88 -1.26 1.80	36.27 -0.82 3.96	60.84 -1.24 1.07	34.36 -0.64 0.00	47.26 -0.96 0.00	69.35 -1.35 0.00	122.76 -2.26 0.00	78.76 -1.66 0.00	102.74 -2.01 0.00	32.75 -0.80 0.00	45.47 -1.03 0.00	131.82 -2.29 0.00	104.12 -1.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	122.66 6.86 -2.18	128.44 6.46 -10.55	129.05 2.04 -90.79	104.18 1.76 -71.20	98.68 1.70 -66.42	143.46 7.31 -2.93	110.85 3.78 -41.66	142.74 1.74 -111.04	139.37 1.89 -106.23	133.80 2.42 -91.58	96.17 2.40 -56.43	102.70 3.62 -43.14	75.76 2.49 -32.22	103.22 3.72 -36.36	92.39 2.09 -55.30	87.42 2.89 -36.31	106.62 4.15 -31.76	151.97 7.56 -19.39	139.33 4.97 -53.93	129.62 6.33 -18.54	136.26 2.09 -100.63	105.76 2.88 -56.39	145.83 7.88 -3.84	111.82 5.86 -0.38
SWANROAD_115KV_TB1 355699	92.82 -11.22 9.57	97.43 -11.24 2.77	46.67 -3.83 -14.28	36.32 -3.29 -8.38	37.23 -3.29 -9.96	101.76 -13.79 17.67	52.65 -6.57 6.17	30.58 -3.43 -4.06	35.86 -3.52 -8.12	38.15 -4.76 -3.12	34.80 -4.30 -1.76	46.95 -3.75 2.63	28.90 -5.09 7.06	45.51 -8.05 9.59	25.83 -4.55 4.63	37.30 -5.73 5.19	50.43 -8.65 11.63	94.71 -15.33 14.97	63.23 -9.72 7.47	46.16 -13.02 45.57	24.64 -4.05 4.85	34.12 -5.79 6.59	78.58 -16.77 38.76	74.55 -12.31 18.72
SYNERGY___BIOGAS 323694	99.85 -5.63 8.14	103.79 -5.79 1.86	47.37 -1.98 -13.14	37.44 -1.69 -7.90	38.09 -1.72 -9.26	110.86 -7.43 14.92	58.43 -3.31 3.65	35.32 -1.81 -7.18	39.22 -1.85 -9.82	42.54 -2.66 -5.40	38.48 -2.38 -3.53	52.18 -3.75 0.00	32.90 -3.31 4.85	52.88 -5.09 5.18	31.28 -4.55 0.79	42.84 -3.48 1.91	59.75 -4.59 6.37	108.79 -7.10 9.13	73.46 -4.48 2.48	61.89 -6.45 36.41	31.46 -2.02 0.06	41.34 -3.03 2.12	95.55 -9.24 29.31	85.39 -6.69 13.50
SYRACUSE___ENERGY_ST1 323597	112.15 -1.70 -0.24	110.87 -1.71 -1.15	45.53 -0.54 -9.86	38.57 -0.39 -7.73	37.34 -0.43 -7.21	131.43 -2.12 -0.32	68.95 -0.97 -4.52	41.65 -0.37 -12.06	42.43 -0.35 -11.53	49.11 -0.63 -9.95	42.89 -0.57 -6.13	59.76 -0.86 -4.68	43.82 -0.73 -3.50	65.99 -1.10 -3.95	40.44 -0.57 -6.01	51.54 -0.62 -3.94	72.03 -0.75 -2.08	124.00 -1.12 -0.09	82.87 -0.68 -3.13	104.08 -1.05 -0.38	44.07 -0.27 -10.79	51.66 -0.52 -5.68	132.30 -1.90 -0.08	103.89 -1.70 0.00
SYRACUSE___ENERGY_ST2 323598	112.15 -1.70 -0.24	110.87 -1.71 -1.15	45.53 -0.54 -9.86	38.57 -0.39 -7.73	37.34 -0.43 -7.21	131.43 -2.12 -0.32	68.95 -0.97 -4.52	41.65 -0.37 -12.06	42.43 -0.35 -11.53	49.11 -0.63 -9.95	42.89 -0.57 -6.13	59.76 -0.86 -4.68	43.82 -0.73 -3.50	65.99 -1.10 -3.95	40.44 -0.57 -6.01	51.54 -0.62 -3.94	72.03 -0.75 -2.08	124.00 -1.12 -0.09	82.87 -0.68 -3.13	104.08 -1.05 -0.38	44.07 -0.27 -10.79	51.66 -0.52 -5.68	132.30 -1.90 -0.08	103.89 -1.70 0.00
SYRACUSE___POWER 24017	115.01 -1.61 -3.00	111.62 -1.69 -1.87	46.11 -0.52 -10.42	39.78 -0.39 -8.94	37.81 -0.43 -7.68	136.32 -2.10 -5.19	71.09 -0.93 -6.62	42.38 -0.37 -12.80	42.93 -0.36 -12.03	50.25 -0.62 -11.09	43.15 -0.57 -6.39	60.07 -0.86 -5.00	46.21 -0.70 -5.85	66.71 -1.10 -4.66	40.78 -0.57 -6.34	51.71 -0.63 -4.12	72.17 -0.70 -2.17	124.05 -1.07 -0.10	83.06 -0.63 -3.27	113.75 -1.00 -10.00	46.03 -0.27 -12.75	52.10 -0.49 -6.09	137.79 -1.80 -5.48	105.59 -1.67 -1.67
TALLMAN___138KV_BK151 55660	123.11 7.26 -2.24	129.08 6.82 -10.83	131.58 2.16 -93.21	106.17 1.85 -73.09	100.53 1.78 -68.19	143.89 7.66 -3.01	112.16 4.00 -42.77	145.79 1.83 -114.00	142.31 2.00 -109.06	136.40 2.59 -94.02	97.86 2.59 -57.93	104.12 3.90 -44.29	76.78 2.66 -33.07	104.44 3.97 -37.32	94.01 2.23 -56.78	88.57 3.07 -37.27	107.63 4.32 -32.60	152.76 7.83 -19.90	140.98 5.19 -55.37	130.42 6.63 -19.03	139.04 2.19 -103.31	107.43 3.04 -57.89	146.37 8.32 -3.94	112.16 6.18 -0.39
TEALLAVE_115KV_TB7 355573	111.47 -2.35 -0.21	110.03 -2.40 -1.00	44.03 -0.76 -8.58	37.37 -0.58 -6.72	36.21 -0.62 -6.27	130.58 -2.92 -0.28	67.98 -1.35 -3.94	39.88 -0.57 -10.49	40.74 -0.55 -10.03	47.57 -0.87 -8.65	41.87 -0.80 -5.33	58.81 -1.20 -4.07	43.14 -0.95 -3.04	65.09 -1.49 -3.43	39.44 -0.79 -5.22	50.69 -0.96 -3.43	71.30 -1.21 -1.80	123.09 -2.01 -0.08	81.89 -1.26 -2.72	103.29 -1.79 -0.33	42.43 -0.51 -9.39	50.59 -0.84 -4.94	131.37 -2.81 -0.07	103.21 -2.37 0.00
TELGRAPH_34_KV_EAST 80808	96.34 -8.52 8.75	100.59 -8.56 2.28	46.92 -2.90 -13.61	36.82 -2.51 -8.10	37.59 -2.51 -9.54	106.40 -10.71 16.11	55.57 -5.00 4.84	32.92 -2.66 -5.61	37.46 -2.72 -8.93	40.33 -3.73 -4.27	36.61 -3.37 -2.65	49.64 -5.02 1.28	31.07 -4.11 5.87	49.39 -6.47 7.29	28.69 -3.66 2.66	40.24 -4.49 3.50	55.14 -6.65 8.92	101.64 -11.44 11.94	68.46 -7.22 4.74	54.04 -9.87 40.83	28.06 -3.08 2.41	37.72 -4.47 4.30	87.19 -13.16 33.76	79.96 -9.69 15.93
TEMPLE___115KV_TB 2 55572	111.54 -2.29 -0.21	110.07 -2.37 -1.01	44.17 -0.74 -8.70	37.48 -0.56 -6.82	36.33 -0.59 -6.36	130.61 -2.89 -0.28	68.07 -1.32 -3.99	40.04 -0.55 -10.63	40.88 -0.54 -10.17	47.70 -0.86 -8.77	41.95 -0.79 -5.40	58.88 -1.19 -4.13	43.19 -0.94 -3.09	65.16 -1.47 -3.48	39.53 -0.77 -5.30	50.78 -0.92 -3.48	71.36 -1.18 -1.83	123.15 -1.96 -0.08	81.98 -1.21 -2.76	103.33 -1.75 -0.33	42.57 -0.50 -9.52	50.69 -0.81 -5.01	131.44 -2.75 -0.07	103.23 -2.35 0.00
TIANA____69_KV_BK 1 55817	127.74 11.79 -2.33	133.72 11.00 -11.29	136.79 3.43 -97.15	110.36 2.96 -76.18	104.49 2.85 -71.07	148.52 12.16 -3.13	115.72 5.75 -44.58	151.40 2.63 -118.81	147.85 2.93 -113.66	141.62 3.84 -97.99	126.12 4.16 -84.63	155.70 6.24 -93.53	98.78 4.17 -53.56	108.42 6.38 -38.90	97.61 3.43 -59.17	144.87 4.94 -91.71	177.22 7.48 -99.04	158.29 12.10 -21.17	153.63 8.59 -64.61	299.02 11.45 -182.82	157.64 3.66 -120.44	155.62 5.25 -103.88	154.92 14.49 -6.32	139.23 10.97 -22.68
TILDEN___115KV_TB1 80814	115.01 -1.61 -3.00	111.62 -1.69 -1.87	46.11 -0.52 -10.42	39.78 -0.39 -8.94	37.81 -0.43 -7.68	136.32 -2.10 -5.19	71.09 -0.93 -6.62	42.38 -0.37 -12.80	42.93 -0.36 -12.03	50.25 -0.62 -11.09	43.15 -0.57 -6.39	60.07 -0.86 -5.00	46.21 -0.70 -4.66	66.71 -1.10 -4.66	40.78 -0.57 -6.34	51.71 -0.63 -4.12	72.17 -0.70 -2.17	124.05 -1.07 -0.10	83.06 -0.63 -3.27	113.75 -1.00 -10.00	46.03 -0.27 -12.75	52.10 -0.49 -6.09	137.79 -1.80 -5.48	105.59 -1.67 -1.67

TRIGEN___CC 323695	125.68 9.74 -2.33	131.90 9.18 -11.29	136.22 2.87 -97.15	109.88 2.47 -76.18	104.02 2.40 -71.07	146.53 10.17 -3.13	115.13 5.16 -44.58	151.11 2.34 -118.81	147.49 2.57 -113.66	141.14 3.36 -97.99	125.43 3.47 -84.63	154.72 5.25 -93.53	98.18 3.57 -53.56	107.48 5.44 -38.90	97.18 3.00 -59.17	144.17 4.24 -91.71	175.80 6.05 -99.04	156.66 10.47 -21.17	151.94 6.91 -64.61	296.60 9.03 -182.82	156.91 2.93 -120.44	154.45 4.08 -103.88	151.68 11.24 -6.32	136.84 8.58 -22.68
TRINITY___115KV___4 BK 55933	120.97 4.51 -2.85	129.46 4.23 -13.80	156.29 1.31 -118.76	125.57 1.21 -93.12	118.63 1.19 -86.88	141.88 4.83 -3.83	122.38 2.48 -54.49	176.26 1.06 -145.24	171.32 1.11 -138.95	160.99 1.41 -119.79	112.58 1.43 -73.81	114.50 2.13 -56.43	84.84 1.65 -42.14	113.09 2.39 -47.55	108.72 1.37 -72.34	97.77 2.06 -47.49	134.78 2.76 -61.31	188.23 4.71 -58.49	195.35 3.04 -111.88	156.36 3.85 -47.76	168.35 1.26 -133.54	128.44 1.86 -80.09	149.62 5.61 -9.89	111.22 4.54 -1.10
UNION___PROCESSING_DRP 323587	102.24 -5.25 6.12	105.87 -5.37 0.19	46.03 -1.74 -11.56	37.00 -1.50 -7.26	37.39 -1.50 -8.33	115.51 -6.77 10.94	63.26 -3.16 -1.02	42.35 -1.62 -14.01	43.51 -1.64 -13.90	47.77 -2.34 -10.32	42.64 -2.08 -7.38	58.24 -3.08 -5.38	37.62 -2.51 0.93	62.68 -3.96 -3.49	39.87 -2.21 -7.06	50.27 -2.68 -4.73	69.29 -3.92 -2.50	118.60 -6.55 -0.13	80.17 -4.12 -3.87	77.12 -5.79 21.84	41.29 -1.79 -9.54	50.30 -2.66 -6.46	113.64 -8.02 12.45	95.71 -5.98 3.89
UPPER HUDSON___HYD 24058	127.62 11.05 -2.95	136.17 10.46 -14.28	162.48 3.41 -122.86	130.49 2.91 -96.34	123.30 2.85 -89.89	149.68 12.49 -3.96	127.98 6.21 -56.38	183.12 2.90 -150.26	178.05 3.04 -143.76	167.24 3.52 -123.93	116.82 3.12 -76.36	118.99 4.67 -58.38	88.15 3.50 -43.60	117.69 5.35 -49.20	112.80 2.96 -74.84	102.05 4.69 -49.13	162.84 7.21 -84.92	234.54 12.98 -96.54	249.59 8.47 -160.70	190.51 10.78 -74.98	177.22 3.43 -140.25	140.84 4.59 -89.75	162.33 12.69 -15.53	117.27 9.91 -1.79
UPPER RAQUET___HYD 24056	112.59 -1.03 0.00	110.37 -1.06 0.00	35.80 -0.41 0.00	30.75 -0.48 0.00	30.17 -0.39 0.00	130.98 -2.24 0.00	63.80 -1.60 0.00	29.21 -0.75 0.00	30.42 -0.83 0.00	38.78 -1.01 0.00	36.32 -1.01 0.00	52.83 -1.70 1.40	36.79 -1.17 3.09	60.56 -1.75 0.84	34.07 -0.94 0.00	46.94 -1.28 0.00	68.77 -1.93 0.00	122.49 -2.53 0.00	78.55 -1.87 0.00	102.72 -2.03 0.00	32.64 -0.91 0.00	45.40 -1.10 0.00	132.56 -1.55 0.00	105.12 -0.47 0.00
VALLEY44_115KV_TB2 355964	93.16 -6.91 13.55	102.10 -6.89 2.44	51.14 -2.40 -17.32	38.79 -2.08 -9.64	40.67 -2.14 -12.25	100.33 -8.46 24.44	56.61 -4.13 4.66	41.33 -2.46 -13.83	44.94 -2.49 -16.17	46.10 -3.30 -9.62	41.57 -2.99 -7.22	55.01 -3.97 -3.04	30.79 -3.11 7.14	55.79 -4.55 2.80	35.76 -2.69 -3.44	46.28 -3.16 -1.22	63.85 -4.24 2.62	111.64 -7.49 5.89	77.40 -4.89 -1.87	44.69 -7.04 53.02	35.02 -2.38 -3.85	45.49 -3.23 -2.23	87.77 -8.85 37.50	83.50 -6.83 15.24
VALLEY___115KV_TB 1-4 80826	117.32 3.71 0.00	114.88 3.45 0.00	37.36 1.14 0.00	32.16 0.93 0.00	31.42 0.86 0.00	136.49 3.27 0.00	67.18 1.79 0.00	30.73 0.78 0.00	31.89 0.64 0.00	40.43 0.64 0.00	37.73 0.40 0.00	56.69 0.65 -0.10	41.85 0.58 -0.22	64.30 1.09 -0.06	35.51 0.50 0.00	49.37 1.15 0.00	72.54 1.83 0.00	128.82 3.79 0.00	83.22 2.80 0.00	108.10 3.35 0.00	34.62 1.08 0.00	47.94 1.44 0.00	138.26 4.15 0.00	108.40 2.82 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	122.37 7.75 -1.01	123.99 7.68 -4.88	80.71 2.49 -42.01	66.32 2.15 -32.94	63.37 2.07 -30.74	143.71 9.13 -1.36	89.22 4.54 -19.28	83.52 2.17 -51.38	82.74 2.33 -49.16	85.10 2.93 -42.38	66.19 2.75 -26.11	80.07 4.17 -19.96	58.79 2.84 -14.91	84.26 4.29 -16.82	62.97 2.38 -25.59	68.39 3.37 -16.80	96.44 5.15 -20.59	152.55 9.09 -18.43	123.31 5.82 -37.07	127.66 7.32 -15.59	83.05 2.37 -47.14	77.65 3.17 -27.98	146.01 8.67 -3.23	112.39 6.46 -0.36
VISCHER___FERRY HYD 24020	123.38 6.87 -2.89	131.96 6.55 -13.97	158.58 2.10 -120.27	127.38 1.84 -94.31	120.32 1.77 -87.99	144.80 7.69 -3.88	124.43 3.85 -55.19	178.78 1.74 -147.09	173.78 1.81 -140.72	163.35 2.25 -121.31	114.17 2.09 -74.75	116.24 3.15 -57.14	86.07 2.35 -42.67	114.87 3.57 -48.16	110.25 1.99 -73.26	99.24 2.93 -48.09	149.96 4.36 -74.89	213.31 7.61 -80.67	225.46 4.97 -140.07	174.71 6.36 -63.60	172.07 2.04 -136.48	134.52 2.81 -85.21	155.25 7.96 -13.17	113.31 6.23 -1.50
V_A_10_SYNC_DSASP 323832	97.02 -8.87 7.73	100.76 -8.92 1.75	46.20 -2.89 -12.87	36.55 -2.49 -7.81	37.15 -2.48 -9.07	107.86 -11.17 14.19	56.68 -5.32 3.40	34.28 -2.76 -7.08	38.05 -2.83 -9.63	41.30 -3.87 -5.37	37.40 -3.41 -3.47	50.91 -5.06 -0.03	32.44 -4.07 4.54	51.79 -6.37 4.99	30.66 -3.61 0.73	41.85 -4.53 1.84	57.76 -6.70 6.25	104.10 -11.94 8.99	69.63 -7.63 3.16	58.89 -10.35 35.51	30.34 -3.23 -0.03	39.83 -4.60 2.06	92.20 -13.49 28.42	82.68 -9.86 13.04
V_CMM_10_SYNC_DSASP 323787	112.27 -1.34 0.00	110.21 -1.22 0.00	35.77 -0.44 0.00	30.75 -0.48 0.00	30.15 -0.41 0.00	131.55 -1.67 0.00	64.43 -0.97 0.00	29.50 -0.45 0.00	30.71 -0.54 0.00	39.25 -0.54 0.00	36.69 -0.64 1.76	53.14 -1.04 3.88	36.52 -0.66 1.05	61.11 -0.99 0.00	34.50 -0.51 0.00	47.45 -0.77 0.00	69.70 -1.01 0.00	123.30 -1.73 0.00	79.10 -1.32 0.00	103.20 -1.55 0.00	32.88 -0.66 0.00	45.66 -0.84 0.00	132.39 -1.72 0.00	104.56 -1.02 0.00
V_CMP_10_SYNC_DSASP 323788	113.16 -0.45 0.00	111.12 -0.31 0.00	35.91 -0.30 0.00	30.76 -0.47 0.00	30.09 -0.47 0.00	130.48 -2.74 0.00	63.81 -1.59 0.00	29.23 -0.73 0.00	30.39 -0.86 0.00	38.70 -1.09 0.00	8.70 -1.27 27.37	27.01 -2.03 26.90	-17.30 -1.38 56.98	-24.28 -2.14 85.28	34.14 -0.87 0.00	47.36 -0.86 0.00	70.94 0.23 0.00	125.12 0.09 0.00	79.66 -0.76 0.00	103.21 -1.54 0.00	32.74 -0.81 0.00	45.50 -0.99 0.00	133.60 -0.51 0.00	105.65 0.07 0.00
V_D_10_SYNC_DSASP 323841	112.86 -0.76 0.00	110.77 -0.66 0.00	35.96 -0.25 0.00	30.91 -0.32 0.00	30.31 -0.25 0.00	132.13 -1.09 0.00	64.65 -0.75 0.00	29.61 -0.35 0.00	30.83 -0.42 0.00	39.36 -0.43 0.00	36.80 -0.54 0.00	53.32 -0.92 1.70	36.73 -0.57 3.75	61.27 -0.86 1.01	34.57 -0.43 0.00	47.56 -0.67 0.00	69.33 -1.38 0.00	123.74 -1.29 0.00	79.41 -1.01 0.00	103.66 -1.09 0.00	33.01 -0.54 0.00	45.84 -0.66 0.00	132.99 -1.13 0.00	105.14 -0.44 0.00
V_E_10_SYNC_DSASP 323830	137.50 5.86 -18.02	124.62 5.00 -8.18	68.50 1.39 -30.89	61.41 1.09 -29.08	54.78 1.23 -22.99	171.68 6.80 -31.65	95.55 3.09 -27.06	72.29 1.34 -40.99	69.53 1.15 -37.13	77.64 1.06 -36.78	58.40 0.79 -20.28	73.90 0.98 -16.98	67.39 0.87 -25.47	82.67 1.13 -18.39	57.73 1.06 -21.66	64.96 2.25 -14.48	92.55 5.59 -16.25	149.18 10.51 -13.65	113.54 7.39 -25.72	186.94 9.88 -72.31	83.33 3.44 -46.35	74.61 4.43 -23.67	186.00 11.73 -40.15	127.05 7.99 -13.47
V_F_30_NSYNC___DSASP 323816	125.31 8.75 -2.94	134.05 8.39 -14.23	161.39 2.72 -122.46	129.59 2.34 -96.03	122.42 2.27 -89.59	147.09 9.92 -3.95	126.51 4.91 -56.19	182.00 2.27 -149.77	176.89 2.35 -143.28	166.11 2.80 -123.53	115.97 2.52 -76.11	117.97 3.85 -58.18	87.39 2.89 -43.45	116.60 4.42 -49.04	112.02 2.42 -74.59	100.92 3.73 -48.97	159.92 5.70 -83.51	229.57 10.22 -94.32	244.86 6.63 -157.80	186.57 8.44 -73.38	175.92 2.69 -139.68	139.22 3.63 -89.09	159.49 10.18 -15.20	115.22 7.89 -1.75

V_F_30_SYNC_DSASP 323786	121.36 4.87 -2.88	129.93 4.59 -13.91	157.38 1.43 -119.73	126.45 1.33 -93.89	119.46 1.30 -87.60	142.40 5.31 -3.86	123.06 2.72 -54.94	177.57 1.18 -146.44	172.57 1.23 -140.10	162.12 1.56 -120.78	113.32 1.57 -74.42	115.15 2.32 -56.89	85.35 1.81 -42.48	113.73 2.64 -47.94	109.44 1.51 -72.93	98.36 2.26 -47.88	140.71 3.08 -66.93	197.87 5.30 -67.55	207.35 3.43 -123.50	163.32 4.33 -54.24	170.08 1.40 -135.14	130.92 2.04 -82.39	151.48 6.13 -11.23	111.77 4.92 -1.26
V_XM_10_SYNC_DSASP 323789	113.16 -0.45 0.00	111.12 -0.31 0.00	35.91 -0.30 0.00	30.76 -0.47 0.00	30.09 -0.47 0.00	130.48 -2.74 0.00	63.81 -1.59 0.00	29.23 -0.73 0.00	30.39 -0.86 0.00	38.70 -1.09 0.00	8.70 -1.27 27.37	27.01 -2.03 26.90	-17.30 -1.38 56.98	-24.28 -2.14 85.28	34.14 -0.87 0.00	47.36 -0.86 0.00	70.94 0.23 0.00	125.12 0.09 0.00	79.66 -0.76 0.00	103.21 -1.54 0.00	32.74 -0.81 0.00	45.50 -0.99 0.00	133.60 -0.51 0.00	105.65 0.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	123.52 7.65 -2.25	129.54 7.21 -10.89	132.23 2.27 -93.75	106.69 1.95 -73.51	101.03 1.88 -68.58	144.38 8.13 -3.02	112.63 4.21 -43.02	146.55 1.94 -114.66	143.04 2.10 -109.69	137.08 2.72 -94.57	98.31 2.71 -58.27	104.55 4.07 -44.54	77.11 2.79 -33.27	104.87 4.19 -37.54	94.46 2.35 -57.10	88.93 3.22 -37.49	108.09 4.59 -32.79	153.38 8.33 -20.02	141.61 5.50 -55.69	130.94 7.04 -19.15	139.77 2.32 -103.90	107.93 3.21 -58.22	146.88 8.80 -3.96	112.54 6.56 -0.39
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	125.00 9.05 -2.33	131.13 8.41 -11.29	135.99 2.61 -97.16	109.66 2.24 -76.19	103.82 2.17 -71.08	145.73 9.37 -3.13	114.82 4.83 -44.59	151.02 2.23 -118.83	147.37 2.43 -113.68	140.98 3.18 -98.01	100.91 3.18 -60.39	106.93 4.82 -46.17	78.87 3.34 -34.48	107.09 5.04 -38.91	96.98 2.79 -59.18	90.92 3.85 -38.85	110.06 5.35 -34.00	155.10 9.31 -20.77	144.31 6.14 -57.74	132.46 7.85 -19.86	143.81 2.58 -107.69	110.42 3.58 -60.35	148.15 9.92 -4.11	113.49 7.50 -0.41
W50THST__13_KV_LOAD 356117	125.46 9.51 -2.33	131.58 8.86 -11.29	136.13 2.75 -97.16	109.78 2.36 -76.19	103.94 2.29 -71.08	146.22 9.86 -3.13	115.08 5.09 -44.59	151.15 2.36 -118.83	147.51 2.57 -113.68	141.17 3.37 -98.01	101.09 3.37 -60.39	107.22 5.12 -46.17	79.06 3.53 -34.48	107.41 5.35 -38.91	97.14 2.95 -59.18	91.15 4.07 -38.85	110.40 5.69 -34.00	155.63 9.83 -20.77	144.62 6.45 -57.74	132.87 8.26 -19.86	143.94 2.71 -107.69	110.60 3.76 -60.35	148.62 10.40 -4.11	113.82 7.83 -0.41
WADING RIVER_IC_1 23522	127.50 11.55 -2.33	133.52 10.80 -11.29	136.72 3.36 -97.15	110.31 2.90 -76.18	104.44 2.81 -71.07	148.27 11.91 -3.13	115.46 5.48 -44.58	151.27 2.51 -118.81	147.72 2.80 -113.66	141.46 3.69 -97.99	126.07 4.11 -84.63	155.62 6.15 -93.53	98.72 4.11 -53.56	108.34 6.30 -38.90	97.56 3.38 -59.17	144.81 4.88 -91.71	177.08 7.33 -99.04	157.84 11.64 -21.17	153.49 8.46 -64.61	298.75 11.18 -182.82	157.55 3.57 -120.44	155.45 5.08 -103.88	154.42 13.99 -6.32	138.68 10.41 -22.68
WADING RIVER_IC_2 23547	127.50 11.55 -2.33	133.52 10.80 -11.29	136.72 3.36 -97.15	110.31 2.90 -76.18	104.44 2.81 -71.07	148.27 11.91 -3.13	115.46 5.48 -44.58	151.27 2.51 -118.81	147.72 2.80 -113.66	141.46 3.69 -97.99	126.07 4.11 -84.63	155.62 6.15 -93.53	98.72 4.11 -53.56	108.34 6.30 -38.90	97.56 3.38 -59.17	144.81 4.88 -91.71	177.08 7.33 -99.04	157.84 11.64 -21.17	153.49 8.46 -64.61	298.75 11.18 -182.82	157.55 3.57 -120.44	155.45 5.08 -103.88	154.42 13.99 -6.32	138.68 10.41 -22.68
WADING RIVER_IC_3 23601	127.50 11.55 -2.33	133.52 10.80 -11.29	136.72 3.36 -97.15	110.31 2.90 -76.18	104.44 2.81 -71.07	148.27 11.91 -3.13	115.46 5.48 -44.58	151.27 2.51 -118.81	147.72 2.80 -113.66	141.46 3.69 -97.99	126.07 4.11 -84.63	155.62 6.15 -93.53	98.72 4.11 -53.56	108.34 6.30 -38.90	97.56 3.38 -59.17	144.81 4.88 -91.71	177.08 7.33 -99.04	157.84 11.64 -21.17	153.49 8.46 -64.61	298.75 11.18 -182.82	157.55 3.57 -120.44	155.45 5.08 -103.88	154.42 13.99 -6.32	138.68 10.41 -22.68
WALDENNY_12_KV_BK2 80841	93.65 -8.98 10.98	98.77 -9.09 3.57	48.50 -3.03 -15.32	37.37 -2.65 -8.79	38.52 -2.65 -10.61	101.41 -11.47 20.34	51.69 -5.32 8.38	28.69 -2.82 -1.56	35.20 -2.88 -6.83	37.14 -3.91 -1.26	34.15 -3.54 -0.35	45.98 -5.19 4.78	27.81 -4.19 9.05	43.34 -6.55 13.26	23.54 -3.69 7.78	35.78 -4.56 7.88	47.98 -6.62 16.11	93.54 -11.52 19.97	61.11 -7.23 12.08	39.03 -9.92 55.79	21.35 -3.15 9.04	31.54 -4.59 10.36	73.05 -13.41 47.65	72.54 -9.84 23.19
WALDEN__HYDRO 24148	123.67 7.79 -2.26	129.71 7.34 -10.94	132.70 2.33 -94.16	107.07 2.00 -73.83	101.38 1.94 -68.89	144.65 8.39 -3.04	112.91 4.31 -43.21	147.10 1.99 -115.16	143.56 2.14 -110.17	137.50 2.73 -94.98	98.51 2.66 -58.52	104.71 4.03 -44.74	77.24 2.77 -33.41	105.01 4.16 -37.70	94.68 2.32 -57.35	89.12 3.25 -37.65	108.54 4.74 -33.09	154.08 8.68 -20.37	142.39 5.71 -56.26	131.45 7.28 -19.42	140.30 2.38 -104.37	108.31 3.28 -58.53	147.10 8.96 -4.02	112.69 6.70 -0.40
WARRENSBURG____ 23737	127.62 11.05 -2.95	136.17 10.46 -14.28	162.48 3.41 -122.86	130.49 2.91 -96.34	123.30 2.85 -89.89	149.68 12.49 -3.96	127.98 6.21 -56.38	183.12 2.90 -150.26	178.05 3.04 -143.76	167.24 3.52 -123.93	116.82 3.12 -76.36	118.99 4.67 -58.38	88.15 3.50 -43.60	117.69 5.35 -49.20	112.80 2.96 -74.84	102.05 4.69 -49.13	162.84 7.21 -84.92	234.54 12.98 -96.54	249.59 8.47 -160.70	190.51 10.78 -74.98	177.22 3.43 -140.25	140.84 4.59 -89.75	162.33 12.69 -15.53	117.27 9.91 -1.79
WATERSIDE__6 8 9 23538	95.24 9.15 27.52	121.52 8.54 -1.55	130.46 2.67 -91.59	104.17 2.29 -70.65	98.39 2.24 -65.59	140.66 9.55 2.12	114.93 4.94 -44.59	149.70 2.30 -117.44	143.21 2.51 -109.44	135.33 3.28 -92.25	-89.68 3.26 130.27	32.09 4.94 28.79	64.14 3.43 -19.66	17.31 5.14 50.97	91.19 2.85 -53.33	80.47 3.94 -28.31	108.63 5.39 -32.53	155.17 9.37 -20.77	144.40 6.23 -57.75	132.60 7.99 -19.86	143.00 2.62 -106.83	102.14 3.63 -52.01	-116.15 10.15 260.41	-7.20 7.68 120.47
WATKINRD_115KV_LN8_ILLION 55919	116.48 2.86 0.00	114.09 2.66 0.00	37.09 0.88 0.00	31.98 0.75 0.00	31.27 0.71 0.00	136.15 2.93 0.00	66.91 1.51 0.00	30.65 0.69 0.00	31.88 0.63 0.00	40.47 0.68 0.00	37.88 0.55 0.00	56.91 0.87 -0.10	41.98 0.71 -0.22	64.39 1.19 -0.06	35.58 0.57 0.00	49.27 1.05 0.00	72.37 1.67 0.00	128.26 3.24 0.00	82.67 2.25 0.00	107.49 2.73 0.00	34.45 0.90 0.00	47.73 1.23 0.00	137.55 3.43 0.00	107.99 2.41 0.00
WATSON__69_KV_BK 1 55734	128.05 12.10 -2.33	134.08 11.36 -11.29	136.91 3.55 -97.15	110.48 3.08 -76.18	104.61 2.98 -71.07	148.97 12.62 -3.13	116.24 6.26 -44.58	151.63 2.87 -118.81	148.07 3.15 -113.66	141.89 4.11 -97.99	126.26 4.30 -84.63	155.95 6.49 -93.53	99.00 4.40 -53.56	108.66 6.62 -38.90	97.83 3.65 -59.17	145.14 5.22 -91.71	177.46 7.71 -99.04	159.24 13.05 -21.17	153.76 8.72 -64.61	299.12 11.55 -182.82	157.70 3.72 -120.44	155.57 5.20 -103.88	154.76 14.32 -6.32	139.26 11.00 -22.68
WDELAWARE__HYD 323627	121.43 5.68 -2.13	127.08 5.35 -10.30	126.51 1.68 -88.62	102.17 1.45 -69.49	96.80 1.41 -64.83	142.18 6.10 -2.86	109.26 3.19 -40.67	139.88 1.53 -108.38	136.58 1.64 -103.69	131.21 2.03 -89.39	94.29 1.87 -55.08	100.91 2.87 -42.11	74.42 1.92 -31.45	101.50 2.87 -35.49	90.56 1.57 -53.98	85.84 2.18 -35.44	105.86 3.46 -31.70	151.81 6.69 -20.09	138.96 4.43 -54.10	129.33 5.65 -18.93	133.66 1.83 -98.29	104.21 2.45 -55.26	144.58 6.54 -3.92	110.63 4.66 -0.39

WEST BABYLON___IC 23714	127.51 11.56 -2.33	133.59 10.87 -11.29	136.76 3.40 -97.15	110.34 2.93 -76.18	104.48 2.84 -71.07	148.37 12.01 -3.13	115.98 6.00 -44.58	151.51 2.74 -118.81	147.94 3.03 -113.66	141.73 3.95 -97.99	126.08 4.11 -84.63	155.68 6.21 -93.53	98.83 4.22 -53.56	108.41 6.37 -38.90	97.70 3.52 -59.17	144.95 5.02 -91.71	177.13 7.39 -99.04	158.78 12.59 -21.17	153.40 8.36 -64.61	298.63 11.06 -182.82	157.55 3.57 -120.44	155.34 4.97 -103.88	154.12 13.68 -6.32	138.75 10.49 -22.68
WEST CANADA___HYD 24049	114.53 0.92 0.00	112.31 0.88 0.00	36.50 0.29 0.00	31.49 0.26 0.00	30.80 0.24 0.00	134.28 1.05 0.00	65.92 0.52 0.00	30.17 0.21 0.00	31.49 0.24 0.00	40.05 0.26 0.00	37.62 0.29 0.00	56.48 0.45 -0.10	41.59 0.32 -0.22	63.71 0.50 -0.06	35.26 0.25 0.00	48.61 0.39 0.00	71.23 0.53 0.00	126.02 1.00 0.00	81.15 0.72 0.00	105.65 0.90 0.00	33.85 0.30 0.00	46.91 0.42 0.00	135.23 1.11 0.00	106.42 0.84 0.00
WESTERN_NY_WIND 24143	99.44 -5.84 8.33	103.43 -6.01 1.99	47.44 -2.06 -13.29	37.43 -1.77 -7.96	38.11 -1.80 -9.35	110.32 -7.61 15.29	57.94 -3.43 4.02	34.77 -1.87 -6.69	38.88 -1.91 -9.54	42.11 -2.73 -5.05	38.06 -2.53 -3.25	51.63 -3.91 0.40	32.49 -3.40 5.17	52.01 -5.29 5.84	30.62 -3.01 1.37	42.23 -3.59 2.41	58.63 -4.91 7.17	107.43 -7.58 10.01	72.55 -4.69 3.19	60.23 -6.72 37.79	30.66 -2.09 0.80	40.55 -3.14 2.80	93.90 -9.50 30.71	84.36 -6.96 14.26
WESTOVER___LESR 323668	107.57 -1.09 4.95	112.54 -1.10 -2.21	66.61 -0.36 -30.75	53.42 -0.32 -22.51	52.64 -0.31 -22.39	122.69 -1.47 9.06	75.01 -0.69 -10.30	67.17 -0.29 -37.50	67.31 -0.25 -36.31	69.12 -0.50 -29.83	56.19 -0.43 -19.29	69.85 -0.60 -14.52	46.91 -0.58 -6.44	73.70 -0.75 -11.30	53.32 -0.44 -18.75	60.21 -0.40 -12.39	82.06 -0.19 -11.54	132.38 -0.38 -7.74	100.12 -0.16 -19.85	91.45 -0.57 12.73	64.77 -0.15 -31.37	65.36 -0.29 -19.15	123.54 -0.87 9.70	101.18 -1.09 3.31
WETHRSFD_WT_PWR 323626	87.24 -11.40 14.97	89.44 -11.24 10.74	49.84 -3.56 -17.19	37.09 -3.16 -9.01	38.37 -3.15 -10.96	89.72 -14.14 29.37	29.70 -6.37 29.32	-10.66 -3.03 37.59	8.76 -3.06 19.44	9.05 -4.22 26.52	11.84 -3.91 21.58	17.20 -5.86 32.88	11.15 -4.75 25.15	0.47 -7.08 55.60	-17.21 -3.77 48.45	1.68 -4.87 41.67	-4.43 -6.57 68.56	37.32 -11.24 76.45	9.22 -7.08 64.13	-23.27 -9.43 118.58	-28.52 -2.97 59.10	-15.17 -4.53 57.14	0.84 -13.76 119.52	29.35 -10.70 65.53
WHAVSTOR_138KV_BK127 55557	123.01 7.14 -2.26	129.02 6.68 -10.91	132.18 2.11 -93.86	106.63 1.81 -73.60	100.97 1.74 -68.66	143.78 7.53 -3.03	112.39 3.92 -43.07	146.55 1.80 -114.79	143.02 1.96 -109.81	137.00 2.53 -94.67	98.21 2.54 -58.33	104.35 3.82 -44.59	76.96 2.61 -33.30	104.64 3.91 -37.58	94.37 2.19 -57.17	88.75 3.00 -37.53	107.77 4.24 -32.83	152.75 7.69 -20.04	141.25 5.07 -55.75	130.40 6.47 -19.17	139.70 2.14 -104.02	107.76 2.97 -58.29	146.23 8.15 -3.97	112.03 6.06 -0.39
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	123.01 7.14 -2.26	129.02 6.68 -10.91	132.18 2.11 -93.86	106.63 1.81 -73.60	100.97 1.74 -68.66	143.78 7.53 -3.03	112.39 3.92 -43.07	146.55 1.80 -114.79	143.02 1.96 -109.81	137.00 2.53 -94.67	98.21 2.54 -58.33	104.35 3.82 -44.59	76.96 2.61 -33.30	104.64 3.91 -37.58	94.37 2.19 -57.17	88.75 3.00 -37.53	107.77 4.24 -32.83	152.75 7.69 -20.04	141.25 5.07 -55.75	130.40 6.47 -19.17	139.70 2.14 -104.02	107.76 2.97 -58.29	146.23 8.15 -3.97	112.03 6.06 -0.39
WHITEHAL_115KV_TB1 80871	131.12 14.56 -2.95	138.99 13.31 -14.25	163.27 4.42 -122.64	131.10 3.70 -96.17	123.92 3.64 -89.72	153.11 15.93 -3.96	129.47 7.80 -56.28	183.62 3.67 -149.99	178.74 4.00 -143.49	168.14 4.64 -123.71	117.42 3.86 -76.22	119.81 5.60 -58.27	88.65 4.08 -43.52	118.35 6.10 -49.11	113.19 3.48 -74.70	103.47 6.20 -49.04	164.37 9.53 -84.14	237.18 16.86 -95.30	250.75 11.24 -159.08	193.28 14.44 -74.09	178.18 4.70 -139.93	142.02 6.15 -89.38	166.07 16.61 -15.34	120.18 12.83 -1.76
WHITEPLN_13_KV_LOAD 356215	125.47 9.53 -2.33	131.67 8.97 -11.27	136.01 2.83 -96.97	109.69 2.42 -76.04	103.86 2.36 -70.94	146.51 10.16 -3.13	115.12 5.22 -44.49	150.95 2.40 -118.59	147.32 2.61 -113.46	141.00 3.40 -97.81	100.96 3.36 -60.26	107.06 5.05 -46.07	78.95 3.50 -34.41	107.25 5.28 -38.83	97.02 2.95 -59.06	91.08 4.09 -38.77	110.47 5.83 -33.93	156.19 10.44 -20.73	144.92 6.87 -57.63	133.38 8.81 -19.82	143.88 2.87 -107.47	110.70 3.98 -60.23	149.14 10.93 -4.10	114.19 8.20 -0.41
WM_FLOYD_69_KV_BK2 356380	127.42 11.47 -2.33	133.45 10.73 -11.29	136.70 3.34 -97.15	110.30 2.89 -76.18	104.43 2.80 -71.07	148.22 11.86 -3.13	115.65 5.68 -44.58	151.37 2.60 -118.81	147.79 2.88 -113.66	141.55 3.77 -97.99	126.04 4.08 -84.63	155.58 6.11 -93.53	98.70 4.09 -53.56	108.27 6.22 -38.90	97.55 3.37 -59.17	144.78 4.85 -91.71	177.00 7.25 -99.04	158.09 11.90 -21.17	153.32 8.28 -64.61	298.50 10.94 -182.82	157.49 3.51 -120.44	155.32 4.95 -103.88	154.07 13.63 -6.32	138.58 10.32 -22.68
WOODARD___115KV_TB2 355635	111.36 -2.46 -0.21	109.94 -2.51 -1.02	44.18 -0.79 -8.75	37.48 -0.61 -6.86	36.32 -0.64 -6.40	130.47 -3.04 -0.28	68.00 -1.42 -4.02	40.07 -0.59 -10.70	40.91 -0.58 -10.24	47.72 -0.90 -8.83	41.95 -0.83 -5.44	58.84 -1.26 -4.16	43.17 -0.98 -3.10	65.12 -1.54 -3.50	39.53 -0.81 -5.33	50.73 -0.99 -3.50	71.26 -1.29 -1.84	122.97 -2.14 -0.08	81.86 -1.34 -2.78	103.20 -1.88 -0.34	42.59 -0.54 -9.58	50.65 -0.89 -5.04	131.28 -2.90 -0.07	103.13 -2.45 0.00
YORK___WARBASSE 23770	272.27 9.71 -148.95	179.65 9.06 -59.16	163.71 2.83 -124.66	137.11 2.42 -103.46	131.08 2.37 -98.15	172.35 10.18 -28.95	115.23 5.24 -44.59	158.19 2.43 -125.80	168.53 2.64 -134.64	169.58 3.41 -126.38	1037.55 3.42 -996.80	475.47 5.20 -414.34	151.95 3.63 -107.27	548.94 5.45 -480.34	126.03 3.03 -87.99	143.02 4.14 -90.66	117.60 5.64 -41.25	155.78 9.98 -20.77	144.81 6.63 -57.75	133.09 8.48 -19.86	148.33 2.77 -112.00	151.70 3.85 -101.35	1448.09 10.77 -1303.21	707.79 8.17 -594.04