

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/07/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	112.26	113.73	123.67	135.49	131.92	145.64	144.28	152.66	141.65	98.93	127.37	113.40	123.58	126.27	117.03	133.11	141.20	165.70	147.83	141.90	136.17	125.85	150.01	169.48
	8.18	7.98	6.56	2.54	2.55	2.08	4.48	2.41	2.62	3.23	3.25	3.28	2.81	2.90	3.10	2.90	2.64	3.45	3.49	2.66	2.49	2.37	2.00	-0.50
	-9.91	-6.23	-34.66	-100.60	-97.25	-114.54	-83.72	-121.09	-108.16	-60.79	-90.22	-76.25	-91.80	-94.11	-82.84	-100.31	-110.63	-126.20	-108.43	-111.21	-107.00	-97.97	-126.15	-175.90
74TH STREET_GT_1 24260	112.72	114.22	124.10	135.65	132.09	145.77	144.53	152.79	141.75	99.05	127.46	113.52	123.66	126.35	117.12	133.19	141.28	165.73	147.82	141.91	136.19	125.89	150.06	169.51
	8.65	8.47	6.98	2.67	2.69	2.19	4.71	2.52	2.71	3.33	3.32	3.39	2.87	2.96	3.17	2.97	2.71	3.45	3.45	2.64	2.49	2.39	2.03	-0.51
	-9.92	-6.24	-34.67	-100.61	-97.26	-114.56	-83.73	-121.11	-108.18	-60.80	-90.23	-76.26	-91.82	-94.13	-82.85	-100.33	-110.65	-126.23	-108.45	-111.23	-107.02	-97.98	-126.18	-175.94
74TH STREET_GT_2 24261	112.72	114.22	124.10	135.65	132.09	145.77	144.53	152.79	141.75	99.05	127.46	113.52	123.66	126.35	117.12	133.19	141.28	165.73	147.82	141.91	136.19	125.89	150.06	169.51
	8.65	8.47	6.98	2.67	2.69	2.19	4.71	2.52	2.71	3.33	3.32	3.39	2.87	2.96	3.17	2.97	2.71	3.45	3.45	2.64	2.49	2.39	2.03	-0.51
	-9.92	-6.24	-34.67	-100.61	-97.26	-114.56	-83.73	-121.11	-108.18	-60.80	-90.23	-76.26	-91.82	-94.13	-82.85	-100.33	-110.65	-126.23	-108.45	-111.23	-107.02	-97.98	-126.18	-175.94
ADK HUDSON___FALLS 24011	147.82	145.14	159.94	171.06	166.21	185.80	173.25	196.58	183.25	115.74	155.46	132.30	154.85	143.03	142.12	165.00	179.00	203.16	175.47	173.29	172.79	159.30	193.40	231.17
	8.81	9.15	7.56	2.96	2.85	2.22	4.19	2.09	2.18	2.24	2.00	1.96	1.65	1.65	1.82	1.82	1.79	2.44	2.40	1.83	1.72	1.58	1.31	-0.30
	-44.84	-36.49	-69.93	-135.75	-131.23	-154.56	-112.97	-165.33	-150.20	-78.59	-119.55	-96.47	-124.23	-112.11	-109.20	-133.28	-149.29	-164.67	-137.15	-143.42	-144.39	-132.20	-170.24	-237.38
ADK RESOURCE___RCVRY 23798	148.87	146.28	160.92	171.46	166.61	186.17	173.82	196.81	183.36	116.00	155.72	132.58	155.07	143.12	142.40	165.25	179.25	203.51	175.81	173.58	173.06	159.55	193.66	231.32
	9.66	10.10	8.36	3.26	3.17	2.47	4.69	2.31	2.42	2.45	2.19	2.18	1.86	1.80	2.02	1.98	1.94	2.68	2.65	2.03	1.89	1.75	1.45	-0.31
	-45.05	-36.67	-70.11	-135.84	-131.32	-154.67	-113.05	-165.34	-150.07	-78.63	-119.63	-96.53	-124.23	-112.05	-109.28	-133.37	-149.40	-164.78	-137.24	-143.51	-144.49	-132.30	-170.36	-237.54
ADK S GLENS___FALLS 24028	147.82	145.14	159.94	171.06	166.21	185.80	173.25	196.58	183.25	115.74	155.46	132.30	154.85	143.03	142.12	165.00	179.00	203.16	175.47	173.29	172.79	159.30	193.40	231.17
	8.81	9.15	7.56	2.96	2.85	2.22	4.19	2.09	2.18	2.24	2.00	1.96	1.65	1.65	1.82	1.82	1.79	2.44	2.40	1.83	1.72	1.58	1.31	-0.30
	-44.84	-36.49	-69.93	-135.75	-131.23	-154.56	-112.97	-165.33	-150.20	-78.59	-119.55	-96.47	-124.23	-112.11	-109.20	-133.28	-149.29	-164.67	-137.15	-143.42	-144.39	-132.20	-170.24	-237.38
ADK_NYS___DAM 23527	135.86	134.36	149.54	165.59	161.00	179.80	168.45	192.11	181.68	112.95	151.27	129.34	151.71	142.44	138.14	159.98	173.17	197.01	170.47	168.06	167.17	154.26	187.04	222.40
	7.63	7.86	6.45	2.49	2.48	1.92	3.55	1.84	1.94	2.02	1.95	2.00	1.68	1.63	1.69	1.58	1.47	1.97	1.82	1.42	1.43	1.42	1.23	-0.31
	-34.08	-26.99	-60.65	-130.74	-126.39	-148.86	-108.81	-161.11	-148.87	-76.01	-115.42	-93.47	-121.06	-111.54	-105.35	-128.51	-143.79	-158.99	-132.74	-138.60	-139.07	-127.33	-163.96	-228.63
AIR_PRODUCTS___DRP 24190	123.39	122.80	140.22	164.92	160.22	179.07	166.20	185.76	168.03	111.18	149.77	127.30	146.80	132.89	137.15	159.26	172.85	195.80	168.88	167.05	166.79	153.84	187.00	223.80
	3.81	4.02	3.30	1.10	1.00	0.36	0.71	0.38	0.39	0.42	0.40	0.40	0.33	0.36	0.37	0.35	0.36	0.43	0.39	0.30	0.28	0.30	0.28	-0.17
	-25.42	-19.27	-54.47	-131.46	-127.09	-149.69	-109.41	-156.22	-136.78	-75.84	-115.46	-93.04	-117.50	-103.27	-105.68	-129.02	-144.58	-159.32	-132.58	-138.71	-139.83	-128.03	-164.87	-229.89
AKWESSNE_115KV_BK 355683	92.12	97.99	81.39	31.83	28.16	-27.50	-19.88	-17.14	-22.03	-25.06	-27.44	-21.51	-23.16	-24.25	-23.59	-17.63	24.47	33.42	33.23	25.70	-16.84	-20.38	-20.73	-22.31
	-2.03	-1.52	-1.06	-0.52	-0.73	-2.89	-4.94	-2.55	-2.58	-2.81	-2.90	-2.74	-2.27	-2.40	-2.50	-2.43	-2.07	-2.64	-2.68	-2.34	-2.43	-2.29	-1.89	0.44
	0.00	0.00	0.00	0.00	3.24	53.64	71.03	43.75	50.32	57.17	58.44	52.64	49.86	51.13	52.19	45.09	1.38	0.00	0.00	0.00	41.09	43.59	40.69	16.83
ALBANY_1_SOLAR 323833	120.04	120.12	137.18	162.55	157.99	176.41	165.09	183.52	167.06	110.22	147.79	125.78	144.99	132.29	135.25	156.92	170.16	193.13	166.86	164.67	164.12	151.44	183.71	218.58
	5.10	5.40	4.47	1.67	1.62	1.05	2.05	1.00	1.02	1.02	0.89	0.72	0.67	0.66	0.75	0.83	0.90	1.14	1.02	0.80	0.75	0.77	0.69	-0.24
	-20.78	-15.21	-50.25	-128.52	-124.24	-146.33	-106.95	-153.37	-135.17	-74.29	-112.98	-91.20	-115.36	-102.36	-103.41	-126.20	-141.34	-155.94	-129.92	-135.83	-136.70	-125.16	-161.17	-224.73
ALBANY_2_SOLAR 323834	120.02	120.10	137.17	162.56	158.00	176.42	165.05	183.54	167.06	110.22	147.79	125.79	145.00	132.30	135.26	156.93	170.17	193.14	166.87	164.68	164.13	151.45	183.72	218.61
	5.09	5.38	4.46	1.66	1.61	1.05	2.00	0.99	1.00	1.01	0.89	0.72	0.66	0.66	0.74	0.82	0.89	1.12	1.02	0.79	0.74	0.76	0.68	-0.24
	-20.78	-15.21	-50.25	-128.53	-124.25	-146.35	-106.97	-153.39	-135.19	-74.29	-113.00	-91.21	-115.37	-102.37	-103.42	-126.21	-141.36	-155.96	-129.93	-135.85	-136.71	-125.18	-161.19	-224.76
ALBANY___1 23571	123.39	122.80	140.22	164.92	160.22	179.07	166.20	185.76	168.03	111.18	149.77	127.30	146.80	132.89	137.15	159.26	172.85	195.80	168.88	167.05	166.79	153.84	187.00	223.80
	3.81	4.02	3.30	1.10	1.00	0.36	0.71	0.38	0.39	0.42	0.40	0.40	0.33	0.36	0.37	0.35	0.36	0.43	0.39	0.30	0.28	0.30	0.28	-0.17
	-25.42	-19.27	-54.47	-131.46	-127.09	-149.69	-109.41	-156.22	-136.78	-75.84	-115.46	-93.04	-117.50	-103.27	-105.68	-129.02	-144.58	-159.32	-132.58	-138.71	-139.83	-128.03	-164.87	-229.89

ALBANY___2 23572	123.39 3.81 -25.42	122.80 4.02 -19.27	140.22 3.30 -54.47	164.92 1.10 -131.46	160.22 1.00 -127.09	179.07 0.36 -149.69	166.20 0.71 -109.41	185.76 0.38 -156.22	168.03 0.39 -136.78	111.18 0.42 -75.84	149.77 0.40 -115.46	127.30 0.40 -93.04	146.80 0.33 -117.50	132.89 0.36 -103.27	137.15 0.37 -105.68	159.26 0.35 -129.02	172.85 0.36 -144.58	195.80 0.43 -159.32	168.88 0.39 -132.58	167.05 0.30 -138.71	166.79 0.28 -139.83	153.84 0.30 -128.03	187.00 0.28 -164.87	223.80 -0.17 -229.89
ALBANY___3 23573	123.39 3.81 -25.42	122.80 4.02 -19.27	140.22 3.30 -54.47	164.92 1.10 -131.46	160.22 1.00 -127.09	179.07 0.36 -149.69	166.20 0.71 -109.41	185.76 0.38 -156.22	168.03 0.39 -136.78	111.18 0.42 -75.84	149.77 0.40 -115.46	127.30 0.40 -93.04	146.80 0.33 -117.50	132.89 0.36 -103.27	137.15 0.37 -105.68	159.26 0.35 -129.02	172.85 0.36 -144.58	195.80 0.43 -159.32	168.88 0.39 -132.58	167.05 0.30 -138.71	166.79 0.28 -139.83	153.84 0.30 -128.03	187.00 0.28 -164.87	223.80 -0.17 -229.89
ALBANY___4 23574	123.39 3.81 -25.42	122.80 4.02 -19.27	140.22 3.30 -54.47	164.92 1.10 -131.46	160.22 1.00 -127.09	179.07 0.36 -149.69	166.20 0.71 -109.41	185.76 0.38 -156.22	168.03 0.39 -136.78	111.18 0.42 -75.84	149.77 0.40 -115.46	127.30 0.40 -93.04	146.80 0.33 -117.50	132.89 0.36 -103.27	137.15 0.37 -105.68	159.26 0.35 -129.02	172.85 0.36 -144.58	195.80 0.43 -159.32	168.88 0.39 -132.58	167.05 0.30 -138.71	166.79 0.28 -139.83	153.84 0.30 -128.03	187.00 0.28 -164.87	223.80 -0.17 -229.89
ALBANY___LFGE 323615	130.44 4.66 -31.62	129.17 4.89 -24.77	145.86 4.01 -59.39	166.54 1.40 -132.77	161.83 1.35 -128.35	180.93 0.73 -151.18	168.04 1.45 -110.50	187.34 0.76 -157.43	169.02 0.81 -137.34	112.44 0.89 -76.64	151.40 0.86 -116.64	128.74 0.84 -94.04	148.12 0.72 -118.43	134.08 0.73 -104.07	138.65 0.78 -106.77	160.97 0.75 -130.33	174.68 0.73 -146.02	197.97 0.93 -160.98	170.81 0.88 -134.02	168.89 0.67 -140.18	168.53 0.63 -141.22	155.45 0.63 -129.31	188.91 0.54 -166.51	226.05 -0.21 -232.18
ALCOA_PA_115KV_PL-6C 55860	92.48 -1.68 0.00	98.03 -1.48 0.00	81.39 -1.06 0.00	31.82 -0.54 0.00	28.32 -0.74 3.07	-23.90 -2.86 50.06	-16.17 -4.87 67.38	-13.58 -2.52 40.22	-18.42 -2.46 46.82	-22.12 -2.69 54.34	-24.05 -2.80 55.16	-18.48 -2.63 49.71	-19.86 -2.15 46.68	-21.25 -2.31 48.21	-22.12 -2.40 50.83	-14.87 -2.29 42.48	26.43 -1.92 -0.44	35.81 -2.42 -2.17	35.24 -2.49 -1.81	27.70 -2.24 -1.89	-13.61 -2.38 37.90	-17.19 -2.22 40.48	-17.11 -1.79 37.17	-18.67 0.43 13.18
ALCOA_RYNLDS___DRP 24188	92.48 -1.68 0.00	98.03 -1.48 0.00	81.39 -1.06 0.00	31.82 -0.54 0.00	28.32 -0.74 3.07	-23.90 -2.86 50.06	-16.17 -4.87 67.38	-13.58 -2.52 40.22	-18.42 -2.46 46.82	-22.12 -2.69 54.34	-24.05 -2.80 55.16	-18.48 -2.63 49.71	-19.86 -2.15 46.68	-21.25 -2.31 48.21	-22.12 -2.40 50.83	-14.87 -2.29 42.48	26.43 -1.92 -0.44	35.81 -2.42 -2.17	35.24 -2.49 -1.81	27.70 -2.24 -1.89	-13.61 -2.38 37.90	-17.19 -2.22 40.48	-17.11 -1.79 37.17	-18.67 0.43 13.18
ALCOA___DSASP 323711	92.48 -1.68 0.00	98.04 -1.47 0.00	81.40 -1.06 0.00	31.82 -0.54 0.00	28.32 -0.74 3.07	-23.90 -2.86 50.06	-16.19 -4.90 67.38	-13.59 -2.52 40.22	-18.43 -2.47 46.82	-22.16 -2.74 54.34	-24.05 -2.80 55.16	-18.48 -2.63 49.71	-19.86 -2.15 46.68	-21.26 -2.32 48.21	-22.13 -2.40 50.83	-14.87 -2.29 42.48	26.44 -1.92 -0.44	35.80 -2.42 -2.17	35.24 -2.49 -1.81	27.70 -2.24 -1.89	-13.61 -2.39 37.90	-17.20 -2.22 40.48	-17.11 -1.79 37.17	-18.68 0.41 13.18
ALLEGHENY___COGEN 23514	97.18 1.09 -1.94	101.03 0.57 -0.96	88.56 -0.41 -6.52	50.97 -0.13 -18.74	50.23 -0.02 -18.12	50.02 -0.43 -21.43	68.88 -2.93 -15.73	50.09 -1.82 -22.75	49.43 -1.75 -20.32	43.76 -2.21 -11.06	51.35 -2.66 -20.11	44.67 -2.85 -13.66	43.46 -2.65 -17.14	42.69 -2.51 -15.93	44.06 -2.34 -15.30	46.44 -2.09 -18.63	46.86 -1.85 -20.78	57.07 -2.13 -23.14	53.42 -1.93 -19.44	46.74 -1.52 -20.22	45.45 -1.33 -20.10	43.80 -0.12 -18.40	45.21 -0.34 -23.70	27.25 0.12 -33.04
ALTAMONT_115KV_TB 2 55880	120.00 3.95 -21.90	119.73 4.08 -16.14	137.69 3.40 -51.83	164.95 1.30 -131.29	160.31 1.26 -126.92	179.30 0.79 -149.49	166.93 1.58 -109.26	187.03 0.82 -157.05	170.65 0.87 -138.91	111.57 0.96 -75.69	150.12 0.91 -115.31	127.54 0.87 -92.81	147.75 0.73 -118.05	134.05 0.75 -104.03	137.40 0.81 -105.49	159.49 0.80 -128.80	173.08 0.78 -144.39	196.03 1.00 -158.98	169.08 0.97 -132.20	167.17 0.75 -138.38	167.03 0.70 -139.65	154.06 0.69 -127.86	187.09 0.60 -164.64	223.48 -0.18 -229.58
ALTONA_WT_PWR 323606	91.83 -2.33 0.00	97.22 -2.29 0.00	80.61 -1.84 0.00	31.36 -1.00 0.00	27.58 -1.30 3.25	-27.69 -2.85 53.87	-20.89 -5.63 71.35	-17.73 -2.93 43.95	-22.47 -2.79 50.56	-25.15 -2.63 57.43	-27.45 -2.67 58.70	-21.99 -2.97 52.88	-23.43 -2.31 50.09	-24.45 -2.38 51.34	-23.70 -2.62 52.18	-18.14 -2.82 45.21	12.29 -2.63 12.99	17.10 -3.29 15.67	28.64 -3.32 3.95	25.24 -2.80 0.00	-17.38 -2.78 41.28	-20.91 -2.62 43.80	-21.15 -2.13 40.88	-22.40 0.43 16.91
AMERICAN_REF_FUEL 24010	87.45 -8.41 -1.70	91.36 -9.00 -0.85	79.79 -8.45 -5.79	45.68 -3.36 -16.68	45.03 -3.23 -16.13	45.25 -2.85 -19.08	63.75 -6.33 -14.00	45.55 -3.85 -20.25	44.97 -3.98 -18.08	40.01 -4.75 -9.84	42.94 -5.05 -14.09	40.75 -5.28 -12.16	39.59 -4.64 -15.25	38.92 -4.53 -14.18	40.01 -4.70 -13.62	42.02 -4.45 -16.58	42.12 -4.30 -18.50	51.25 -5.40 -20.59	48.08 -5.13 -17.30	41.82 -3.94 -17.72	40.80 -3.77 -17.89	38.07 -3.82 -16.38	39.72 -3.23 -21.09	24.35 0.85 -29.41
ARKWRIGHT___SUMMIT_WT_PWR 323751	91.98 -4.10 -1.92	95.64 -4.82 -0.95	83.19 -5.74 -6.47	48.65 -2.31 -18.60	47.90 -2.21 -17.98	48.38 -1.89 -21.25	67.47 -4.20 -15.58	49.22 -2.47 -22.53	48.53 -2.52 -20.18	42.72 -3.20 -11.01	46.21 -3.56 -15.86	43.61 -3.85 -13.59	42.65 -3.38 -17.06	41.77 -3.31 -15.81	42.84 -3.42 -15.16	45.19 -3.16 -18.46	45.33 -3.18 -20.59	55.26 -3.72 -22.92	51.58 -3.60 -19.26	44.93 -2.80 -19.69	43.83 -2.76 -19.91	40.88 -2.86 -18.23	43.02 -2.31 -23.48	27.45 0.63 -32.74
ARTHUR KILL_GT_1 23520	112.55 8.47 -9.92	113.87 8.12 -6.24	123.90 6.78 -34.67	135.58 2.61 -100.61	132.03 2.64 -97.27	145.72 2.14 -114.56	144.29 4.47 -83.74	131.20 2.29 -99.76	128.03 2.47 -94.69	89.60 3.07 -51.62	122.05 2.99 -85.15	113.85 3.02 -76.96	132.20 2.58 -100.65	124.31 2.64 -92.39	123.44 2.83 -89.51	133.51 2.65 -100.96	129.77 2.43 -99.42	158.87 3.18 -119.64	135.94 3.28 -96.74	130.00 2.54 -99.42	127.28 2.47 -98.13	114.14 2.36 -86.27	145.06 1.95 -121.25	169.52 -0.50 -175.94
ARTHUR_KILL_2 23512	112.23 8.16 -9.92	113.56 7.82 -6.24	123.63 6.51 -34.67	135.48 2.50 -100.61	131.94 2.54 -97.27	145.62 2.04 -114.56	144.10 4.28 -83.74	131.08 2.17 -99.76	127.93 2.37 -94.69	89.48 2.95 -51.62	121.93 2.88 -85.15	113.74 2.91 -76.96	132.11 2.49 -100.65	124.22 2.56 -92.39	123.35 2.74 -89.51	133.41 2.56 -100.96	129.68 2.33 -99.42	158.74 3.05 -119.64	135.80 3.15 -96.74	129.89 2.43 -99.42	127.17 2.36 -98.13	114.05 2.27 -86.27	144.98 1.88 -121.25	169.54 -0.48 -175.94
ARTHUR_KILL_3 23513	111.35 7.27 -9.92	112.78 7.04 -6.24	122.94 5.82 -34.67	135.19 2.22 -100.61	131.62 2.23 -97.26	145.34 1.77 -114.55	139.17 3.82 -79.27	129.16 2.05 -97.95	140.65 2.20 -107.59	100.15 2.80 -62.44	126.95 2.82 -90.23	117.76 2.87 -81.02	123.23 2.45 -91.81	125.92 2.53 -94.12	116.64 2.69 -82.84	130.30 2.49 -97.92	139.29 2.24 -109.13	165.01 2.84 -126.12	144.73 2.85 -105.96	137.84 2.19 -107.62	135.77 2.08 -107.01	127.73 2.01 -100.21	149.72 1.70 -126.16	169.58 -0.43 -175.92

ARTHUR_KILL_COGEN 323718	112.55 8.47 -9.92	113.87 8.12 -6.24	123.90 6.78 -34.67	135.58 2.61 -100.61	132.03 2.64 -97.27	145.72 2.14 -114.56	144.29 4.47 -83.74	131.20 2.29 -99.76	128.03 2.47 -94.69	89.60 3.07 -51.62	122.05 2.99 -85.15	113.85 3.02 -76.96	132.20 2.58 -100.65	124.31 2.64 -92.39	123.44 2.83 -89.51	133.51 2.65 -100.96	129.77 2.43 -99.42	158.87 3.18 -119.64	135.94 3.28 -96.74	130.00 2.54 -99.42	127.28 2.47 -98.13	114.14 2.36 -86.27	145.06 1.95 -121.25	169.52 -0.50 -175.94
ASHOKAN____ 23654	121.86 10.31 -17.39	122.54 10.54 -12.49	135.37 8.36 -44.57	152.37 3.24 -116.78	148.28 3.26 -112.89	164.77 2.78 -132.96	159.23 5.96 -97.18	171.87 3.07 -139.65	157.45 3.11 -123.47	106.78 3.47 -68.39	140.16 2.99 -103.26	121.14 2.76 -84.52	136.60 2.35 -105.28	129.43 2.49 -97.68	128.35 2.65 -94.60	147.94 2.86 -115.19	159.29 2.95 -128.43	183.18 4.02 -143.10	160.26 4.00 -120.34	156.14 3.01 -125.09	153.64 2.75 -124.21	141.76 2.52 -113.73	170.37 2.08 -146.45	197.76 -0.52 -204.20
ASTORIA_EAST_ENERGY_CC1 323581	112.02 7.95 -9.92	113.16 7.41 -6.24	123.62 6.50 -34.67	135.42 2.45 -100.61	131.83 2.44 -97.27	145.50 1.92 -114.56	144.07 4.26 -83.74	152.52 2.24 -121.11	141.45 2.40 -108.18	98.67 2.94 -60.81	127.10 2.98 -90.22	113.06 2.92 -76.27	123.27 2.48 -91.82	125.95 2.56 -94.13	116.69 2.75 -82.85	132.77 2.55 -100.33	140.86 2.30 -110.64	165.17 2.88 -126.23	147.36 3.00 -108.46	141.61 2.34 -111.23	135.95 2.25 -107.02	125.66 2.16 -97.99	149.84 1.82 -126.18	169.56 -0.46 -175.94
ASTORIA_EAST_ENERGY_CC2 323582	112.02 7.95 -9.92	113.14 7.39 -6.24	123.61 6.49 -34.67	135.42 2.45 -100.61	131.84 2.44 -97.27	145.50 1.92 -114.56	144.09 4.27 -83.74	152.52 2.24 -121.11	141.46 2.40 -108.18	98.67 2.94 -60.81	127.10 2.98 -90.22	113.06 2.92 -76.27	123.27 2.47 -91.82	125.95 2.56 -94.13	116.69 2.74 -82.85	132.77 2.55 -100.33	140.86 2.30 -110.64	165.17 2.88 -126.23	147.37 3.01 -108.46	141.61 2.34 -111.23	135.95 2.25 -107.02	125.66 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT2_1 24094	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT2_2 24095	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT2_3 24096	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT2_4 24097	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT3_1 24098	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT3_2 24099	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT3_3 24100	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT3_4 24101	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT4_1 24102	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT4_2 24103	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT4_3 24104	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94

ASTORIA_GT4_4 24105	112.03 7.96 -9.92	113.17 7.43 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.26 -121.11	141.46 2.41 -108.18	98.69 2.96 -60.81	127.11 2.98 -90.22	113.07 2.93 -76.27	123.27 2.48 -91.82	125.96 2.56 -94.13	116.70 2.75 -82.85	132.77 2.55 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA_GT_1 23523	112.24 8.16 -9.92	113.36 7.61 -6.24	123.78 6.66 -34.67	135.49 2.51 -100.61	131.91 2.51 -97.27	145.57 1.99 -114.56	144.23 4.41 -83.74	152.60 2.32 -121.11	141.54 2.48 -108.18	98.76 3.04 -60.81	127.18 3.05 -90.22	113.15 3.02 -76.27	123.35 2.56 -91.82	126.03 2.63 -94.13	116.77 2.82 -82.85	132.85 2.63 -100.33	140.95 2.38 -110.64	165.27 2.99 -126.23	147.47 3.10 -108.46	141.69 2.42 -111.23	136.03 2.33 -107.02	125.72 2.23 -97.99	149.90 1.88 -126.18	169.54 -0.48 -175.94
ASTORIA_GT_10 24110	112.38 8.31 -9.92	113.79 8.04 -6.24	123.81 6.69 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.31 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.84 3.03 -121.70	161.91 2.83 -129.18	160.08 2.58 -129.58	169.70 3.29 -130.35	147.68 3.32 -108.46	141.80 2.52 -111.23	136.09 2.40 -107.02	125.81 2.31 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
ASTORIA_GT_11 24225	112.38 8.31 -9.92	113.79 8.04 -6.24	123.81 6.69 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.31 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.84 3.03 -121.70	161.91 2.83 -129.18	160.08 2.58 -129.58	169.70 3.29 -130.35	147.68 3.32 -108.46	141.80 2.52 -111.23	136.09 2.40 -107.02	125.81 2.31 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
ASTORIA_GT_12 24226	112.38 8.31 -9.92	113.79 8.04 -6.24	123.81 6.69 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.31 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.84 3.03 -121.70	161.91 2.83 -129.18	160.08 2.58 -129.58	169.70 3.29 -130.35	147.68 3.32 -108.46	141.80 2.52 -111.23	136.09 2.40 -107.02	125.81 2.31 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
ASTORIA_GT_13 24227	112.38 8.31 -9.92	113.79 8.04 -6.24	123.81 6.69 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.31 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.84 3.03 -121.70	161.91 2.83 -129.18	160.08 2.58 -129.58	169.70 3.29 -130.35	147.68 3.32 -108.46	141.80 2.52 -111.23	136.09 2.40 -107.02	125.81 2.31 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
ASTORIA_GT_5 24106	112.22 8.14 -9.92	113.36 7.61 -6.24	123.79 6.67 -34.67	135.49 2.51 -100.61	131.91 2.51 -97.27	145.57 1.99 -114.56	144.23 4.41 -83.74	152.60 2.32 -121.11	141.53 2.48 -108.18	98.77 3.05 -60.81	127.18 3.05 -90.22	113.14 3.01 -76.27	123.34 2.55 -91.82	126.03 2.63 -94.13	116.77 2.82 -82.85	132.84 2.62 -100.33	140.94 2.38 -110.64	165.27 2.99 -126.23	147.47 3.10 -108.46	141.69 2.42 -111.23	136.02 2.32 -107.02	125.72 2.22 -97.99	149.90 1.88 -126.18	169.54 -0.48 -175.94
ASTORIA_GT_7 24107	112.22 8.14 -9.92	113.36 7.61 -6.24	123.79 6.67 -34.67	135.49 2.51 -100.61	131.91 2.51 -97.27	145.57 1.99 -114.56	144.23 4.41 -83.74	152.60 2.32 -121.11	141.53 2.48 -108.18	98.77 3.05 -60.81	127.18 3.05 -90.22	113.14 3.01 -76.27	123.34 2.55 -91.82	126.03 2.63 -94.13	116.77 2.82 -82.85	132.84 2.62 -100.33	140.94 2.38 -110.64	165.27 2.99 -126.23	147.47 3.10 -108.46	141.69 2.42 -111.23	136.02 2.32 -107.02	125.72 2.22 -97.99	149.90 1.88 -126.18	169.54 -0.48 -175.94
ASTORIA_GT_8 24108	112.22 8.14 -9.92	113.36 7.61 -6.24	123.79 6.67 -34.67	135.49 2.51 -100.61	131.91 2.51 -97.27	145.57 1.99 -114.56	144.23 4.41 -83.74	152.60 2.32 -121.11	141.53 2.48 -108.18	98.77 3.05 -60.81	127.18 3.05 -90.22	113.14 3.01 -76.27	123.34 2.55 -91.82	126.03 2.63 -94.13	116.77 2.82 -82.85	132.84 2.62 -100.33	140.94 2.38 -110.64	165.27 2.99 -126.23	147.47 3.10 -108.46	141.69 2.42 -111.23	136.02 2.32 -107.02	125.72 2.22 -97.99	149.90 1.88 -126.18	169.54 -0.48 -175.94
ASTORIA___2 24149	112.05 7.97 -9.92	113.16 7.41 -6.24	123.63 6.51 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.51 1.93 -114.56	144.11 4.29 -83.74	152.53 2.25 -121.11	141.47 2.41 -108.18	98.68 2.95 -60.81	127.12 2.99 -90.22	113.07 2.94 -76.27	123.28 2.49 -91.82	125.96 2.57 -94.13	116.70 2.75 -82.85	132.78 2.56 -100.33	140.88 2.32 -110.64	165.18 2.90 -126.23	147.39 3.02 -108.46	141.62 2.35 -111.23	135.96 2.26 -107.02	125.67 2.17 -97.99	149.86 1.83 -126.18	169.55 -0.47 -175.94
ASTORIA___3 23516	112.38 8.30 -9.92	113.78 8.04 -6.24	123.82 6.70 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.30 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.83 3.03 -121.70	161.92 2.84 -129.18	160.08 2.58 -129.58	169.69 3.29 -130.35	147.68 3.31 -108.46	141.80 2.53 -111.23	136.10 2.40 -107.02	125.81 2.31 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
ASTORIA___4 23517	112.38 8.31 -9.92	113.79 8.04 -6.24	123.81 6.69 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.31 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.84 3.03 -121.70	161.91 2.83 -129.18	160.08 2.58 -129.58	169.70 3.29 -130.35	147.68 3.32 -108.46	141.80 2.52 -111.23	136.09 2.40 -107.02	125.81 2.31 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
ASTORIA___5 23518	112.38 8.30 -9.92	113.78 8.04 -6.24	123.82 6.70 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.30 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.83 3.03 -121.70	161.92 2.84 -129.18	160.08 2.58 -129.58	169.69 3.29 -130.35	147.68 3.31 -108.46	141.80 2.53 -111.23	136.10 2.40 -107.02	125.82 2.32 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
AST_ENERGY_2_CC3 323677	111.71 7.63 -9.92	113.16 7.42 -6.24	123.22 6.10 -34.67	135.31 2.34 -100.61	131.72 2.33 -97.26	145.41 1.83 -114.55	143.81 3.99 -83.72	152.41 2.15 -121.11	141.34 2.31 -108.17	98.60 2.89 -60.79	127.01 2.88 -90.23	113.06 2.94 -76.26	123.32 2.54 -91.81	126.04 2.65 -94.12	116.79 2.84 -82.84	132.86 2.65 -100.33	140.95 2.39 -110.64	165.26 2.99 -126.22	147.40 3.04 -108.44	141.59 2.33 -111.22	135.89 2.21 -107.01	125.62 2.14 -97.98	149.83 1.81 -126.16	169.54 -0.46 -175.92
AST_ENERGY_2_CC4 323678	111.71 7.63 -9.92	113.16 7.42 -6.24	123.22 6.10 -34.67	135.31 2.34 -100.61	131.72 2.33 -97.26	145.41 1.83 -114.55	143.81 3.99 -83.72	152.41 2.15 -121.11	141.34 2.31 -108.17	98.60 2.89 -60.79	127.01 2.88 -90.23	113.06 2.94 -76.26	123.32 2.54 -91.81	126.04 2.65 -94.12	116.79 2.84 -82.84	132.86 2.65 -100.33	140.95 2.39 -110.64	165.26 2.99 -126.22	147.40 3.04 -108.44	141.59 2.33 -111.22	135.89 2.21 -107.01	125.62 2.14 -97.98	149.83 1.81 -126.16	169.54 -0.46 -175.92

ATHENS_STG_1 23668	108.98 4.76 -10.06	110.23 4.78 -5.95	125.68 4.01 -39.22	150.88 1.58 -116.94	146.73 1.56 -113.05	163.26 1.09 -133.15	155.66 2.25 -97.32	171.10 1.18 -140.77	157.86 1.26 -125.73	107.93 1.47 -71.55	140.79 1.43 -105.46	125.58 1.45 -90.26	137.17 1.22 -106.97	144.19 1.25 -113.67	129.37 1.33 -96.93	148.28 1.26 -117.13	157.68 1.16 -128.60	185.63 1.47 -148.11	165.70 1.47 -128.31	160.12 1.16 -130.93	152.16 1.10 -124.38	140.46 1.06 -113.88	169.41 0.91 -146.65	198.33 -0.24 -204.48
ATHENS_STG_2 23670	108.98 4.76 -10.06	110.23 4.78 -5.95	125.68 4.01 -39.22	150.88 1.58 -116.94	146.73 1.56 -113.05	163.26 1.09 -133.15	155.66 2.25 -97.32	171.10 1.18 -140.77	157.86 1.26 -125.73	107.93 1.47 -71.55	140.79 1.43 -105.46	125.58 1.45 -90.26	137.17 1.22 -106.97	144.19 1.25 -113.67	129.37 1.33 -96.93	148.28 1.26 -117.13	157.68 1.16 -128.60	185.63 1.47 -148.11	165.70 1.47 -128.31	160.12 1.16 -130.93	152.16 1.10 -124.38	140.46 1.06 -113.88	169.41 0.91 -146.65	198.33 -0.24 -204.48
ATHENS_STG_3 23677	108.98 4.76 -10.06	110.23 4.78 -5.95	125.68 4.01 -39.22	150.88 1.58 -116.94	146.73 1.56 -113.05	163.26 1.09 -133.15	155.66 2.25 -97.32	171.10 1.18 -140.77	157.86 1.26 -125.73	107.93 1.47 -71.55	140.79 1.43 -105.46	125.58 1.45 -90.26	137.17 1.22 -106.97	144.19 1.25 -113.67	129.37 1.33 -96.93	148.28 1.26 -117.13	157.68 1.16 -128.60	185.63 1.47 -148.11	165.70 1.47 -128.31	160.12 1.16 -130.93	152.16 1.10 -124.38	140.46 1.06 -113.88	169.41 0.91 -146.65	198.33 -0.24 -204.48
AUBURN___LFGE 323710	97.31 1.73 -1.42	101.80 1.59 -0.70	88.10 0.84 -4.81	46.55 0.33 -13.86	45.95 0.43 -13.39	45.51 0.23 -16.26	68.50 0.16 -12.26	46.91 0.02 -17.73	46.75 0.04 -15.84	43.68 0.15 -8.62	46.95 0.03 -13.02	44.52 0.01 -10.64	42.40 0.07 -13.36	41.79 0.11 -12.41	43.18 0.16 -11.92	44.59 0.18 -14.52	44.25 0.13 -16.20	54.34 0.25 -18.03	51.33 0.27 -15.15	44.01 0.21 -15.76	42.42 0.08 -15.67	39.92 0.06 -14.34	40.29 -0.03 -18.47	19.84 0.00 -25.75
BABYLON_RES_REC 323704	114.54 10.46 -9.92	115.92 10.17 -6.24	125.22 8.09 -34.68	136.04 3.05 -100.63	132.58 3.17 -97.28	146.34 2.74 -114.58	145.62 5.79 -83.74	153.27 2.97 -121.13	142.28 3.22 -108.19	99.47 3.74 -60.81	127.82 3.67 -90.25	113.72 3.58 -76.28	123.68 2.88 -91.83	126.17 2.76 -94.14	117.01 3.05 -82.86	133.24 3.00 -100.35	141.33 2.74 -110.67	165.70 3.40 -126.25	148.06 3.68 -108.47	144.29 2.83 -113.42	153.24 2.64 -123.91	132.51 2.58 -104.42	150.22 2.17 -126.19	169.45 -0.60 -175.96
BABYLON__69_KV_BK2 356345	115.85 11.77 -9.92	117.19 11.45 -6.24	126.23 9.10 -34.68	136.43 3.44 -100.63	132.98 3.57 -97.28	146.73 3.13 -114.58	146.37 6.54 -83.74	153.65 3.36 -121.13	142.67 3.61 -108.19	99.90 4.18 -60.81	128.21 4.06 -90.25	114.10 3.96 -76.28	124.02 3.22 -91.83	126.66 3.25 -94.14	117.61 3.65 -82.86	133.89 3.65 -100.35	142.03 3.45 -110.67	166.60 4.30 -126.25	149.00 4.62 -108.47	145.06 3.52 -113.50	153.92 3.31 -123.92	133.07 3.13 -104.42	150.65 2.61 -126.19	169.37 -0.67 -175.96
BALL_HILL_WT_PWR 323825	91.13 -4.87 -1.84	94.89 -5.53 -0.91	82.82 -5.85 -6.23	47.97 -2.30 -17.91	47.25 -2.20 -17.31	47.57 -1.93 -20.47	66.63 -4.46 -15.01	48.17 -2.71 -21.71	47.59 -2.74 -19.46	42.21 -3.32 -10.61	45.25 -3.66 -15.00	43.10 -3.87 -13.11	42.01 -3.41 -16.45	41.19 -3.32 -15.24	42.26 -3.44 -14.61	44.46 -3.21 -17.79	44.59 -3.17 -19.84	54.27 -3.87 -22.09	50.78 -3.69 -18.56	44.21 -2.84 -19.01	43.13 -2.74 -19.19	40.22 -2.85 -17.57	42.11 -2.36 -22.62	26.26 0.63 -31.54
BARON_WINDS___WT_PWR 323822	93.58 -3.11 -2.53	97.35 -3.79 -1.64	86.57 -4.28 -8.41	54.76 -1.64 -24.04	53.87 -1.49 -23.24	55.03 -1.41 -27.43	73.01 -3.15 -20.08	56.28 -1.92 -29.04	54.77 -2.04 -25.94	46.55 -2.49 -14.12	47.07 -2.62 -15.78	48.68 -2.62 -17.44	48.60 -2.26 -21.88	47.51 -2.11 -20.35	48.67 -1.97 -19.53	51.84 -1.85 -23.79	52.64 -1.81 -26.53	63.47 -2.12 -29.54	58.66 -2.08 -24.82	52.37 -1.64 -25.96	50.81 -1.54 -25.66	47.45 -1.56 -23.50	50.83 -1.28 -30.25	36.64 0.37 -42.19
BARRETT_IC_1 23704	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_10 23701	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	106.60 2.61 -75.95	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_11 23702	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	106.60 2.61 -75.95	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_12 23703	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	106.60 2.61 -75.95	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_2 23705	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_3 23706	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_4 23707	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96

BARRETT_IC_5 23708	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_6 23709	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_7 23710	113.24 9.16 -9.92	114.62 8.87 -6.24	124.20 7.07 -34.68	135.68 2.69 -100.63	132.19 2.78 -97.28	145.92 2.32 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.75 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.26 -76.28	123.40 2.60 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.08 2.84 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.10	152.91 2.51 -123.72	132.36 2.43 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_8 23711	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT_IC_9 23700	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	106.60 2.61 -75.95	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT___1 23545	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	144.75 2.61 -114.11	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BARRETT___2 23546	113.25 9.17 -9.92	114.63 8.88 -6.24	124.21 7.08 -34.68	135.69 2.70 -100.63	132.18 2.77 -97.28	145.93 2.33 -114.58	144.74 4.91 -83.74	152.84 2.55 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.42 3.27 -90.25	113.41 3.27 -76.28	123.41 2.61 -91.83	126.05 2.64 -94.14	116.90 2.93 -82.86	133.09 2.85 -100.35	141.16 2.58 -110.67	165.38 3.08 -126.25	147.71 3.33 -108.47	106.60 2.61 -75.95	152.91 2.51 -123.72	132.36 2.44 -104.42	150.09 2.05 -126.19	169.53 -0.52 -175.96
BATAVIA___115KV_TB1 55881	92.26 -3.45 -1.55	96.31 -3.97 -0.77	83.62 -4.13 -5.30	46.04 -1.62 -15.30	45.45 -1.48 -14.79	45.33 -1.22 -17.53	66.08 -2.88 -12.88	45.89 -1.89 -18.63	45.61 -1.89 -16.64	41.60 -2.37 -9.05	44.39 -2.65 -13.14	42.15 -2.90 -11.18	40.42 -2.58 -14.03	39.83 -2.48 -13.04	41.12 -2.51 -12.53	42.82 -2.33 -15.25	42.70 -2.23 -17.01	52.33 -2.66 -18.94	49.34 -2.49 -15.92	42.68 -1.91 -16.55	41.26 -1.88 -16.45	38.54 -2.04 -15.07	39.49 -1.76 -19.40	21.61 0.47 -27.05
BAYONEEC___CTG1 323682	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG10 323750	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG2 323683	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG3 323684	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG4 323685	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG5 323686	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG6 323687	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92

BAYONEEC___CTG7 323688	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG8 323689	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BAYONEEC___CTG9 323749	111.85 7.78 -9.92	113.33 7.59 -6.24	123.36 6.24 -34.67	135.36 2.40 -100.61	131.79 2.40 -97.26	145.49 1.92 -114.55	143.96 4.16 -83.72	152.49 2.22 -121.11	141.41 2.38 -108.17	98.67 2.96 -60.79	127.12 2.99 -90.23	113.16 3.04 -76.26	123.38 2.60 -91.81	126.06 2.68 -94.12	116.81 2.86 -82.84	132.87 2.65 -100.33	140.97 2.40 -110.64	165.21 3.03 -126.13	144.85 3.05 -105.88	137.88 2.33 -107.50	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BEACON___LESR 323632	125.55 5.90 -25.48	125.09 6.24 -19.34	141.95 5.01 -54.48	165.48 1.79 -131.34	160.83 1.73 -126.97	179.67 1.10 -149.54	167.65 2.26 -109.30	186.34 1.16 -156.02	168.58 1.18 -136.53	112.01 1.32 -75.78	150.48 1.21 -115.36	127.99 1.15 -92.97	147.32 1.00 -117.35	133.49 1.06 -103.16	137.80 1.10 -105.59	159.91 1.11 -128.90	173.52 1.16 -144.45	196.73 1.49 -159.18	169.69 1.30 -132.48	167.69 1.05 -138.61	167.35 0.97 -139.70	154.37 0.95 -127.91	187.38 0.82 -164.71	223.46 -0.29 -229.67
BEAVER RIVER___HYD 24048	93.13 -1.03 0.00	97.67 -1.84 0.00	81.61 -1.89 -1.05	35.31 -0.90 -3.85	33.97 -0.94 -2.77	13.69 -1.54 13.80	34.60 -2.43 19.05	20.21 -1.14 7.81	19.35 -1.20 10.32	18.98 -1.44 14.49	16.02 -1.57 16.32	19.65 -1.64 12.58	16.61 -1.44 10.92	12.88 -1.59 14.80	-21.01 -1.59 50.51	6.71 -1.45 21.73	26.84 -1.04 0.04	40.20 -1.09 -5.24	39.10 -1.18 -4.37	31.51 -1.09 -4.56	17.97 -1.09 7.63	15.72 -1.03 8.76	14.14 -1.03 6.69	-3.10 0.28 -2.54
BEEBEE_GT_13 23619	90.88 -3.28 0.00	95.72 -3.79 0.00	82.38 -3.64 -3.58	44.17 -1.35 -13.15	43.60 -1.25 -12.72	43.03 -1.09 -15.10	64.63 -2.57 -11.11	43.70 -1.53 -16.08	43.68 -1.55 -14.36	40.84 -1.89 -7.81	43.70 -2.01 -11.81	41.39 -2.12 -9.65	39.21 -1.87 -12.11	38.71 -1.81 -11.25	40.02 -1.89 -10.81	41.29 -1.77 -13.17	40.89 -1.71 -14.69	50.30 -2.10 -16.35	47.67 -1.98 -13.73	40.81 -1.52 -14.29	39.42 -1.47 -14.21	36.96 -1.56 -13.01	37.25 -1.35 -16.75	17.80 0.36 -23.35
BENSHRST_27_KV_BENSHRST_1 355998	113.48 9.40 -9.92	114.91 9.17 -6.24	124.70 7.58 -34.67	135.89 2.91 -100.61	132.33 2.93 -97.27	146.00 2.42 -114.56	144.93 5.10 -83.74	168.01 2.70 -136.16	282.87 2.91 -249.09	235.78 3.55 -197.33	252.53 3.50 -215.12	243.68 3.54 -206.28	253.99 3.02 -222.00	260.87 3.11 -228.49	260.70 3.33 -226.27	272.99 3.12 -239.98	319.62 2.87 -288.84	267.35 3.68 -227.61	270.40 3.74 -230.74	274.13 2.87 -243.23	282.02 2.76 -252.58	326.00 2.65 -297.84	207.18 2.23 -183.10	169.45 -0.57 -175.94
BETHLEHEM___GRP 23843	123.39 3.81 -25.42	122.80 4.02 -19.27	140.22 3.30 -54.47	164.92 1.10 -131.46	160.22 1.00 -127.09	179.07 0.36 -149.69	166.20 0.71 -109.41	185.76 0.38 -156.22	168.03 0.39 -136.78	111.18 0.42 -75.84	149.77 0.40 -115.46	127.30 0.40 -93.04	146.80 0.33 -117.50	132.89 0.36 -103.27	137.15 0.37 -105.68	159.26 0.35 -129.02	172.85 0.36 -144.58	195.80 0.43 -159.32	168.88 0.39 -132.58	167.05 0.30 -138.71	166.79 0.28 -139.83	153.84 0.30 -128.03	187.00 0.28 -164.87	223.80 -0.17 -229.89
BETHLEHEM___GS1 323560	123.39 3.81 -25.42	122.80 4.02 -19.27	140.21 3.29 -54.47	164.92 1.10 -131.46	160.22 1.00 -127.09	179.07 0.36 -149.69	166.20 0.71 -109.41	185.76 0.38 -156.22	168.03 0.39 -136.78	111.18 0.42 -75.84	149.77 0.40 -115.46	127.31 0.41 -93.04	146.80 0.33 -117.50	132.89 0.36 -103.27	137.15 0.37 -105.68	159.26 0.35 -129.02	172.85 0.35 -144.58	195.80 0.43 -159.32	168.88 0.39 -132.58	167.05 0.30 -138.71	166.79 0.27 -139.83	153.85 0.31 -128.03	186.99 0.28 -164.87	223.80 -0.16 -229.89
BETHLEHEM___GS2 323561	123.39 3.81 -25.42	122.80 4.02 -19.27	140.21 3.29 -54.47	164.92 1.10 -131.46	160.22 1.00 -127.09	179.07 0.36 -149.69	166.20 0.71 -109.41	185.76 0.38 -156.22	168.03 0.39 -136.78	111.18 0.42 -75.84	149.77 0.40 -115.46	127.31 0.41 -93.04	146.80 0.33 -117.50	132.89 0.36 -103.27	137.15 0.37 -105.68	159.26 0.35 -129.02	172.85 0.35 -144.58	195.80 0.43 -159.32	168.88 0.39 -132.58	167.05 0.30 -138.71	166.79 0.27 -139.83	153.85 0.31 -128.03	186.99 0.28 -164.87	223.80 -0.16 -229.89
BETHLEHEM___GS3 323562	123.39 3.81 -25.42	122.80 4.02 -19.27	140.21 3.29 -54.47	164.92 1.10 -131.46	160.22 1.00 -127.09	179.07 0.36 -149.69	166.20 0.71 -109.41	185.76 0.38 -156.22	168.03 0.39 -136.78	111.18 0.42 -75.84	149.77 0.40 -115.46	127.31 0.41 -93.04	146.80 0.33 -117.50	132.89 0.36 -103.27	137.15 0.37 -105.68	159.26 0.35 -129.02	172.85 0.35 -144.58	195.80 0.43 -159.32	168.88 0.39 -132.58	167.05 0.30 -138.71	166.79 0.27 -139.83	153.85 0.31 -128.03	186.99 0.28 -164.87	223.80 -0.16 -229.89
BETHLEHEM___STEEL 23779	91.26 -4.74 -1.84	94.98 -5.44 -0.91	83.12 -5.55 -6.22	48.10 -2.14 -17.88	47.37 -2.05 -17.29	47.69 -1.78 -20.45	66.81 -4.27 -14.99	48.17 -2.67 -21.69	47.50 -2.74 -19.37	42.11 -3.35 -10.54	45.23 -3.60 -14.93	43.11 -3.78 -13.02	41.99 -3.32 -16.34	41.25 -3.21 -15.19	42.39 -3.29 -14.58	44.56 -3.09 -17.76	44.69 -3.04 -19.81	54.33 -3.78 -22.05	50.85 -3.59 -18.53	44.58 -2.73 -19.27	43.22 -2.63 -19.16	40.33 -2.72 -17.54	42.15 -2.29 -22.59	26.19 0.61 -31.50
BETHLHEM_115KV_TB1 79974	122.50 3.82 -24.52	122.00 4.02 -18.47	139.52 3.29 -53.77	164.85 1.14 -131.35	160.16 1.06 -126.98	179.02 0.44 -149.56	166.26 0.86 -109.32	185.85 0.46 -156.23	168.33 0.48 -136.98	111.21 0.53 -75.77	149.78 0.52 -115.36	127.31 0.51 -92.94	146.88 0.42 -117.50	133.00 0.44 -103.29	137.15 0.46 -105.59	159.23 0.44 -128.90	172.82 0.44 -144.46	195.75 0.54 -159.16	168.85 0.50 -132.43	166.99 0.39 -138.57	166.75 0.36 -139.71	153.81 0.38 -127.92	186.92 0.34 -164.73	223.61 -0.17 -229.69
BETHPAGE_CC_5 323564	113.67 9.59 -9.92	115.08 9.34 -6.24	124.53 7.40 -34.68	135.78 2.79 -100.63	132.29 2.88 -97.28	146.06 2.46 -114.58	145.01 5.18 -83.74	152.98 2.69 -121.13	141.97 2.91 -108.19	99.14 3.41 -60.81	127.52 3.37 -90.25	113.45 3.31 -76.28	123.48 2.68 -91.83	126.14 2.73 -94.14	117.00 3.04 -82.86	133.24 3.00 -100.35	141.37 2.78 -110.67	165.73 3.43 -126.25	148.04 3.66 -108.47	144.02 2.84 -113.14	153.23 2.66 -123.89	132.46 2.53 -104.42	150.16 2.12 -126.19	169.50 -0.54 -175.96
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	91.81 -4.22 -1.87	95.53 -4.91 -0.93	83.65 -5.11 -6.31	48.52 -1.98 -18.14	47.78 -1.89 -17.53	48.13 -1.63 -20.73	67.30 -3.98 -15.20	48.64 -2.50 -21.98	47.94 -2.56 -19.64	42.46 -3.14 -10.69	45.72 -3.39 -15.21	43.50 -3.57 -13.20	42.40 -3.14 -16.57	41.65 -3.02 -15.40	42.79 -3.10 -14.79	44.99 -2.91 -18.01	45.15 -2.85 -20.08	54.87 -3.55 -22.36	51.31 -3.39 -18.79	45.01 -2.57 -19.54	43.62 -2.48 -19.42	40.71 -2.59 -17.79	42.58 -2.17 -22.90	26.60 0.58 -31.94

BINGHAMTON___COGEN 23790	98.31 0.24 -3.92	102.07 0.02 -2.55	94.42 -0.38 -12.35	67.05 -0.09 -34.79	65.74 -0.02 -33.63	68.49 -0.13 -39.60	84.79 -0.21 -28.92	70.78 -0.21 -41.83	68.02 -0.22 -37.37	55.02 -0.23 -20.34	64.37 -0.27 -30.73	58.71 -0.28 -25.13	60.28 -0.21 -31.52	58.42 -0.18 -29.32	59.18 -0.06 -28.14	64.12 -0.04 -34.27	66.01 -0.12 -38.22	78.53 -0.09 -42.56	71.53 -0.15 -35.77	65.10 -0.13 -37.19	63.53 -0.12 -36.96	59.18 -0.18 -33.84	65.30 -0.13 -43.58	54.90 0.05 -60.77
BIXINCNT_115KV_LOAD 355685	93.92 -2.24 -2.00	96.97 -3.53 -0.99	85.06 -4.11 -6.72	50.10 -1.55 -19.28	49.19 -1.58 -18.64	49.64 -1.41 -22.03	68.88 -3.35 -16.14	50.37 -2.14 -23.35	49.48 -2.25 -20.86	43.49 -2.78 -11.36	47.49 -2.96 -16.55	44.84 -3.06 -14.03	43.83 -2.75 -17.60	42.94 -2.69 -16.36	43.93 -2.88 -15.71	46.32 -2.70 -19.13	46.73 -2.52 -21.33	56.55 -3.26 -23.75	52.57 -3.30 -19.96	46.44 -2.35 -20.75	44.90 -2.41 -20.63	41.86 -2.54 -18.89	44.02 -2.15 -24.33	28.56 0.56 -33.92
BLACK RIVER___HYD 24047	94.06 -0.10 0.00	98.55 -0.97 0.00	82.59 -1.31 -1.44	36.99 -0.67 -5.29	35.92 -0.66 -4.46	21.37 -1.09 6.57	43.62 -1.46 11.01	26.37 -0.58 2.21	25.93 -0.64 4.30	25.53 -0.85 8.54	23.86 -1.08 8.97	25.76 -1.26 6.85	22.65 -1.15 5.17	19.92 -1.27 8.09	-2.79 -1.29 32.60	16.47 -1.06 12.36	30.28 -0.61 -2.97	42.57 -0.38 -6.90	41.14 -0.53 -5.76	33.52 -0.54 -6.01	23.71 -0.52 2.46	21.47 -0.56 3.48	19.88 -0.67 1.29	0.74 0.20 -6.46
BLACKRVR_115KV_TB2 79977	94.07 -0.09 0.00	98.54 -0.96 0.00	82.59 -1.31 -1.44	36.99 -0.67 -5.29	35.92 -0.66 -4.46	21.37 -1.08 6.57	43.61 -1.46 11.01	26.37 -0.58 2.21	25.93 -0.64 4.30	25.53 -0.85 8.54	23.86 -1.08 8.97	25.76 -1.25 6.85	22.65 -1.15 5.17	19.91 -1.27 8.09	-2.78 -1.29 32.60	16.48 -1.06 12.36	30.28 -0.61 -2.97	42.57 -0.38 -6.90	41.13 -0.53 -5.76	33.52 -0.54 -6.01	23.71 -0.51 2.46	21.47 -0.55 3.48	19.88 -0.67 1.29	0.74 0.20 -6.46
BLISS_WT_PWR 323608	93.94 -2.21 -2.00	96.82 -3.68 -0.99	84.94 -4.22 -6.72	50.06 -1.58 -19.28	49.12 -1.65 -18.64	49.55 -1.50 -22.03	68.77 -3.46 -16.14	50.32 -2.19 -23.35	49.41 -2.32 -20.86	43.42 -2.85 -11.36	47.34 -3.11 -16.55	44.69 -3.20 -14.03	43.67 -2.91 -17.60	42.78 -2.85 -16.36	43.73 -3.08 -15.71	46.12 -2.90 -19.13	46.58 -2.67 -21.33	56.37 -3.44 -23.75	52.38 -3.49 -19.96	45.92 -2.47 -20.35	44.75 -2.56 -20.63	41.69 -2.71 -18.89	43.86 -2.31 -24.33	28.60 0.59 -33.92
BLUESTONE___WT_PWR 323821	100.86 0.98 -5.72	104.65 1.19 -3.95	97.55 0.73 -14.36	69.78 0.10 -37.32	68.28 0.08 -36.07	71.45 -0.08 -42.50	87.32 0.18 -31.06	74.15 0.06 -44.94	71.06 0.06 -40.14	56.81 0.04 -21.85	66.83 -0.09 -33.01	60.64 -0.23 -26.99	62.62 -0.21 -33.86	60.61 -0.17 -31.51	61.32 -0.01 -30.23	66.71 0.01 -36.81	68.97 0.00 -41.05	81.94 0.17 -45.71	74.43 0.10 -38.42	68.06 0.02 -40.01	66.34 -0.05 -39.70	61.73 -0.14 -36.35	68.48 -0.18 -46.81	59.44 0.08 -65.27
BLUE_CIRC_CHEM_DRP 24182	118.94 4.14 -20.65	118.97 4.38 -15.08	136.37 3.65 -50.27	162.66 1.35 -128.95	158.09 1.31 -124.65	176.61 0.77 -146.82	164.88 1.48 -107.31	183.80 0.73 -153.91	167.31 0.75 -135.70	110.19 0.78 -74.49	147.95 0.71 -113.34	125.93 0.63 -91.43	145.28 0.56 -115.76	132.39 0.57 -102.55	135.44 0.62 -103.72	157.14 0.65 -126.60	170.39 0.66 -141.81	193.28 0.82 -156.40	166.92 0.76 -130.26	164.84 0.59 -136.22	164.38 0.55 -137.15	151.65 0.57 -125.58	184.07 0.51 -161.71	219.39 -0.18 -225.48
BOC_GAS_DRP 24189	117.23 3.56 -19.51	117.20 3.66 -14.03	135.42 3.04 -49.93	164.24 1.14 -130.74	159.63 1.11 -126.38	178.51 0.63 -148.86	166.14 1.25 -108.81	186.08 0.64 -156.28	169.66 0.69 -138.10	111.05 0.78 -75.36	149.46 0.76 -114.81	127.02 0.76 -92.39	147.09 0.64 -117.47	133.33 0.66 -103.41	136.83 0.69 -105.04	158.80 0.66 -128.25	172.32 0.61 -143.78	195.11 0.76 -158.29	168.26 0.74 -131.61	166.40 0.58 -137.78	166.29 0.54 -139.06	153.39 0.55 -127.33	186.29 0.48 -163.96	222.54 -0.16 -228.62
BOONVILLE_115KV_TB1 79983	96.13 1.97 0.00	101.20 1.70 0.00	84.54 1.17 -0.93	36.16 0.40 -3.40	35.49 0.40 -2.96	28.99 0.06 0.09	52.96 0.41 3.54	29.31 0.26 0.11	29.90 0.29 1.26	31.43 0.30 3.78	32.65 0.21 1.47	31.20 0.16 2.83	27.24 0.10 1.83	28.54 0.06 0.78	47.69 0.17 -16.42	35.17 0.18 -5.10	34.25 0.31 -6.03	40.98 0.48 -4.45	40.04 0.42 -3.70	32.15 0.24 -3.87	26.53 0.20 0.35	24.75 0.18 0.94	22.30 0.06 -0.39	-1.26 0.00 -4.66
BORALEX_4TH_BRANCH 23824	135.86 7.63 -34.08	134.36 7.86 -26.99	149.54 6.44 -60.65	165.59 2.49 -130.74	161.00 2.48 -126.39	179.80 1.92 -148.86	168.45 3.55 -108.81	192.11 1.84 -161.11	181.68 1.95 -148.87	112.95 2.02 -76.01	151.27 1.95 -115.42	129.34 2.00 -93.47	151.71 1.68 -121.06	142.44 1.63 -111.54	138.15 1.69 -105.35	159.99 1.58 -128.51	173.17 1.47 -143.79	197.02 1.97 -158.99	170.47 1.82 -132.74	168.06 1.42 -138.60	167.17 1.43 -139.07	154.26 1.42 -127.33	187.04 1.23 -163.96	222.40 -0.31 -228.63
BOWLINE___1 23526	110.58 6.80 -9.62	112.23 6.67 -6.05	121.54 5.48 -33.61	131.99 2.11 -97.51	128.52 2.12 -94.27	141.77 1.72 -111.03	140.91 3.68 -81.15	148.47 1.93 -117.38	137.76 2.05 -104.84	96.29 2.51 -58.87	123.83 2.51 -87.41	110.20 2.52 -73.82	120.09 2.14 -88.97	122.45 2.21 -90.97	113.71 2.35 -80.26	129.31 2.21 -97.21	137.19 2.03 -107.24	160.96 2.65 -122.25	143.54 2.66 -104.97	137.77 2.03 -107.70	132.33 1.93 -103.72	122.32 1.84 -94.96	145.70 1.56 -122.29	164.20 -0.40 -170.51
BOWLINE___2 23595	110.44 6.65 -9.62	112.08 6.52 -6.05	121.41 5.35 -33.61	131.95 2.07 -97.52	128.49 2.09 -94.28	141.74 1.67 -111.04	140.85 3.61 -81.16	148.44 1.89 -117.39	137.73 2.01 -104.85	96.26 2.47 -58.88	123.79 2.46 -87.42	110.16 2.47 -73.82	120.05 2.11 -88.98	122.42 2.17 -90.98	113.67 2.31 -80.27	129.28 2.17 -97.22	137.16 2.00 -107.25	160.91 2.59 -122.26	143.50 2.61 -104.98	137.75 2.00 -107.71	132.30 1.89 -103.73	122.29 1.80 -94.97	145.68 1.53 -122.30	164.23 -0.38 -170.53
BRADY___115KV_TB2 356060	92.85 -1.31 0.00	98.42 -1.09 0.00	81.72 -0.73 0.00	31.93 -0.43 0.00	28.63 -0.62 2.88	-20.73 -2.70 47.05	-11.77 -4.49 63.37	-10.66 -2.28 37.53	-15.15 -2.23 43.79	-18.58 -2.46 51.03	-20.66 -2.63 51.93	-15.26 -2.50 46.63	-16.81 -2.08 43.71	-18.42 -2.25 45.43	-21.99 -2.29 50.80	-13.00 -2.13 40.76	26.62 -1.70 -0.40	36.42 -2.07 -2.43	35.80 -2.14 -2.02	28.17 -1.98 -2.12	-10.87 -2.16 35.39	-14.37 -2.02 37.85	-14.44 -1.65 34.64	-17.40 0.39 11.87
BRANSCOMB___SOLAR 323811	144.35 7.07 -43.12	141.82 7.35 -34.96	156.98 6.08 -68.45	169.69 2.37 -134.95	164.90 2.31 -130.46	184.45 1.77 -153.66	171.80 3.40 -112.31	196.15 1.75 -165.24	183.98 1.83 -151.28	115.01 1.90 -78.20	154.52 1.68 -118.93	131.52 1.65 -96.01	154.47 1.36 -124.14	143.32 1.37 -112.68	141.18 1.50 -108.58	163.92 1.51 -132.52	177.84 1.50 -148.42	201.83 2.03 -163.74	174.30 1.97 -136.42	172.18 1.52 -142.63	171.66 1.44 -143.54	158.29 1.35 -131.43	192.23 1.13 -169.24	229.80 -0.27 -235.99
BRENTWOD_69_KV_W. BRTWOOD 56703	115.50 11.42 -9.92	116.83 11.09 -6.24	125.93 8.80 -34.68	136.31 3.31 -100.63	132.86 3.45 -97.28	146.61 3.01 -114.58	146.15 6.32 -83.74	153.50 3.21 -121.13	142.53 3.47 -108.19	99.76 4.04 -60.81	128.08 3.93 -90.25	113.99 3.85 -76.28	123.93 3.13 -91.83	126.59 3.18 -94.14	117.54 3.58 -82.86	133.82 3.58 -100.35	141.97 3.38 -110.67	166.43 4.12 -126.25	148.88 4.50 -108.47	145.15 3.41 -113.71	153.83 3.20 -123.94	132.97 3.03 -104.42	150.58 2.54 -126.19	169.40 -0.65 -175.96

BRISTLHL_115KV_TB1 79998	91.55 -2.61 0.00	96.68 -2.83 0.00	82.16 -2.47 -2.18	39.48 -0.88 -8.00	38.95 -0.84 -7.66	36.05 -0.78 -7.80	59.52 -1.61 -5.05	37.20 -0.82 -8.86	37.63 -0.88 -7.64	37.28 -1.01 -3.38	38.63 -0.97 -5.68	37.47 -0.97 -4.58	34.40 -0.82 -6.25	33.71 -0.84 -5.29	33.53 -0.92 -3.35	35.34 -0.89 -6.34	35.90 -0.84 -8.81	45.00 -1.08 -10.02	43.20 -1.07 -8.36	35.96 -0.82 -8.73	33.70 -0.75 -7.77	31.73 -0.75 -6.97	30.55 -0.65 -9.35	8.29 0.18 -14.02
BROOKHAVEN___DRP 24191	115.30 11.23 -9.92	116.56 10.81 -6.24	125.39 8.27 -34.68	136.02 3.03 -100.63	132.71 3.30 -97.28	146.49 2.89 -114.58	145.75 5.93 -83.74	153.18 2.88 -121.13	142.24 3.18 -108.19	99.38 3.66 -60.81	127.79 3.64 -90.25	113.67 3.52 -76.28	123.64 2.84 -91.83	126.31 2.90 -94.14	117.28 3.32 -82.86	133.66 3.41 -100.35	141.86 3.27 -110.67	166.36 4.06 -126.25	148.80 4.42 -108.47	145.14 3.28 -113.83	153.69 3.05 -123.95	132.85 2.92 -104.42	150.50 2.46 -126.19	169.42 -0.63 -175.96
BROOKLYN_NAVY_YARD 23515	111.81 7.73 -9.92	113.32 7.57 -6.24	123.33 6.22 -34.67	135.35 2.38 -100.61	131.78 2.39 -97.26	145.46 1.89 -114.55	143.93 4.12 -83.72	152.49 2.22 -121.11	141.44 2.41 -108.17	98.72 3.01 -60.79	127.07 2.94 -90.23	113.10 2.97 -76.26	123.33 2.55 -91.81	126.01 2.62 -94.12	116.75 2.80 -82.84	132.83 2.61 -100.33	140.93 2.37 -110.64	165.27 3.00 -126.22	147.40 3.05 -108.44	142.28 2.33 -111.91	135.89 2.21 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
BROOKLYN___ARMY_DRP 323595	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
BROOKVLE_69_KV_TB1 55790	113.67 9.59 -9.92	115.13 9.38 -6.24	124.69 7.57 -34.68	135.90 2.91 -100.63	132.37 2.96 -97.28	146.00 2.39 -114.58	144.92 5.09 -83.74	152.96 2.67 -121.13	141.93 2.87 -108.19	99.14 3.42 -60.81	127.53 3.38 -90.25	113.51 3.36 -76.28	123.58 2.77 -91.83	126.26 2.85 -94.14	117.09 3.12 -82.86	133.25 3.01 -100.35	141.38 2.79 -110.67	165.81 3.51 -126.25	148.02 3.65 -108.47	142.82 2.83 -111.95	153.12 2.66 -123.78	132.46 2.53 -104.42	150.17 2.12 -126.19	169.50 -0.54 -175.96
BROOME_2_LFGE 323671	98.31 0.23 -3.92	102.07 0.02 -2.55	94.43 -0.37 -12.35	67.06 -0.09 -34.79	65.74 -0.02 -33.63	68.49 -0.13 -39.60	84.79 -0.21 -28.92	70.78 -0.21 -41.83	68.02 -0.21 -37.37	55.02 -0.24 -20.34	64.37 -0.27 -30.73	58.71 -0.28 -25.13	60.27 -0.22 -31.52	58.42 -0.18 -29.32	59.17 -0.07 -28.14	64.11 -0.05 -34.27	66.01 -0.13 -38.22	78.52 -0.09 -42.56	71.53 -0.15 -35.77	65.17 -0.13 -37.26	63.53 -0.11 -36.96	59.18 -0.18 -33.84	65.30 -0.13 -43.58	54.90 0.05 -60.77
BROOME___LFGE 323600	98.31 0.23 -3.92	102.07 0.02 -2.55	94.43 -0.37 -12.35	67.06 -0.09 -34.79	65.74 -0.02 -33.63	68.49 -0.13 -39.60	84.79 -0.21 -28.92	70.78 -0.21 -41.83	68.02 -0.21 -37.37	55.02 -0.24 -20.34	64.37 -0.27 -30.73	58.71 -0.28 -25.13	60.27 -0.22 -31.52	58.42 -0.18 -29.32	59.17 -0.07 -28.14	64.11 -0.05 -34.27	66.01 -0.13 -38.22	78.52 -0.09 -42.56	71.53 -0.15 -35.77	65.17 -0.13 -37.26	63.53 -0.11 -36.96	59.18 -0.18 -33.84	65.30 -0.13 -43.58	54.90 0.05 -60.77
BROWNFLS_115KV_TB_3_5 80003	91.24 -2.91 0.00	96.09 -3.42 0.00	80.20 -2.99 -0.74	33.74 -1.33 -2.71	31.57 -1.44 -0.88	-0.54 -2.54 27.02	15.08 -4.33 36.67	7.39 -2.14 19.63	5.06 -2.18 23.63	3.43 -2.47 29.02	0.85 -2.58 30.48	5.18 -2.56 26.12	2.84 -2.18 23.95	-0.08 -2.37 26.98	-21.95 -2.42 50.63	-1.67 -2.27 29.29	26.22 -1.83 -0.14	38.00 -2.17 -4.12	37.10 -2.25 -3.44	29.66 -1.97 -3.59	5.99 -2.03 18.66	3.27 -1.91 20.32	2.37 -1.69 17.80	-8.67 0.43 3.19
BROWNSV1_27_KV_LOAD 356125	113.04 8.97 -9.92	114.55 8.81 -6.24	124.35 7.24 -34.67	135.74 2.77 -100.61	132.17 2.79 -97.26	145.85 2.28 -114.55	144.71 4.90 -83.72	152.89 2.63 -121.11	141.86 2.82 -108.17	99.18 3.47 -60.79	127.58 3.45 -90.23	113.62 3.50 -76.26	123.76 2.98 -91.81	126.46 3.07 -94.12	117.23 3.28 -82.84	133.29 3.07 -100.33	141.37 2.81 -110.64	165.86 3.59 -126.22	147.95 3.60 -108.44	142.03 2.77 -111.22	136.31 2.62 -107.01	126.00 2.52 -97.98	150.14 2.13 -126.16	169.47 -0.54 -175.92
BURROWS___LYONSDAL 23803	95.36 1.20 0.00	100.24 0.73 0.00	83.73 0.33 -0.95	35.89 0.04 -3.49	35.09 0.03 -2.93	25.32 -0.35 3.35	48.86 -0.33 6.90	27.43 -0.11 1.62	27.72 -0.11 3.04	28.86 -0.17 5.89	28.70 -0.25 4.95	28.83 -0.30 4.74	25.06 -0.30 3.62	24.72 -0.37 4.18	26.07 -0.29 4.74	26.86 -0.25 2.79	31.78 -0.06 -3.92	40.71 0.05 -4.60	39.75 0.00 -3.84	31.93 -0.12 -4.01	24.76 -0.14 1.78	22.90 -0.14 2.47	20.62 -0.23 1.00	-1.60 0.07 -4.25
CAITHNESS_CC_1 323624	115.00 10.92 -9.92	116.26 10.51 -6.24	125.25 8.13 -34.68	135.97 2.98 -100.63	132.63 3.22 -97.28	146.42 2.82 -114.58	145.65 5.82 -83.74	153.15 2.86 -121.13	142.20 3.14 -108.19	99.35 3.62 -60.81	127.74 3.59 -90.25	113.63 3.49 -76.28	123.62 2.81 -91.83	126.28 2.87 -94.14	117.24 3.27 -82.86	133.60 3.36 -100.35	141.77 3.18 -110.67	166.25 3.95 -126.25	148.67 4.29 -108.47	145.07 3.20 -113.83	153.63 2.99 -123.95	132.79 2.86 -104.42	150.44 2.39 -126.19	169.43 -0.61 -175.96
CALPINE BETH_PAGE_GT4 24209	113.58 9.50 -9.92	114.97 9.23 -6.24	124.45 7.33 -34.68	135.77 2.77 -100.63	132.27 2.86 -97.28	146.03 2.43 -114.58	144.99 5.16 -83.74	152.96 2.67 -121.13	141.94 2.88 -108.19	99.13 3.40 -60.81	127.50 3.35 -90.25	113.44 3.30 -76.28	123.47 2.67 -91.83	126.14 2.73 -94.14	117.00 3.04 -82.86	133.22 2.99 -100.35	141.35 2.77 -110.67	165.70 3.39 -126.25	147.99 3.61 -108.47	143.64 2.81 -112.79	153.16 2.62 -123.86	132.43 2.50 -104.42	150.14 2.10 -126.19	169.50 -0.54 -175.96
CALPINE_BETH_PAGE_GT_4 323586	113.57 9.50 -9.92	114.97 9.22 -6.24	124.46 7.33 -34.68	135.77 2.78 -100.63	132.28 2.87 -97.28	146.04 2.44 -114.58	145.00 5.17 -83.74	152.96 2.67 -121.13	141.95 2.88 -108.19	99.13 3.40 -60.81	127.51 3.36 -90.25	113.44 3.30 -76.28	123.48 2.67 -91.83	126.14 2.73 -94.14	117.00 3.04 -82.86	133.23 2.99 -100.35	141.35 2.77 -110.67	165.70 3.40 -126.25	147.98 3.61 -108.47	143.64 2.81 -112.79	153.16 2.62 -123.86	132.43 2.50 -104.42	150.14 2.09 -126.19	169.50 -0.54 -175.96
CALPINE_BP_GT1 23823	113.57 9.50 -9.92	114.97 9.22 -6.24	124.46 7.33 -34.68	135.77 2.78 -100.63	132.28 2.87 -97.28	146.04 2.44 -114.58	145.00 5.17 -83.74	152.96 2.67 -121.13	141.95 2.88 -108.19	99.13 3.40 -60.81	127.51 3.36 -90.25	113.44 3.30 -76.28	123.48 2.67 -91.83	126.14 2.73 -94.14	117.00 3.04 -82.86	133.23 2.99 -100.35	141.35 2.77 -110.67	165.70 3.40 -126.25	147.98 3.61 -108.47	143.64 2.81 -112.79	153.16 2.62 -123.86	132.43 2.50 -104.42	150.14 2.09 -126.19	169.50 -0.54 -175.96
CALSPAN___DRP 24200	91.26 -4.74 -1.84	94.98 -5.44 -0.91	83.12 -5.55 -6.22	48.10 -2.14 -17.88	47.37 -2.05 -17.29	47.69 -1.78 -20.45	66.81 -4.27 -14.99	48.17 -2.67 -21.69	47.50 -2.74 -19.37	42.11 -3.35 -10.54	45.23 -3.60 -14.93	43.11 -3.78 -13.02	41.99 -3.32 -16.34	41.25 -3.21 -15.19	42.39 -3.29 -14.58	44.56 -3.09 -17.76	44.69 -3.04 -19.81	54.33 -3.78 -22.05	50.85 -3.59 -18.53	44.58 -2.73 -19.27	43.22 -2.63 -19.16	40.33 -2.72 -17.54	42.15 -2.29 -22.59	26.19 0.61 -31.50

CALVERTON___SOLAR 323806	115.61 11.54 -9.92	116.85 11.10 -6.24	125.55 8.42 -34.68	136.06 3.07 -100.63	132.79 3.38 -97.28	146.58 2.99 -114.58	145.89 6.06 -83.74	153.20 2.91 -121.13	142.30 3.23 -108.19	99.41 3.68 -60.81	127.85 3.69 -90.25	113.71 3.57 -76.28	123.67 2.86 -91.83	126.34 2.93 -94.14	117.32 3.35 -82.86	133.72 3.48 -100.35	141.94 3.35 -110.67	166.46 4.16 -126.25	148.92 4.54 -108.47	145.23 3.36 -113.83	153.76 3.13 -123.95	132.91 2.98 -104.42	150.55 2.51 -126.19	169.41 -0.64 -175.96
CANDIGU_WT_PWR 323617	93.58 -3.11 -2.53	97.35 -3.79 -1.64	86.57 -4.28 -8.41	54.76 -1.64 -24.04	53.87 -1.49 -23.24	55.03 -1.41 -27.43	73.01 -3.15 -20.08	56.28 -1.92 -29.04	54.77 -2.04 -25.94	46.55 -2.49 -14.12	47.07 -2.62 -15.78	48.68 -2.62 -17.44	48.60 -2.26 -21.88	47.51 -2.11 -20.35	48.67 -1.97 -19.53	51.84 -1.85 -23.79	52.64 -1.81 -26.53	63.47 -2.12 -29.54	58.66 -2.08 -24.82	52.37 -1.64 -25.96	50.81 -1.54 -25.66	47.45 -1.56 -23.50	50.83 -1.28 -30.25	36.64 0.37 -42.19
CARR STREET_E_SYR 24060	92.95 -1.21 0.00	98.04 -1.47 0.00	83.79 -1.42 -2.76	42.04 -0.48 -10.16	41.46 -0.43 -9.76	39.31 -0.43 -10.72	62.47 -0.95 -7.33	40.36 -0.50 -11.70	40.58 -0.53 -10.24	39.31 -0.62 -5.01	41.42 -0.60 -8.11	39.78 -0.61 -6.52	36.96 -0.51 -8.50	36.57 -0.52 -7.82	38.24 -0.53 -7.67	38.87 -0.51 -9.48	38.88 -0.49 -11.44	48.18 -0.61 -12.74	46.00 -0.61 -10.70	38.70 -0.47 -11.13	36.53 -0.44 -10.29	34.36 -0.46 -9.31	33.72 -0.41 -12.28	12.08 0.12 -17.88
CARTHAGE___PAPER 23857	94.27 0.12 0.00	98.85 -0.65 0.00	82.77 -0.97 -1.29	36.55 -0.55 -4.74	35.36 -0.57 -3.81	18.54 -1.12 9.36	40.41 -1.55 14.12	24.12 -0.66 4.38	23.54 -0.70 6.63	23.17 -0.90 10.84	20.98 -1.11 11.81	23.55 -1.25 9.06	20.43 -1.14 7.39	17.32 -1.27 10.68	-9.67 -1.24 39.53	12.87 -1.04 15.98	29.12 -0.60 -1.81	41.86 -0.45 -6.26	40.56 -0.57 -5.22	32.90 -0.60 -5.45	21.62 -0.61 4.46	19.38 -0.60 5.52	17.78 -0.69 3.38	-0.78 0.20 -4.94
CASSADAGA_WT_PWR 323784	93.42 -2.68 -1.94	97.11 -3.36 -0.96	84.57 -4.41 -6.53	49.31 -1.80 -18.75	48.57 -1.69 -18.13	49.02 -1.43 -21.43	68.54 -3.26 -15.71	49.91 -1.97 -22.72	49.10 -2.11 -20.34	43.33 -2.68 -11.09	46.92 -3.04 -16.04	44.29 -3.28 -13.70	43.27 -2.89 -17.19	42.41 -2.79 -15.94	43.52 -2.87 -15.28	45.87 -2.63 -18.61	45.97 -2.71 -20.76	56.02 -3.15 -23.11	52.24 -3.10 -19.42	45.48 -2.40 -19.85	44.39 -2.37 -20.08	41.41 -2.48 -18.38	43.54 -1.98 -23.67	27.64 0.55 -33.01
CE_DUNWOOD___DRP 24194	111.68 7.62 -9.90	113.24 7.51 -6.22	123.20 6.15 -34.60	135.15 2.38 -100.41	131.57 2.37 -97.07	145.27 1.92 -114.33	143.77 4.12 -83.56	152.22 2.19 -120.87	141.16 2.33 -107.96	98.43 2.84 -60.67	126.76 2.81 -90.05	112.80 2.83 -76.11	123.00 2.39 -91.63	125.66 2.47 -93.92	116.42 2.64 -82.68	132.50 2.48 -100.13	140.63 2.29 -110.43	164.97 2.95 -125.97	147.10 2.97 -108.22	141.31 2.28 -111.00	135.63 2.15 -106.80	125.35 2.05 -97.79	149.52 1.75 -125.92	169.22 -0.44 -175.58
CE_MILLWOOD___DRP 24193	111.44 7.42 -9.86	113.01 7.30 -6.20	122.89 5.97 -34.47	134.71 2.31 -100.04	131.15 2.31 -96.70	144.79 1.86 -113.90	143.33 4.00 -83.25	151.69 2.11 -120.42	140.68 2.25 -107.56	98.09 2.73 -60.44	126.32 2.71 -89.71	112.40 2.72 -75.81	122.57 2.31 -91.29	125.19 2.38 -93.54	116.02 2.55 -82.37	132.04 2.39 -99.75	140.14 2.21 -110.01	164.39 2.84 -125.49	146.59 2.87 -107.80	140.81 2.20 -110.57	135.16 2.08 -106.40	124.93 1.99 -97.42	148.99 1.69 -125.45	168.58 -0.42 -174.92
CE_NYC2_DRP 24202	112.42 8.35 -9.92	113.87 8.12 -6.24	123.87 6.75 -34.67	135.55 2.57 -100.61	131.99 2.59 -97.27	145.68 2.10 -114.56	144.35 4.53 -83.74	152.70 2.42 -121.11	141.66 2.61 -108.18	100.91 3.21 -62.79	165.51 3.19 -128.42	169.35 3.25 -132.24	164.19 2.76 -132.46	156.27 2.85 -124.15	155.85 3.05 -121.70	161.93 2.85 -129.18	160.11 2.61 -129.58	169.70 3.30 -130.35	147.70 3.33 -108.46	141.81 2.53 -111.23	136.11 2.41 -107.02	125.82 2.32 -97.99	150.00 1.97 -126.18	169.52 -0.50 -175.94
CE_NYC_DRP 24195	112.00 7.92 -9.92	113.50 7.75 -6.24	123.50 6.39 -34.67	135.41 2.44 -100.61	131.85 2.46 -97.26	145.54 1.96 -114.55	144.06 4.25 -83.72	152.54 2.28 -121.10	141.48 2.45 -108.17	98.77 3.06 -60.79	127.19 3.06 -90.22	113.23 3.11 -76.26	123.43 2.65 -91.81	126.14 2.75 -94.12	116.88 2.93 -82.84	132.95 2.73 -100.32	141.04 2.48 -110.64	165.41 3.14 -126.22	147.52 3.16 -108.44	141.68 2.42 -111.22	135.97 2.29 -107.01	125.69 2.20 -97.97	149.88 1.87 -126.16	169.53 -0.47 -175.92
CHAFFEE___LFGE 323603	92.17 -3.91 -1.92	95.92 -4.54 -0.95	84.15 -4.77 -6.47	49.12 -1.82 -18.58	48.38 -1.72 -17.96	48.76 -1.50 -21.23	67.93 -3.73 -15.57	49.32 -2.35 -22.52	48.59 -2.39 -20.11	42.94 -2.92 -10.95	46.39 -3.25 -15.74	43.98 -3.41 -13.52	42.93 -3.01 -16.97	42.16 -2.88 -15.77	43.31 -2.94 -15.14	45.57 -2.76 -18.44	45.77 -2.72 -20.57	55.62 -3.33 -22.90	51.99 -3.17 -19.24	45.29 -2.41 -19.66	44.25 -2.32 -19.89	41.26 -2.46 -18.21	43.24 -2.07 -23.46	27.34 0.55 -32.71
CHATEAUG_35_KV_LOAD 355732	91.38 -2.78 0.00	96.81 -2.70 0.00	80.36 -2.09 0.00	31.27 -1.09 0.00	27.57 -1.36 3.19	-25.98 -2.99 52.01	-18.25 -5.70 68.63	-14.89 -2.99 41.07	-19.69 -2.79 47.77	-23.13 -2.67 55.37	-25.08 -2.82 56.17	-19.82 -3.00 50.68	-20.96 -2.33 47.61	-22.20 -2.40 49.08	-22.38 -2.65 50.84	-15.91 -2.78 43.02	26.88 -2.55 -1.51	36.35 -3.22 -3.52	34.79 -3.23 -2.11	27.11 -2.75 -1.82	-14.75 -2.75 38.69	-18.42 -2.63 41.31	-18.24 -2.13 37.96	-19.02 0.48 13.58
CHATEAUG_WT_PWR 323614	91.38 -2.78 0.00	96.74 -2.77 0.00	80.17 -2.28 0.00	31.19 -1.17 0.00	27.42 -1.45 3.26	-27.83 -2.95 53.90	-21.23 -5.92 71.39	-17.91 -3.09 43.98	-22.67 -2.95 50.59	-25.25 -2.70 57.47	-27.64 -2.82 58.73	-22.25 -3.20 52.91	-23.57 -2.42 50.12	-24.50 -2.40 51.37	-23.78 -2.71 52.18	-18.32 -2.98 45.23	12.49 -2.74 12.69	17.35 -3.44 15.27	28.58 -3.48 3.85	25.13 -2.91 0.00	-17.55 -2.92 41.31	-21.06 -2.75 43.82	-21.30 -2.25 40.90	-22.36 0.48 16.92
CHAT_HIGH_FALL_HYD 323578	91.38 -2.78 0.00	96.81 -2.70 0.00	80.36 -2.09 0.00	31.27 -1.09 0.00	27.57 -1.36 3.19	-25.98 -2.99 52.01	-18.25 -5.70 68.63	-14.89 -2.99 41.07	-19.69 -2.79 47.77	-23.13 -2.67 55.37	-25.08 -2.82 56.17	-19.82 -3.00 50.68	-20.96 -2.33 47.61	-22.20 -2.40 49.08	-22.38 -2.65 50.84	-15.91 -2.78 43.02	26.88 -2.55 -1.51	36.35 -3.22 -3.52	34.79 -3.23 -2.11	27.11 -2.75 -1.82	-14.75 -2.75 38.69	-18.42 -2.63 41.31	-18.24 -2.13 37.96	-19.02 0.48 13.58
CHAUTAUQUA___LFGE 323629	91.94 -4.10 -1.88	95.64 -4.80 -0.94	83.37 -5.43 -6.35	48.46 -2.15 -18.24	47.72 -2.04 -17.64	48.11 -1.76 -20.85	67.34 -4.03 -15.29	48.83 -2.44 -22.11	48.22 -2.46 -19.81	42.68 -3.04 -10.81	45.93 -3.41 -15.43	43.55 -3.67 -13.35	42.49 -3.23 -16.75	41.62 -3.16 -15.51	42.70 -3.27 -14.87	44.97 -3.04 -18.11	45.09 -3.03 -20.20	54.95 -3.59 -22.49	51.37 -3.44 -18.90	44.72 -2.66 -19.34	43.62 -2.60 -19.54	40.68 -2.71 -17.89	42.66 -2.22 -23.03	26.80 0.60 -32.12
CHERRYST_13_KV_LD 356241	112.27 8.20 -9.92	113.76 8.02 -6.24	123.75 6.63 -34.67	135.51 2.54 -100.61	131.94 2.55 -97.26	145.63 2.06 -114.55	144.26 4.45 -83.72	152.65 2.39 -121.10	141.60 2.56 -108.17	98.91 3.20 -60.79	127.32 3.19 -90.22	113.37 3.25 -76.26	123.55 2.77 -91.81	126.25 2.86 -94.12	117.00 3.06 -82.84	133.06 2.85 -100.32	141.15 2.59 -110.64	165.55 3.27 -126.22	147.65 3.30 -108.44	141.77 2.51 -111.22	136.06 2.37 -107.01	125.77 2.29 -97.97	149.95 1.94 -126.16	169.52 -0.49 -175.92

CHESTROR_138KV_BK263 355645	109.73 6.34 -9.24	111.56 6.23 -5.82	119.77 5.11 -32.21	127.77 1.99 -93.42	124.43 1.99 -90.31	136.99 1.60 -106.36	137.24 3.42 -77.74	143.41 1.80 -112.45	133.21 1.91 -100.44	93.54 2.30 -56.32	119.86 2.26 -83.69	106.70 2.26 -70.57	116.09 1.91 -85.21	118.03 1.98 -86.78	110.06 2.12 -76.83	124.99 2.01 -93.08	132.52 1.87 -102.73	155.49 2.44 -117.00	138.74 2.46 -100.37	132.96 1.89 -103.04	127.82 1.78 -99.36	118.18 1.70 -90.97	140.44 1.44 -117.15	157.07 -0.36 -163.35
CH_MIDHUDSON___DRP 24192	112.47 8.00 -10.32	114.03 7.97 -6.55	124.34 6.50 -35.38	137.05 2.53 -102.17	133.42 2.53 -98.76	147.40 2.06 -116.32	145.48 4.38 -85.02	154.48 2.34 -122.98	143.19 2.48 -109.84	99.46 2.89 -61.66	128.27 2.80 -91.57	113.95 2.80 -77.29	124.54 2.36 -93.21	126.89 2.42 -95.20	117.78 2.60 -84.07	134.21 2.49 -101.83	142.59 2.32 -112.35	167.15 3.05 -128.05	148.89 3.06 -109.92	143.19 2.35 -112.80	137.56 2.21 -108.66	127.10 2.10 -99.49	151.76 1.79 -128.12	172.28 -0.45 -178.65
CH_MISC_IPPS 23765	112.96 8.67 -10.13	114.58 8.64 -6.43	124.25 7.06 -34.74	135.41 2.74 -100.31	131.85 2.75 -96.97	145.52 2.29 -114.21	144.40 4.85 -83.47	152.48 2.58 -120.74	141.45 2.74 -107.84	98.60 3.18 -60.51	126.86 3.07 -89.88	112.75 3.05 -75.83	123.05 2.57 -91.50	125.23 2.64 -93.33	116.47 2.85 -82.52	132.60 2.75 -99.96	140.82 2.59 -110.31	165.14 3.41 -125.67	147.17 3.42 -107.84	141.36 2.63 -110.69	135.84 2.48 -106.69	125.52 2.33 -97.68	149.60 1.97 -125.79	168.98 -0.49 -175.39
CH_RES_BVR_FALLS 23983	93.07 -1.10 0.00	98.35 -1.16 0.00	81.50 -0.95 0.00	31.88 -0.48 0.00	27.75 -0.59 3.79	-34.76 -1.71 62.08	-29.66 -3.04 82.71	-23.56 -1.55 51.17	-29.59 -1.59 58.86	-33.71 -1.76 66.87	-35.52 -1.73 67.70	-29.40 -1.69 61.57	-30.77 -1.43 58.32	-31.25 -1.47 59.05	-22.21 -1.56 51.76	-21.31 -1.50 49.71	26.08 -1.28 0.56	34.40 -1.66 0.00	34.25 -1.66 0.00	26.58 -1.46 0.00	-22.86 -1.47 48.06	-26.84 -1.36 50.99	-26.89 -1.14 47.59	-25.34 0.27 19.69
CH_RES_NIAGARA 23895	87.55 -8.30 -1.68	91.10 -9.24 -0.84	79.78 -8.40 -5.74	45.73 -3.15 -16.52	45.07 -3.03 -15.97	45.21 -2.71 -18.89	63.56 -6.39 -13.86	45.33 -3.88 -20.05	44.78 -4.00 -17.91	39.86 -4.80 -9.75	42.86 -5.00 -13.96	40.67 -5.23 -12.04	39.49 -4.59 -15.11	38.82 -4.50 -14.04	39.90 -4.69 -13.48	41.89 -4.43 -16.42	41.95 -4.29 -18.32	51.04 -5.41 -20.40	47.90 -5.15 -17.14	41.93 -3.93 -17.82	40.63 -3.77 -17.72	37.94 -3.80 -16.22	39.53 -3.21 -20.89	24.06 0.85 -29.13
CH_RES_SYRACUSE 23985	94.72 0.56 0.00	99.88 0.37 0.00	85.50 0.03 -3.01	43.52 0.07 -11.09	42.93 0.14 -10.66	41.17 -0.02 -12.17	64.54 -0.28 -8.73	42.61 -0.16 -13.62	42.66 -0.19 -11.98	40.72 -0.20 -6.01	43.26 -0.22 -9.57	41.35 -0.24 -7.73	38.77 -0.18 -9.98	38.31 -0.16 -9.20	39.93 -0.15 -8.98	40.83 -0.13 -11.07	40.90 -0.15 -13.12	50.52 -0.14 -14.61	48.03 -0.15 -12.27	40.69 -0.11 -12.76	38.56 -0.12 -12.00	36.24 -0.15 -10.88	35.96 -0.16 -14.27	14.71 0.05 -20.58
CLINTON_WT_PWR 323605	91.38 -2.78 0.00	96.74 -2.77 0.00	80.17 -2.28 0.00	31.19 -1.17 0.00	27.42 -1.45 3.26	-27.83 -2.95 53.90	-21.23 -5.92 71.39	-17.91 -3.09 43.98	-22.67 -2.95 50.59	-25.25 -2.70 57.47	-27.64 -2.82 58.73	-22.25 -3.20 52.91	-23.57 -2.42 50.12	-24.50 -2.40 51.37	-23.78 -2.71 52.18	-18.32 -2.98 45.23	12.49 -2.74 12.69	17.35 -3.44 15.27	28.58 -3.48 3.85	25.13 -2.91 0.00	-17.55 -2.92 41.31	-21.06 -2.75 43.82	-21.30 -2.25 40.90	-22.36 0.48 16.92
CLINTON___LFGE 323618	93.17 -0.99 0.00	98.52 -0.99 0.00	81.65 -0.80 0.00	31.77 -0.59 0.00	27.98 -0.91 3.24	-27.17 -2.55 53.65	-19.91 -4.95 71.05	-17.20 -2.59 43.76	-21.82 -2.35 50.34	-24.44 -2.18 57.18	-26.79 -2.24 58.46	-21.31 -2.52 52.65	-22.83 -1.93 49.87	-23.88 -2.01 51.14	-23.29 -2.21 52.19	-17.64 -2.44 45.10	32.07 -2.22 -6.38	43.78 -2.72 -10.44	35.81 -2.74 -2.63	25.68 -2.36 0.00	-16.81 -2.38 41.10	-20.38 -2.28 43.61	-20.71 -1.86 40.70	-22.39 0.36 16.84
COBBLENY_34_KV_TB1 80064	92.19 -3.89 -1.92	95.95 -4.51 -0.95	84.13 -4.78 -6.47	49.10 -1.85 -18.58	48.36 -1.73 -17.96	48.77 -1.49 -21.23	67.94 -3.71 -15.57	49.32 -2.36 -22.52	48.59 -2.39 -20.11	42.91 -2.95 -10.95	46.43 -3.21 -15.74	44.01 -3.38 -13.52	42.97 -2.97 -16.97	42.19 -2.86 -15.77	43.33 -2.92 -15.14	45.60 -2.74 -18.44	45.80 -2.69 -20.57	55.64 -3.31 -22.90	52.00 -3.16 -19.24	45.65 -2.40 -20.01	44.26 -2.31 -19.89	41.28 -2.44 -18.21	43.25 -2.05 -23.46	27.34 0.55 -32.71
COFFEEN___115KV_TB3 355620	94.83 0.67 0.00	99.37 -0.13 0.00	83.32 -0.60 -1.47	37.37 -0.38 -5.39	36.34 -0.36 -4.57	22.17 -0.78 6.07	44.78 -0.85 10.46	27.09 -0.25 1.83	26.69 -0.29 3.89	26.29 -0.50 8.13	24.67 -0.77 8.47	26.43 -0.98 6.46	23.27 -0.92 4.78	20.61 -1.03 7.63	-1.34 -1.07 31.37	17.38 -0.79 11.72	30.78 -0.31 -3.18	43.12 0.05 -7.02	41.65 -0.12 -5.85	33.94 -0.21 -6.11	24.39 -0.19 2.10	22.11 -0.27 3.12	20.49 -0.44 0.92	0.95 0.14 -6.72
COLDSPRG_115KV_BK1 355956	95.17 -1.02 -2.03	98.87 -1.65 -1.01	86.56 -2.71 -6.82	50.81 -1.11 -19.56	50.07 -0.97 -18.91	50.57 -0.80 -22.35	70.30 -2.17 -16.38	51.41 -1.44 -23.69	50.42 -1.64 -21.19	44.42 -2.04 -11.55	48.65 -2.27 -17.01	45.76 -2.36 -14.26	44.83 -2.03 -17.89	43.96 -1.92 -16.61	45.09 -1.94 -15.93	47.53 -1.77 -19.40	47.65 -1.91 -21.64	57.81 -2.34 -24.10	53.79 -2.37 -20.25	47.28 -1.81 -21.06	45.85 -1.76 -20.93	42.77 -1.90 -19.16	45.02 -1.51 -24.68	28.90 0.41 -34.41
COLONIE_LFGE___ 323577	138.50 5.64 -38.71	136.40 5.84 -31.06	151.99 4.79 -64.74	167.49 1.85 -133.28	162.79 1.82 -128.84	182.08 1.30 -151.75	169.53 2.53 -110.92	195.81 1.35 -165.30	186.43 1.45 -154.11	113.84 1.53 -77.41	153.00 1.44 -117.66	130.38 1.43 -95.09	154.32 1.21 -124.14	144.73 1.19 -114.27	139.62 1.22 -107.30	161.99 1.17 -130.92	175.63 1.13 -146.58	199.40 1.50 -161.85	172.29 1.43 -134.95	170.18 1.12 -141.02	169.53 1.09 -141.76	156.35 1.04 -129.80	189.89 0.90 -167.14	226.91 -0.23 -233.06
COOPERNY_115KV_TB1 80082	106.40 4.60 -7.64	108.84 4.52 -4.82	112.65 3.69 -26.50	110.57 1.45 -76.75	107.79 1.47 -74.20	117.57 1.15 -87.39	122.42 2.46 -63.87	122.84 1.30 -92.39	114.76 1.37 -82.51	82.55 1.66 -45.97	104.10 1.64 -68.56	92.93 1.64 -57.43	100.28 1.39 -69.92	100.54 1.43 -69.84	95.56 1.55 -62.91	107.65 1.46 -76.29	113.67 1.35 -84.40	133.46 1.76 -95.64	119.37 1.78 -81.68	113.49 1.36 -84.09	109.60 1.29 -81.63	101.48 1.23 -74.74	119.12 1.03 -96.24	128.03 -0.26 -134.20
COPENHAGEN_WT_PWR 323753	93.18 -0.98 0.00	97.53 -1.97 0.00	81.71 -2.26 -1.51	36.86 -1.07 -5.57	35.84 -1.07 -4.77	22.41 -1.42 5.19	44.41 -2.19 9.49	27.04 -0.97 1.14	26.66 -1.05 3.16	26.21 -1.30 7.41	24.87 -1.46 7.57	26.47 -1.63 5.76	23.43 -1.46 4.08	20.89 -1.57 6.82	0.28 -1.63 29.19	17.90 -1.41 10.58	30.49 -0.97 -3.54	42.39 -0.88 -7.22	40.91 -1.03 -6.02	33.41 -0.92 -6.29	24.34 -0.86 1.48	22.16 -0.87 2.48	20.65 -0.93 0.27	1.55 0.27 -7.20
CORNELL_____ 23752	99.26 2.37 -2.72	103.50 2.21 -1.78	92.45 1.44 -8.55	57.05 0.61 -24.08	56.08 0.67 -23.28	57.09 0.53 -27.53	77.33 1.06 -20.19	58.86 0.50 -29.20	57.48 0.53 -26.08	49.67 0.56 -14.20	55.81 0.45 -21.45	51.80 0.39 -17.54	51.33 0.36 -22.00	50.13 0.40 -20.46	51.27 0.53 -19.64	54.36 0.55 -23.92	55.10 0.50 -26.68	66.54 0.77 -29.70	61.60 0.73 -24.96	54.56 0.57 -25.96	52.98 0.50 -25.80	49.52 0.39 -23.62	52.57 0.30 -30.42	36.44 -0.07 -42.42

CORONA__69_KV_TB1 355595	113.86 9.78 -9.92	115.27 9.52 -6.24	124.75 7.62 -34.68	135.91 2.92 -100.63	132.39 2.98 -97.28	146.13 2.53 -114.58	145.16 5.33 -83.74	153.07 2.77 -121.13	142.03 2.97 -108.19	99.24 3.52 -60.81	127.64 3.49 -90.25	113.61 3.47 -76.28	123.56 2.76 -91.83	126.24 2.83 -94.14	117.09 3.13 -82.86	133.26 3.03 -100.35	141.38 2.79 -110.67	165.78 3.48 -126.25	148.08 3.70 -108.47	143.96 2.92 -112.99	153.18 2.77 -123.73	132.57 2.64 -104.42	150.26 2.22 -126.19	169.48 -0.56 -175.96
CORTLAND__115KV_TB3 80093	97.55 1.30 -2.09	101.72 1.17 -1.04	90.02 0.63 -6.93	52.49 0.31 -19.82	51.66 0.37 -19.17	51.94 0.25 -22.67	73.22 0.52 -16.61	53.43 0.24 -24.03	52.58 0.25 -21.46	46.87 0.27 -11.68	51.78 0.22 -17.65	48.49 0.19 -14.43	47.25 0.17 -18.11	46.31 0.20 -16.83	47.57 0.31 -16.16	49.89 0.32 -19.68	50.14 0.27 -21.95	60.90 0.40 -24.44	56.81 0.36 -20.54	49.66 0.27 -21.36	48.16 0.24 -21.23	45.12 0.17 -19.44	47.01 0.13 -25.03	28.98 -0.02 -34.91
COXSACKIE__GT 23611	123.54 9.41 -19.96	124.01 9.89 -14.61	138.77 8.02 -48.30	158.91 3.02 -123.54	154.54 2.99 -119.42	171.99 2.31 -140.66	163.52 4.62 -102.81	179.00 2.40 -147.45	163.32 2.48 -129.98	109.24 2.52 -71.80	144.84 2.07 -108.87	123.94 1.69 -88.39	141.56 1.57 -111.02	131.17 1.58 -100.32	132.39 1.60 -99.68	153.39 1.95 -121.54	166.01 2.23 -135.86	188.90 2.33 -150.52	163.16 1.34 -125.90	160.26 0.91 -131.31	158.87 0.79 -131.40	146.83 1.01 -120.31	178.14 1.36 -154.92	209.64 -0.47 -216.02
CPV_VALLEY__CC1 323721	108.11 5.32 -8.63	110.13 5.19 -5.43	116.83 4.27 -30.11	121.36 1.65 -87.35	118.24 1.66 -84.44	129.79 1.31 -99.46	131.60 2.82 -72.69	135.79 1.49 -105.15	126.36 1.58 -93.91	89.40 1.92 -52.57	114.02 1.92 -78.19	101.60 1.92 -65.81	110.25 1.63 -79.65	111.62 1.68 -80.67	104.67 1.80 -71.77	118.56 1.69 -86.98	125.55 1.56 -96.06	147.34 2.04 -109.25	131.56 2.05 -93.60	125.77 1.57 -96.16	121.07 1.48 -92.91	112.00 1.43 -85.06	132.59 1.20 -109.54	146.52 -0.30 -152.74
CPV_VALLEY__CC2 323722	108.11 5.32 -8.63	110.13 5.19 -5.43	116.83 4.27 -30.11	121.36 1.65 -87.35	118.24 1.66 -84.44	129.79 1.31 -99.46	131.60 2.82 -72.69	135.79 1.49 -105.15	126.36 1.58 -93.91	89.40 1.92 -52.57	114.02 1.92 -78.19	101.60 1.92 -65.81	110.25 1.63 -79.65	111.62 1.68 -80.67	104.67 1.80 -71.77	118.56 1.69 -86.98	125.55 1.56 -96.06	147.34 2.04 -109.25	131.56 2.05 -93.60	125.77 1.57 -96.16	121.07 1.48 -92.91	112.00 1.43 -85.06	132.59 1.20 -109.54	146.52 -0.30 -152.74
CRESCENT__HYD 24018	138.50 5.64 -38.71	136.40 5.84 -31.06	151.99 4.79 -64.74	167.49 1.85 -133.28	162.79 1.82 -128.84	182.08 1.30 -151.75	169.53 2.53 -110.92	195.81 1.35 -165.30	186.43 1.45 -154.11	113.84 1.53 -77.41	153.00 1.44 -117.66	130.38 1.43 -95.09	154.32 1.21 -124.14	144.73 1.19 -114.27	139.62 1.22 -107.30	161.99 1.17 -130.92	175.63 1.13 -146.58	199.40 1.50 -161.85	172.29 1.43 -134.95	170.18 1.12 -141.02	169.53 1.09 -141.76	156.35 1.04 -129.80	189.89 0.90 -167.14	226.91 -0.23 -233.06
CRICKET__VALLEY_CC1 323756	112.07 6.88 -11.03	113.47 6.89 -7.07	125.17 5.58 -37.14	141.23 2.16 -106.71	137.43 2.14 -103.16	152.19 1.67 -121.50	148.45 3.56 -88.80	159.72 1.91 -128.66	148.08 2.02 -115.20	101.59 2.32 -64.36	131.75 2.23 -95.62	116.79 2.27 -80.65	128.36 1.91 -97.48	130.69 1.94 -99.48	120.94 2.06 -87.78	138.14 1.91 -106.33	147.03 1.76 -117.35	172.07 2.34 -133.68	152.91 2.29 -114.70	147.53 1.76 -117.74	141.84 1.66 -113.50	131.05 1.62 -103.92	157.09 1.43 -133.82	180.33 -0.35 -186.59
CRICKET__VALLEY_CC2 323757	112.07 6.88 -11.03	113.47 6.89 -7.07	125.17 5.58 -37.14	141.23 2.16 -106.71	137.43 2.14 -103.16	152.19 1.67 -121.50	148.45 3.56 -88.80	159.72 1.91 -128.66	148.08 2.02 -115.20	101.59 2.32 -64.36	131.75 2.23 -95.62	116.79 2.27 -80.65	128.36 1.91 -97.48	130.69 1.94 -99.48	120.94 2.06 -87.78	138.14 1.91 -106.33	147.03 1.76 -117.35	172.07 2.34 -133.68	152.91 2.29 -114.70	147.53 1.76 -117.74	141.84 1.66 -113.50	131.05 1.62 -103.92	157.09 1.43 -133.82	180.33 -0.35 -186.59
CRICKET__VALLEY_CC3 323758	112.07 6.88 -11.03	113.47 6.89 -7.07	125.17 5.58 -37.14	141.23 2.16 -106.71	137.43 2.14 -103.16	152.19 1.67 -121.50	148.45 3.56 -88.80	159.72 1.91 -128.66	148.08 2.02 -115.20	101.59 2.32 -64.36	131.75 2.23 -95.62	116.79 2.27 -80.65	128.36 1.91 -97.48	130.69 1.94 -99.48	120.94 2.06 -87.78	138.14 1.91 -106.33	147.03 1.76 -117.35	172.07 2.34 -133.68	152.91 2.29 -114.70	147.53 1.76 -117.74	141.84 1.66 -113.50	131.05 1.62 -103.92	157.09 1.43 -133.82	180.33 -0.35 -186.59
CRUCIBLE__METL_DRP 24180	94.73 0.57 0.00	99.88 0.37 0.00	85.50 0.03 -3.01	43.51 0.07 -11.09	42.93 0.14 -10.66	41.17 -0.02 -12.17	64.54 -0.28 -8.73	42.61 -0.17 -13.62	42.65 -0.19 -11.98	40.72 -0.21 -6.01	43.26 -0.22 -9.57	41.36 -0.24 -7.73	38.77 -0.17 -9.98	38.31 -0.17 -9.20	39.93 -0.16 -8.98	40.82 -0.13 -11.07	40.90 -0.14 -13.12	50.52 -0.14 -14.61	48.03 -0.15 -12.27	40.69 -0.11 -12.76	38.55 -0.12 -12.00	36.24 -0.15 -10.88	35.96 -0.16 -14.27	14.71 0.05 -20.58
DAHOWA__HYDRO 323763	145.54 7.60 -43.78	142.96 7.91 -35.54	157.98 6.51 -69.01	170.16 2.54 -135.26	165.35 2.47 -130.75	184.94 1.91 -154.00	172.30 3.65 -112.57	196.30 1.87 -165.27	183.70 1.96 -150.87	115.29 2.03 -78.35	154.88 1.81 -119.17	131.82 1.77 -96.19	154.62 1.48 -124.17	143.20 1.47 -112.46	141.52 1.61 -108.82	164.30 1.60 -132.81	178.27 1.59 -148.75	202.30 2.15 -164.09	174.71 2.10 -136.70	172.58 1.62 -142.93	172.07 1.53 -143.86	158.66 1.43 -131.73	192.67 1.19 -169.63	230.32 -0.28 -236.52
DANC__LFGE 323619	92.71 -1.45 0.00	97.40 -2.10 0.00	82.09 -2.14 -1.78	37.98 -0.91 -6.53	37.12 -0.90 -5.90	27.53 -1.12 0.37	50.06 -1.90 4.13	30.87 -0.87 -2.59	30.78 -0.94 -0.86	30.36 -1.12 3.43	30.04 -1.19 2.68	30.62 -1.31 1.94	27.56 -1.16 0.25	25.69 -1.23 2.34	12.55 -1.30 17.25	24.37 -1.19 4.33	32.56 -0.91 -5.55	43.45 -0.93 -8.33	41.85 -1.01 -6.94	34.44 -0.86 -7.26	27.85 -0.80 -1.97	25.75 -0.79 -1.03	24.38 -0.80 -3.33	4.13 0.23 -9.81
DANSKAMMER__1 23586	112.96 8.67 -10.13	114.58 8.64 -6.43	124.25 7.06 -34.74	135.41 2.74 -100.31	131.85 2.75 -96.97	145.52 2.29 -114.21	144.40 4.85 -83.47	152.48 2.58 -120.74	141.45 2.74 -107.84	98.60 3.18 -60.51	126.86 3.07 -89.88	112.75 3.05 -75.83	123.05 2.57 -91.50	125.23 2.64 -93.33	116.47 2.85 -82.52	132.60 2.75 -99.96	140.82 2.59 -110.31	165.14 3.41 -125.67	147.17 3.42 -107.84	141.36 2.63 -110.69	135.84 2.48 -106.69	125.52 2.33 -97.68	149.60 1.97 -125.79	168.98 -0.49 -175.39
DANSKAMMER__2 23589	112.96 8.67 -10.13	114.58 8.64 -6.43	124.25 7.06 -34.74	135.41 2.74 -100.31	131.85 2.75 -96.97	145.52 2.29 -114.21	144.40 4.85 -83.47	152.48 2.58 -120.74	141.45 2.74 -107.84	98.60 3.18 -60.51	126.86 3.07 -89.88	112.75 3.05 -75.83	123.05 2.57 -91.50	125.23 2.64 -93.33	116.47 2.85 -82.52	132.60 2.75 -99.96	140.82 2.59 -110.31	165.14 3.41 -125.67	147.17 3.42 -107.84	141.36 2.63 -110.69	135.84 2.48 -106.69	125.52 2.33 -97.68	149.60 1.97 -125.79	168.98 -0.49 -175.39
DANSKAMMER__3 23590	112.96 8.67 -10.13	114.58 8.64 -6.43	124.25 7.06 -34.74	135.41 2.74 -100.31	131.85 2.75 -96.97	145.52 2.29 -114.21	144.40 4.85 -83.47	152.48 2.58 -120.74	141.45 2.74 -107.84	98.60 3.18 -60.51	126.86 3.07 -89.88	112.75 3.05 -75.83	123.05 2.57 -91.50	125.23 2.64 -93.33	116.47 2.85 -82.52	132.60 2.75 -99.96	140.82 2.59 -110.31	165.14 3.41 -125.67	147.17 3.42 -107.84	141.36 2.63 -110.69	135.84 2.48 -106.69	125.52 2.33 -97.68	149.60 1.97 -125.79	168.98 -0.49 -175.39

DANSKAMMER___4 23591	112.96 8.67 -10.13	114.58 8.64 -6.43	124.25 7.06 -34.74	135.41 2.74 -100.31	131.85 2.75 -96.97	145.52 2.29 -114.21	144.40 4.85 -83.47	152.48 2.58 -120.74	141.45 2.74 -107.84	98.60 3.18 -60.51	126.86 3.07 -89.88	112.75 3.05 -75.83	123.05 2.57 -91.50	125.23 2.64 -93.33	116.47 2.85 -82.52	132.60 2.75 -99.96	140.82 2.59 -110.31	165.14 3.41 -125.67	147.17 3.42 -107.84	141.36 2.63 -110.69	135.84 2.48 -106.69	125.52 2.33 -97.68	149.60 1.97 -125.79	168.98 -0.49 -175.39
DANSKAMMER___DIESEL 23592	112.95 8.66 -10.13	114.58 8.64 -6.43	124.26 7.07 -34.74	135.41 2.74 -100.31	131.85 2.75 -96.97	145.51 2.28 -114.21	144.41 4.85 -83.47	152.48 2.58 -120.74	141.44 2.73 -107.84	98.59 3.17 -60.51	126.85 3.07 -89.88	112.74 3.04 -75.83	123.04 2.57 -91.50	125.23 2.64 -93.33	116.47 2.85 -82.52	132.60 2.74 -99.96	140.82 2.58 -110.31	165.14 3.41 -125.67	147.18 3.42 -107.84	141.36 2.63 -110.69	135.84 2.47 -106.69	125.52 2.33 -97.68	149.61 1.97 -125.79	168.99 -0.49 -175.39
DARBY___SOLAR 323810	144.53 7.22 -43.15	142.01 7.51 -34.99	157.11 6.19 -68.48	169.74 2.42 -134.97	164.95 2.34 -130.47	184.50 1.80 -153.68	171.85 3.44 -112.33	196.17 1.76 -165.24	183.98 1.85 -151.26	115.03 1.91 -78.21	154.55 1.69 -118.94	131.55 1.67 -96.02	154.48 1.37 -124.14	143.32 1.39 -112.67	141.21 1.52 -108.59	163.95 1.53 -132.53	177.88 1.52 -148.44	201.86 2.05 -163.76	174.34 2.00 -136.43	172.22 1.54 -142.64	171.70 1.45 -143.56	158.32 1.36 -131.45	192.26 1.14 -169.26	229.83 -0.28 -236.02
DASHVILLE___HYD 23610	117.54 10.98 -12.40	118.89 11.01 -8.37	128.72 8.95 -37.32	139.53 3.50 -103.66	135.88 3.54 -100.21	150.11 3.06 -118.03	148.85 6.49 -86.27	157.15 3.48 -124.51	145.35 3.63 -110.85	100.85 4.14 -61.79	130.14 3.84 -92.39	114.63 3.76 -77.01	126.30 3.17 -94.16	125.08 3.26 -92.55	119.40 3.55 -84.75	136.30 3.53 -102.88	145.36 3.43 -114.00	169.40 4.63 -128.72	150.10 4.62 -109.56	144.61 3.54 -113.02	140.25 3.31 -110.26	129.53 3.07 -100.95	154.41 2.56 -130.00	174.72 -0.63 -181.27
DEERFIELD_69_KV_DEERFIELD LD 355887	116.15 12.07 -9.92	117.24 11.50 -6.24	125.58 8.45 -34.68	136.03 3.04 -100.63	132.92 3.51 -97.28	146.73 3.13 -114.58	146.27 6.44 -83.74	153.23 2.94 -121.13	142.31 3.24 -108.19	99.40 3.68 -60.81	127.96 3.82 -90.25	113.75 3.61 -76.28	123.69 2.89 -91.83	126.35 2.94 -94.14	117.37 3.40 -82.86	133.80 3.56 -100.35	142.07 3.48 -110.67	166.67 4.36 -126.25	149.12 4.74 -108.47	145.37 3.51 -113.82	153.89 3.26 -123.95	132.99 3.06 -104.42	150.61 2.56 -126.19	169.39 -0.65 -175.96
DELAWARE___LFGE 323621	106.94 3.81 -8.97	109.73 3.81 -6.41	104.67 3.12 -19.10	79.59 1.28 -45.95	77.85 1.30 -44.42	82.33 0.99 -52.32	96.35 2.04 -38.23	85.51 1.04 -55.30	81.40 1.13 -49.40	63.15 1.33 -26.90	75.80 1.26 -40.63	68.35 1.25 -33.23	71.69 1.05 -41.67	69.17 1.11 -38.79	69.53 1.23 -37.20	76.38 1.18 -45.31	79.52 1.08 -50.52	93.69 1.37 -56.27	84.61 1.40 -47.29	78.29 1.08 -49.17	76.54 1.00 -48.86	71.17 0.92 -44.74	80.24 0.78 -57.61	74.22 -0.19 -80.33
DERFIELD_115KV_TB7 355931	95.00 0.84 0.00	100.30 0.79 0.00	83.11 0.66 0.00	32.62 0.26 0.00	32.38 0.25 0.00	29.21 0.03 -0.15	56.23 0.06 -0.09	29.19 0.03 0.00	30.90 0.03 0.00	34.93 0.01 0.00	34.06 0.00 -0.16	33.90 0.03 0.00	29.00 0.03 0.00	29.47 0.03 -0.18	33.32 0.03 -2.18	30.64 0.03 -0.71	28.20 0.03 -0.25	36.09 0.04 0.00	35.94 0.02 0.00	28.05 0.01 0.00	26.68 0.00 0.00	25.52 0.01 0.00	21.87 0.02 0.00	-5.92 -0.01 0.00
DOGLEVILLE___HYD 23807	98.46 4.30 0.00	103.82 4.31 0.00	85.98 3.53 0.00	33.73 1.37 0.00	33.46 1.34 0.00	29.90 0.72 -0.15	57.90 1.73 -0.09	30.08 0.92 0.00	31.78 0.91 0.00	35.77 0.85 0.00	34.58 0.52 -0.16	34.23 0.37 0.00	29.28 0.31 0.00	29.78 0.33 -0.18	33.87 0.59 -2.18	31.36 0.76 -0.71	28.95 0.78 -0.25	37.31 1.25 0.00	37.03 1.12 0.00	28.90 0.86 0.00	27.50 0.82 0.00	26.23 0.72 0.00	22.43 0.58 0.00	-6.11 -0.20 0.00
DUNKIRK___115KV_TB_200 55889	91.83 -4.20 -1.87	95.55 -4.89 -0.93	83.31 -5.47 -6.33	48.38 -2.17 -18.19	47.65 -2.07 -17.59	48.04 -1.77 -20.79	67.26 -4.07 -15.24	48.73 -2.47 -22.05	48.12 -2.50 -19.76	42.59 -3.10 -10.78	45.89 -3.40 -15.38	43.53 -3.65 -13.31	42.47 -3.21 -16.71	41.59 -3.15 -15.47	42.66 -3.27 -14.83	44.92 -3.04 -18.06	45.04 -3.03 -20.14	54.87 -3.62 -22.43	51.30 -3.46 -18.85	44.97 -2.66 -19.60	43.57 -2.59 -19.48	40.65 -2.70 -17.84	42.60 -2.22 -22.97	26.72 0.60 -32.03
DUNKIRK___1 23563	91.83 -4.20 -1.87	95.55 -4.89 -0.93	83.31 -5.47 -6.33	48.38 -2.17 -18.19	47.65 -2.07 -17.59	48.04 -1.77 -20.79	67.26 -4.07 -15.24	48.73 -2.47 -22.05	48.12 -2.50 -19.76	42.59 -3.10 -10.78	45.89 -3.40 -15.38	43.53 -3.65 -13.31	42.47 -3.21 -16.71	41.59 -3.15 -15.47	42.66 -3.27 -14.83	44.92 -3.04 -18.06	45.04 -3.03 -20.14	54.87 -3.62 -22.43	51.30 -3.46 -18.85	44.97 -2.66 -19.60	43.57 -2.59 -19.48	40.65 -2.70 -17.84	42.60 -2.22 -22.97	26.72 0.60 -32.03
DUNKIRK___2 23564	91.83 -4.20 -1.87	95.55 -4.89 -0.93	83.31 -5.47 -6.33	48.38 -2.17 -18.19	47.65 -2.07 -17.59	48.04 -1.77 -20.79	67.26 -4.07 -15.24	48.73 -2.47 -22.05	48.12 -2.50 -19.76	42.59 -3.10 -10.78	45.89 -3.40 -15.38	43.53 -3.65 -13.31	42.47 -3.21 -16.71	41.59 -3.15 -15.47	42.66 -3.27 -14.83	44.92 -3.04 -18.06	45.04 -3.03 -20.14	54.87 -3.62 -22.43	51.30 -3.46 -18.85	44.97 -2.66 -19.60	43.57 -2.59 -19.48	40.65 -2.70 -17.84	42.60 -2.22 -22.97	26.72 0.60 -32.03
DUNKIRK___3 23565	91.47 -4.54 -1.85	95.22 -5.20 -0.92	83.08 -5.62 -6.25	48.12 -2.22 -17.97	47.38 -2.12 -17.37	47.75 -1.82 -20.54	66.91 -4.24 -15.06	48.35 -2.59 -21.79	47.81 -2.60 -19.55	42.39 -3.20 -10.67	45.57 -3.47 -15.13	43.34 -3.70 -13.18	42.26 -3.25 -16.54	41.37 -3.20 -15.30	42.44 -3.32 -14.65	44.65 -3.09 -17.85	44.77 -3.06 -19.91	54.50 -3.72 -22.16	50.98 -3.56 -18.62	44.68 -2.73 -19.36	43.29 -2.64 -19.25	40.39 -2.74 -17.63	42.27 -2.27 -22.70	26.34 0.61 -31.65
DUNKIRK___4 23566	91.47 -4.54 -1.85	95.22 -5.20 -0.92	83.08 -5.62 -6.25	48.12 -2.22 -17.97	47.38 -2.12 -17.37	47.75 -1.82 -20.54	66.91 -4.24 -15.06	48.35 -2.59 -21.79	47.81 -2.60 -19.55	42.39 -3.20 -10.67	45.57 -3.47 -15.13	43.34 -3.70 -13.18	42.26 -3.25 -16.54	41.37 -3.20 -15.30	42.44 -3.32 -14.65	44.65 -3.09 -17.85	44.77 -3.06 -19.91	54.50 -3.72 -22.16	50.98 -3.56 -18.62	44.68 -2.73 -19.36	43.29 -2.64 -19.25	40.39 -2.74 -17.63	42.27 -2.27 -22.70	26.34 0.61 -31.65
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	111.98 7.90 -9.92	113.50 7.76 -6.24	123.46 6.34 -34.67	135.41 2.44 -100.61	131.85 2.46 -97.26	145.56 1.99 -114.55	144.08 4.27 -83.73	152.52 2.26 -121.11	141.46 2.42 -108.17	98.65 2.94 -60.79	127.06 2.93 -90.23	113.06 2.94 -76.26	123.27 2.49 -91.81	125.95 2.56 -94.12	116.69 2.74 -82.85	132.80 2.58 -100.33	140.94 2.37 -110.64	165.33 3.06 -126.22	147.44 3.08 -108.44	141.62 2.36 -111.22	135.92 2.23 -107.01	125.62 2.13 -97.98	149.83 1.81 -126.17	169.55 -0.46 -175.93
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	111.74 7.74 -9.83	113.41 7.65 -6.25	122.38 6.26 -33.67	131.96 2.44 -97.16	128.51 2.45 -93.93	141.68 2.02 -110.63	141.25 4.31 -80.86	148.41 2.30 -116.96	137.76 2.42 -104.47	96.32 2.85 -58.55	123.69 2.76 -87.03	109.95 2.74 -73.35	119.90 2.32 -88.62	121.78 2.39 -90.12	113.57 2.58 -79.89	129.16 2.47 -96.79	137.10 2.33 -106.85	160.78 3.08 -121.64	143.32 3.09 -104.31	137.52 2.37 -107.11	132.25 2.23 -103.34	122.24 2.10 -94.62	145.47 1.77 -121.85	163.54 -0.44 -169.90

E179THST_138_KV_TB4_REV_LBMP_J 345001	112.03 7.96 -9.92	113.29 7.55 -6.24	123.59 6.46 -34.67	135.43 2.45 -100.61	131.86 2.46 -97.27	145.54 1.96 -114.56	144.13 4.31 -83.74	152.56 2.29 -121.11	141.50 2.45 -108.18	98.73 3.01 -60.81	127.12 2.99 -90.22	113.16 3.02 -76.27	123.37 2.58 -91.82	126.06 2.66 -94.13	116.79 2.85 -82.85	132.87 2.65 -100.33	140.98 2.42 -110.64	165.36 3.08 -126.23	147.49 3.13 -108.46	141.69 2.42 -111.23	136.02 2.32 -107.02	125.72 2.21 -97.99	149.89 1.86 -126.18	169.55 -0.47 -175.94
E179THST_13_KV_LOAD 356214	112.50 8.43 -9.92	113.77 8.03 -6.24	123.97 6.85 -34.67	135.58 2.60 -100.61	132.00 2.60 -97.27	145.68 2.10 -114.56	144.42 4.60 -83.74	152.72 2.45 -121.11	141.67 2.62 -108.18	98.93 3.20 -60.81	127.29 3.16 -90.22	113.35 3.22 -76.27	123.53 2.74 -91.82	126.22 2.83 -94.13	116.97 3.02 -82.85	133.05 2.83 -100.33	141.15 2.58 -110.64	165.57 3.29 -126.23	147.71 3.34 -108.46	141.86 2.58 -111.23	136.17 2.47 -107.02	125.86 2.36 -97.99	150.01 1.98 -126.18	169.52 -0.50 -175.94
EAST HAMPTON___GT 23717	115.34 11.26 -9.92	116.10 10.36 -6.24	124.21 7.08 -34.68	135.43 2.44 -100.63	132.55 3.14 -97.28	146.43 2.83 -114.58	145.76 5.93 -83.74	152.72 2.43 -121.13	141.74 2.68 -108.19	98.77 3.05 -60.81	127.63 3.48 -90.25	113.37 3.23 -76.28	123.34 2.54 -91.83	125.99 2.58 -94.14	117.00 3.04 -82.86	133.48 3.24 -100.35	141.81 3.22 -110.67	166.35 4.05 -126.25	148.76 4.39 -108.47	145.13 3.27 -113.82	153.65 3.02 -123.95	132.75 2.82 -104.42	150.37 2.33 -126.19	169.46 -0.59 -175.96
EAST RIVER___6 23660	112.02 7.94 -9.92	113.47 7.73 -6.24	123.55 6.43 -34.67	135.41 2.44 -100.61	131.83 2.44 -97.26	145.53 1.95 -114.55	144.03 4.22 -83.72	152.56 2.30 -121.10	141.49 2.46 -108.17	98.82 3.12 -60.79	127.23 3.10 -90.22	113.29 3.16 -76.26	123.48 2.70 -91.81	126.17 2.79 -94.12	116.93 2.99 -82.84	132.97 2.75 -100.32	141.06 2.50 -110.64	165.41 3.14 -126.22	147.51 3.16 -108.44	141.68 2.42 -111.22	135.98 2.30 -107.01	125.71 2.23 -97.97	149.89 1.88 -126.16	169.54 -0.47 -175.92
EAST RIVER___7 23524	112.02 7.94 -9.92	113.47 7.73 -6.24	123.55 6.43 -34.67	135.41 2.44 -100.61	131.83 2.44 -97.26	145.53 1.95 -114.55	144.03 4.22 -83.72	152.56 2.30 -121.10	141.49 2.46 -108.17	98.82 3.12 -60.79	127.23 3.10 -90.22	113.29 3.16 -76.26	123.48 2.70 -91.81	126.17 2.79 -94.12	116.93 2.99 -82.84	132.97 2.75 -100.32	141.06 2.50 -110.64	165.41 3.14 -126.22	147.51 3.16 -108.44	141.68 2.42 -111.22	135.98 2.30 -107.01	125.71 2.23 -97.97	149.89 1.88 -126.16	169.54 -0.47 -175.92
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	111.68 7.62 -9.90	113.24 7.51 -6.22	123.20 6.15 -34.60	135.15 2.38 -100.41	131.57 2.37 -97.07	145.27 1.92 -114.33	143.77 4.12 -83.56	152.22 2.19 -120.87	141.16 2.33 -107.96	98.43 2.84 -60.67	126.76 2.81 -90.05	112.80 2.83 -76.11	123.00 2.39 -91.63	125.66 2.47 -93.92	116.42 2.64 -82.68	132.50 2.48 -100.13	140.63 2.29 -110.43	164.97 2.95 -125.97	147.10 2.97 -108.22	141.31 2.28 -111.00	135.63 2.15 -106.80	125.35 2.05 -97.79	149.52 1.75 -125.92	169.22 -0.44 -175.58
EAST_HAMPTON___DIESEL 23722	115.14 11.06 -9.92	115.85 10.10 -6.24	124.00 6.87 -34.68	135.35 2.36 -100.63	132.46 3.05 -97.28	146.35 2.75 -114.58	145.60 5.77 -83.74	152.66 2.37 -121.13	141.67 2.61 -108.19	98.69 2.97 -60.81	127.54 3.39 -90.25	113.28 3.14 -76.28	123.26 2.46 -91.83	125.91 2.50 -94.14	116.91 2.95 -82.86	133.39 3.15 -100.35	141.72 3.14 -110.67	166.25 3.95 -126.25	148.67 4.29 -108.47	145.05 3.18 -113.82	153.58 2.95 -123.95	132.68 2.75 -104.42	150.31 2.27 -126.19	169.48 -0.57 -175.96
EAST_POINT___SOLAR 323840	144.14 6.77 -43.21	141.64 6.87 -35.26	160.07 5.60 -72.02	182.45 2.25 -147.84	177.34 2.29 -142.92	199.53 2.17 -168.33	183.51 4.39 -123.04	209.55 2.38 -178.00	192.23 2.35 -159.01	122.76 2.34 -85.51	165.80 1.82 -130.07	140.30 1.45 -104.98	164.14 1.34 -133.83	150.43 1.51 -119.65	151.90 1.85 -118.95	177.30 2.23 -145.17	192.81 2.29 -162.59	218.48 3.06 -179.37	188.47 3.13 -149.43	186.65 2.37 -156.24	186.12 2.18 -157.25	171.49 2.00 -143.98	208.88 1.62 -185.41	252.23 -0.39 -258.53
EAST_PULASKI___ESR 323781	92.08 -2.08 0.00	97.19 -2.31 0.00	82.37 -2.08 -1.99	38.93 -0.76 -7.33	38.26 -0.74 -6.86	32.49 -0.83 -4.29	55.62 -1.60 -1.13	34.55 -0.76 -6.15	34.77 -0.82 -4.72	34.43 -0.95 -0.47	35.07 -0.94 -2.11	34.66 -0.99 -1.79	31.57 -0.86 -3.46	30.38 -0.91 -2.02	24.69 -1.00 5.41	30.67 -1.00 -1.78	34.43 -0.87 -7.37	44.27 -1.03 -9.25	42.57 -1.06 -7.71	35.26 -0.83 -8.06	31.18 -0.77 -5.27	29.17 -0.75 -4.41	27.89 -0.70 -6.74	6.44 0.20 -12.15
EAST_RIVER___1 323558	112.00 7.92 -9.92	113.49 7.75 -6.24	123.52 6.40 -34.67	135.41 2.45 -100.61	131.85 2.46 -97.26	145.54 1.97 -114.55	144.07 4.26 -83.72	152.54 2.28 -121.10	141.48 2.45 -108.17	98.77 3.06 -60.79	127.19 3.06 -90.22	113.24 3.12 -76.26	123.44 2.66 -91.81	126.13 2.75 -94.12	116.88 2.93 -82.84	132.95 2.74 -100.32	141.04 2.48 -110.64	165.41 3.14 -126.22	147.52 3.17 -108.44	141.68 2.42 -111.22	135.97 2.29 -107.01	125.69 2.20 -97.97	149.89 1.87 -126.16	169.53 -0.47 -175.92
EAST_RIVER___2 323559	112.02 7.94 -9.92	113.47 7.73 -6.24	123.55 6.43 -34.67	135.41 2.44 -100.61	131.83 2.44 -97.26	145.53 1.95 -114.55	144.03 4.22 -83.72	152.56 2.30 -121.10	141.49 2.46 -108.17	98.82 3.12 -60.79	127.23 3.10 -90.22	113.29 3.16 -76.26	123.48 2.70 -91.81	126.17 2.79 -94.12	116.93 2.99 -82.84	132.97 2.75 -100.32	141.06 2.50 -110.64	165.41 3.14 -126.22	147.51 3.16 -108.44	141.68 2.42 -111.22	135.98 2.30 -107.01	125.71 2.23 -97.97	149.89 1.88 -126.16	169.54 -0.47 -175.92
EAST___DELAWARE_HYD 23607	111.39 7.46 -9.77	113.17 7.33 -6.33	120.62 5.98 -32.19	126.59 2.35 -91.89	123.34 2.38 -88.83	135.66 2.02 -104.62	136.94 4.39 -76.47	142.14 2.38 -110.60	132.15 2.50 -98.79	92.86 2.85 -55.09	118.69 2.67 -82.11	105.26 2.54 -68.85	114.84 2.15 -83.72	115.40 2.25 -83.88	108.94 2.49 -75.35	123.71 2.44 -91.38	131.34 2.37 -101.05	153.86 3.20 -114.60	136.85 3.00 -97.94	131.12 2.30 -100.78	126.55 2.14 -97.73	116.96 1.97 -89.48	138.70 1.62 -115.23	154.37 -0.39 -160.67
EIGHT_POINT___WT_PWR 323820	93.09 -3.42 -2.36	96.65 -4.38 -1.52	85.39 -4.91 -7.85	52.71 -2.11 -22.46	51.82 -2.02 -21.71	52.89 -1.78 -25.65	70.83 -4.04 -18.79	53.93 -2.41 -27.18	52.62 -2.52 -24.28	45.05 -3.08 -13.22	53.96 -3.30 -23.35	46.70 -3.50 -16.33	46.42 -3.03 -20.48	45.44 -2.88 -19.04	46.59 -2.80 -18.28	49.57 -2.59 -22.26	50.34 -2.42 -24.83	60.84 -2.87 -27.65	56.41 -2.73 -23.23	50.01 -2.18 -24.16	48.65 -2.05 -24.01	45.43 -2.07 -21.99	48.49 -1.67 -28.32	34.07 0.50 -39.48
ELBRIDGE_115KV_TB2 80188	95.01 0.85 0.00	100.18 0.67 0.00	85.83 0.17 -3.21	44.27 0.10 -11.81	43.67 0.18 -11.36	42.67 -0.05 -13.70	66.41 -0.45 -10.77	44.47 -0.27 -15.58	44.50 -0.29 -13.92	42.18 -0.31 -7.57	45.00 -0.35 -11.45	42.85 -0.37 -9.35	40.43 -0.28 -11.74	39.92 -0.26 -10.91	41.33 -0.25 -10.48	42.44 -0.22 -12.76	41.93 -0.23 -14.24	51.66 -0.24 -15.85	48.98 -0.25 -13.31	41.71 -0.18 -13.85	40.24 -0.21 -13.77	37.89 -0.23 -12.61	37.86 -0.23 -16.23	16.79 0.07 -22.64
ELEC_TRO_TEK 24086	113.29 9.21 -9.92	114.70 8.96 -6.24	124.30 7.17 -34.68	135.72 2.73 -100.63	132.22 2.81 -97.28	145.96 2.36 -114.58	144.83 5.00 -83.74	152.89 2.60 -121.13	141.87 2.80 -108.19	99.04 3.32 -60.81	127.44 3.29 -90.25	113.41 3.27 -76.28	123.47 2.67 -91.83	126.15 2.74 -94.14	116.99 3.02 -82.86	133.17 2.93 -100.35	141.29 2.70 -110.67	165.65 3.35 -126.25	147.93 3.55 -108.47	142.74 2.76 -111.94	153.03 2.59 -123.75	132.40 2.47 -104.42	150.12 2.08 -126.19	169.52 -0.53 -175.96

ELLENBURG_WT_PWR 323604	91.38 -2.78 0.00	96.74 -2.77 0.00	80.17 -2.28 0.00	31.19 -1.17 0.00	27.42 -1.45 3.26	-27.83 -2.95 53.90	-21.23 -5.92 71.39	-17.91 -3.09 43.98	-22.67 -2.95 50.59	-25.25 -2.70 57.47	-27.64 -2.82 58.73	-22.25 -3.20 52.91	-23.57 -2.42 50.12	-24.50 -2.40 51.37	-23.78 -2.71 52.18	-18.32 -2.98 45.23	12.49 -2.74 12.69	17.35 -3.44 15.27	28.58 -3.48 3.85	25.13 -2.91 0.00	-17.55 -2.92 41.31	-21.06 -2.75 43.82	-21.30 -2.25 40.90	-22.36 0.48 16.92
ELM_ST_23_KV_LD_REV_LBMP_A 345012	90.41 -5.54 -1.79	94.12 -6.27 -0.89	82.33 -6.18 -6.07	47.43 -2.38 -17.45	46.72 -2.28 -16.87	46.98 -2.00 -19.95	66.00 -4.72 -14.63	47.42 -2.90 -21.17	46.78 -2.99 -18.90	41.58 -3.62 -10.29	44.51 -3.88 -14.48	42.51 -4.07 -12.71	41.34 -3.57 -15.94	40.64 -3.45 -14.82	41.76 -3.57 -14.24	43.87 -3.36 -17.34	43.97 -3.29 -19.34	53.49 -4.10 -21.53	50.10 -3.90 -18.09	43.89 -2.96 -18.81	42.53 -2.85 -18.70	39.69 -2.94 -17.12	41.43 -2.47 -22.05	25.49 0.65 -30.75
EMPIRE_CC_1 323656	116.98 4.66 -18.16	117.34 4.94 -12.89	134.76 4.09 -48.23	162.05 1.56 -128.14	157.50 1.50 -123.87	175.81 0.89 -145.90	164.44 1.71 -106.64	179.78 0.92 -149.70	159.29 0.98 -127.43	110.09 1.03 -74.15	147.61 1.01 -112.70	125.99 1.05 -91.08	142.68 0.88 -112.83	128.56 0.86 -98.43	135.15 0.89 -103.16	156.58 0.81 -125.87	169.60 0.75 -140.92	192.59 0.93 -155.61	166.51 0.85 -129.74	164.29 0.67 -135.58	163.62 0.65 -136.29	150.97 0.67 -124.79	183.12 0.58 -160.69	217.98 -0.17 -224.07
EMPIRE_CC_2 323658	116.98 4.66 -18.16	117.34 4.94 -12.89	134.76 4.09 -48.23	162.05 1.56 -128.14	157.50 1.50 -123.87	175.81 0.89 -145.90	164.44 1.71 -106.64	179.78 0.92 -149.70	159.29 0.98 -127.43	110.09 1.03 -74.15	147.61 1.01 -112.70	125.99 1.05 -91.08	142.68 0.88 -112.83	128.56 0.86 -98.43	135.15 0.89 -103.16	156.58 0.81 -125.87	169.60 0.75 -140.92	192.59 0.93 -155.61	166.51 0.85 -129.74	164.29 0.67 -135.58	163.62 0.65 -136.29	150.97 0.67 -124.79	183.12 0.58 -160.69	217.98 -0.17 -224.07
ENORWICH_115KV_TB1 80156	106.44 7.49 -4.79	110.23 7.44 -3.29	100.91 5.89 -12.57	67.85 2.26 -33.23	66.35 2.10 -32.12	68.66 1.76 -37.88	87.42 3.63 -27.71	71.06 1.83 -40.07	68.53 1.87 -35.80	56.33 1.93 -19.49	64.96 1.61 -29.44	59.32 1.38 -24.07	60.27 1.10 -30.20	58.52 1.16 -28.09	59.49 1.44 -26.96	64.22 1.50 -32.83	65.97 1.44 -36.61	78.97 2.15 -40.77	72.25 2.07 -34.27	65.24 1.57 -35.63	63.51 1.42 -35.41	59.10 1.17 -32.42	64.51 0.91 -41.75	52.06 -0.24 -58.21
ERIE_ST__34_KV_TB1-2 80199	92.72 -3.32 -1.87	96.53 -3.91 -0.93	84.47 -4.30 -6.32	48.83 -1.69 -18.17	48.10 -1.59 -17.57	48.43 -1.36 -20.77	67.84 -3.47 -15.23	48.96 -2.22 -22.02	48.30 -2.24 -19.67	42.86 -2.76 -10.71	46.20 -3.01 -15.30	43.97 -3.12 -13.23	42.83 -2.74 -16.59	42.08 -2.62 -15.42	43.26 -2.65 -14.81	45.46 -2.47 -18.04	45.59 -2.45 -20.12	55.37 -3.08 -22.40	51.75 -2.98 -18.82	45.35 -2.27 -19.57	43.96 -2.18 -19.46	41.03 -2.30 -17.82	42.87 -1.92 -22.94	26.59 0.51 -31.99
ERIE_WT_PWR 323693	91.20 -4.80 -1.84	95.03 -5.39 -0.91	83.13 -5.54 -6.22	48.14 -2.10 -17.88	47.40 -2.02 -17.29	47.69 -1.78 -20.45	66.78 -4.29 -14.99	48.18 -2.66 -21.69	47.51 -2.72 -19.37	42.15 -3.31 -10.54	45.20 -3.64 -14.93	43.08 -3.80 -13.02	41.95 -3.35 -16.34	41.23 -3.23 -15.19	42.38 -3.31 -14.58	44.53 -3.12 -17.76	44.67 -3.06 -19.81	54.32 -3.79 -22.05	50.84 -3.61 -18.53	44.27 -2.74 -18.97	43.20 -2.64 -19.16	40.30 -2.75 -17.54	42.14 -2.30 -22.59	26.19 0.61 -31.50
ESPRGFLD_115KV_TB1 80157	129.52 3.44 -31.92	128.60 3.36 -25.74	108.61 2.67 -23.49	33.49 1.13 0.00	33.29 1.16 0.00	30.19 1.17 0.00	58.47 2.38 0.00	30.43 1.27 0.00	32.20 1.33 0.00	36.41 1.50 0.00	35.28 1.38 0.00	35.13 1.27 0.00	30.03 1.06 0.00	30.47 1.20 0.00	32.43 1.33 0.00	31.28 1.39 0.00	29.25 1.33 0.00	37.75 1.69 0.00	37.71 1.80 0.00	29.39 1.35 0.00	27.92 1.24 0.00	26.63 1.12 0.00	22.76 0.90 0.00	-6.12 -0.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	99.07 2.19 -2.72	103.30 2.01 -1.78	92.28 1.28 -8.55	56.99 0.55 -24.08	56.02 0.61 -23.28	57.03 0.48 -27.53	77.22 0.94 -20.19	58.80 0.44 -29.20	57.41 0.46 -26.08	49.60 0.49 -14.20	55.73 0.37 -21.45	51.73 0.33 -17.54	51.27 0.30 -22.00	50.07 0.34 -20.46	51.20 0.46 -19.64	54.30 0.48 -23.92	55.03 0.43 -26.68	66.45 0.69 -29.70	61.51 0.64 -24.96	54.50 0.50 -25.96	52.92 0.44 -25.80	49.47 0.33 -23.62	52.53 0.25 -30.42	36.45 -0.05 -42.42
ETNA____115KV_TB2 80207	99.07 2.19 -2.72	103.30 2.01 -1.78	92.28 1.28 -8.55	56.99 0.55 -24.08	56.02 0.61 -23.28	57.03 0.48 -27.53	77.22 0.94 -20.19	58.80 0.44 -29.20	57.41 0.46 -26.08	49.60 0.49 -14.20	55.73 0.37 -21.45	51.73 0.33 -17.54	51.27 0.30 -22.00	50.07 0.34 -20.46	51.20 0.46 -19.64	54.30 0.48 -23.92	55.03 0.43 -26.68	66.45 0.69 -29.70	61.51 0.64 -24.96	54.50 0.50 -25.96	52.92 0.44 -25.80	49.47 0.33 -23.62	52.53 0.25 -30.42	36.45 -0.05 -42.42
EUCLID____115KV_TB2 356179	92.54 -1.62 0.00	97.61 -1.90 0.00	83.22 -1.75 -2.52	41.01 -0.61 -9.26	40.45 -0.57 -8.89	38.06 -0.56 -9.59	61.41 -1.23 -6.56	39.14 -0.64 -10.63	39.46 -0.68 -9.27	38.52 -0.80 -4.40	40.41 -0.77 -7.27	38.84 -0.78 -5.75	35.98 -0.65 -7.66	35.37 -0.67 -6.77	37.28 -0.72 -6.90	37.78 -0.67 -8.57	37.78 -0.64 -10.49	46.84 -0.81 -11.59	44.78 -0.80 -9.66	37.53 -0.61 -10.10	35.45 -0.57 -9.34	33.37 -0.58 -8.44	32.51 -0.50 -11.17	10.58 0.14 -16.36
E_CANADA_CAP_HY 24051	138.44 3.88 -40.40	136.26 3.86 -32.89	157.05 3.12 -71.48	187.10 1.28 -153.46	181.78 1.30 -148.35	205.07 1.32 -174.73	186.36 2.56 -127.71	215.32 1.40 -184.76	197.32 1.41 -165.05	170.19 1.46 -88.79	143.93 1.25 -135.03	168.76 0.87 -109.04	154.71 1.07 -138.92	155.78 1.19 -124.37	182.01 1.41 -123.49	198.09 1.40 -150.71	224.09 1.79 -168.77	193.03 1.91 -186.24	191.72 1.44 -155.20	191.24 1.33 -162.24	176.21 1.24 -163.23	215.31 1.01 -149.45	262.20 -0.23 -192.45	
E_CANADA_MHWK_HY 24050	98.46 4.30 0.00	103.82 4.31 0.00	85.98 3.53 0.00	33.73 1.37 0.00	33.46 1.34 0.00	29.90 0.72 -0.15	57.90 1.73 -0.09	30.08 0.92 0.00	35.77 0.91 0.00	34.58 0.85 0.00	34.23 0.52 -0.16	29.28 0.37 0.00	29.78 0.31 0.00	33.87 0.33 -0.18	31.36 0.59 -2.18	28.95 0.76 -0.71	37.31 0.78 -0.25	37.03 1.25 0.00	28.90 1.12 0.00	27.50 0.86 0.00	26.23 0.82 0.00	22.43 0.72 0.00	-6.11 -0.20 0.00	
E_FISHKILL____LBMP 23776	111.32 7.06 -10.10	112.83 6.98 -6.35	123.48 5.71 -35.32	137.07 2.21 -102.51	133.43 2.21 -99.09	147.49 1.75 -116.71	145.13 3.74 -85.31	154.54 1.99 -123.39	143.20 2.12 -110.21	99.43 2.54 -61.97	128.35 2.50 -91.95	114.13 2.51 -77.76	124.65 2.13 -93.55	127.51 2.19 -96.05	117.87 2.33 -84.43	134.32 2.19 -102.24	142.67 2.02 -112.73	167.33 2.62 -128.65	149.11 2.63 -110.57	143.43 2.01 -113.38	137.62 1.91 -109.03	127.17 1.83 -99.83	151.97 1.57 -128.55	172.93 -0.39 -179.24
FALCON____SEABRD_CC1 323796	92.64 -1.52 0.00	98.00 -1.50 0.00	81.23 -1.22 0.00	31.61 -0.75 0.00	27.79 -1.09 3.25	-27.49 -2.74 53.78	-20.56 -5.41 71.23	-17.55 -2.82 43.88	-22.24 -2.63 50.47	-24.86 -2.45 57.34	-27.18 -2.48 58.60	-21.73 -2.81 52.79	-23.20 -2.16 50.01	-24.25 -2.25 51.26	-23.57 -2.49 52.18	-17.97 -2.70 45.17	12.02 -2.50 13.40	16.76 -3.09 16.21	28.70 -3.12 4.09	25.39 -2.65 0.00	-17.17 -2.64 41.21	-20.72 -2.51 43.72	-20.99 -2.03 40.81	-22.41 0.39 16.88

FALCON___SEABRD_CC2 323797	92.64 -1.52 0.00	98.00 -1.50 0.00	81.23 -1.22 0.00	31.61 -0.75 0.00	27.79 -1.09 3.25	-27.49 -2.74 53.78	-20.56 -5.41 71.23	-17.55 -2.82 43.88	-22.24 -2.63 50.47	-24.86 -2.45 57.34	-27.18 -2.48 58.60	-21.73 -2.81 52.79	-23.20 -2.16 50.01	-24.25 -2.25 51.26	-23.57 -2.49 52.18	-17.97 -2.70 45.17	12.02 -2.50 13.40	16.76 -3.09 16.21	28.70 -3.12 4.09	25.39 -2.65 0.00	-17.17 -2.64 41.21	-20.72 -2.51 43.72	-20.99 -2.03 40.81	-22.41 0.39 16.88
FAR ROCKAWAY___4 23548	114.71 10.64 -9.92	116.16 10.42 -6.24	125.49 8.36 -34.68	136.20 3.20 -100.63	132.68 3.28 -97.28	146.41 2.81 -114.58	145.76 5.93 -83.74	153.37 3.08 -121.13	142.36 3.29 -108.19	99.60 3.87 -60.81	127.97 3.82 -90.25	113.94 3.80 -76.28	123.67 2.87 -91.83	126.36 2.94 -94.14	117.22 3.26 -82.86	133.40 3.16 -100.35	141.51 2.93 -110.67	165.98 3.68 -126.25	148.32 3.94 -108.47	144.39 3.23 -113.12	153.47 3.05 -123.73	132.85 2.92 -104.42	150.49 2.44 -126.19	169.43 -0.62 -175.96
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	112.08 8.01 -9.92	113.58 7.84 -6.24	123.56 6.44 -34.67	135.44 2.47 -100.61	131.88 2.49 -97.26	145.57 1.99 -114.55	144.11 4.29 -83.72	152.57 2.31 -121.11	141.51 2.48 -108.17	98.80 3.09 -60.79	127.21 3.08 -90.23	113.25 3.13 -76.26	123.45 2.67 -91.81	126.15 2.76 -94.12	116.90 2.95 -82.84	132.96 2.74 -100.33	141.06 2.49 -110.64	165.44 3.16 -126.22	147.55 3.19 -108.44	141.69 2.43 -111.22	135.99 2.30 -107.01	125.70 2.22 -97.98	149.90 1.88 -126.16	169.53 -0.48 -175.92
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	112.17 8.09 -9.92	113.65 7.91 -6.24	123.62 6.50 -34.67	135.47 2.50 -100.61	131.89 2.50 -97.26	145.59 2.01 -114.55	144.16 4.35 -83.72	152.60 2.33 -121.11	141.54 2.50 -108.17	98.81 3.11 -60.79	127.22 3.09 -90.23	113.27 3.15 -76.26	123.46 2.68 -91.81	126.17 2.78 -94.12	116.91 2.97 -82.84	132.98 2.76 -100.33	141.08 2.52 -110.64	165.46 3.19 -126.22	147.57 3.21 -108.44	141.71 2.45 -111.22	136.02 2.33 -107.01	125.72 2.24 -97.98	149.92 1.90 -126.16	169.52 -0.48 -175.92
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	112.05 7.97 -9.92	113.53 7.79 -6.24	123.53 6.41 -34.67	135.43 2.46 -100.61	131.86 2.47 -97.26	145.56 1.98 -114.55	144.09 4.27 -83.72	152.56 2.30 -121.11	141.50 2.46 -108.17	98.77 3.06 -60.79	127.19 3.06 -90.23	113.24 3.11 -76.26	123.43 2.65 -91.81	126.13 2.74 -94.12	116.88 2.93 -82.84	132.95 2.73 -100.33	141.05 2.48 -110.64	165.42 3.14 -126.22	147.52 3.16 -108.44	141.68 2.42 -111.22	135.98 2.29 -107.01	125.69 2.20 -97.98	149.89 1.87 -126.16	169.53 -0.47 -175.92
FARRAGUT___LBMP 323566	111.98 7.90 -9.92	113.45 7.71 -6.24	123.46 6.34 -34.67	135.40 2.44 -100.61	131.83 2.44 -97.26	145.53 1.95 -114.55	144.03 4.22 -83.72	152.53 2.27 -121.11	141.46 2.43 -108.17	98.73 3.02 -60.79	127.15 3.02 -90.23	113.20 3.08 -76.26	123.40 2.62 -91.81	126.10 2.72 -94.12	116.85 2.90 -82.84	132.91 2.69 -100.33	141.01 2.45 -110.64	165.38 3.10 -126.22	147.48 3.13 -108.44	141.65 2.39 -111.22	135.95 2.26 -107.01	125.66 2.18 -97.98	149.86 1.85 -126.16	169.53 -0.47 -175.92
FENNER___WINDPWR 24204	97.71 2.23 -1.32	102.40 2.23 -0.66	88.60 1.60 -4.55	46.17 0.66 -13.16	45.46 0.70 -12.63	43.49 0.53 -13.94	66.57 1.09 -9.39	44.65 0.56 -14.92	44.51 0.61 -13.04	41.90 0.66 -6.33	45.01 0.60 -10.50	42.70 0.56 -8.28	40.26 0.48 -10.81	39.93 0.49 -10.17	44.27 0.59 -12.58	43.49 0.59 -13.01	43.46 0.56 -14.99	53.10 0.72 -16.32	50.27 0.65 -13.71	42.78 0.48 -14.26	40.24 0.43 -13.12	37.74 0.37 -11.86	37.82 0.30 -15.67	16.92 -0.04 -22.88
FIBERTEK___ENERGY 23856	94.73 0.57 0.00	99.88 0.37 0.00	85.50 0.03 -3.01	43.51 0.07 -11.09	42.93 0.14 -10.66	41.17 -0.02 -12.17	64.54 -0.28 -8.73	42.61 -0.17 -13.62	42.65 -0.19 -11.98	40.72 -0.21 -6.01	43.26 -0.22 -9.57	41.36 -0.24 -7.73	38.77 -0.17 -9.98	38.31 -0.17 -9.20	39.93 -0.16 -8.98	40.82 -0.13 -11.07	40.90 -0.14 -13.12	50.52 -0.14 -14.61	48.03 -0.15 -12.27	40.69 -0.11 -12.76	38.55 -0.12 -12.00	36.24 -0.15 -10.88	35.96 -0.16 -14.27	14.71 0.05 -20.58
FITZPATRICK___ 23598	90.68 -3.48 0.00	95.74 -3.77 0.00	80.79 -3.22 -1.56	36.90 -1.18 -5.72	36.49 -1.17 -5.53	34.49 -1.07 -6.54	58.62 -2.25 -4.78	34.92 -1.15 -6.92	35.82 -1.23 -6.18	36.83 -1.41 -3.33	37.61 -1.35 -5.06	36.60 -1.35 -4.09	33.03 -1.14 -5.20	32.77 -1.17 -4.67	34.45 -1.28 -4.63	34.31 -1.23 -5.64	33.10 -1.14 -6.32	41.55 -1.48 -6.98	40.26 -1.47 -5.82	33.00 -1.12 -6.08	31.75 -1.05 -6.11	30.10 -1.01 -5.60	28.20 -0.86 -7.20	4.36 0.23 -10.05
FLOWRFLD_69_KV_BK1 356044	115.49 11.41 -9.92	116.79 11.04 -6.24	125.79 8.66 -34.68	136.22 3.23 -100.63	132.82 3.41 -97.28	146.59 2.99 -114.58	146.06 6.23 -83.74	153.42 3.13 -121.13	142.40 3.34 -108.19	99.62 3.90 -60.81	127.93 3.78 -90.25	113.90 3.76 -76.28	123.85 3.05 -91.83	126.52 3.11 -94.14	117.50 3.54 -82.86	133.82 3.58 -100.35	141.88 3.29 -110.67	166.43 4.12 -126.25	148.84 4.47 -108.47	145.16 3.39 -113.73	153.80 3.17 -123.95	133.04 3.11 -104.42	150.63 2.58 -126.19	169.39 -0.65 -175.96
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	113.14 8.84 -10.14	114.75 8.81 -6.43	124.51 7.18 -34.87	135.90 2.79 -100.75	132.33 2.81 -97.39	146.06 2.33 -114.71	144.87 4.94 -83.84	153.07 2.64 -121.27	141.97 2.79 -108.31	98.94 3.24 -60.79	127.32 3.13 -90.29	113.17 3.10 -76.20	123.50 2.62 -91.91	125.79 2.69 -93.83	116.90 2.90 -82.90	133.10 2.80 -100.41	141.35 2.63 -110.79	165.78 3.48 -126.25	147.77 3.49 -108.37	141.93 2.68 -111.21	136.36 2.52 -107.15	125.99 2.37 -98.11	150.19 2.00 -126.34	169.75 -0.50 -176.16
FORT ORANGE___ 23900	123.87 4.88 -24.83	123.39 5.11 -18.77	140.44 4.18 -53.81	164.44 1.48 -130.61	159.80 1.41 -126.26	178.49 0.76 -148.71	166.15 1.37 -108.70	185.01 0.61 -155.24	167.42 0.58 -135.97	110.92 0.61 -75.40	149.22 0.56 -114.75	126.89 0.49 -92.53	146.18 0.44 -116.77	132.63 0.45 -102.91	136.61 0.47 -105.04	158.58 0.47 -128.21	172.09 0.53 -143.64	195.10 0.67 -158.37	168.35 0.58 -131.86	166.39 0.44 -137.92	166.01 0.41 -138.92	153.17 0.46 -127.20	186.06 0.42 -163.79	222.25 -0.23 -228.39
FORT_DRUM_COGEN 23780	94.03 -0.12 0.00	98.50 -1.01 0.00	82.54 -1.32 -1.41	36.88 -0.67 -5.19	35.79 -0.67 -4.33	20.83 -1.11 7.09	42.97 -1.52 11.59	25.93 -0.61 2.62	25.47 -0.66 4.74	25.07 -0.87 8.97	23.31 -1.09 9.50	25.34 -1.26 7.26	22.23 -1.15 5.59	19.42 -1.27 8.58	-4.08 -1.29 33.89	15.78 -1.07 13.04	30.05 -0.62 -2.75	42.41 -0.43 -6.78	41.00 -0.57 -5.65	33.38 -0.57 -5.91	23.30 -0.54 2.83	21.06 -0.58 3.87	19.47 -0.70 1.68	0.46 0.20 -6.17
FOX_HILLS___ESR 323835	112.67 8.59 -9.92	114.05 8.30 -6.24	124.01 6.89 -34.67	135.62 2.65 -100.61	132.07 2.67 -97.27	145.75 2.17 -114.56	144.37 4.55 -83.74	131.10 2.36 -99.58	126.44 2.56 -93.01	88.11 3.16 -50.03	121.14 3.12 -84.12	113.15 3.15 -76.13	131.24 2.68 -99.59	123.18 2.76 -91.15	122.32 2.96 -88.26	132.30 2.76 -99.64	127.98 2.53 -97.53	157.80 3.27 -118.48	134.54 3.34 -95.29	128.46 2.57 -97.86	125.62 2.49 -96.45	111.88 2.40 -83.97	144.43 2.00 -120.58	169.51 -0.51 -175.94
FPL FAR_ROCK_GT1 24212	114.71 10.63 -9.92	116.16 10.42 -6.24	125.50 8.37 -34.68	136.20 3.20 -100.63	132.69 3.28 -97.28	146.42 2.82 -114.58	145.76 5.93 -83.74	153.37 3.08 -121.13	142.36 3.30 -108.19	99.59 3.87 -60.81	127.98 3.83 -90.25	113.95 3.80 -76.28	123.68 2.88 -91.83	126.35 2.94 -94.14	117.22 3.26 -82.86	133.41 3.17 -100.35	141.51 2.93 -110.67	165.99 3.69 -126.25	148.32 3.94 -108.47	144.39 3.23 -113.12	153.47 3.05 -123.73	132.85 2.92 -104.42	150.49 2.44 -126.19	169.43 -0.62 -175.96

FPL FAR_ROCK_GT2 23815	114.71 10.63 -9.92	116.16 10.42 -6.24	125.50 8.37 -34.68	136.20 3.20 -100.63	132.69 3.28 -97.28	146.42 2.82 -114.58	145.76 5.93 -83.74	153.37 3.08 -121.13	142.36 3.30 -108.19	99.59 3.87 -60.81	127.98 3.83 -90.25	113.95 3.80 -76.28	123.68 2.88 -91.83	126.35 2.94 -94.14	117.22 3.26 -82.86	133.41 3.17 -100.35	141.51 2.93 -110.67	165.99 3.69 -126.25	148.32 3.94 -108.47	144.39 3.23 -113.12	153.47 3.05 -123.73	132.85 2.92 -104.42	150.49 2.44 -126.19	169.43 -0.62 -175.96
FRANKLIN_FALL_HYD 24054	92.69 -1.47 0.00	98.05 -1.46 0.00	81.31 -1.14 0.00	31.66 -0.70 0.00	28.19 -0.97 2.97	-22.15 -2.67 48.51	-14.08 -4.85 65.31	-12.18 -2.50 38.84	-16.64 -2.25 45.26	-19.88 -2.16 52.63	-21.91 -2.33 53.49	-16.69 -2.43 48.12	-18.07 -1.90 45.15	-19.50 -2.00 46.78	-21.87 -2.15 50.81	-13.95 -2.26 41.59	27.01 -2.02 -1.11	36.80 -2.49 -3.24	35.54 -2.53 -2.16	27.81 -2.24 -2.01	-12.23 -2.30 36.60	-15.82 -2.21 39.13	-15.83 -1.82 35.87	-18.00 0.41 12.50
FREEPORT_EQU_S_GT1 23764	113.99 9.92 -9.92	115.37 9.62 -6.24	124.81 7.69 -34.68	135.90 2.91 -100.63	132.42 3.00 -97.28	146.16 2.56 -114.58	145.26 5.43 -83.74	153.11 2.82 -121.13	142.09 3.03 -108.19	99.29 3.56 -60.81	127.65 3.50 -90.25	113.61 3.46 -76.28	123.62 2.81 -91.83	126.28 2.87 -94.14	117.15 3.19 -82.86	133.36 3.12 -100.35	141.39 2.80 -110.67	165.71 3.41 -126.25	148.00 3.63 -108.47	143.26 2.82 -112.39	153.21 2.72 -123.81	132.55 2.62 -104.42	150.31 2.26 -126.19	169.48 -0.57 -175.96
FREEPORT___CT2 23818	113.99 9.92 -9.92	115.37 9.62 -6.24	124.81 7.69 -34.68	135.90 2.91 -100.63	132.42 3.00 -97.28	146.16 2.56 -114.58	145.26 5.43 -83.74	153.11 2.82 -121.13	142.09 3.03 -108.19	99.29 3.56 -60.81	127.65 3.50 -90.25	113.61 3.46 -76.28	123.62 2.81 -91.83	126.28 2.87 -94.14	117.15 3.19 -82.86	133.36 3.12 -100.35	141.39 2.80 -110.67	165.71 3.41 -126.25	148.00 3.63 -108.47	143.26 2.82 -112.39	153.21 2.72 -123.81	132.55 2.62 -104.42	150.31 2.26 -126.19	169.48 -0.57 -175.96
FRESHKLS_33_KV_LOAD 356253	112.55 8.47 -9.92	113.87 8.12 -6.24	123.87 6.75 -34.67	135.58 2.61 -100.61	132.03 2.64 -97.27	145.72 2.13 -114.56	144.30 4.48 -83.74	131.20 2.29 -99.76	128.03 2.47 -94.69	89.58 3.05 -51.62	122.04 2.99 -85.15	113.84 3.02 -76.96	132.19 2.56 -100.65	124.30 2.64 -92.39	123.44 2.83 -89.51	133.50 2.65 -100.96	129.77 2.43 -99.42	158.87 3.18 -119.64	135.94 3.29 -96.74	129.99 2.54 -99.42	127.27 2.46 -98.13	114.14 2.36 -86.27	145.06 1.95 -121.25	169.52 -0.50 -175.94
FULTON COGEN____ 23766	91.55 -2.61 0.00	96.68 -2.83 0.00	82.16 -2.47 -2.18	39.48 -0.88 -8.00	38.95 -0.84 -7.66	36.05 -0.78 -7.80	59.52 -1.61 -5.05	37.20 -0.82 -8.86	37.63 -0.88 -7.64	37.28 -1.01 -3.38	38.63 -0.97 -5.68	37.47 -0.97 -4.58	34.40 -0.82 -6.25	33.71 -0.92 -5.29	33.53 -0.89 -3.35	35.34 -0.84 -6.34	35.90 -0.84 -8.81	45.00 -1.08 -10.02	43.20 -1.07 -8.36	35.96 -0.82 -8.73	33.70 -0.75 -7.77	31.73 -0.75 -6.97	30.55 -0.65 -9.35	8.29 0.18 -14.02
FULTON___LFGE 323630	144.02 5.93 -43.92	141.35 5.98 -35.86	159.50 4.89 -72.16	180.74 1.95 -146.43	175.66 1.98 -141.56	197.56 1.81 -166.73	181.57 3.62 -121.86	207.43 1.97 -176.31	190.32 1.96 -157.49	121.56 1.96 -84.68	164.31 1.58 -128.82	139.01 1.19 -103.96	162.51 1.00 -132.54	148.93 1.20 -118.46	150.37 1.47 -117.80	175.52 1.85 -143.78	190.85 1.89 -161.04	216.21 2.52 -177.64	186.45 2.57 -147.98	184.72 1.96 -154.73	184.25 1.82 -155.75	169.79 1.67 -142.61	206.84 1.35 -183.64	249.81 -0.33 -256.06
G.F.CEMENT___DRP 24184	147.82 8.81 -44.84	145.14 9.15 -36.49	159.94 7.56 -69.93	171.06 2.96 -135.75	166.21 2.85 -131.23	185.80 2.22 -154.56	173.25 4.19 -112.97	196.58 2.09 -165.33	183.25 2.18 -150.20	115.74 2.24 -78.59	155.46 2.00 -119.55	132.30 1.96 -96.47	154.85 1.65 -124.23	143.03 1.65 -112.11	142.12 1.82 -109.20	165.00 1.82 -133.28	179.00 1.79 -149.29	203.16 2.44 -164.67	175.47 2.40 -137.15	173.29 1.83 -143.42	172.79 1.72 -144.39	159.30 1.58 -132.20	193.40 1.31 -170.24	231.17 -0.30 -237.38
GARDENVILLE___LBMP 24039	90.89 -5.10 -1.83	94.63 -5.78 -0.91	82.79 -5.84 -6.19	47.88 -2.26 -17.79	47.16 -2.16 -17.19	47.47 -1.89 -20.33	66.50 -4.49 -14.91	47.95 -2.78 -21.57	47.28 -2.85 -19.26	41.92 -3.48 -10.48	44.84 -3.73 -14.66	42.89 -3.92 -12.95	41.78 -3.44 -16.25	41.04 -3.33 -15.10	42.18 -3.42 -14.51	44.35 -3.21 -17.66	44.47 -3.15 -19.70	54.07 -3.92 -21.94	50.61 -3.73 -18.43	44.37 -2.84 -19.17	43.00 -2.73 -19.06	40.14 -2.82 -17.45	41.95 -2.36 -22.47	26.04 0.63 -31.33
GARDNVLA_35_KV_LD 355827	91.37 -4.63 -1.85	95.13 -5.29 -0.92	83.24 -5.44 -6.23	48.19 -2.09 -17.92	47.46 -1.99 -17.33	47.77 -1.74 -20.49	66.90 -4.21 -15.02	48.27 -2.62 -21.73	47.60 -2.68 -19.41	42.20 -3.29 -10.57	45.38 -3.55 -15.02	43.19 -3.72 -13.05	42.06 -3.28 -16.38	41.33 -3.16 -15.22	42.48 -3.24 -14.61	44.64 -3.05 -17.80	44.78 -2.99 -19.85	54.45 -3.70 -22.10	50.96 -3.52 -18.57	44.68 -2.67 -19.31	43.31 -2.57 -19.20	40.41 -2.67 -17.58	42.24 -2.25 -22.64	26.25 0.60 -31.57
GELCKHM__115KV_LOAD 80723	93.36 -0.80 0.00	98.49 -1.01 0.00	84.06 -1.08 -2.69	41.92 -0.35 -9.90	41.34 -0.30 -9.51	39.16 -0.35 -10.49	62.51 -0.89 -7.31	40.41 -0.47 -11.72	40.63 -0.50 -10.26	39.37 -0.58 -5.03	41.40 -0.56 -8.05	39.83 -0.58 -6.55	37.01 -0.48 -8.52	36.54 -0.48 -7.74	37.15 -0.50 -6.55	38.55 -0.47 -9.13	38.79 -0.45 -11.32	48.24 -0.56 -12.74	46.06 -0.55 -10.70	38.75 -0.42 -11.13	36.59 -0.40 -10.31	34.42 -0.42 -9.33	33.77 -0.38 -12.30	12.08 0.11 -17.89
GENERAL___MILLS 23808	91.26 -4.74 -1.84	94.98 -5.44 -0.91	83.12 -5.55 -6.22	48.10 -2.14 -17.88	47.37 -2.05 -17.29	47.69 -1.78 -20.45	66.81 -4.27 -14.99	48.17 -2.67 -21.69	47.50 -2.74 -19.37	42.11 -3.35 -10.54	45.23 -3.60 -14.93	43.11 -3.78 -13.02	41.99 -3.32 -16.34	41.25 -3.21 -15.19	42.39 -3.29 -14.58	44.56 -3.09 -17.76	44.69 -3.04 -19.81	54.33 -3.78 -22.05	50.85 -3.59 -18.53	44.58 -2.73 -19.27	43.22 -2.63 -19.16	40.33 -2.72 -17.54	42.15 -2.29 -22.59	26.19 0.61 -31.50
GE_PLASTICS___DRP 24183	119.75 3.94 -21.65	119.56 4.11 -15.94	137.32 3.40 -51.47	164.22 1.24 -130.62	159.59 1.19 -126.27	178.39 0.65 -148.72	166.07 1.28 -108.70	185.59 0.65 -155.78	168.72 0.69 -137.17	111.02 0.77 -75.34	149.35 0.72 -114.73	126.98 0.70 -92.41	146.71 0.61 -117.13	133.07 0.63 -103.18	136.74 0.65 -104.99	158.70 0.63 -128.17	172.19 0.62 -143.65	195.07 0.77 -158.25	168.29 0.72 -131.66	166.37 0.56 -137.77	166.13 0.52 -138.93	153.26 0.54 -127.21	186.13 0.48 -163.81	222.31 -0.18 -228.41
GILBOA___1 23756	106.74 3.77 -8.81	108.49 3.80 -5.18	120.36 3.39 -34.53	136.86 1.42 -103.08	133.17 1.40 -99.65	147.22 0.84 -117.36	143.50 1.64 -85.78	154.08 0.84 -124.08	142.60 0.91 -110.82	95.68 1.10 -59.67	125.66 1.06 -90.70	108.22 1.06 -73.30	123.16 0.90 -93.29	113.93 0.93 -83.74	115.07 1.00 -82.98	132.09 0.94 -101.25	142.11 0.83 -113.36	162.21 0.99 -125.17	141.33 1.05 -104.36	137.96 0.86 -109.06	137.13 0.82 -109.63	126.67 0.78 -100.38	151.79 0.68 -129.26	174.15 -0.18 -180.24
GILBOA___2 23757	106.74 3.77 -8.81	108.49 3.80 -5.18	120.36 3.39 -34.53	136.86 1.42 -103.08	133.17 1.40 -99.65	147.22 0.84 -117.36	143.50 1.64 -85.78	154.08 0.84 -124.08	142.60 0.91 -110.82	95.68 1.10 -59.67	125.66 1.06 -90.70	108.22 1.06 -73.30	123.16 0.90 -93.29	113.93 0.93 -83.74	115.07 1.00 -82.98	132.09 0.94 -101.25	142.11 0.83 -113.36	162.21 0.99 -125.17	141.33 1.05 -104.36	137.96 0.86 -109.06	137.13 0.82 -109.63	126.67 0.78 -100.38	151.79 0.68 -129.26	174.15 -0.18 -180.24

GILBOA___3 23758	106.74 3.77 -8.81	108.49 3.80 -5.18	120.36 3.39 -34.53	136.86 1.42 -103.08	133.17 1.40 -99.65	147.22 0.84 -117.36	143.50 1.64 -85.78	154.08 0.84 -124.08	142.60 0.91 -110.82	95.68 1.10 -59.67	125.66 1.06 -90.70	108.22 1.06 -73.30	123.16 0.90 -93.29	113.93 0.93 -83.74	115.07 1.00 -82.98	132.09 0.94 -101.25	142.11 0.83 -113.36	162.21 0.99 -125.17	141.33 1.05 -104.36	137.96 0.86 -109.06	137.13 0.82 -109.63	126.67 0.78 -100.38	151.79 0.68 -129.26	174.15 -0.18 -180.24
GILBOA___4 23759	106.74 3.77 -8.81	108.49 3.80 -5.18	120.36 3.39 -34.53	136.86 1.42 -103.08	133.17 1.40 -99.65	147.22 0.84 -117.36	143.50 1.64 -85.78	154.08 0.84 -124.08	142.60 0.91 -110.82	95.68 1.10 -59.67	125.66 1.06 -90.70	108.22 1.06 -73.30	123.16 0.90 -93.29	113.93 0.93 -83.74	115.07 1.00 -82.98	132.09 0.94 -101.25	142.11 0.83 -113.36	162.21 0.99 -125.17	141.33 1.05 -104.36	137.96 0.86 -109.06	137.13 0.82 -109.63	126.67 0.78 -100.38	151.79 0.68 -129.26	174.15 -0.18 -180.24
GILBOA___ 23599	106.74 3.77 -8.81	108.48 3.79 -5.18	120.36 3.39 -34.53	136.86 1.42 -103.08	133.17 1.40 -99.65	147.22 0.83 -117.36	143.50 1.64 -85.78	154.08 0.84 -124.08	142.60 0.91 -110.82	95.68 1.10 -59.67	125.66 1.06 -90.70	108.22 1.06 -73.30	123.16 0.90 -93.29	113.93 0.92 -83.74	115.07 1.00 -82.98	132.09 0.95 -101.25	142.11 0.83 -113.36	162.21 0.98 -125.17	141.33 1.05 -104.36	137.96 0.86 -109.06	137.13 0.82 -109.63	126.67 0.78 -100.38	151.79 0.67 -129.26	174.15 -0.18 -180.24
GINNA___ 23603	87.44 -6.72 0.00	92.17 -7.34 0.00	79.45 -6.46 -3.47	42.66 -2.44 -12.74	42.10 -2.34 -12.32	41.58 -2.08 -14.65	62.53 -4.36 -10.80	42.35 -2.42 -15.62	42.30 -2.52 -13.95	39.56 -2.95 -7.59	42.33 -3.05 -11.47	40.12 -3.12 -9.38	38.02 -2.71 -11.77	37.54 -2.67 -10.93	38.79 -2.82 -10.50	40.02 -2.66 -12.79	39.66 -2.53 -14.27	48.75 -3.19 -15.88	46.17 -3.08 -13.35	39.43 -2.38 -13.77	38.18 -2.30 -13.80	35.80 -2.35 -12.64	36.09 -2.03 -16.27	17.32 0.55 -22.69
GLEN PARK___ 23778	94.53 0.37 0.00	99.03 -0.48 0.00	83.03 -0.88 -1.46	37.24 -0.48 -5.37	36.19 -0.48 -4.54	21.93 -0.89 6.20	44.41 -1.07 10.61	26.86 -0.37 1.93	26.45 -0.42 4.00	26.05 -0.63 8.24	24.42 -0.89 8.60	26.21 -1.09 6.56	23.08 -1.01 4.88	20.39 -1.12 7.75	-1.76 -1.16 31.69	17.11 -0.90 11.88	30.62 -0.42 -3.12	42.93 -0.11 -6.99	41.47 -0.27 -5.83	33.80 -0.33 -6.09	24.18 -0.31 2.19	21.92 -0.38 3.22	20.30 -0.53 1.02	0.90 0.16 -6.65
GLENDALE_27_KV_LOAD 356172	112.86 8.78 -9.92	114.28 8.54 -6.24	124.20 7.08 -34.67	135.69 2.71 -100.61	132.12 2.72 -97.27	145.81 2.23 -114.56	144.61 4.79 -83.74	153.21 2.57 -121.48	145.29 2.77 -111.65	104.38 3.40 -66.06	167.88 3.38 -130.59	171.29 3.42 -134.01	166.59 2.91 -134.71	159.02 3.00 -126.75	158.63 3.21 -124.32	164.85 3.01 -131.94	164.19 2.76 -133.52	172.31 3.51 -132.75	150.91 3.54 -111.46	145.20 2.70 -114.46	139.73 2.56 -110.48	130.70 2.46 -102.74	151.49 2.08 -127.56	169.50 -0.52 -175.94
GLENWOOD_IC_1_G5 23712	113.16 9.08 -9.92	114.63 8.89 -6.24	124.31 7.19 -34.68	135.74 2.75 -100.63	132.21 2.80 -97.28	145.74 2.14 -114.58	144.42 4.59 -83.74	152.70 2.41 -121.13	141.66 2.60 -108.19	98.84 3.11 -60.81	127.24 3.09 -90.25	113.23 3.09 -76.28	123.35 2.55 -91.83	126.03 2.62 -94.14	116.83 2.87 -82.86	132.99 2.74 -100.35	141.13 2.54 -110.67	165.50 3.20 -126.25	147.71 3.33 -108.47	142.53 2.58 -111.91	152.88 2.42 -123.77	132.23 2.30 -104.42	149.98 1.94 -126.19	169.55 -0.50 -175.96
GLENWOOD_IC_2_G1 23688	112.60 8.52 -9.92	114.11 8.37 -6.24	123.89 6.76 -34.68	135.59 2.60 -100.63	132.04 2.63 -97.28	145.76 2.16 -114.58	144.42 4.59 -83.74	152.70 2.41 -121.13	141.64 2.58 -108.19	98.83 3.11 -60.81	127.24 3.09 -90.25	113.23 3.09 -76.28	123.38 2.58 -91.83	126.05 2.64 -94.14	116.83 2.86 -82.86	132.98 2.74 -100.35	141.10 2.52 -110.67	165.49 3.19 -126.25	147.67 3.29 -108.47	142.17 2.54 -111.59	152.81 2.39 -123.73	132.21 2.28 -104.42	149.97 1.93 -126.19	169.56 -0.49 -175.96
GLENWOOD_IC_3_G1 23689	112.60 8.52 -9.92	114.11 8.37 -6.24	123.89 6.76 -34.68	135.59 2.60 -100.63	132.04 2.63 -97.28	145.76 2.16 -114.58	144.42 4.59 -83.74	152.70 2.41 -121.13	141.64 2.58 -108.19	98.83 3.11 -60.81	127.24 3.09 -90.25	113.23 3.09 -76.28	123.38 2.58 -91.83	126.05 2.64 -94.14	116.83 2.86 -82.86	132.98 2.74 -100.35	141.10 2.52 -110.67	165.49 3.19 -126.25	147.67 3.29 -108.47	142.17 2.54 -111.59	152.81 2.39 -123.73	132.21 2.28 -104.42	149.97 1.93 -126.19	169.56 -0.49 -175.96
GLENWOOD___4 23550	113.16 9.08 -9.92	114.63 8.89 -6.24	124.31 7.19 -34.68	135.74 2.75 -100.63	132.21 2.81 -97.28	145.81 2.22 -114.58	144.55 4.72 -83.74	152.77 2.48 -121.13	141.73 2.67 -108.19	98.93 3.20 -60.81	127.32 3.17 -90.25	113.30 3.16 -76.28	123.42 2.62 -91.83	126.10 2.69 -94.14	116.90 2.94 -82.86	133.06 2.82 -100.35	141.19 2.61 -110.67	165.59 3.29 -126.25	147.79 3.41 -108.47	142.59 2.64 -111.91	152.94 2.48 -123.77	132.29 2.36 -104.42	150.03 1.99 -126.19	169.54 -0.51 -175.96
GLENWOOD___5 23614	113.16 9.08 -9.92	114.63 8.89 -6.24	124.31 7.19 -34.68	135.74 2.75 -100.63	132.21 2.81 -97.28	145.81 2.22 -114.58	144.55 4.72 -83.74	152.77 2.48 -121.13	141.73 2.67 -108.19	98.93 3.20 -60.81	127.32 3.17 -90.25	113.30 3.16 -76.28	123.42 2.62 -91.83	126.10 2.69 -94.14	116.90 2.94 -82.86	133.06 2.82 -100.35	141.19 2.61 -110.67	165.59 3.29 -126.25	147.79 3.41 -108.47	142.59 2.64 -111.91	152.94 2.48 -123.77	132.29 2.36 -104.42	150.03 1.99 -126.19	169.54 -0.51 -175.96
GLOBAL GREEN_PORT_GT1 23814	116.14 12.07 -9.92	117.10 11.35 -6.24	124.65 7.52 -34.68	135.56 2.56 -100.63	132.89 3.48 -97.28	146.73 3.13 -114.58	146.24 6.42 -83.74	152.72 2.43 -121.13	141.71 2.65 -108.19	98.77 3.05 -60.81	127.97 3.82 -90.25	113.74 3.60 -76.28	123.65 2.85 -91.83	126.32 2.91 -94.14	117.33 3.37 -82.86	133.80 3.56 -100.35	142.10 3.52 -110.67	166.74 4.44 -126.25	149.17 4.79 -108.47	145.43 3.57 -113.82	153.93 3.30 -123.95	133.02 3.09 -104.42	150.60 2.56 -126.19	169.40 -0.65 -175.96
GLOBE___DSASP 323697	87.37 -8.47 -1.68	90.95 -9.40 -0.84	79.63 -8.55 -5.73	45.66 -3.20 -16.50	45.00 -3.08 -15.95	45.14 -2.76 -18.87	63.43 -6.50 -13.84	45.25 -3.93 -20.02	44.69 -4.06 -17.88	39.78 -4.87 -9.73	42.78 -5.06 -13.94	40.59 -5.29 -12.02	39.41 -4.64 -15.08	38.74 -4.55 -14.02	39.83 -4.74 -13.47	41.81 -4.49 -16.40	41.88 -4.34 -18.29	50.94 -5.48 -20.37	47.81 -5.22 -17.11	41.85 -3.99 -17.80	40.55 -3.82 -17.69	37.86 -3.84 -16.20	39.46 -3.25 -20.86	24.03 0.86 -29.09
GOETHSLN___LBMP 323567	111.36 7.28 -9.92	112.80 7.06 -6.24	122.94 5.82 -34.67	135.20 2.23 -100.61	131.62 2.24 -97.26	145.34 1.77 -114.55	139.18 3.82 -79.27	129.16 2.05 -97.95	140.65 2.19 -107.59	98.52 2.81 -60.79	126.94 2.81 -90.23	112.98 2.86 -76.26	123.22 2.44 -91.81	125.92 2.53 -94.12	116.64 2.69 -82.84	130.30 2.49 -97.92	139.30 2.25 -109.13	165.02 2.85 -126.12	144.74 2.87 -105.96	137.84 2.19 -107.62	135.76 2.08 -107.01	125.50 2.01 -97.98	149.71 1.70 -126.16	169.57 -0.43 -175.92
GOLAH___69_KV_TB 1_2 80279	92.59 -2.90 -1.33	96.73 -3.44 -0.66	83.64 -3.42 -4.61	44.45 -1.27 -13.36	43.88 -1.17 -12.92	43.37 -0.99 -15.33	65.01 -2.37 -11.29	44.02 -1.47 -16.33	43.99 -1.47 -14.58	41.02 -1.84 -7.94	43.90 -2.00 -11.99	41.53 -2.13 -9.80	39.37 -1.90 -12.30	38.87 -1.84 -11.43	40.19 -1.89 -10.98	41.52 -1.75 -13.38	41.14 -1.70 -14.92	50.62 -2.04 -16.61	47.95 -1.92 -13.95	41.09 -1.46 -14.51	39.68 -1.43 -14.43	37.18 -1.54 -13.21	37.53 -1.34 -17.01	18.16 0.36 -23.72

GOODYEAR_LAKE_HYD 323669	114.16 4.15 -15.85	115.83 4.13 -12.19	106.42 3.34 -20.64	66.73 1.38 -32.99	65.43 1.41 -31.89	67.77 1.19 -37.56	86.01 2.48 -27.45	70.15 1.29 -39.71	67.73 1.39 -35.47	55.85 1.61 -19.32	64.61 1.52 -29.18	59.22 1.47 -23.88	60.15 1.25 -29.92	58.49 1.33 -27.89	59.28 1.47 -26.71	63.87 1.45 -32.53	65.53 1.34 -36.27	78.18 1.72 -40.40	71.64 1.76 -33.97	64.71 1.35 -35.31	63.00 1.24 -35.08	58.76 1.13 -32.12	64.14 0.93 -41.36	51.53 -0.22 -57.67
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	98.25 0.21 -3.88	102.03 0.00 -2.53	94.28 -0.43 -12.26	66.80 -0.12 -34.55	65.51 -0.03 -33.41	68.22 -0.14 -39.34	84.56 -0.25 -28.73	70.48 -0.24 -41.55	67.75 -0.24 -37.12	54.86 -0.26 -20.21	64.27 -0.29 -30.66	58.52 -0.31 -24.96	60.04 -0.24 -31.31	58.20 -0.20 -29.13	58.99 -0.06 -27.95	63.88 -0.05 -34.04	65.75 -0.13 -37.96	78.23 -0.09 -42.27	71.27 -0.17 -35.53	64.83 -0.15 -36.94	63.26 -0.14 -36.72	58.93 -0.19 -33.62	65.00 -0.14 -43.29	54.50 0.05 -60.36
GOUDEY___7 23579	98.25 0.21 -3.88	102.03 0.00 -2.53	94.28 -0.43 -12.26	66.80 -0.12 -34.55	65.51 -0.03 -33.41	68.22 -0.14 -39.34	84.56 -0.25 -28.73	70.48 -0.24 -41.55	67.75 -0.24 -37.12	54.86 -0.26 -20.21	64.27 -0.29 -30.66	58.52 -0.31 -24.96	60.04 -0.24 -31.31	58.20 -0.20 -29.13	58.99 -0.06 -27.95	63.88 -0.05 -34.04	65.75 -0.13 -37.96	78.23 -0.09 -42.27	71.27 -0.17 -35.53	64.83 -0.15 -36.94	63.26 -0.14 -36.72	58.93 -0.19 -33.62	65.00 -0.14 -43.29	54.50 0.05 -60.36
GOUDEY___8 23580	98.25 0.21 -3.88	102.03 0.00 -2.53	94.28 -0.43 -12.26	66.80 -0.12 -34.55	65.51 -0.03 -33.41	68.22 -0.14 -39.34	84.56 -0.25 -28.73	70.48 -0.24 -41.55	67.75 -0.24 -37.12	54.86 -0.26 -20.21	64.27 -0.29 -30.66	58.52 -0.31 -24.96	60.04 -0.24 -31.31	58.20 -0.20 -29.13	58.99 -0.06 -27.95	63.88 -0.05 -34.04	65.75 -0.13 -37.96	78.23 -0.09 -42.27	71.27 -0.17 -35.53	64.83 -0.15 -36.94	63.26 -0.14 -36.72	58.93 -0.19 -33.62	65.00 -0.14 -43.29	54.50 0.05 -60.36
GOWANUS_GT1_1 24077	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT1_2 24078	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT1_3 24079	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT1_4 24080	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT1_5 24084	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT1_6 24111	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT1_7 24112	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT1_8 24113	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT2_1 24114	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT2_2 24115	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT2_3 24116	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94

GOWANUS_GT2_4 24117	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT2_5 24118	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT2_6 24119	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT2_7 24120	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT2_8 24121	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT3_1 24122	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT3_2 24123	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT3_3 24124	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT3_4 24125	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT3_5 24126	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT3_6 24127	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT3_7 24128	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT3_8 24129	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
GOWANUS_GT4_1 24130	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT4_2 24131	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94

GOWANUS_GT4_3 24132	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT4_4 24133	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT4_5 24134	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT4_6 24135	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT4_7 24136	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GOWANUS_GT4_8 24137	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	181.02 2.52 -149.35	406.19 2.71 -372.62	352.13 3.32 -313.89	328.32 3.29 -291.12	304.38 3.32 -267.20	332.27 2.83 -300.48	352.14 2.92 -319.96	352.14 3.12 -317.92	369.91 2.92 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.48 -337.95	388.98 2.67 -358.27	405.39 2.57 -376.14	495.07 2.47 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
GREENBSH_115KV_TB3 55895	123.73 4.08 -25.48	123.14 4.29 -19.34	140.45 3.51 -54.48	164.90 1.20 -131.34	160.22 1.12 -126.97	179.06 0.49 -149.54	166.34 0.95 -109.30	185.67 0.49 -156.02	167.91 0.51 -136.53	111.25 0.55 -75.78	149.79 0.52 -115.36	127.34 0.51 -92.97	146.75 0.43 -117.35	132.88 0.45 -103.16	137.16 0.47 -105.59	159.25 0.45 -128.90	172.82 0.46 -144.45	195.81 0.57 -159.18	168.92 0.52 -132.48	167.04 0.40 -138.61	166.74 0.36 -139.70	153.82 0.40 -127.91	186.92 0.36 -164.71	223.57 -0.18 -229.67
GREENIDGE_115KV_TB5 80291	94.12 -2.30 -2.26	98.12 -2.85 -1.46	86.92 -3.05 -7.52	53.09 -0.80 -21.53	52.40 -0.55 -20.81	53.18 -0.49 -24.65	72.91 -1.28 -18.10	54.56 -0.79 -26.19	53.45 -0.81 -23.39	46.82 -0.83 -12.73	53.57 -1.13 -20.80	48.38 -1.21 -15.73	47.68 -1.03 -19.73	46.81 -0.81 -18.35	48.01 -0.71 -17.61	50.58 -0.77 -21.45	51.16 -0.69 -23.92	61.81 -0.88 -26.64	57.49 -0.81 -22.38	50.68 -0.63 -23.28	49.25 -0.58 -23.14	46.11 -0.58 -21.19	48.64 -0.49 -27.28	32.29 0.16 -38.04
GREENIDGE___3 23582	94.12 -2.30 -2.26	98.12 -2.85 -1.46	86.92 -3.05 -7.52	53.09 -0.80 -21.53	52.40 -0.55 -20.81	53.18 -0.49 -24.65	72.91 -1.28 -18.10	54.56 -0.79 -26.19	53.45 -0.81 -23.39	46.82 -0.83 -12.73	53.57 -1.13 -20.80	48.38 -1.21 -15.73	47.68 -1.03 -19.73	46.81 -0.81 -18.35	48.01 -0.71 -17.61	50.58 -0.77 -21.45	51.16 -0.69 -23.92	61.81 -0.88 -26.64	57.49 -0.81 -22.38	50.68 -0.63 -23.28	49.25 -0.58 -23.14	46.11 -0.58 -21.19	48.64 -0.49 -27.28	32.29 0.16 -38.04
GREENIDGE___4 23583	94.13 -2.29 -2.26	98.11 -2.85 -1.46	86.92 -3.05 -7.52	53.09 -0.79 -21.53	52.40 -0.55 -20.81	53.18 -0.49 -24.65	72.92 -1.27 -18.10	54.56 -0.79 -26.19	53.46 -0.80 -23.39	46.82 -0.83 -12.73	53.56 -1.14 -20.80	48.39 -1.21 -15.73	47.67 -1.03 -19.73	46.81 -0.81 -18.35	48.00 -0.71 -17.61	50.57 -0.78 -21.45	51.15 -0.70 -23.92	61.80 -0.89 -26.64	57.49 -0.81 -22.38	50.76 -0.63 -23.35	49.25 -0.57 -23.14	46.10 -0.60 -21.19	48.63 -0.50 -27.28	32.29 0.17 -38.04
GREENLWN_69_KV_BK 3 55738	113.57 9.50 -9.92	114.93 9.19 -6.24	124.40 7.27 -34.68	135.74 2.75 -100.63	132.27 2.86 -97.28	146.03 2.43 -114.58	144.97 5.15 -83.74	152.89 2.60 -121.13	141.93 2.87 -108.19	99.13 3.41 -60.81	127.50 3.35 -90.25	113.45 3.30 -76.28	123.48 2.68 -91.83	126.15 2.74 -94.14	117.03 3.07 -82.86	133.28 3.04 -100.35	141.42 2.83 -110.67	165.75 3.45 -126.25	148.17 3.79 -108.47	144.53 3.08 -113.40	153.47 2.86 -123.93	132.63 2.70 -104.42	150.30 2.25 -126.19	169.48 -0.56 -175.96
GREENWD_138_KV_38B11_REV_LBMP_J 345004	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	154.34 2.52 -122.67	156.31 2.71 -122.74	116.32 3.32 -78.08	174.58 3.29 -137.38	181.15 3.32 -143.96	173.52 2.83 -141.72	167.12 2.92 -134.94	166.74 3.12 -132.52	173.45 2.92 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.48 -121.08	156.25 2.67 -125.54	155.44 2.57 -126.19	152.68 2.47 -124.70	156.41 2.08 -132.49	169.49 -0.53 -175.94
GRISSOM___SOLAR 323813	144.84 6.11 -44.57	142.13 6.22 -36.40	159.81 5.07 -72.28	179.51 2.01 -145.14	174.47 2.04 -140.31	196.09 1.82 -165.26	180.50 3.63 -120.79	205.87 1.97 -174.75	188.92 1.95 -156.10	120.75 1.90 -83.93	163.08 1.50 -127.68	137.97 1.08 -103.03	161.25 0.90 -131.37	147.74 1.10 -117.37	149.27 1.41 -116.76	174.22 1.82 -142.50	189.40 1.86 -159.62	214.62 2.50 -176.06	185.09 2.53 -146.65	183.31 1.93 -153.34	182.85 1.79 -154.37	168.51 1.65 -141.35	205.21 1.35 -182.01	247.55 -0.33 -253.80
GROVEVILLE___HYD 323602	113.14 8.84 -10.14	114.75 8.81 -6.43	124.51 7.18 -34.87	135.90 2.79 -100.75	132.33 2.81 -97.39	146.06 2.33 -114.71	144.87 4.94 -83.84	153.07 2.64 -121.27	141.97 2.79 -108.31	98.94 3.24 -60.79	127.32 3.13 -90.29	113.17 3.10 -76.20	123.50 2.62 -91.91	125.79 2.69 -93.83	116.90 2.90 -82.90	133.10 2.80 -100.41	141.35 2.63 -110.79	165.78 3.48 -126.25	147.77 3.49 -108.37	141.93 2.68 -111.21	136.36 2.52 -107.15	125.99 2.37 -98.11	150.19 2.00 -126.34	169.75 -0.50 -176.16
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	94.73 0.57 0.00	99.88 0.37 0.00	85.50 0.03 -3.01	43.51 0.07 -11.09	42.93 0.14 -10.66	41.17 -0.02 -12.17	64.54 -0.28 -8.73	42.61 -0.17 -13.62	42.65 -0.19 -11.98	40.72 -0.21 -6.01	43.26 -0.22 -9.57	41.36 -0.24 -7.73	38.77 -0.17 -9.98	38.31 -0.17 -9.20	39.93 -0.16 -8.98	40.82 -0.13 -11.07	40.90 -0.14 -13.12	50.52 -0.14 -14.61	48.03 -0.15 -12.27	40.69 -0.11 -12.76	38.55 -0.12 -12.00	36.24 -0.15 -10.88	35.96 -0.16 -14.27	14.71 0.05 -20.58

HAMLTNNY_34_KV_TB 80303	95.60 1.44 0.00	100.82 1.32 0.00	86.36 0.68 -3.23	44.53 0.31 -11.86	43.93 0.39 -11.41	42.93 0.16 -13.75	66.78 -0.10 -10.79	44.68 -0.09 -15.61	44.71 -0.09 -13.94	42.43 -0.07 -7.59	45.23 -0.14 -11.46	43.09 -0.15 -9.37	40.64 -0.09 -11.76	40.12 -0.07 -10.93	41.56 -0.04 -10.50	42.65 -0.03 -12.78	42.12 -0.05 -14.26	51.92 0.00 -15.87	49.25 0.00 -13.34	41.91 0.00 -13.87	40.43 -0.04 -13.79	38.05 -0.08 -12.63	38.00 -0.11 -16.26	16.79 0.03 -22.67
HAMPSHIRE___PAPER_HYD 323593	91.24 -2.91 0.00	96.10 -3.40 0.00	80.20 -2.98 -0.74	33.74 -1.33 -2.71	31.57 -1.44 -0.88	-0.54 -2.55 27.02	15.07 -4.34 36.67	7.39 -2.14 19.63	5.06 -2.18 23.63	3.41 -2.49 29.02	0.85 -2.58 30.48	5.18 -2.56 26.12	2.84 -2.18 23.95	-0.08 -2.37 26.98	-21.96 -2.43 50.63	-1.67 -2.27 29.29	26.22 -1.83 -0.14	38.01 -2.17 -4.12	37.10 -2.25 -3.44	29.66 -1.97 -3.59	5.99 -2.03 18.66	3.28 -1.91 20.32	2.37 -1.69 17.80	-8.68 0.43 3.19
HARDSCRABBLE_WT_PWR 323673	97.03 2.88 0.00	102.32 2.81 0.00	84.77 2.32 0.00	33.26 0.90 0.00	32.98 0.85 0.00	29.53 0.35 -0.15	57.14 0.97 -0.09	29.68 0.52 0.00	31.36 0.49 0.00	35.34 0.43 0.00	34.23 0.17 -0.16	33.95 0.09 0.00	29.02 0.05 0.00	29.50 0.06 -0.18	33.53 0.25 -2.18	30.98 0.37 -0.71	28.57 0.41 -0.25	36.78 0.73 0.00	36.55 0.63 0.00	28.54 0.50 0.00	27.15 0.47 0.00	25.88 0.37 0.00	22.14 0.29 0.00	-6.04 -0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	110.79 7.30 -9.34	112.60 7.22 -5.88	120.94 5.92 -32.57	129.13 2.30 -94.46	125.76 2.31 -91.32	138.48 1.90 -107.56	138.76 4.06 -78.61	144.99 2.13 -113.71	134.69 2.26 -101.56	94.61 2.72 -56.98	121.22 2.67 -84.64	107.93 2.67 -71.40	117.40 2.26 -86.17	119.46 2.34 -87.85	111.32 2.51 -77.71	126.41 2.38 -94.13	134.03 2.23 -103.89	157.33 2.93 -118.34	140.39 2.94 -101.54	134.53 2.26 -104.23	129.28 2.12 -100.47	119.51 2.00 -91.99	142.00 1.69 -118.46	158.83 -0.43 -165.18
HARSNRAD_115KV_TB1 81005	88.47 -7.34 -1.65	92.27 -8.06 -0.82	80.45 -7.63 -5.63	45.58 -3.00 -16.22	44.92 -2.88 -15.68	45.07 -2.51 -18.56	64.04 -5.67 -13.62	45.38 -3.48 -19.70	44.89 -3.58 -17.60	40.17 -4.32 -9.58	43.04 -4.57 -13.71	40.90 -4.79 -11.83	39.60 -4.21 -14.84	38.95 -4.11 -13.80	40.09 -4.26 -13.25	42.01 -4.02 -16.14	42.04 -3.88 -18.00	51.23 -4.87 -20.04	48.12 -4.63 -16.84	42.02 -3.53 -17.51	40.69 -3.39 -17.41	37.99 -3.46 -15.94	39.44 -2.93 -20.53	23.48 0.78 -28.62
HARZA MOOSE___RIVER 24016	95.36 1.20 0.00	100.24 0.73 0.00	83.73 0.33 -0.95	35.89 0.04 -3.49	35.09 0.03 -2.93	25.32 -0.35 3.35	48.85 -0.33 6.90	27.43 -0.11 1.62	27.72 -0.11 3.04	28.86 -0.17 5.89	28.70 -0.25 4.96	28.83 -0.30 4.74	25.06 -0.30 3.62	24.72 -0.37 4.18	26.04 -0.29 4.77	26.85 -0.25 2.79	31.78 -0.06 -3.92	40.71 0.05 -4.60	39.75 0.00 -3.84	31.93 -0.12 -4.01	24.76 -0.14 1.78	22.90 -0.14 2.47	20.62 -0.23 1.00	-1.60 0.07 -4.25
HDSNBRDG_115KV_BRDG_TB1 355580	93.05 -1.11 0.00	98.15 -1.35 0.00	83.91 -1.34 -2.80	42.21 -0.45 -10.29	41.62 -0.40 -9.89	39.52 -0.39 -10.89	62.66 -0.89 -7.46	40.56 -0.47 -11.87	40.76 -0.50 -10.39	39.44 -0.58 -5.10	41.59 -0.56 -8.24	39.92 -0.58 -6.63	37.12 -0.48 -8.63	36.73 -0.48 -7.94	38.39 -0.50 -7.78	39.05 -0.47 -9.62	39.05 -0.45 -11.58	48.38 -0.56 -12.89	46.17 -0.57 -10.83	38.87 -0.43 -11.26	36.72 -0.40 -10.44	34.53 -0.43 -9.45	33.92 -0.38 -12.45	12.29 0.11 -18.10
HELLGATE_13_KV_LD 55870	112.39 8.32 -9.92	113.79 8.04 -6.24	123.84 6.72 -34.67	135.54 2.57 -100.61	131.97 2.58 -97.27	145.67 2.09 -114.56	144.32 4.50 -83.74	152.69 2.41 -121.11	141.66 2.60 -108.18	100.91 3.20 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.26 2.84 -124.15	155.84 3.04 -121.70	161.91 2.84 -129.18	160.09 2.59 -129.58	169.70 3.30 -130.35	147.70 3.33 -108.46	141.80 2.53 -111.23	136.11 2.41 -107.02	125.82 2.32 -97.99	149.99 1.97 -126.18	169.52 -0.49 -175.94
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	112.39 8.32 -9.92	113.79 8.04 -6.24	123.84 6.72 -34.67	135.54 2.57 -100.61	131.97 2.58 -97.27	145.67 2.09 -114.56	144.32 4.50 -83.74	152.69 2.41 -121.11	141.66 2.60 -108.18	100.91 3.20 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.26 2.84 -124.15	155.84 3.04 -121.70	161.91 2.84 -129.18	160.09 2.59 -129.58	169.70 3.30 -130.35	147.70 3.33 -108.46	141.80 2.53 -111.23	136.11 2.41 -107.02	125.82 2.32 -97.99	149.99 1.97 -126.18	169.52 -0.49 -175.94
HEMPSTEAD____ 23647	113.17 9.09 -9.92	114.58 8.84 -6.24	124.20 7.07 -34.68	135.68 2.69 -100.63	132.17 2.76 -97.28	145.89 2.29 -114.58	144.71 4.88 -83.74	152.83 2.54 -121.13	141.81 2.74 -108.19	98.98 3.26 -60.81	127.37 3.22 -90.25	113.34 3.19 -76.28	123.41 2.61 -91.83	126.08 2.67 -94.14	116.91 2.95 -82.86	133.12 2.88 -100.35	141.23 2.65 -110.67	165.57 3.27 -126.25	147.84 3.46 -108.47	142.74 2.69 -112.02	153.00 2.53 -123.79	132.34 2.41 -104.42	150.08 2.03 -126.19	169.53 -0.52 -175.96
HEWLETT_69_KV_BK3 55828	114.23 10.15 -9.92	115.67 9.92 -6.24	125.07 7.94 -34.68	136.03 3.04 -100.63	132.52 3.11 -97.28	146.26 2.66 -114.58	145.43 5.60 -83.74	153.20 2.91 -121.13	142.18 3.12 -108.19	99.40 3.67 -60.81	127.80 3.65 -90.25	113.77 3.62 -76.28	123.62 2.82 -91.83	126.30 2.88 -94.14	117.16 3.19 -82.86	133.33 3.09 -100.35	141.44 2.85 -110.67	165.87 3.57 -126.25	148.19 3.81 -108.47	144.23 3.07 -113.12	153.31 2.90 -123.73	132.70 2.77 -104.42	150.37 2.32 -126.19	169.46 -0.59 -175.96
HICKLING___1 23621	95.66 -1.43 -2.93	99.54 -1.86 -1.89	89.62 -2.46 -9.63	58.95 -0.87 -27.46	57.99 -0.69 -26.55	59.65 -0.69 -31.32	77.56 -1.44 -22.91	61.33 -0.97 -33.14	59.44 -1.03 -29.60	49.80 -1.23 -16.11	57.51 -1.32 -24.92	52.42 -1.35 -19.90	52.81 -1.13 -24.97	51.47 -1.02 -23.22	52.57 -0.82 -22.29	56.27 -0.77 -27.14	57.37 -0.83 -30.27	68.86 -0.90 -33.71	63.27 -0.97 -28.33	56.70 -0.79 -29.46	55.22 -0.74 -29.28	51.53 -0.79 -26.81	55.75 -0.62 -34.52	42.41 0.19 -48.14
HICKLING___2 23622	95.66 -1.43 -2.93	99.54 -1.86 -1.89	89.62 -2.46 -9.63	58.95 -0.87 -27.46	57.99 -0.69 -26.55	59.65 -0.69 -31.32	77.56 -1.44 -22.91	61.33 -0.97 -33.14	59.44 -1.03 -29.60	49.80 -1.23 -16.11	57.51 -1.32 -24.92	52.42 -1.35 -19.90	52.81 -1.13 -24.97	51.47 -1.02 -23.22	52.57 -0.82 -22.29	56.27 -0.77 -27.14	57.37 -0.83 -30.27	68.86 -0.90 -33.71	63.27 -0.97 -28.33	56.70 -0.79 -29.46	55.22 -0.74 -29.28	51.53 -0.79 -26.81	55.75 -0.62 -34.52	42.41 0.19 -48.14
HIGH FALLS___HY 23754	116.76 11.03 -11.58	118.20 10.96 -7.72	127.27 8.94 -35.88	136.45 3.53 -100.56	132.92 3.57 -97.21	146.65 3.12 -114.50	146.44 6.67 -83.68	153.62 3.60 -120.86	142.36 3.79 -107.71	99.32 4.32 -60.08	127.68 4.05 -89.72	112.72 3.91 -74.95	123.69 3.28 -91.43	123.21 3.41 -90.53	117.19 3.78 -82.31	133.49 3.72 -99.88	142.09 3.58 -110.59	165.95 4.82 -125.08	147.36 4.81 -106.63	141.64 3.71 -109.89	137.11 3.47 -106.96	126.65 3.21 -97.93	150.63 2.67 -126.11	169.27 -0.65 -175.84
HIGH_RIVER___SOLAR 323847	145.76 4.71 -46.90	142.64 4.78 -38.36	159.14 3.96 -72.73	174.42 1.57 -140.49	169.50 1.56 -135.81	190.25 1.27 -159.97	175.54 2.53 -116.92	199.67 1.35 -169.16	183.35 1.36 -151.11	117.50 1.38 -81.21	158.65 1.16 -123.58	134.49 0.95 -99.68	156.87 0.73 -127.16	143.60 0.87 -113.47	145.05 0.95 -112.99	169.04 1.23 -137.92	183.70 1.27 -154.51	208.12 1.69 -170.37	179.47 1.69 -141.87	177.71 1.29 -148.38	177.32 1.21 -149.43	163.46 1.12 -136.82	198.97 0.93 -176.19	239.53 -0.23 -245.68

HILLBURN___GT 23639	110.69 7.08 -9.46	112.38 6.92 -5.95	121.14 5.68 -33.01	130.33 2.20 -95.76	126.92 2.21 -92.57	139.87 1.81 -109.03	139.66 3.89 -79.69	146.47 2.04 -115.27	135.99 2.16 -102.96	95.34 2.64 -57.78	122.37 2.64 -85.82	108.95 2.65 -72.43	118.59 2.26 -87.36	120.78 2.33 -89.18	112.37 2.48 -78.80	127.66 2.33 -95.44	135.38 2.15 -105.31	158.86 2.80 -120.01	141.73 2.81 -103.00	135.90 2.16 -105.71	130.58 2.04 -101.85	120.71 1.94 -93.26	143.58 1.64 -120.09	161.12 -0.41 -167.45
HILLSIDE_115KV_TB1 80332	94.89 -2.30 -3.04	98.77 -2.69 -1.96	89.34 -3.08 -9.97	59.68 -1.11 -28.43	58.67 -0.94 -27.48	60.49 -0.94 -32.40	77.94 -1.84 -23.70	62.27 -1.17 -34.28	60.25 -1.23 -30.62	50.17 -1.41 -16.67	58.16 -1.45 -25.70	52.98 -1.47 -20.59	53.60 -1.19 -25.83	52.18 -1.11 -24.02	53.25 -0.91 -23.06	57.08 -0.89 -28.08	58.26 -0.98 -31.32	69.83 -1.09 -34.87	63.99 -1.22 -29.30	57.51 -1.00 -30.47	56.05 -0.92 -30.29	52.29 -0.95 -27.73	56.81 -0.75 -35.71	44.10 0.23 -49.79
HISHELDN_WT_PWR 323625	91.03 -5.12 -2.00	94.55 -5.95 -0.99	83.25 -5.91 -6.71	49.38 -2.26 -19.27	48.59 -2.18 -18.63	49.09 -1.96 -22.02	67.69 -4.54 -16.14	49.76 -2.75 -23.35	48.85 -2.87 -20.85	42.77 -3.49 -11.35	44.59 -3.82 -14.50	43.85 -4.03 -14.02	43.04 -3.52 -17.59	42.23 -3.40 -16.35	43.36 -3.45 -15.70	45.75 -3.26 -19.12	46.08 -3.17 -21.33	55.94 -3.86 -23.75	52.20 -3.67 -19.96	45.84 -2.80 -20.60	44.65 -2.66 -20.63	41.69 -2.71 -18.89	43.90 -2.27 -24.32	28.61 0.61 -33.91
HOLTSVILLE_IC_1 23690	114.92 10.84 -9.92	116.23 10.48 -6.24	125.36 8.24 -34.68	136.04 3.05 -100.63	132.64 3.24 -97.28	146.43 2.83 -114.58	145.72 5.89 -83.74	153.24 2.95 -121.13	142.25 3.19 -108.19	99.43 3.71 -60.81	127.80 3.65 -90.25	113.71 3.57 -76.28	123.69 2.89 -91.83	126.35 2.94 -94.14	117.30 3.33 -82.86	133.61 3.37 -100.35	141.76 3.17 -110.67	166.24 3.94 -126.25	148.62 4.24 -108.47	145.07 3.20 -113.84	153.63 3.00 -123.95	132.80 2.88 -104.42	150.44 2.39 -126.19	169.43 -0.61 -175.96
HOLTSVILLE_IC_10 23699	115.53 11.45 -9.92	116.82 11.07 -6.24	125.80 8.68 -34.68	136.22 3.22 -100.63	132.83 3.42 -97.28	146.61 3.01 -114.58	146.06 6.23 -83.74	153.41 3.12 -121.13	142.45 3.39 -108.19	99.63 3.91 -60.81	127.98 3.83 -90.25	113.89 3.75 -76.28	123.84 3.04 -91.83	126.50 3.09 -94.14	117.47 3.51 -82.86	133.81 3.57 -100.35	141.95 3.36 -110.67	166.50 4.20 -126.25	148.90 4.53 -108.47	145.23 3.40 -113.78	153.82 3.18 -123.95	132.98 3.05 -104.42	150.59 2.54 -126.19	169.40 -0.65 -175.96
HOLTSVILLE_IC_2 23691	114.92 10.84 -9.92	116.23 10.48 -6.24	125.36 8.24 -34.68	136.04 3.05 -100.63	132.64 3.24 -97.28	146.43 2.83 -114.58	145.72 5.89 -83.74	153.24 2.95 -121.13	142.25 3.19 -108.19	99.43 3.71 -60.81	127.80 3.65 -90.25	113.71 3.57 -76.28	123.69 2.89 -91.83	126.35 2.94 -94.14	117.30 3.33 -82.86	133.61 3.37 -100.35	141.76 3.17 -110.67	166.24 3.94 -126.25	148.62 4.24 -108.47	145.07 3.20 -113.84	153.63 3.00 -123.95	132.80 2.88 -104.42	150.44 2.39 -126.19	169.43 -0.61 -175.96
HOLTSVILLE_IC_3 23692	114.92 10.84 -9.92	116.23 10.48 -6.24	125.36 8.24 -34.68	136.04 3.05 -100.63	132.64 3.24 -97.28	146.43 2.83 -114.58	145.72 5.89 -83.74	153.24 2.95 -121.13	142.25 3.19 -108.19	99.43 3.71 -60.81	127.80 3.65 -90.25	113.71 3.57 -76.28	123.69 2.89 -91.83	126.35 2.94 -94.14	117.30 3.33 -82.86	133.61 3.37 -100.35	141.76 3.17 -110.67	166.24 3.94 -126.25	148.62 4.24 -108.47	145.07 3.20 -113.84	153.63 3.00 -123.95	132.80 2.88 -104.42	150.44 2.39 -126.19	169.43 -0.61 -175.96
HOLTSVILLE_IC_4 23693	114.92 10.84 -9.92	116.23 10.48 -6.24	125.36 8.24 -34.68	136.04 3.05 -100.63	132.64 3.24 -97.28	146.43 2.83 -114.58	145.72 5.89 -83.74	153.24 2.95 -121.13	142.25 3.19 -108.19	99.43 3.71 -60.81	127.80 3.65 -90.25	113.71 3.57 -76.28	123.69 2.89 -91.83	126.35 2.94 -94.14	117.30 3.33 -82.86	133.61 3.37 -100.35	141.76 3.17 -110.67	166.24 3.94 -126.25	148.62 4.24 -108.47	145.07 3.20 -113.84	153.63 3.00 -123.95	132.80 2.88 -104.42	150.44 2.39 -126.19	169.43 -0.61 -175.96
HOLTSVILLE_IC_5 23694	114.92 10.84 -9.92	116.23 10.48 -6.24	125.36 8.24 -34.68	136.04 3.05 -100.63	132.64 3.24 -97.28	146.43 2.83 -114.58	145.72 5.89 -83.74	153.24 2.95 -121.13	142.25 3.19 -108.19	99.43 3.71 -60.81	127.80 3.65 -90.25	113.71 3.57 -76.28	123.69 2.89 -91.83	126.35 2.94 -94.14	117.30 3.33 -82.86	133.61 3.37 -100.35	141.76 3.17 -110.67	166.24 3.94 -126.25	148.62 4.24 -108.47	145.07 3.20 -113.84	153.63 3.00 -123.95	132.80 2.88 -104.42	150.44 2.39 -126.19	169.43 -0.61 -175.96
HOLTSVILLE_IC_6 23695	115.53 11.45 -9.92	116.82 11.07 -6.24	125.80 8.68 -34.68	136.22 3.22 -100.63	132.83 3.42 -97.28	146.61 3.01 -114.58	146.06 6.23 -83.74	153.41 3.12 -121.13	142.45 3.39 -108.19	99.63 3.91 -60.81	127.98 3.83 -90.25	113.89 3.75 -76.28	123.84 3.04 -91.83	126.50 3.09 -94.14	117.47 3.51 -82.86	133.81 3.57 -100.35	141.95 3.36 -110.67	166.50 4.20 -126.25	148.90 4.53 -108.47	145.23 3.40 -113.78	153.82 3.18 -123.95	132.98 3.05 -104.42	150.59 2.54 -126.19	169.40 -0.65 -175.96
HOLTSVILLE_IC_7 23696	115.53 11.45 -9.92	116.82 11.07 -6.24	125.80 8.68 -34.68	136.22 3.22 -100.63	132.83 3.42 -97.28	146.61 3.01 -114.58	146.06 6.23 -83.74	153.41 3.12 -121.13	142.45 3.39 -108.19	99.63 3.91 -60.81	127.98 3.83 -90.25	113.89 3.75 -76.28	123.84 3.04 -91.83	126.50 3.09 -94.14	117.47 3.51 -82.86	133.81 3.57 -100.35	141.95 3.36 -110.67	166.50 4.20 -126.25	148.90 4.53 -108.47	145.23 3.40 -113.78	153.82 3.18 -123.95	132.98 3.05 -104.42	150.59 2.54 -126.19	169.40 -0.65 -175.96
HOLTSVILLE_IC_8 23697	115.53 11.45 -9.92	116.82 11.07 -6.24	125.80 8.68 -34.68	136.22 3.22 -100.63	132.83 3.42 -97.28	146.61 3.01 -114.58	146.06 6.23 -83.74	153.41 3.12 -121.13	142.45 3.39 -108.19	99.63 3.91 -60.81	127.98 3.83 -90.25	113.89 3.75 -76.28	123.84 3.04 -91.83	126.50 3.09 -94.14	117.47 3.51 -82.86	133.81 3.57 -100.35	141.95 3.36 -110.67	166.50 4.20 -126.25	148.90 4.53 -108.47	145.23 3.40 -113.78	153.82 3.18 -123.95	132.98 3.05 -104.42	150.59 2.54 -126.19	169.40 -0.65 -175.96
HOLTSVILLE_IC_9 23698	115.53 11.45 -9.92	116.82 11.07 -6.24	125.80 8.68 -34.68	136.22 3.22 -100.63	132.83 3.42 -97.28	146.61 3.01 -114.58	146.06 6.23 -83.74	153.41 3.12 -121.13	142.45 3.39 -108.19	99.63 3.91 -60.81	127.98 3.83 -90.25	113.89 3.75 -76.28	123.84 3.04 -91.83	126.50 3.09 -94.14	117.47 3.51 -82.86	133.81 3.57 -100.35	141.95 3.36 -110.67	166.50 4.20 -126.25	148.90 4.53 -108.47	145.23 3.40 -113.78	153.82 3.18 -123.95	132.98 3.05 -104.42	150.59 2.54 -126.19	169.40 -0.65 -175.96
HOMER_HL_115KV_TB2 355744	93.33 -2.94 -2.11	96.84 -3.72 -1.05	85.40 -4.12 -7.07	50.95 -1.67 -20.27	50.20 -1.53 -19.59	50.75 -1.42 -23.15	69.45 -3.60 -16.96	51.44 -2.25 -24.53	50.49 -2.31 -21.92	44.20 -2.65 -11.94	49.05 -2.71 -17.85	45.99 -2.62 -14.75	45.30 -2.17 -18.50	44.40 -2.06 -17.19	45.52 -2.08 -16.50	48.06 -1.93 -20.09	48.28 -2.06 -22.41	58.20 -2.80 -24.95	53.94 -2.95 -20.97	47.59 -2.25 -21.80	46.27 -2.09 -21.67	43.16 -2.19 -19.85	45.69 -1.72 -25.56	30.15 0.43 -35.63
HOWARD_WT_PWR 323690	93.08 -3.48 -2.40	96.60 -4.46 -1.55	85.50 -4.92 -7.97	53.06 -2.11 -22.81	52.14 -2.03 -22.05	53.26 -1.80 -26.05	71.09 -4.08 -19.08	54.32 -2.43 -27.60	52.99 -2.53 -24.66	45.26 -3.08 -13.42	54.00 -3.31 -23.40	46.92 -3.52 -16.58	46.72 -3.05 -20.80	45.71 -2.90 -19.34	46.84 -2.83 -18.57	49.88 -2.61 -22.61	50.71 -2.43 -25.22	61.22 -2.92 -28.08	56.75 -2.76 -23.59	50.34 -2.23 -24.53	48.98 -2.09 -24.39	45.73 -2.11 -22.33	48.91 -1.70 -28.75	34.68 0.50 -40.09

HQ_GEN_CEDARS 23644	92.20 -1.95 0.00	97.75 -1.76 0.00	81.15 -1.30 0.00	31.72 -0.64 0.00	28.30 -0.84 2.99	-22.74 -2.94 48.83	-14.65 -5.00 65.74	-12.54 -2.57 39.12	-17.25 -2.54 45.58	-20.84 -2.76 52.99	-22.80 -2.87 53.84	-17.28 -2.69 48.45	-18.69 -2.20 45.46	-20.19 -2.38 47.07	-22.18 -2.47 50.82	-14.21 -2.32 41.77	26.39 -1.95 -0.42	35.87 -2.46 -2.28	35.29 -2.52 -1.90	27.76 -2.27 -1.98	-12.64 -2.44 36.87	-16.14 -2.25 39.40	-16.09 -1.80 36.13	-18.13 0.43 12.64
HQ_GEN_CEDARS_PROXY 323590	92.20 -1.96 0.00	97.74 -1.76 0.00	81.15 -1.30 0.00	31.72 -0.64 0.00	28.30 -0.84 2.99	-22.74 -2.94 48.83	-14.67 -5.02 65.74	-12.54 -2.58 39.12	-17.26 -2.54 45.58	-20.88 -2.81 52.99	-22.80 -2.87 53.84	-17.27 -2.69 48.45	-18.69 -2.20 45.46	-20.19 -2.39 47.07	-22.19 -2.47 50.82	-14.21 -2.33 41.77	26.39 -1.96 -0.42	35.87 -2.46 -2.28	35.29 -2.52 -1.90	27.76 -2.26 -1.98	-12.64 -2.45 36.87	-16.15 -2.25 39.40	-16.09 -1.80 36.13	-18.14 0.41 12.64
HQ_GEN_IMPORT 323601	92.41 -1.75 0.00	97.97 -1.53 0.00	81.30 -1.15 0.00	31.85 -0.51 0.00	28.15 -0.67 3.31	-28.62 -3.00 54.64	-21.55 -5.21 72.42	-18.14 -2.67 44.64	-23.15 -2.68 51.34	-26.36 -2.95 58.32	-28.61 -2.97 59.54	-22.66 -2.83 53.70	-24.24 -2.35 50.87	-25.27 -2.47 52.07	-23.64 -2.60 52.14	-18.27 -2.52 45.64	24.46 -2.17 1.28	36.85 -2.77 -3.57	33.09 -2.82 0.00	24.51 -2.49 1.04	-17.80 -2.56 41.92	-21.38 -2.41 44.47	-21.65 -1.99 41.51	-22.63 0.46 17.17
HQ_GEN_WHEEL 23651	92.41 -1.75 0.00	97.97 -1.53 0.00	81.30 -1.15 0.00	31.85 -0.51 0.00	28.15 -0.67 3.31	-28.62 -3.00 54.64	-21.55 -5.21 72.42	-18.14 -2.67 44.64	-23.15 -2.68 51.34	-26.36 -2.95 58.32	-28.61 -2.97 59.54	-22.66 -2.83 53.70	-24.24 -2.35 50.87	-25.27 -2.47 52.07	-23.64 -2.60 52.14	-18.27 -2.52 45.64	24.46 -2.17 1.28	36.85 -2.77 -3.57	33.09 -2.82 0.00	24.51 -2.49 1.04	-17.80 -2.56 41.92	-21.38 -2.41 44.47	-21.65 -1.99 41.51	-22.63 0.46 17.17
HUDSON AVE_GT_3 23810	112.20 8.12 -9.92	113.70 7.95 -6.24	123.65 6.53 -34.67	135.47 2.51 -100.61	131.91 2.52 -97.26	145.59 2.02 -114.55	144.18 4.37 -83.72	152.61 2.34 -121.11	141.55 2.52 -108.17	98.83 3.13 -60.79	127.25 3.12 -90.23	113.29 3.16 -76.26	123.48 2.70 -91.81	126.18 2.79 -94.12	116.93 2.99 -82.84	133.00 2.78 -100.33	141.09 2.53 -110.64	165.48 3.21 -126.22	147.59 3.24 -108.44	141.73 2.47 -111.22	136.03 2.34 -107.01	125.74 2.25 -97.98	149.93 1.91 -126.16	169.53 -0.48 -175.92
HUDSON AVE_GT_4 23540	112.20 8.12 -9.92	113.70 7.95 -6.24	123.65 6.53 -34.67	135.47 2.51 -100.61	131.91 2.52 -97.26	145.59 2.02 -114.55	144.18 4.37 -83.72	152.61 2.34 -121.11	141.55 2.52 -108.17	98.83 3.13 -60.79	127.25 3.12 -90.23	113.29 3.16 -76.26	123.48 2.70 -91.81	126.18 2.79 -94.12	116.93 2.99 -82.84	133.00 2.78 -100.33	141.09 2.53 -110.64	165.48 3.21 -126.22	147.59 3.24 -108.44	141.73 2.47 -111.22	136.03 2.34 -107.01	125.74 2.25 -97.98	149.93 1.91 -126.16	169.53 -0.48 -175.92
HUDSON AVE_GT_5 23657	112.20 8.12 -9.92	113.70 7.95 -6.24	123.65 6.53 -34.67	135.47 2.51 -100.61	131.91 2.52 -97.26	145.59 2.02 -114.55	144.18 4.37 -83.72	152.61 2.34 -121.11	141.55 2.52 -108.17	98.83 3.13 -60.79	127.25 3.12 -90.23	113.29 3.16 -76.26	123.48 2.70 -91.81	126.18 2.79 -94.12	116.93 2.99 -82.84	133.00 2.78 -100.33	141.09 2.53 -110.64	165.48 3.21 -126.22	147.59 3.24 -108.44	141.73 2.47 -111.22	136.03 2.34 -107.01	125.74 2.25 -97.98	149.93 1.91 -126.16	169.53 -0.48 -175.92
HUDSON_AVE_10 24168	111.81 7.74 -9.92	113.30 7.56 -6.24	123.32 6.21 -34.67	135.35 2.38 -100.61	131.78 2.39 -97.26	145.46 1.89 -114.55	143.93 4.12 -83.72	152.49 2.23 -121.11	141.44 2.40 -108.17	98.72 3.01 -60.79	127.07 2.93 -90.23	113.10 2.97 -76.26	123.32 2.54 -91.81	126.01 2.62 -94.12	116.75 2.81 -82.84	132.83 2.61 -100.33	140.94 2.37 -110.64	165.28 3.01 -126.22	147.41 3.05 -108.44	142.28 2.32 -111.91	135.90 2.21 -107.01	125.61 2.13 -97.98	149.83 1.81 -126.16	169.55 -0.46 -175.92
HUDSON___115KV_TB 4 355613	123.21 6.92 -22.13	123.18 7.23 -16.44	139.32 5.88 -51.00	162.11 2.17 -127.58	157.58 2.12 -123.33	175.76 1.47 -145.26	165.16 2.90 -106.18	182.60 1.44 -152.01	165.95 1.45 -133.63	110.23 1.50 -73.82	147.39 1.28 -112.20	125.58 1.03 -90.68	144.29 0.95 -114.37	131.92 0.95 -101.70	134.83 1.02 -102.71	156.38 1.16 -125.33	169.52 1.29 -140.31	192.65 1.67 -154.93	166.54 1.45 -129.18	164.12 1.09 -134.99	163.39 1.00 -135.70	150.79 1.03 -124.25	182.79 0.94 -160.00	216.84 -0.34 -223.10
HUNTER MOUNT___DRP 323613	121.62 7.50 -19.96	121.99 7.86 -14.61	137.12 6.37 -48.30	158.26 2.37 -123.54	153.88 2.32 -119.42	171.36 1.68 -140.66	162.24 3.35 -102.81	178.29 1.68 -147.45	162.57 1.72 -129.98	108.47 1.75 -71.80	144.22 1.45 -108.87	123.44 1.19 -88.39	141.07 1.09 -111.02	130.69 1.09 -100.32	131.93 1.15 -99.68	152.80 1.36 -121.54	165.31 1.53 -135.86	188.49 1.92 -150.52	163.35 1.54 -125.90	160.48 1.14 -131.31	159.11 1.03 -131.40	146.91 1.09 -120.31	177.83 1.05 -154.92	209.75 -0.36 -216.02
HUNTINGTON_RES_REC 323705	114.47 10.40 -9.92	115.81 10.06 -6.24	125.04 7.91 -34.68	135.96 2.97 -100.63	132.53 3.12 -97.28	146.31 2.71 -114.58	145.51 5.68 -83.74	153.14 2.85 -121.13	142.17 3.11 -108.19	99.37 3.64 -60.81	127.70 3.55 -90.25	113.65 3.51 -76.28	123.64 2.84 -91.83	126.30 2.89 -94.14	117.24 3.27 -82.86	133.54 3.30 -100.35	141.67 3.08 -110.67	166.11 3.81 -126.25	148.55 4.17 -108.47	144.87 3.29 -113.55	153.67 3.06 -123.94	132.86 2.93 -104.42	150.47 2.43 -126.19	169.44 -0.61 -175.96
HUNTLEY___63 23557	90.00 -5.88 -1.72	93.72 -6.64 -0.85	81.85 -6.43 -5.84	46.71 -2.47 -16.81	46.03 -2.36 -16.25	46.19 -2.06 -19.23	65.28 -4.91 -14.11	46.51 -3.06 -20.40	45.98 -3.11 -18.23	41.04 -3.80 -9.92	44.03 -4.04 -14.16	41.85 -4.27 -12.25	40.59 -3.76 -15.37	39.92 -3.63 -14.29	41.07 -3.76 -13.72	43.06 -3.55 -16.71	43.10 -3.46 -18.64	52.51 -4.30 -20.75	49.28 -4.07 -17.44	43.07 -3.10 -18.13	41.73 -2.98 -18.03	38.95 -3.07 -16.51	40.51 -2.60 -21.25	24.42 0.69 -29.64
HUNTLEY___64 23558	90.00 -5.88 -1.72	93.72 -6.64 -0.85	81.85 -6.43 -5.84	46.71 -2.47 -16.81	46.03 -2.36 -16.25	46.19 -2.06 -19.23	65.28 -4.91 -14.11	46.51 -3.06 -20.40	45.98 -3.11 -18.23	41.04 -3.80 -9.92	44.03 -4.04 -14.16	41.85 -4.27 -12.25	40.59 -3.76 -15.37	39.92 -3.63 -14.29	41.07 -3.76 -13.72	43.06 -3.55 -16.71	43.10 -3.46 -18.64	52.51 -4.30 -20.75	49.28 -4.07 -17.44	43.07 -3.10 -18.13	41.73 -2.98 -18.03	38.95 -3.07 -16.51	40.51 -2.60 -21.25	24.42 0.69 -29.64
HUNTLEY___65 23559	90.00 -5.88 -1.72	93.72 -6.64 -0.85	81.85 -6.43 -5.84	46.71 -2.47 -16.81	46.03 -2.36 -16.25	46.19 -2.06 -19.23	65.28 -4.91 -14.11	46.51 -3.06 -20.40	45.98 -3.11 -18.23	41.04 -3.80 -9.92	44.03 -4.04 -14.16	41.85 -4.27 -12.25	40.59 -3.76 -15.37	39.92 -3.63 -14.29	41.07 -3.76 -13.72	43.06 -3.55 -16.71	43.10 -3.46 -18.64	52.51 -4.30 -20.75	49.28 -4.07 -17.44	43.07 -3.10 -18.13	41.73 -2.98 -18.03	38.95 -3.07 -16.51	40.51 -2.60 -21.25	24.42 0.69 -29.64
HUNTLEY___66 23560	90.00 -5.88 -1.72	93.72 -6.64 -0.85	81.85 -6.43 -5.84	46.71 -2.47 -16.81	46.03 -2.36 -16.25	46.19 -2.06 -19.23	65.28 -4.91 -14.11	46.51 -3.06 -20.40	45.98 -3.11 -18.23	41.04 -3.80 -9.92	44.03 -4.04 -14.16	41.85 -4.27 -12.25	40.59 -3.76 -15.37	39.92 -3.63 -14.29	41.07 -3.76 -13.72	43.06 -3.55 -16.71	43.10 -3.46 -18.64	52.51 -4.30 -20.75	49.28 -4.07 -17.44	43.07 -3.10 -18.13	41.73 -2.98 -18.03	38.95 -3.07 -16.51	40.51 -2.60 -21.25	24.42 0.69 -29.64

HUNTLEY___67 23561	89.56 -6.35 -1.76	93.26 -7.12 -0.87	81.58 -6.83 -5.95	46.87 -2.63 -17.14	46.17 -2.53 -16.57	46.39 -2.23 -19.59	65.26 -5.19 -14.37	46.78 -3.17 -20.79	46.17 -3.27 -18.56	41.07 -3.95 -10.10	44.01 -4.19 -14.30	41.96 -4.38 -12.48	40.79 -3.84 -15.66	40.08 -3.75 -14.56	41.21 -3.88 -13.98	43.27 -3.65 -17.03	43.36 -3.55 -18.99	52.75 -4.45 -21.14	49.44 -4.24 -17.77	43.29 -3.23 -18.48	41.95 -3.10 -18.37	39.16 -3.17 -16.82	40.84 -2.66 -21.66	24.99 0.70 -30.20
HUNTLEY___68 23562	89.56 -6.35 -1.76	93.26 -7.12 -0.87	81.58 -6.83 -5.95	46.87 -2.63 -17.14	46.17 -2.53 -16.57	46.39 -2.23 -19.59	65.26 -5.19 -14.37	46.78 -3.17 -20.79	46.17 -3.27 -18.56	41.07 -3.95 -10.10	44.01 -4.19 -14.30	41.96 -4.38 -12.48	40.79 -3.84 -15.66	40.08 -3.75 -14.56	41.21 -3.88 -13.98	43.27 -3.65 -17.03	43.36 -3.55 -18.99	52.75 -4.45 -21.14	49.44 -4.24 -17.77	43.29 -3.23 -18.48	41.95 -3.10 -18.37	39.16 -3.17 -16.82	40.84 -2.66 -21.66	24.99 0.70 -30.20
HYLAND___LFGE 323620	97.69 1.59 -1.94	101.59 1.13 -0.96	88.99 0.02 -6.52	51.14 0.04 -18.74	50.40 0.15 -18.12	50.20 -0.26 -21.43	69.20 -2.61 -15.73	50.27 -1.63 -22.75	49.65 -1.53 -20.32	44.00 -1.97 -11.06	51.53 -2.48 -20.11	44.84 -2.68 -13.66	43.56 -2.55 -17.14	42.81 -2.40 -15.93	44.22 -2.18 -15.30	46.61 -1.91 -18.63	47.05 -1.65 -20.78	57.35 -1.84 -23.14	53.71 -1.64 -19.44	46.96 -1.29 -20.22	45.65 -1.13 -20.10	44.03 0.12 -18.40	45.35 -0.20 -23.70	27.21 0.08 -33.04
INDECK___CORINTH 23802	147.91 8.35 -45.40	145.17 8.69 -36.97	160.02 7.16 -70.41	171.16 2.80 -136.00	166.24 2.64 -131.47	185.82 1.94 -154.85	172.71 3.44 -113.19	196.16 1.65 -165.35	182.42 1.70 -149.85	115.35 1.71 -78.72	155.16 1.50 -119.75	131.95 1.46 -96.63	154.45 1.23 -124.25	142.42 1.21 -111.93	141.85 1.35 -109.40	164.79 1.37 -133.53	178.87 1.37 -149.57	202.91 1.89 -164.96	175.17 1.86 -137.39	173.13 1.42 -143.67	172.67 1.33 -144.66	159.18 1.22 -132.45	193.40 0.99 -170.56	231.70 -0.21 -237.83
INDECK___ILION 23567	96.57 2.41 0.00	101.89 2.38 0.00	84.39 1.94 0.00	33.12 0.76 0.00	32.88 0.75 0.00	29.54 0.36 -0.15	57.05 0.88 -0.09	29.62 0.46 0.00	31.33 0.46 0.00	35.38 0.46 0.00	34.37 0.31 -0.16	34.12 0.26 0.00	29.18 0.21 0.00	29.68 0.24 -0.18	33.63 0.34 -2.18	31.02 0.42 -0.71	28.58 0.42 -0.25	36.69 0.64 0.00	36.49 0.58 0.00	28.48 0.44 0.00	27.09 0.41 0.00	25.88 0.37 0.00	22.15 0.30 0.00	-6.01 -0.10 0.00
INDECK___OLEAN 23982	93.31 -2.96 -2.11	96.81 -3.74 -1.05	85.43 -4.09 -7.07	50.96 -1.67 -20.27	50.21 -1.52 -19.59	50.75 -1.43 -23.15	69.45 -3.60 -16.96	51.45 -2.24 -24.53	50.49 -2.30 -21.92	44.23 -2.62 -11.94	49.00 -2.75 -17.85	45.97 -2.64 -14.75	45.27 -2.20 -18.50	44.38 -2.08 -17.19	45.51 -2.09 -16.50	48.04 -1.95 -20.09	48.26 -2.08 -22.41	58.19 -2.82 -24.95	53.93 -2.95 -20.97	47.14 -2.26 -21.36	46.25 -2.10 -21.67	43.14 -2.22 -19.85	45.67 -1.73 -25.56	30.15 0.43 -35.63
INDECK___OSWEGO 23783	90.42 -3.74 0.00	95.92 -3.58 0.00	81.61 -2.88 -2.03	38.79 -1.04 -7.47	38.23 -1.02 -7.11	34.71 -0.96 -6.65	58.04 -1.98 -3.94	36.01 -1.00 -7.85	36.43 -1.07 -6.64	36.26 -1.23 -2.58	37.36 -1.16 -4.62	36.43 -1.18 -3.75	33.30 -1.01 -5.33	32.54 -1.05 -4.31	31.10 -1.18 -1.18	33.65 -1.25 -5.01	34.78 -1.22 -8.07	43.86 -1.58 -9.38	42.16 -1.58 -7.82	35.00 -1.21 -8.17	32.41 -1.12 -6.85	30.51 -1.07 -6.08	29.26 -0.93 -8.34	7.29 0.25 -12.95
INDECK___YERKES 23781	90.06 -5.81 -1.72	93.80 -6.56 -0.85	81.93 -6.36 -5.84	46.75 -2.42 -16.81	46.07 -2.31 -16.25	46.21 -2.04 -19.23	65.30 -4.89 -14.11	46.54 -3.03 -20.40	46.02 -3.07 -18.23	41.11 -3.73 -9.92	44.01 -4.05 -14.16	41.85 -4.27 -12.25	40.57 -3.77 -15.37	39.93 -3.63 -14.29	41.08 -3.74 -13.72	43.06 -3.55 -16.71	43.10 -3.46 -18.64	52.53 -4.27 -20.75	49.31 -4.04 -17.44	42.80 -3.09 -17.86	41.73 -2.98 -18.03	38.94 -3.07 -16.51	40.51 -2.59 -21.25	24.41 0.69 -29.64
INDIAN POINT_GT_1 24139	111.27 7.30 -9.82	112.86 7.18 -6.17	122.64 5.87 -34.32	134.22 2.27 -99.59	130.68 2.28 -96.27	144.25 1.84 -113.39	142.91 3.95 -82.87	151.12 2.09 -119.88	140.16 2.22 -107.07	97.77 2.70 -60.16	125.88 2.67 -89.30	112.01 2.69 -75.45	122.12 2.28 -90.87	124.71 2.36 -93.08	115.62 2.52 -81.99	131.56 2.37 -99.30	139.62 2.18 -109.52	163.80 2.83 -124.91	146.06 2.85 -107.30	140.28 2.18 -110.06	134.67 2.06 -105.92	124.46 1.97 -96.98	148.41 1.67 -124.88	167.80 -0.42 -174.14
INDIAN POINT_GT_2 23659	111.27 7.30 -9.82	112.86 7.18 -6.17	122.64 5.87 -34.32	134.22 2.27 -99.59	130.68 2.28 -96.27	144.25 1.84 -113.39	142.91 3.95 -82.87	151.12 2.09 -119.88	140.16 2.22 -107.07	97.77 2.70 -60.16	125.88 2.67 -89.30	112.01 2.69 -75.45	122.12 2.28 -90.87	124.71 2.36 -93.08	115.62 2.52 -81.99	131.56 2.37 -99.30	139.62 2.18 -109.52	163.80 2.83 -124.91	146.06 2.85 -107.30	140.28 2.18 -110.06	134.67 2.06 -105.92	124.46 1.97 -96.98	148.41 1.67 -124.88	167.80 -0.42 -174.14
INDIAN POINT_GT_3 24019	111.27 7.30 -9.82	112.86 7.18 -6.17	122.64 5.87 -34.32	134.22 2.27 -99.59	130.68 2.28 -96.27	144.25 1.84 -113.39	142.91 3.95 -82.87	151.12 2.09 -119.88	140.16 2.22 -107.07	97.77 2.70 -60.16	125.88 2.67 -89.30	112.01 2.69 -75.45	122.12 2.28 -90.87	124.71 2.36 -93.08	115.62 2.52 -81.99	131.56 2.37 -99.30	139.62 2.18 -109.52	163.80 2.83 -124.91	146.06 2.85 -107.30	140.28 2.18 -110.06	134.67 2.06 -105.92	124.46 1.97 -96.98	148.41 1.67 -124.88	167.80 -0.42 -174.14
INDIAN POINT___2 23530	110.94 7.10 -9.68	112.55 6.95 -6.09	122.00 5.71 -33.84	132.75 2.21 -98.18	129.26 2.21 -94.91	142.60 1.79 -111.79	141.63 3.84 -81.71	149.37 2.02 -118.18	138.58 2.15 -105.56	96.83 2.62 -59.29	124.55 2.62 -88.02	110.85 2.64 -74.35	120.79 2.24 -89.59	123.22 2.31 -91.65	114.38 2.46 -80.82	130.08 2.31 -97.88	138.02 2.13 -107.98	161.92 2.76 -123.11	144.40 2.77 -105.72	138.63 2.12 -108.46	133.12 2.01 -104.43	123.04 1.92 -95.61	146.60 1.63 -123.12	165.35 -0.41 -171.68
INDIAN POINT___3 23531	111.13 7.15 -9.83	112.71 7.02 -6.18	122.55 5.75 -34.34	134.24 2.21 -99.66	130.70 2.23 -96.35	144.29 1.79 -113.48	142.87 3.84 -82.94	151.16 2.03 -119.97	140.18 2.16 -107.15	97.76 2.63 -60.21	125.88 2.61 -89.37	112.01 2.63 -75.51	122.15 2.23 -90.94	124.73 2.30 -93.16	115.62 2.46 -82.06	131.57 2.30 -99.37	139.65 2.13 -109.60	163.82 2.76 -125.01	146.06 2.76 -107.38	140.31 2.12 -110.15	134.69 2.00 -106.00	124.49 1.92 -97.06	148.46 1.63 -124.98	167.94 -0.41 -174.27
INGHAM_C_115KV_TB7 356103	98.46 4.30 0.00	103.82 4.31 0.00	85.98 3.53 0.00	33.73 1.37 0.00	33.46 1.34 0.00	29.90 0.72 -0.15	57.90 1.73 -0.09	30.08 0.92 0.00	31.78 0.91 0.00	35.77 0.85 0.00	34.58 0.52 -0.16	34.23 0.37 0.00	29.28 0.31 0.00	29.78 0.33 -0.18	33.87 0.59 -2.18	31.37 0.76 -0.71	28.95 0.78 -0.25	37.31 1.25 0.00	37.03 1.12 0.00	28.90 0.86 0.00	27.50 0.82 0.00	26.23 0.72 0.00	22.43 0.58 0.00	-6.11 -0.19 0.00
IP CORINTH___1 23988	147.90 8.35 -45.40	145.18 8.70 -36.97	160.02 7.16 -70.41	171.17 2.81 -136.00	166.27 2.67 -131.47	185.89 2.02 -154.85	172.94 3.67 -113.19	196.31 1.80 -165.35	182.58 1.87 -149.85	115.53 1.90 -78.72	155.34 1.68 -119.75	132.13 1.64 -96.63	154.60 1.38 -124.25	142.57 1.37 -111.93	142.02 1.52 -109.40	164.95 1.53 -133.53	179.02 1.53 -149.57	203.11 2.09 -164.96	175.36 2.06 -137.39	173.28 1.57 -143.67	172.81 1.47 -144.66	159.31 1.35 -132.45	193.51 1.10 -170.56	231.67 -0.24 -237.83

IP__TICONDEROGA 23804	151.86 12.66 -45.05	149.53 13.36 -36.67	163.79 11.23 -70.11	172.53 4.33 -135.84	167.76 4.31 -131.32	187.18 3.49 -154.67	175.99 6.86 -113.05	197.89 3.40 -165.34	184.47 3.54 -150.07	117.14 3.59 -78.63	156.73 3.19 -119.63	133.58 3.18 -96.53	156.03 2.83 -124.23	144.06 2.74 -112.05	143.50 3.13 -109.28	166.24 2.98 -133.37	180.23 2.91 -149.40	204.84 4.01 -164.78	177.15 3.99 -137.24	174.61 3.06 -143.51	174.03 2.86 -144.49	160.35 2.55 -132.30	194.36 2.15 -170.36	231.22 -0.41 -237.54
ISLIP_RES_REC 323679	115.95 11.88 -9.92	117.25 11.51 -6.24	126.17 9.04 -34.68	136.36 3.37 -100.63	132.98 3.57 -97.28	146.75 3.15 -114.58	146.37 6.54 -83.74	153.58 3.29 -121.13	142.63 3.57 -108.19	99.84 4.12 -60.81	128.15 4.00 -90.25	114.05 3.90 -76.28	123.98 3.18 -91.83	126.65 3.23 -94.14	117.63 3.66 -82.86	133.97 3.73 -100.35	142.12 3.53 -110.67	166.74 4.44 -126.25	149.14 4.76 -108.47	145.38 3.58 -113.76	153.97 3.34 -123.95	133.13 3.20 -104.42	150.70 2.65 -126.19	169.37 -0.68 -175.96
JAMAICA__27_KV_LOAD 355505	112.49 8.42 -9.92	114.02 8.28 -6.24	123.92 6.80 -34.67	135.59 2.62 -100.61	132.01 2.62 -97.26	145.63 2.06 -114.55	144.32 4.51 -83.72	152.72 2.46 -121.11	141.74 2.70 -108.17	99.05 3.35 -60.79	127.20 3.07 -90.23	113.18 3.05 -76.26	123.41 2.63 -91.81	126.09 2.70 -94.12	116.83 2.88 -82.84	132.90 2.68 -100.33	141.04 2.48 -110.64	165.40 3.13 -126.22	147.61 3.25 -108.44	142.60 2.47 -112.09	136.04 2.35 -107.01	125.76 2.28 -97.98	149.98 1.96 -126.16	169.52 -0.49 -175.92
JANIS__SOLAR 323808	103.04 5.02 -3.87	107.02 4.90 -2.61	96.93 3.71 -10.76	62.92 1.45 -29.11	61.70 1.43 -28.14	63.46 1.22 -33.22	82.92 2.51 -24.32	65.60 1.26 -35.18	63.57 1.28 -31.42	53.31 1.29 -17.11	60.75 1.00 -25.84	55.84 0.84 -21.13	56.20 0.72 -26.51	54.71 0.78 -24.66	55.73 0.96 -23.66	59.75 1.04 -28.82	61.09 1.03 -32.14	73.43 1.58 -35.79	67.52 1.53 -30.08	60.53 1.17 -31.32	58.82 1.05 -31.08	54.82 0.85 -28.46	59.17 0.67 -36.65	45.02 -0.16 -51.10
JARVIS____ 23743	95.00 0.84 0.00	100.30 0.79 0.00	83.11 0.66 0.00	32.62 0.26 0.00	32.38 0.25 0.00	29.21 0.03 -0.15	56.23 0.06 -0.09	29.19 0.03 0.00	30.90 0.03 0.00	34.92 0.01 0.00	34.06 0.00 -0.16	33.90 0.03 0.00	29.00 0.03 0.00	29.47 0.03 -0.18	33.32 0.03 -2.18	30.64 0.03 -0.71	28.20 0.03 -0.25	36.09 0.04 0.00	35.94 0.02 0.00	28.05 0.01 0.00	26.68 0.00 0.00	25.52 0.01 0.00	21.87 0.02 0.00	-5.92 -0.01 0.00
JENNISON__1 23625	102.88 3.00 -5.72	106.52 3.06 -3.95	99.08 2.27 -14.36	70.49 0.81 -37.32	68.99 0.79 -36.07	72.10 0.58 -42.50	88.53 1.38 -31.06	74.77 0.68 -44.94	71.72 0.71 -40.14	57.53 0.76 -21.85	67.51 0.60 -33.01	61.34 0.48 -26.99	63.21 0.38 -33.86	61.22 0.44 -31.51	61.96 0.63 -30.23	67.35 0.65 -36.81	69.56 0.59 -41.05	82.70 0.93 -45.71	75.20 0.87 -38.42	68.62 0.63 -39.95	66.93 0.54 -39.70	62.28 0.42 -36.35	68.97 0.30 -46.81	59.30 -0.06 -65.27
JENNISON__2 23626	102.88 3.00 -5.72	106.52 3.06 -3.95	99.08 2.27 -14.36	70.49 0.81 -37.32	68.99 0.79 -36.07	72.10 0.58 -42.50	88.53 1.38 -31.06	74.77 0.68 -44.94	71.72 0.71 -40.14	57.53 0.76 -21.85	67.51 0.60 -33.01	61.34 0.48 -26.99	63.21 0.38 -33.86	61.22 0.44 -31.51	61.96 0.63 -30.23	67.35 0.65 -36.81	69.56 0.59 -41.05	82.70 0.93 -45.71	75.20 0.87 -38.42	68.62 0.63 -39.95	66.93 0.54 -39.70	62.28 0.42 -36.35	68.97 0.30 -46.81	59.30 -0.06 -65.27
JERICHO_RISE_WT_PWR 323719	91.36 -2.81 0.00	96.77 -2.73 0.00	80.32 -2.13 0.00	31.26 -1.10 0.00	27.57 -1.36 3.19	-25.97 -3.00 51.99	-18.27 -5.75 68.61	-14.89 -3.00 41.05	-19.80 -2.92 47.75	-23.30 -2.86 55.35	-25.18 -2.94 56.14	-19.93 -3.14 50.66	-21.07 -2.45 47.59	-22.29 -2.50 49.06	-22.49 -2.76 50.83	-16.02 -2.91 43.00	26.56 -2.69 -1.33	35.94 -3.40 -3.28	34.53 -3.43 -2.05	26.96 -2.91 -1.83	-14.89 -2.90 38.67	-18.52 -2.74 41.29	-18.32 -2.23 37.95	-19.00 0.49 13.57
KATONAH__115KV_46KV_TB4 355592	112.58 8.36 -10.07	114.12 8.28 -6.34	124.34 6.77 -35.12	136.84 2.63 -101.86	133.23 2.64 -98.46	147.16 2.16 -115.97	145.47 4.62 -84.76	154.23 2.46 -122.61	142.99 2.61 -109.51	99.58 3.11 -61.56	128.30 3.04 -91.35	114.14 3.06 -77.22	124.51 2.59 -92.95	127.24 2.64 -95.32	117.82 2.84 -83.88	134.16 2.69 -101.57	142.44 2.50 -112.02	167.12 3.27 -127.79	149.01 3.29 -109.81	143.18 2.52 -112.62	137.39 2.37 -108.34	126.96 2.26 -99.19	151.50 1.92 -127.73	171.71 -0.48 -178.10
KCE_NY_1 323755	145.86 7.14 -44.56	143.25 7.51 -36.23	158.31 6.18 -69.69	170.41 2.43 -135.61	165.56 2.32 -131.10	185.22 1.79 -154.41	172.54 3.59 -112.86	196.29 1.82 -165.31	183.13 1.89 -150.38	115.44 2.01 -78.52	155.16 1.80 -119.45	132.01 1.75 -96.40	154.66 1.48 -124.21	142.98 1.50 -112.21	141.82 1.62 -109.10	164.69 1.64 -133.15	178.70 1.63 -149.15	202.74 2.18 -164.51	175.10 2.16 -137.03	172.95 1.62 -143.29	172.46 1.53 -144.25	159.00 1.42 -132.07	193.12 1.19 -170.07	230.94 -0.29 -237.15
KCE_NY_6_ESR 323823	91.20 -4.80 -1.84	95.03 -5.39 -0.91	83.13 -5.54 -6.22	48.14 -2.10 -17.88	47.40 -2.02 -17.29	47.69 -1.78 -20.45	66.78 -4.29 -14.99	48.18 -2.66 -21.69	47.51 -2.72 -19.37	42.15 -3.31 -10.54	45.20 -3.64 -14.93	43.08 -3.80 -13.02	41.95 -3.35 -16.34	41.23 -3.23 -15.19	42.38 -3.31 -14.58	44.53 -3.12 -17.76	44.67 -3.06 -19.81	54.32 -3.79 -22.05	50.84 -3.61 -18.53	44.27 -2.74 -18.97	43.20 -2.64 -19.16	40.30 -2.75 -17.54	42.14 -2.30 -22.59	26.19 0.61 -31.50
KEDC_PORT_JEFF_GT2 24210	115.39 11.32 -9.92	116.71 10.96 -6.24	125.73 8.60 -34.68	136.19 3.20 -100.63	132.79 3.38 -97.28	146.57 2.97 -114.58	145.99 6.16 -83.74	153.38 3.08 -121.13	142.33 3.27 -108.19	99.53 3.81 -60.81	127.84 3.69 -90.25	113.85 3.71 -76.28	123.82 3.02 -91.83	126.49 3.07 -94.14	117.45 3.49 -82.86	133.76 3.53 -100.35	141.76 3.17 -110.67	166.26 3.96 -126.25	148.67 4.29 -108.47	145.05 3.24 -113.77	153.67 3.03 -123.95	132.98 3.05 -104.42	150.58 2.54 -126.19	169.40 -0.65 -175.96
KEDC_PORT_JEFF_GT3 24211	115.39 11.32 -9.92	116.71 10.96 -6.24	125.73 8.60 -34.68	136.19 3.20 -100.63	132.79 3.38 -97.28	146.57 2.97 -114.58	145.99 6.16 -83.74	153.38 3.08 -121.13	142.33 3.27 -108.19	99.53 3.81 -60.81	127.84 3.69 -90.25	113.85 3.71 -76.28	123.82 3.02 -91.83	126.49 3.07 -94.14	117.45 3.49 -82.86	133.76 3.53 -100.35	141.76 3.17 -110.67	166.26 3.96 -126.25	148.67 4.29 -108.47	145.05 3.24 -113.77	153.67 3.03 -123.95	132.98 3.05 -104.42	150.58 2.54 -126.19	169.40 -0.65 -175.96
KEDC_GLWD_GT4 24219	113.17 9.09 -9.92	114.65 8.90 -6.24	124.31 7.19 -34.68	135.74 2.75 -100.63	132.21 2.80 -97.28	145.75 2.15 -114.58	144.42 4.59 -83.74	152.70 2.41 -121.13	141.67 2.60 -108.19	98.84 3.12 -60.81	127.24 3.09 -90.25	113.23 3.09 -76.28	123.36 2.56 -91.83	126.02 2.61 -94.14	116.83 2.86 -82.86	132.99 2.75 -100.35	141.12 2.54 -110.67	165.51 3.20 -126.25	147.71 3.33 -108.47	142.53 2.58 -111.92	152.88 2.42 -123.77	132.24 2.30 -104.42	149.98 1.94 -126.19	169.55 -0.50 -175.96
KEDC_GLWD_GT5 24220	113.17 9.09 -9.92	114.65 8.90 -6.24	124.31 7.19 -34.68	135.74 2.75 -100.63	132.21 2.80 -97.28	145.75 2.15 -114.58	144.42 4.59 -83.74	152.70 2.41 -121.13	141.67 2.60 -108.19	98.84 3.12 -60.81	127.24 3.09 -90.25	113.23 3.09 -76.28	123.36 2.56 -91.83	126.02 2.61 -94.14	116.83 2.86 -82.86	132.99 2.75 -100.35	141.12 2.54 -110.67	165.51 3.20 -126.25	147.71 3.33 -108.47	142.53 2.58 -111.92	152.88 2.42 -123.77	132.24 2.30 -104.42	149.98 1.94 -126.19	169.55 -0.50 -175.96

KENSICO____ 23655	111.68 7.62 -9.90	113.24 7.51 -6.22	123.20 6.15 -34.60	135.15 2.38 -100.41	131.57 2.37 -97.07	145.27 1.92 -114.33	143.77 4.12 -83.56	152.22 2.19 -120.87	141.16 2.33 -107.96	98.43 2.84 -60.67	126.76 2.81 -90.05	112.80 2.83 -76.11	123.00 2.39 -91.63	125.66 2.47 -93.92	116.42 2.64 -82.68	132.50 2.48 -100.13	140.63 2.29 -110.43	164.97 2.95 -125.97	147.10 2.97 -108.22	141.31 2.28 -111.00	135.63 2.15 -106.80	125.35 2.05 -97.79	149.52 1.75 -125.92	169.22 -0.44 -175.58
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	115.02 10.25 -10.60	116.71 10.24 -6.96	124.85 8.35 -34.05	132.09 3.28 -96.45	128.69 3.31 -93.24	141.71 2.87 -109.82	142.45 6.10 -80.27	148.53 3.28 -116.10	138.01 3.44 -103.69	96.60 3.92 -57.77	123.74 3.69 -86.15	109.56 3.54 -72.15	119.81 2.98 -87.86	120.11 3.10 -87.74	113.58 3.43 -79.05	129.14 3.36 -95.88	137.24 3.25 -106.07	160.62 4.38 -120.19	142.90 4.34 -102.64	137.05 3.34 -105.67	132.41 3.14 -102.59	122.34 2.90 -93.93	145.22 2.42 -120.96	162.15 -0.60 -168.66
KIAC_JFK_GT1 23816	111.49 7.41 -9.92	113.08 7.34 -6.24	123.18 6.06 -34.67	135.30 2.33 -100.61	131.71 2.32 -97.26	145.32 1.74 -114.55	143.70 3.89 -83.72	152.39 2.13 -121.11	141.40 2.36 -108.17	98.68 2.97 -60.79	126.85 2.72 -90.23	112.82 2.69 -76.26	123.11 2.33 -91.81	125.79 2.40 -94.12	116.51 2.56 -82.84	132.58 2.36 -100.33	140.73 2.17 -110.64	164.99 2.72 -126.22	147.19 2.84 -108.44	142.28 2.15 -112.09	135.74 2.05 -107.01	125.48 2.00 -97.98	149.74 1.72 -126.16	169.58 -0.43 -175.92
KIAC_JFK_GT2 23817	111.49 7.41 -9.92	113.08 7.34 -6.24	123.18 6.06 -34.67	135.30 2.33 -100.61	131.71 2.32 -97.26	145.32 1.74 -114.55	143.70 3.89 -83.72	152.39 2.13 -121.11	141.40 2.36 -108.17	98.68 2.97 -60.79	126.85 2.72 -90.23	112.82 2.69 -76.26	123.11 2.33 -91.81	125.79 2.40 -94.12	116.51 2.56 -82.84	132.58 2.36 -100.33	140.73 2.17 -110.64	164.99 2.72 -126.22	147.19 2.84 -108.44	142.28 2.15 -112.09	135.74 2.05 -107.01	125.48 2.00 -97.98	149.74 1.72 -126.16	169.58 -0.43 -175.92
KIAC_JFK____ 323774	111.48 7.41 -9.92	113.08 7.34 -6.24	123.18 6.06 -34.67	135.30 2.33 -100.61	131.71 2.32 -97.26	145.32 1.75 -114.55	143.70 3.89 -83.72	152.39 2.13 -121.11	141.40 2.36 -108.17	98.68 2.97 -60.79	126.86 2.73 -90.23	112.83 2.70 -76.26	123.11 2.34 -91.81	125.79 2.40 -94.12	116.50 2.56 -82.84	132.58 2.37 -100.33	140.73 2.17 -110.64	164.99 2.72 -126.22	147.19 2.84 -108.44	142.29 2.16 -112.09	135.74 2.05 -107.01	125.49 2.00 -97.98	149.74 1.72 -126.16	169.58 -0.43 -175.92
KINTIGH____ 23543	89.25 -6.40 -1.48	93.09 -7.15 -0.74	80.97 -6.58 -5.11	44.60 -2.51 -14.74	43.98 -2.40 -14.25	43.75 -2.15 -16.88	63.56 -4.91 -12.39	44.14 -2.94 -17.92	43.85 -3.03 -16.01	40.00 -3.62 -8.71	42.79 -3.80 -12.69	40.70 -3.93 -10.76	39.05 -3.43 -13.50	38.46 -3.35 -12.55	39.66 -3.49 -12.05	41.28 -3.29 -14.68	41.09 -3.20 -16.37	50.24 -4.04 -18.23	47.37 -3.86 -15.31	41.02 -2.94 -15.93	39.70 -2.82 -15.83	37.14 -2.87 -14.50	38.11 -2.42 -18.67	20.75 0.64 -26.03
KNTFSRNC_46_KV_46KV_LOAD 80397	93.16 -1.00 0.00	98.51 -1.00 0.00	81.65 -0.80 0.00	31.77 -0.59 0.00	27.98 -0.91 3.24	-27.17 -2.54 53.65	-19.88 -4.92 71.05	-17.19 -2.58 43.76	-21.82 -2.35 50.34	-24.37 -2.11 57.18	-26.79 -2.24 58.46	-21.31 -2.52 52.65	-22.83 -1.92 49.87	-23.88 -2.01 51.14	-23.29 -2.20 52.19	-17.63 -2.43 45.10	32.08 -2.22 -6.38	43.78 -2.72 -10.44	35.81 -2.74 -2.63	25.68 -2.36 0.00	-16.81 -2.38 41.10	-20.38 -2.28 43.61	-20.71 -1.86 40.70	-22.38 0.38 16.84
LACHUTE__HYDRO 323717	151.86 12.65 -45.05	149.54 13.37 -36.67	163.79 11.23 -70.11	172.53 4.33 -135.84	167.76 4.31 -131.32	187.18 3.48 -154.67	175.99 6.86 -113.05	197.89 3.39 -165.34	184.47 3.54 -150.07	117.14 3.59 -78.63	156.73 3.19 -119.63	133.58 3.18 -96.53	156.03 2.83 -124.23	144.06 2.74 -112.05	143.50 3.12 -109.28	166.24 2.98 -133.37	180.23 2.91 -149.40	204.84 4.01 -164.78	177.14 3.99 -137.24	174.61 3.06 -143.51	174.03 2.86 -144.49	160.35 2.55 -132.30	194.36 2.15 -170.36	231.22 -0.41 -237.54
LAWRNCV_115KV_TB1 80681	90.74 -3.42 0.00	96.11 -3.40 0.00	79.76 -2.69 0.00	31.14 -1.22 0.00	28.09 -1.41 2.63	-17.24 -3.27 42.99	-7.51 -5.64 57.96	-7.62 -2.88 33.90	-11.68 -2.84 39.70	-14.77 -3.12 46.57	-16.92 -3.24 47.58	-11.71 -3.10 42.47	-13.31 -2.57 39.70	-15.20 -2.78 41.69	-22.54 -2.87 50.77	-11.27 -2.73 38.43	25.97 -2.30 -0.34	35.97 -2.86 -2.77	35.30 -2.92 -2.31	27.88 -2.58 -2.41	-8.03 -2.72 32.00	-11.33 -2.54 34.30	-11.46 -2.09 31.23	-15.51 0.51 10.11
LEDERLE____ 23769	111.01 7.29 -9.55	112.68 7.17 -6.01	121.69 5.88 -33.36	131.42 2.27 -96.78	127.97 2.28 -93.56	141.09 1.87 -110.19	140.64 4.01 -80.54	147.77 2.11 -116.50	137.16 2.24 -104.06	96.06 2.73 -58.42	123.37 2.72 -86.75	109.83 2.72 -73.24	119.59 2.32 -88.30	121.89 2.40 -90.22	113.30 2.56 -79.65	128.76 2.40 -96.47	136.57 2.22 -106.43	160.26 2.89 -121.31	142.96 2.90 -104.15	137.13 2.22 -106.87	131.72 2.10 -102.94	121.76 2.00 -94.25	144.91 1.69 -121.36	162.89 -0.43 -169.23
LIGHTHSE_115KV_TB6 355974	92.50 -1.66 0.00	97.46 -2.05 0.00	82.51 -1.93 -1.98	38.89 -0.74 -7.28	38.18 -0.72 -6.77	31.57 -0.85 -3.40	54.54 -1.60 -0.06	33.91 -0.76 -5.51	34.05 -0.81 -4.00	33.64 -0.94 0.33	34.13 -0.93 -1.15	33.90 -1.00 -1.05	30.84 -0.88 -2.74	29.49 -0.94 -1.15	22.18 -1.01 7.91	29.47 -0.97 -0.55	34.21 -0.82 -7.11	44.32 -0.93 -9.20	42.62 -0.96 -7.67	35.28 -0.77 -8.01	30.63 -0.71 -4.67	28.59 -0.70 -3.78	27.32 -0.67 -6.14	6.13 0.19 -11.85
LINDEN COGEN____ 23786	111.30 7.22 -9.92	112.74 7.00 -6.24	122.87 5.75 -34.67	135.17 2.21 -100.61	131.60 2.21 -97.26	145.33 1.75 -114.55	139.13 3.78 -79.27	129.14 2.03 -97.95	140.63 2.17 -107.59	98.49 2.78 -60.79	126.92 2.79 -90.23	112.97 2.85 -76.26	123.21 2.43 -91.81	125.89 2.50 -94.12	116.62 2.68 -82.84	130.28 2.46 -97.92	139.28 2.23 -109.13	165.00 2.83 -126.12	144.72 2.84 -105.96	137.83 2.17 -107.62	135.75 2.06 -107.01	125.48 2.00 -97.98	149.70 1.69 -126.16	169.58 -0.43 -175.92
LINDHRST_69_KV_BK1 356055	115.14 11.06 -9.92	116.48 10.74 -6.24	125.66 8.53 -34.68	136.22 3.23 -100.63	132.76 3.35 -97.28	146.50 2.90 -114.58	145.93 6.10 -83.74	153.44 3.14 -121.13	142.44 3.38 -108.19	99.67 3.94 -60.81	127.99 3.84 -90.25	113.91 3.76 -76.28	123.85 3.05 -91.83	126.50 3.09 -94.14	117.42 3.46 -82.86	133.68 3.44 -100.35	141.81 3.22 -110.67	166.31 4.01 -126.25	148.68 4.30 -108.47	144.69 3.30 -113.35	153.68 3.09 -123.91	132.86 2.93 -104.42	150.49 2.44 -126.19	169.42 -0.63 -175.96
LIPA_MISC_IPP 23656	115.30 11.23 -9.92	116.56 10.81 -6.24	125.39 8.27 -34.68	136.02 3.03 -100.63	132.71 3.30 -97.28	146.49 2.89 -114.58	145.75 5.93 -83.74	153.18 2.88 -121.13	142.24 3.18 -108.19	99.38 3.66 -60.81	127.79 3.64 -90.25	113.67 3.52 -76.28	123.64 2.84 -91.83	126.31 2.90 -94.14	117.28 3.32 -82.86	133.66 3.41 -100.35	141.86 3.27 -110.67	166.36 4.06 -126.25	148.80 4.42 -108.47	145.14 3.28 -113.83	153.69 3.05 -123.95	132.85 2.92 -104.42	150.50 2.46 -126.19	169.42 -0.63 -175.96
LISF__SOLAR 323691	115.52 11.44 -9.92	116.78 11.04 -6.24	125.59 8.47 -34.68	136.09 3.10 -100.63	132.78 3.37 -97.28	146.57 2.97 -114.58	145.90 6.07 -83.74	153.24 2.95 -121.13	142.32 3.26 -108.19	99.44 3.72 -60.81	127.85 3.69 -90.25	113.71 3.57 -76.28	123.67 2.87 -91.83	126.34 2.93 -94.14	117.32 3.35 -82.86	133.72 3.48 -100.35	141.94 3.35 -110.67	166.46 4.16 -126.25	148.91 4.53 -108.47	145.22 3.36 -113.82	153.77 3.13 -123.95	132.92 2.99 -104.42	150.55 2.51 -126.19	169.41 -0.64 -175.96

LITTLE FALLS___HYD 24013	98.46 4.30 0.00	103.82 4.31 0.00	85.98 3.53 0.00	33.73 1.37 0.00	33.46 1.34 0.00	29.90 0.72 -0.15	57.90 1.73 -0.09	30.08 0.92 0.00	31.78 0.91 0.00	35.77 0.85 0.00	34.58 0.52 -0.16	34.23 0.37 0.00	29.28 0.31 0.00	29.78 0.33 -0.18	33.87 0.59 -2.18	31.37 0.76 -0.71	28.95 0.78 -0.25	37.31 1.25 0.00	37.03 1.12 0.00	28.90 0.86 0.00	27.50 0.82 0.00	26.23 0.72 0.00	22.43 0.58 0.00	-6.11 -0.19 0.00
LITTLRIV_115KV_TB1 356100	91.65 -2.50 0.00	97.16 -2.34 0.00	80.65 -1.81 0.00	31.49 -0.87 0.00	28.50 -1.06 2.57	-15.99 -2.98 42.03	-5.59 -4.99 56.68	-6.41 -2.52 33.05	-10.33 -2.46 38.74	-13.33 -2.73 45.52	-15.55 -2.90 46.56	-10.41 -2.79 41.49	-12.12 -2.33 38.76	-14.08 -2.54 40.81	-22.22 -2.57 50.76	-10.41 -2.42 37.89	26.31 -1.94 -0.33	36.55 -2.35 -2.85	35.87 -2.43 -2.38	28.33 -2.20 -2.49	-6.90 -2.39 31.20	-10.19 -2.24 33.46	-10.42 -1.85 30.42	-15.16 0.45 9.70
LI_NEWBRDGE___DRP 323616	113.13 9.06 -9.92	114.50 8.76 -6.24	124.11 6.98 -34.68	135.64 2.65 -100.63	132.14 2.73 -97.28	145.91 2.31 -114.58	144.72 4.89 -83.74	152.81 2.52 -121.13	141.78 2.72 -108.19	98.95 3.23 -60.81	127.36 3.21 -90.25	113.32 3.17 -76.28	123.37 2.57 -91.83	126.04 2.63 -94.14	116.88 2.92 -82.86	133.09 2.85 -100.35	141.22 2.64 -110.67	165.56 3.25 -126.25	147.87 3.49 -108.47	139.90 -2.72 -109.13	152.94 2.54 -123.71	132.36 2.43 -104.42	150.09 2.04 -126.19	169.53 -0.52 -175.96
LOCKPORT_115KV_TB60_63_64 80432	88.74 -7.05 -1.64	92.59 -7.73 -0.82	80.65 -7.38 -5.58	45.52 -2.93 -16.09	44.87 -2.81 -15.55	45.00 -2.43 -18.41	64.12 -5.48 -13.52	45.31 -3.39 -19.55	44.84 -3.49 -17.46	40.20 -4.21 -9.50	43.09 -4.46 -13.65	40.91 -4.69 -11.74	39.57 -4.13 -14.73	38.94 -4.02 -13.69	40.08 -4.16 -13.15	41.98 -3.92 -16.01	41.99 -3.79 -17.86	51.20 -4.73 -19.88	48.12 -4.50 -16.71	41.98 -3.44 -17.37	40.65 -3.31 -17.27	37.94 -3.38 -15.82	39.34 -2.87 -20.36	23.24 0.76 -28.40
LOCKPORT___CC1 323769	88.42 -7.39 -1.65	92.25 -8.07 -0.82	80.46 -7.62 -5.63	45.59 -2.99 -16.22	44.94 -2.87 -15.68	45.06 -2.52 -18.56	63.98 -5.72 -13.62	45.39 -3.47 -19.70	44.89 -3.58 -17.60	40.20 -4.29 -9.58	43.00 -4.61 -13.71	40.87 -4.83 -11.83	39.56 -4.25 -14.84	38.94 -4.13 -13.80	40.07 -4.28 -13.25	41.99 -4.04 -16.14	42.02 -3.90 -18.00	51.22 -4.87 -20.04	48.11 -4.64 -16.84	41.76 -3.55 -17.27	40.68 -3.41 -17.41	37.97 -3.48 -15.94	39.43 -2.95 -20.53	23.48 0.78 -28.62
LOCKPORT___CC2 323770	88.42 -7.39 -1.65	92.25 -8.07 -0.82	80.46 -7.62 -5.63	45.59 -2.99 -16.22	44.94 -2.87 -15.68	45.06 -2.52 -18.56	63.98 -5.72 -13.62	45.39 -3.47 -19.70	44.89 -3.58 -17.60	40.20 -4.29 -9.58	43.00 -4.61 -13.71	40.87 -4.83 -11.83	39.56 -4.25 -14.84	38.94 -4.13 -13.80	40.07 -4.28 -13.25	41.99 -4.04 -16.14	42.02 -3.90 -18.00	51.22 -4.87 -20.04	48.11 -4.64 -16.84	41.76 -3.55 -17.27	40.68 -3.41 -17.41	37.97 -3.48 -15.94	39.43 -2.95 -20.53	23.48 0.78 -28.62
LOCKPORT___CC3 323771	88.42 -7.39 -1.65	92.25 -8.07 -0.82	80.46 -7.62 -5.63	45.59 -2.99 -16.22	44.94 -2.87 -15.68	45.06 -2.52 -18.56	63.98 -5.72 -13.62	45.39 -3.47 -19.70	44.89 -3.58 -17.60	40.20 -4.29 -9.58	43.00 -4.61 -13.71	40.87 -4.83 -11.83	39.56 -4.25 -14.84	38.94 -4.13 -13.80	40.07 -4.28 -13.25	41.99 -4.04 -16.14	42.02 -3.90 -18.00	51.22 -4.87 -20.04	48.11 -4.64 -16.84	41.76 -3.55 -17.27	40.68 -3.41 -17.41	37.97 -3.48 -15.94	39.43 -2.95 -20.53	23.48 0.78 -28.62
LONG_LAKE_PHOENIX 24014	91.55 -2.61 0.00	96.68 -2.83 0.00	82.16 -2.47 -2.18	39.48 -0.88 -8.00	38.95 -0.84 -7.66	36.05 -0.78 -7.80	59.52 -1.61 -5.05	37.20 -0.82 -8.86	37.63 -0.88 -7.64	37.28 -1.01 -3.38	38.63 -0.97 -5.68	37.47 -0.97 -4.58	34.40 -0.82 -6.25	33.71 -0.84 -5.29	33.53 -0.92 -3.35	35.34 -0.89 -6.34	35.90 -0.84 -8.81	45.00 -1.08 -10.02	43.20 -1.07 -8.36	35.96 -0.82 -8.73	33.70 -0.75 -7.77	31.73 -0.75 -6.97	30.55 -0.65 -9.35	8.29 0.18 -14.02
LOVETT___3 23632	110.55 6.80 -9.59	112.19 6.65 -6.03	121.40 5.47 -33.48	131.62 2.11 -97.15	128.16 2.12 -93.91	141.35 1.71 -110.61	140.61 3.67 -80.84	148.04 1.94 -116.94	137.38 2.05 -104.47	96.09 2.52 -58.66	123.51 2.51 -87.10	109.92 2.53 -73.53	119.75 2.14 -88.63	122.09 2.22 -90.59	113.42 2.37 -79.95	128.95 2.22 -96.84	136.80 2.04 -106.84	160.49 2.65 -121.78	143.15 2.67 -104.56	137.37 2.04 -107.28	131.94 1.93 -103.33	121.96 1.85 -94.60	145.24 1.57 -121.82	163.56 -0.40 -169.87
LOVETT___4 23642	110.55 6.80 -9.59	112.19 6.65 -6.03	121.40 5.47 -33.48	131.62 2.11 -97.15	128.16 2.12 -93.91	141.35 1.71 -110.61	140.61 3.67 -80.84	148.04 1.94 -116.94	137.38 2.05 -104.47	96.09 2.52 -58.66	123.51 2.51 -87.10	109.92 2.53 -73.53	119.75 2.14 -88.63	122.09 2.22 -90.59	113.42 2.37 -79.95	128.95 2.22 -96.84	136.80 2.04 -106.84	160.49 2.65 -121.78	143.15 2.67 -104.56	137.37 2.04 -107.28	131.94 1.93 -103.33	121.96 1.85 -94.60	145.24 1.57 -121.82	163.56 -0.40 -169.87
LOVETT___5 23593	110.55 6.80 -9.59	112.19 6.65 -6.03	121.40 5.47 -33.48	131.62 2.11 -97.15	128.16 2.12 -93.91	141.35 1.71 -110.61	140.61 3.67 -80.84	148.04 1.94 -116.94	137.38 2.05 -104.47	96.09 2.52 -58.66	123.51 2.51 -87.10	109.92 2.53 -73.53	119.75 2.14 -88.63	122.09 2.22 -90.59	113.42 2.37 -79.95	128.95 2.22 -96.84	136.80 2.04 -106.84	160.49 2.65 -121.78	143.15 2.67 -104.56	137.37 2.04 -107.28	131.94 1.93 -103.33	121.96 1.85 -94.60	145.24 1.57 -121.82	163.56 -0.40 -169.87
LOWER RAQUET___HYD 24057	90.29 -3.87 0.00	95.59 -3.91 0.00	79.33 -3.13 0.00	30.97 -1.39 0.00	28.02 -1.59 2.51	-15.49 -3.38 41.13	-5.25 -5.85 55.48	-6.06 -2.98 32.24	-9.92 -2.95 37.83	-12.89 -3.28 44.53	-15.04 -3.35 45.59	-9.94 -3.23 40.57	-11.59 -2.69 37.87	-13.62 -2.91 39.98	-22.66 -3.01 50.75	-10.33 -2.86 37.37	25.84 -2.40 -0.32	36.01 -2.98 -2.93	35.29 -3.06 -2.44	27.93 -2.66 -2.55	-6.58 -2.82 30.45	-9.79 -2.63 32.67	-10.00 -2.18 29.67	-14.70 0.52 9.31
LOWER___HUDSON 24059	138.50 5.64 -38.71	136.40 5.84 -31.06	151.99 4.79 -64.74	167.49 1.85 -133.28	162.79 1.82 -128.84	182.08 1.30 -151.75	169.53 2.53 -110.92	195.81 1.35 -165.30	186.43 1.45 -154.11	113.84 1.53 -77.41	153.00 1.44 -117.66	130.38 1.43 -95.09	154.32 1.21 -124.14	144.73 1.19 -114.27	139.62 1.22 -107.30	161.99 1.17 -130.92	175.63 1.13 -146.58	199.40 1.50 -161.85	172.29 1.43 -134.95	170.18 1.12 -141.02	169.53 1.09 -141.76	156.35 1.04 -129.80	189.89 0.90 -167.14	226.91 -0.23 -233.06
LOWVILLE_115KV_TB2 356335	94.00 -0.16 0.00	98.54 -0.96 0.00	82.26 -1.19 -1.00	35.41 -0.62 -3.68	34.32 -0.65 -2.85	24.64 -1.12 3.26	44.30 -1.75 10.03	23.58 -0.80 4.78	23.27 -0.85 6.75	23.60 -1.04 10.28	27.52 -1.13 5.26	23.94 -1.18 8.74	20.57 -1.06 7.34	24.70 -1.19 3.37	78.95 -1.15 -48.99	41.54 -1.08 -12.72	37.85 -0.73 -10.66	40.25 -0.73 -4.93	39.21 -0.80 -4.11	31.53 -0.79 -4.29	21.13 -0.79 4.76	19.11 -0.72 5.68	17.17 -0.78 3.90	-2.32 0.22 -3.38
LUTHERFT_115KV_GLOB_FND_222 355753	145.73 7.01 -44.56	143.05 7.31 -36.23	158.15 6.02 -69.69	170.33 2.36 -135.61	165.53 2.30 -131.10	185.21 1.78 -154.41	172.41 3.46 -112.86	196.25 1.78 -165.31	183.11 1.87 -150.38	115.41 1.97 -78.52	155.14 1.79 -119.45	131.98 1.72 -96.40	154.63 1.45 -124.21	142.95 1.47 -112.21	141.79 1.59 -109.10	164.65 1.61 -133.15	178.65 1.59 -149.15	202.69 2.12 -164.51	175.02 2.07 -137.03	172.91 1.59 -143.29	172.43 1.50 -144.25	158.99 1.40 -132.07	193.10 1.17 -170.07	230.94 -0.29 -237.15

LUTHERNY_35_KV_BK2 355980	145.85 7.14 -44.56	143.25 7.51 -36.23	158.31 6.18 -69.69	170.41 2.43 -135.61	165.56 2.33 -131.10	185.22 1.78 -154.41	172.54 3.59 -112.86	196.29 1.82 -165.31	183.13 1.89 -150.38	115.44 2.01 -78.52	155.17 1.81 -119.45	132.01 1.75 -96.40	154.66 1.48 -124.21	142.98 1.50 -112.21	141.82 1.62 -109.10	164.69 1.65 -133.15	178.70 1.63 -149.15	202.74 2.18 -164.51	175.10 2.16 -137.03	172.95 1.62 -143.29	172.46 1.53 -144.25	159.01 1.42 -132.07	193.12 1.19 -170.07	230.94 -0.29 -237.15
LWR___OSWEGATCHIE_HYD 23850	91.24 -2.91 0.00	96.09 -3.42 0.00	80.20 -2.99 -0.74	33.74 -1.33 -2.71	31.57 -1.44 -0.88	-0.54 -2.54 27.02	15.08 -4.33 36.67	7.39 -2.14 19.63	5.06 -2.18 23.63	3.43 -2.47 29.02	0.85 -2.58 30.48	5.18 -2.56 26.12	2.84 -2.18 23.95	-0.08 -2.37 26.98	-21.95 -2.42 50.63	-1.67 -2.27 29.29	26.22 -1.83 -0.14	38.00 -2.17 -4.12	37.10 -2.25 -3.44	29.66 -1.97 -3.59	5.99 -2.03 18.66	3.27 -1.91 20.32	2.37 -1.69 17.80	-8.67 0.43 3.19
LYONS_FALL_HYD 23570	95.35 1.20 0.00	100.24 0.74 0.00	83.73 0.33 -0.95	35.89 0.04 -3.49	35.09 0.03 -2.93	25.32 -0.35 3.35	48.84 -0.34 6.90	27.43 -0.11 1.62	27.72 -0.11 3.04	28.86 -0.18 5.89	28.70 -0.25 4.95	28.82 -0.30 4.74	25.05 -0.30 3.62	24.72 -0.37 4.18	26.06 -0.29 4.74	26.86 -0.25 2.78	31.78 -0.06 -3.92	40.71 0.05 -4.60	39.75 0.00 -3.84	31.93 -0.12 -4.01	24.76 -0.14 1.78	22.90 -0.14 2.47	20.62 -0.23 1.00	-1.59 0.07 -4.25
MADISON___COUNTY_LFGE 323628	97.32 3.16 0.00	102.79 3.28 0.00	86.68 2.51 -1.72	39.68 1.01 -6.31	39.18 1.07 -5.98	35.67 0.84 -5.81	60.96 1.80 -3.08	36.38 0.95 -6.27	37.07 1.01 -5.19	37.73 1.11 -1.70	38.97 1.03 -4.03	37.58 0.98 -2.73	33.90 0.83 -4.10	34.04 0.86 -3.91	41.22 1.00 -9.11	37.54 1.00 -6.65	36.65 0.95 -7.78	45.16 1.18 -7.93	43.62 1.10 -6.61	35.76 0.81 -6.91	32.89 0.76 -5.45	30.96 0.68 -4.77	29.10 0.54 -6.71	4.77 -0.11 -10.80
MALONE___115KV_TB1 356076	92.69 -1.47 0.00	98.05 -1.46 0.00	81.31 -1.14 0.00	31.66 -0.70 0.00	28.19 -0.97 2.97	-22.15 -2.67 48.51	-14.08 -4.85 65.31	-12.18 -2.50 38.84	-16.64 -2.25 45.26	-19.88 -2.33 52.63	-21.91 -2.43 53.49	-16.69 -2.43 48.12	-18.07 -1.90 45.15	-19.50 -2.00 46.78	-21.87 -2.15 50.81	-13.95 -2.26 41.59	27.01 -2.02 -1.11	36.80 -2.49 -3.24	35.54 -2.53 -2.16	27.81 -2.24 -2.01	-12.23 -2.30 36.60	-15.82 -2.21 39.13	-15.83 -1.82 35.87	-18.00 0.41 12.50
MAPLEWOD_115KV_TB3 80458	131.92 5.24 -32.52	130.55 5.46 -25.58	146.98 4.49 -60.04	166.73 1.67 -132.70	162.04 1.63 -128.28	181.17 1.05 -151.09	168.60 2.07 -110.44	186.63 1.10 -156.37	167.13 1.16 -135.10	112.76 1.25 -76.60	151.66 1.20 -116.55	129.05 1.17 -94.01	147.66 0.99 -117.70	133.28 1.02 -102.99	138.91 1.07 -106.74	161.21 1.04 -130.28	174.87 1.01 -145.94	198.31 1.32 -160.94	171.20 1.25 -134.04	169.18 0.97 -140.17	168.74 0.92 -141.14	155.64 0.90 -129.24	189.03 0.76 -166.42	225.90 -0.23 -232.05
MAPLE_RIDGE_WT_1 323574	93.14 -1.02 0.00	98.30 -1.21 0.00	81.38 -1.07 0.00	31.80 -0.57 0.00	27.82 -0.66 3.66	-32.42 -1.58 59.86	-26.62 -2.90 79.81	-21.71 -1.46 49.40	-27.49 -1.54 56.82	-31.35 -1.72 64.55	-33.01 -1.63 65.29	-27.21 -1.64 59.43	-28.72 -1.40 56.30	-29.10 -1.43 56.93	-19.53 -1.52 49.11	-19.27 -1.46 47.70	26.24 -1.23 0.44	34.46 -1.60 0.00	34.31 -1.60 0.00	26.65 -1.39 0.00	-21.10 -1.39 46.40	-24.97 -1.26 49.22	-25.16 -1.07 45.94	-24.67 0.25 19.00
MAPLE_RIDGE_WT_2 323611	93.14 -1.02 0.00	98.30 -1.21 0.00	81.38 -1.07 0.00	31.80 -0.57 0.00	27.82 -0.66 3.66	-32.42 -1.58 59.86	-26.62 -2.90 79.81	-21.71 -1.46 49.40	-27.49 -1.54 56.82	-31.35 -1.72 64.55	-33.01 -1.63 65.29	-27.21 -1.64 59.43	-28.72 -1.40 56.30	-29.10 -1.43 56.93	-19.53 -1.52 49.11	-19.27 -1.46 47.70	26.24 -1.23 0.44	34.46 -1.60 0.00	34.31 -1.60 0.00	26.65 -1.39 0.00	-21.10 -1.39 46.40	-24.97 -1.26 49.22	-25.16 -1.07 45.94	-24.67 0.25 19.00
MARBLE_RIVER_WT_PWR 323696	91.37 -2.79 0.00	96.75 -2.76 0.00	80.23 -2.22 0.00	31.24 -1.12 0.00	27.48 -1.39 3.26	-27.82 -2.94 53.90	-21.00 -5.69 71.40	-17.80 -2.97 43.98	-22.55 -2.83 50.59	-25.30 -2.74 57.47	-27.63 -2.80 58.73	-22.09 -3.03 52.92	-23.51 -2.36 50.13	-24.52 -2.42 51.38	-23.72 -2.65 52.17	-18.18 -2.84 45.23	12.58 -2.69 12.66	17.46 -3.37 15.22	28.66 -3.41 3.84	25.16 -2.88 0.00	-17.48 -2.85 41.31	-21.00 -2.69 43.83	-21.22 -2.17 40.91	-22.38 0.46 16.92
MARSHVLE_115KV_TB1 80742	139.92 4.51 -41.26	137.60 4.48 -33.61	157.73 3.63 -71.65	185.59 1.48 -151.75	180.33 1.50 -146.70	203.30 1.49 -172.79	185.30 2.92 -126.29	213.46 1.60 -182.71	195.68 1.60 -163.21	124.36 1.65 -87.79	168.82 1.39 -133.52	142.80 1.13 -107.80	167.31 0.97 -137.37	153.37 1.16 -122.94	154.52 1.31 -122.11	180.49 1.57 -149.02	196.40 1.58 -166.89	222.26 2.05 -184.15	191.51 2.15 -153.45	190.08 1.62 -160.42	189.59 1.50 -161.41	174.69 1.39 -147.79	213.29 1.13 -190.31	259.18 -0.27 -265.36
MARSH_HILL_WT_PWR 323713	93.09 -3.42 -2.36	96.65 -4.38 -1.52	85.39 -4.91 -7.85	52.71 -2.11 -22.46	51.82 -2.02 -21.71	52.89 -1.78 -25.65	70.84 -4.04 -18.79	53.93 -2.41 -27.18	52.62 -2.53 -24.28	45.05 -3.08 -13.22	53.96 -3.30 -23.35	46.70 -3.50 -16.33	46.42 -3.03 -20.48	45.44 -2.88 -19.04	46.59 -2.80 -18.28	49.57 -2.59 -22.26	50.34 -2.42 -24.83	60.84 -2.87 -27.65	56.42 -2.73 -23.23	50.01 -2.18 -24.16	48.65 -2.05 -24.02	45.43 -2.07 -21.99	48.49 -1.67 -28.32	34.07 0.50 -39.48
MCINTYRE_115KV_TB2 80467	92.95 -1.20 0.00	98.58 -0.93 0.00	81.83 -0.62 0.00	31.97 -0.39 0.00	28.88 -0.59 2.66	-17.11 -2.65 43.48	-6.83 -4.31 58.61	-7.35 -2.17 34.34	-11.41 -2.08 40.20	-14.53 -2.34 47.11	-16.75 -2.55 48.11	-11.55 -2.44 42.97	-13.25 -2.04 40.19	-15.13 -2.26 42.14	-21.90 -2.23 50.77	-10.87 -2.05 38.71	26.70 -1.57 -0.35	36.93 -1.85 -2.73	36.26 -1.93 -2.28	28.59 -1.82 -2.38	-7.78 -2.05 32.41	-11.14 -1.93 34.73	-11.36 -1.58 31.64	-15.86 0.37 10.32
MECO_____69_KV_BK1 80468	145.21 7.01 -44.04	142.55 7.09 -35.95	160.43 5.80 -72.18	180.86 2.29 -146.20	175.79 2.32 -141.34	197.62 2.13 -166.47	182.03 4.27 -121.67	207.52 2.33 -176.03	190.47 2.35 -157.25	121.84 2.38 -84.55	164.50 1.97 -128.62	139.19 1.53 -103.80	162.57 1.25 -132.34	148.98 1.44 -118.28	150.41 1.70 -117.62	175.62 2.17 -143.55	190.96 2.24 -160.79	216.43 3.01 -177.37	186.70 3.04 -147.74	184.84 2.32 -154.48	184.32 2.14 -155.51	169.86 1.96 -142.39	206.79 1.58 -183.35	249.36 -0.39 -255.66
MENANDS___115KV_TB5 355628	129.99 4.77 -31.07	128.80 5.01 -24.28	145.45 4.11 -58.88	166.24 1.49 -132.40	161.55 1.43 -127.99	180.59 0.82 -150.75	167.88 1.61 -110.18	186.15 0.84 -156.15	166.84 0.89 -135.08	112.30 0.96 -76.41	151.12 0.94 -116.28	128.58 0.93 -93.78	147.28 0.79 -117.51	132.93 0.80 -102.86	138.43 0.85 -106.49	160.67 0.80 -129.98	174.30 0.78 -145.61	197.61 0.99 -160.56	170.54 0.93 -133.70	168.59 0.72 -139.83	168.18 0.68 -140.82	155.14 0.69 -128.94	188.48 0.59 -166.04	225.40 -0.21 -231.52
MG INDUSTRY___DRP 24185	118.94 4.14 -20.65	118.97 4.38 -15.08	136.37 3.65 -50.27	162.66 1.35 -128.95	158.09 1.31 -124.65	176.61 0.77 -146.82	164.88 1.48 -107.31	183.80 0.73 -153.91	167.31 0.75 -135.70	110.19 0.78 -74.49	147.95 0.71 -113.34	125.93 0.63 -91.43	145.28 0.56 -115.76	132.39 0.57 -102.55	135.44 0.62 -103.72	157.14 0.65 -126.60	170.39 0.66 -141.81	193.28 0.82 -156.40	166.92 0.76 -130.26	164.84 0.59 -136.22	164.38 0.55 -137.15	151.65 0.57 -125.58	184.07 0.51 -161.71	219.39 -0.18 -225.48

MID___OSWEGATCHIE_HYD 23849	91.24 -2.91 0.00	96.09 -3.42 0.00	80.20 -2.99 -0.74	33.74 -1.33 -2.71	31.57 -1.44 -0.88	-0.54 -2.54 27.02	15.08 -4.33 36.67	7.39 -2.14 19.63	5.06 -2.18 23.63	3.43 -2.47 29.02	0.85 -2.58 30.48	5.18 -2.56 26.12	2.84 -2.18 23.95	-0.08 -2.37 26.98	-21.95 -2.42 50.63	-1.67 -2.27 29.29	26.22 -1.83 -0.14	38.00 -2.17 -4.12	37.10 -2.25 -3.44	29.66 -1.97 -3.59	5.99 -2.03 18.66	3.27 -1.91 20.32	2.37 -1.69 17.80	-8.67 0.43 3.19
MID___RAQUETTE_HYD 23851	90.28 -3.87 0.00	95.59 -3.92 0.00	79.33 -3.13 0.00	30.97 -1.39 0.00	28.02 -1.59 2.51	-15.49 -3.38 41.13	-5.24 -5.84 55.48	-6.05 -2.97 32.24	-9.90 -2.94 37.83	-12.85 -3.24 44.53	-15.04 -3.35 45.59	-9.94 -3.23 40.57	-11.59 -2.69 37.87	-13.62 -2.91 39.98	-22.65 -3.00 50.75	-10.34 -2.86 37.37	25.84 -2.40 -0.32	36.01 -2.98 -2.93	35.29 -3.06 -2.44	27.92 -2.67 -2.55	-6.58 -2.82 30.45	-9.79 -2.62 32.67	-10.00 -2.18 29.67	-14.68 0.54 9.31
MILLIKEN___1 23584	99.03 2.44 -2.43	103.39 2.30 -1.59	91.64 1.48 -7.71	54.73 0.61 -21.76	53.85 0.68 -21.03	54.52 0.52 -24.98	75.45 0.97 -18.39	56.23 0.47 -26.61	55.12 0.49 -23.76	48.39 0.54 -12.94	53.88 0.43 -19.54	50.23 0.39 -15.98	49.38 0.36 -20.05	48.31 0.40 -18.64	49.51 0.52 -17.90	52.22 0.53 -21.79	52.71 0.49 -24.31	63.87 0.75 -27.06	59.36 0.71 -22.74	52.24 0.56 -23.65	50.66 0.47 -23.51	47.41 0.37 -21.52	49.84 0.28 -27.72	32.67 -0.06 -38.65
MILLIKEN___2 23585	99.03 2.44 -2.43	103.39 2.30 -1.59	91.64 1.48 -7.71	54.73 0.61 -21.76	53.85 0.68 -21.03	54.52 0.52 -24.98	75.45 0.97 -18.39	56.23 0.47 -26.61	55.12 0.49 -23.76	48.39 0.54 -12.94	53.88 0.43 -19.54	50.23 0.39 -15.98	49.38 0.36 -20.05	48.31 0.40 -18.64	49.51 0.52 -17.90	52.22 0.53 -21.79	52.71 0.49 -24.31	63.87 0.75 -27.06	59.36 0.71 -22.74	52.24 0.56 -23.65	50.66 0.47 -23.51	47.41 0.37 -21.52	49.84 0.28 -27.72	32.67 -0.06 -38.65
MILLIKEN___DIESEL 23629	99.03 2.44 -2.43	103.39 2.30 -1.59	91.64 1.48 -7.71	54.73 0.61 -21.76	53.85 0.68 -21.03	54.52 0.52 -24.98	75.45 0.97 -18.39	56.23 0.47 -26.61	55.12 0.49 -23.76	48.39 0.54 -12.94	53.88 0.43 -19.54	50.23 0.39 -15.98	49.38 0.36 -20.05	48.31 0.40 -18.64	49.51 0.52 -17.90	52.22 0.53 -21.79	52.71 0.49 -24.31	63.87 0.75 -27.06	59.36 0.71 -22.74	52.24 0.56 -23.65	50.66 0.47 -23.51	47.41 0.37 -21.52	49.84 0.28 -27.72	32.67 -0.06 -38.65
MILLSEAT___LFGE 323607	91.09 -4.64 -1.57	95.10 -5.19 -0.78	82.65 -5.19 -5.38	45.87 -2.02 -15.53	45.27 -1.88 -15.01	45.20 -1.61 -17.78	65.42 -3.73 -13.06	45.70 -2.35 -18.89	45.36 -2.38 -16.87	41.19 -2.91 -9.18	43.94 -3.25 -13.29	41.72 -3.49 -11.34	40.11 -3.10 -14.23	39.51 -2.98 -13.23	40.77 -3.04 -12.71	42.51 -2.85 -15.47	42.44 -2.74 -17.26	51.96 -3.31 -19.22	48.94 -3.12 -16.15	42.21 -2.40 -16.57	41.04 -2.33 -16.69	38.31 -2.49 -15.28	39.41 -2.13 -19.68	22.10 0.57 -27.44
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	111.44 7.42 -9.86	113.01 7.30 -6.20	122.89 5.97 -34.47	134.71 2.31 -100.04	131.15 2.31 -96.70	144.79 1.86 -113.90	143.33 4.00 -83.25	151.69 2.11 -120.42	140.68 2.25 -107.56	98.09 2.73 -60.44	126.32 2.71 -89.71	112.40 2.72 -75.81	122.57 2.31 -91.29	125.19 2.38 -93.54	116.02 2.55 -82.37	132.04 2.39 -99.75	140.14 2.21 -110.01	164.39 2.84 -125.49	146.59 2.87 -107.80	140.81 2.20 -110.57	135.16 2.08 -106.40	124.93 1.99 -97.42	148.99 1.69 -125.45	168.58 -0.42 -174.92
MILLWOOD_13_KV_LOAD 356217	111.57 7.56 -9.86	113.16 7.45 -6.20	123.02 6.09 -34.47	134.74 2.34 -100.04	131.20 2.37 -96.70	144.84 1.91 -113.90	143.43 4.10 -83.25	151.75 2.17 -120.42	140.73 2.31 -107.56	98.15 2.80 -60.44	126.39 2.77 -89.71	112.46 2.79 -75.81	122.61 2.35 -91.29	125.24 2.43 -93.54	116.07 2.60 -82.37	132.09 2.45 -99.75	140.20 2.26 -110.01	164.48 2.94 -125.49	146.67 2.95 -107.80	140.88 2.26 -110.57	135.22 2.14 -106.40	124.97 2.04 -97.42	149.03 1.73 -125.45	168.57 -0.44 -174.92
MODEL_CITY_ENERGY 24167	87.79 -8.04 -1.67	91.70 -8.64 -0.83	79.98 -8.16 -5.69	45.52 -3.25 -16.41	44.87 -3.12 -15.86	45.05 -2.74 -18.77	63.73 -6.13 -13.77	45.36 -3.73 -19.92	44.82 -3.85 -17.80	40.01 -4.59 -9.69	42.90 -4.89 -13.88	40.71 -5.12 -11.96	39.48 -4.50 -15.01	38.83 -4.39 -13.95	39.94 -4.56 -13.40	41.90 -4.31 -16.32	41.96 -4.16 -18.20	51.12 -5.20 -20.26	47.98 -4.97 -17.03	41.69 -3.80 -17.45	40.64 -3.64 -17.60	37.92 -3.71 -16.12	39.48 -3.13 -20.76	23.85 0.83 -28.94
MODERN_LFGE___ 323580	87.79 -8.04 -1.67	91.70 -8.64 -0.83	79.98 -8.16 -5.69	45.52 -3.25 -16.41	44.87 -3.12 -15.86	45.05 -2.74 -18.77	63.73 -6.13 -13.77	45.36 -3.73 -19.92	44.82 -3.85 -17.80	40.01 -4.59 -9.69	42.90 -4.89 -13.88	40.71 -5.12 -11.96	39.48 -4.50 -15.01	38.83 -4.39 -13.95	39.94 -4.56 -13.40	41.90 -4.31 -16.32	41.96 -4.16 -18.20	51.12 -5.20 -20.26	47.98 -4.97 -17.03	41.69 -3.80 -17.45	40.64 -3.64 -17.60	37.92 -3.71 -16.12	39.48 -3.13 -20.76	23.85 0.83 -28.94
MOHAWK_PAPER___DRP 24187	131.92 5.24 -32.52	130.55 5.46 -25.58	146.98 4.49 -60.04	166.73 1.67 -132.70	162.04 1.63 -128.28	181.17 1.05 -151.09	168.60 2.07 -110.44	186.63 1.10 -156.37	167.13 1.16 -135.10	112.76 1.25 -76.60	151.66 1.20 -116.55	129.05 1.17 -94.01	147.66 0.99 -117.70	133.28 1.02 -102.99	138.91 1.07 -106.74	161.21 1.04 -130.28	174.87 1.01 -145.94	198.31 1.32 -160.94	171.20 1.25 -134.04	169.18 0.97 -140.17	168.74 0.92 -141.14	155.64 0.90 -129.24	189.03 0.76 -166.42	225.90 -0.23 -232.05
MOHICAN___35_KV_115KV_LD 80490	147.82 8.81 -44.84	145.14 9.15 -36.49	159.94 7.56 -69.93	171.06 2.96 -135.75	166.21 2.85 -131.23	185.80 2.22 -154.56	173.25 4.19 -112.97	196.58 2.09 -165.33	183.25 2.18 -150.20	115.74 2.24 -78.59	155.46 2.00 -119.55	132.30 1.96 -96.47	154.85 1.65 -124.23	143.03 1.65 -112.11	142.12 1.82 -109.20	165.00 1.82 -133.28	179.00 1.79 -149.29	203.16 2.44 -164.67	175.47 2.40 -137.15	173.29 1.83 -143.42	172.79 1.72 -144.39	159.30 1.58 -132.20	193.40 1.31 -170.24	231.17 -0.30 -237.38
MONGAUP___HYD 23641	110.66 7.42 -9.08	112.58 7.35 -5.72	120.13 6.00 -31.68	126.57 2.33 -91.88	123.28 2.33 -88.82	135.32 1.69 -104.61	135.33 2.79 -76.46	141.25 1.50 -110.59	131.23 1.58 -98.78	92.12 1.84 -55.37	118.19 1.99 -82.29	105.31 2.07 -69.37	114.52 1.76 -83.80	116.22 1.72 -85.23	108.60 1.95 -75.55	123.33 1.91 -91.53	130.47 1.51 -101.04	153.16 2.08 -115.03	136.71 2.14 -98.65	131.01 1.68 -101.29	126.18 1.78 -97.72	116.83 1.85 -89.47	138.61 1.55 -115.21	154.36 -0.38 -160.65
MONTAUK___DIESEL 23721	115.35 11.28 -9.92	116.09 10.35 -6.24	124.21 7.08 -34.68	135.43 2.44 -100.63	132.54 3.13 -97.28	146.42 2.82 -114.58	145.75 5.92 -83.74	152.73 2.44 -121.13	141.73 2.67 -108.19	98.77 3.05 -60.81	127.63 3.48 -90.25	113.37 3.23 -76.28	123.34 2.54 -91.83	125.99 2.58 -94.14	117.00 3.04 -82.86	133.47 3.23 -100.35	141.80 3.22 -110.67	166.35 4.05 -126.25	148.77 4.39 -108.47	145.13 3.27 -113.82	153.65 3.01 -123.95	132.75 2.82 -104.42	150.37 2.33 -126.19	169.46 -0.59 -175.96
MOONROAD_115KV_HARTFLD_TB1-2 355988	93.44 -2.66 -1.94	97.14 -3.33 -0.96	84.57 -4.41 -6.53	49.30 -1.81 -18.75	48.55 -1.71 -18.13	49.04 -1.41 -21.43	68.53 -3.26 -15.71	49.90 -1.98 -22.72	49.10 -2.11 -20.34	43.30 -2.71 -11.09	46.95 -3.00 -16.04	44.32 -3.25 -13.70	43.31 -2.85 -17.19	42.43 -2.78 -15.94	43.53 -2.85 -15.28	45.90 -2.61 -18.61	45.99 -2.69 -20.76	56.03 -3.14 -23.11	52.25 -3.08 -19.42	45.86 -2.38 -20.20	44.40 -2.35 -20.08	41.43 -2.46 -18.38	43.56 -1.97 -23.67	27.63 0.54 -33.01

MORRIS_RIDGE___SOLAR 323848	92.52 -3.90 -2.27	96.29 -4.68 -1.46	85.05 -4.96 -7.56	52.11 -1.90 -21.65	51.27 -1.78 -20.93	52.10 -1.64 -24.72	70.44 -3.75 -18.10	53.07 -2.28 -26.19	51.85 -2.41 -23.39	44.66 -2.98 -12.73	45.21 -3.25 -14.55	46.18 -3.41 -15.73	45.74 -2.96 -19.73	44.83 -2.78 -18.35	46.02 -2.69 -17.61	48.82 -2.52 -21.45	49.42 -2.43 -23.92	59.80 -2.90 -26.64	55.53 -2.77 -22.39	49.18 -2.13 -23.28	47.80 -2.02 -23.14	44.65 -2.05 -21.19	47.43 -1.70 -27.28	32.60 0.47 -38.04
MORTIMER_115KV_TB3 55949	92.07 -3.41 -1.31	96.21 -3.95 -0.65	83.26 -3.76 -4.57	44.20 -1.39 -13.23	43.63 -1.29 -12.79	43.08 -1.13 -15.19	64.62 -2.65 -11.19	43.75 -1.59 -16.18	43.71 -1.61 -14.45	40.81 -1.97 -7.86	43.69 -2.10 -11.88	41.38 -2.20 -9.71	39.22 -1.94 -12.19	38.72 -1.88 -11.33	40.03 -1.96 -10.88	41.31 -1.84 -13.25	40.93 -1.77 -14.78	50.34 -2.18 -16.46	47.68 -2.06 -13.83	40.85 -1.57 -14.38	39.46 -1.53 -14.30	37.00 -1.60 -13.09	37.32 -1.39 -16.86	17.96 0.37 -23.51
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	112.07 7.99 -9.92	113.55 7.81 -6.24	123.54 6.42 -34.67	135.45 2.47 -100.62	131.87 2.47 -97.27	145.58 1.99 -114.57	144.11 4.29 -83.73	152.57 2.29 -121.12	141.51 2.46 -108.18	98.74 3.02 -60.80	127.16 3.02 -90.24	113.19 3.06 -76.27	123.40 2.61 -91.82	126.09 2.69 -94.13	116.83 2.88 -82.85	132.92 2.69 -100.34	141.04 2.46 -110.66	165.42 3.13 -126.23	147.52 3.15 -108.45	141.68 2.41 -111.24	135.98 2.28 -107.02	125.69 2.19 -97.99	149.89 1.86 -126.18	169.55 -0.48 -175.94
MUNSVILLE_WIND_PWR 323609	107.29 8.34 -4.79	111.06 8.27 -3.29	101.62 6.60 -12.57	68.12 2.53 -33.23	66.55 2.30 -32.12	68.81 1.91 -37.88	87.72 3.93 -27.71	71.20 1.97 -40.07	68.65 1.99 -35.80	56.45 2.04 -19.49	65.06 1.72 -29.44	59.40 1.46 -24.07	60.31 1.15 -30.20	58.56 1.19 -28.09	59.53 1.47 -26.96	64.25 1.53 -32.83	66.01 1.48 -36.61	79.05 2.23 -40.77	72.32 2.15 -34.27	65.35 1.63 -35.68	63.57 1.47 -35.41	59.13 1.20 -32.42	64.54 0.94 -41.75	52.05 -0.25 -58.21
N SALMON___HYD 24042	92.70 -1.46 0.00	98.05 -1.46 0.00	81.31 -1.14 0.00	31.66 -0.70 0.00	28.19 -0.97 2.97	-22.16 -2.67 48.51	-14.10 -4.88 65.31	-12.18 -2.50 38.84	-16.65 -2.26 45.26	-19.94 -2.23 52.63	-21.91 -2.33 53.49	-16.69 -2.43 48.12	-18.07 -1.90 45.15	-19.51 -2.00 46.78	-21.88 -2.16 50.81	-13.96 -2.26 41.59	27.01 -2.02 -1.11	36.80 -2.49 -3.24	35.54 -2.53 -2.16	27.81 -2.23 -2.01	-12.23 -2.31 36.60	-15.83 -2.21 39.13	-15.83 -1.82 35.87	-18.03 0.39 12.50
N.AKRON__115KV_KNAPP 355671	90.49 -5.27 -1.60	94.44 -5.86 -0.79	82.12 -5.79 -5.46	45.82 -2.29 -15.75	45.21 -2.15 -15.23	45.22 -1.83 -18.03	65.13 -4.20 -13.24	45.65 -2.66 -19.15	45.26 -2.71 -17.11	40.90 -3.32 -9.31	43.75 -3.59 -13.43	41.53 -3.83 -11.50	40.02 -3.38 -14.43	39.40 -3.28 -13.41	40.61 -3.36 -12.88	42.43 -3.15 -15.69	42.37 -3.05 -17.50	51.78 -3.75 -19.48	48.73 -3.55 -16.37	42.35 -2.71 -17.02	40.98 -2.63 -16.92	38.26 -2.75 -15.49	39.46 -2.35 -19.95	22.53 0.62 -27.82
N.BELMOR_69_KV_BK1 55787	113.79 9.72 -9.92	115.20 9.45 -6.24	124.66 7.53 -34.68	135.86 2.86 -100.63	132.35 2.94 -97.28	146.09 2.49 -114.58	145.13 5.30 -83.74	153.05 2.76 -121.13	142.03 2.97 -108.19	99.22 3.49 -60.81	127.59 3.44 -90.25	113.54 3.39 -76.28	123.56 2.76 -91.83	126.23 2.82 -94.14	117.09 3.13 -82.86	133.30 3.06 -100.35	141.38 2.80 -110.67	165.74 3.44 -126.25	148.03 3.66 -108.47	143.04 2.85 -112.16	153.19 2.70 -123.80	132.51 2.58 -104.42	150.25 2.21 -126.19	169.49 -0.56 -175.96
N.E_GEN_SANDY PD 24062	143.50 6.44 -42.90	140.02 6.54 -33.97	143.05 5.36 -55.24	153.33 2.07 -118.90	148.76 2.05 -114.58	175.99 1.53 -145.44	157.80 3.08 -98.64	174.34 1.62 -143.56	162.03 1.73 -129.43	106.66 1.91 -69.84	140.87 1.84 -105.12	122.30 1.90 -86.54	138.81 1.60 -108.25	134.14 1.59 -103.28	129.05 1.65 -96.30	148.57 1.53 -117.14	154.21 1.44 -124.85	187.37 1.90 -149.42	160.58 1.82 -122.85	158.21 1.41 -128.77	154.10 1.35 -126.06	142.27 1.33 -115.43	171.65 1.16 -148.64	201.05 -0.30 -207.26
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	110.74 7.02 -9.57	112.41 6.88 -6.02	121.53 5.66 -33.42	131.50 2.18 -96.96	128.06 2.19 -93.73	141.20 1.78 -110.40	140.61 3.83 -80.69	147.88 2.01 -116.72	137.23 2.12 -104.24	96.04 2.60 -58.53	123.42 2.61 -86.91	109.86 2.61 -73.38	119.66 2.22 -88.46	121.97 2.29 -90.41	113.34 2.45 -79.80	128.84 2.30 -96.65	136.67 2.11 -106.63	160.35 2.75 -121.55	143.03 2.76 -104.35	137.23 2.11 -107.08	131.82 2.01 -103.13	121.84 1.91 -94.42	145.06 1.62 -121.59	163.23 -0.41 -169.55
N.QUEENS_27_KV_LOAD 356247	112.22 8.14 -9.92	113.36 7.61 -6.24	123.79 6.67 -34.67	135.49 2.51 -100.61	131.91 2.51 -97.27	145.57 1.99 -114.56	144.23 4.41 -83.74	152.60 2.32 -121.11	141.53 2.48 -108.18	98.77 3.05 -60.81	127.18 3.05 -90.22	113.14 3.01 -76.27	123.34 2.55 -91.82	126.03 2.63 -94.13	116.77 2.82 -82.85	132.84 2.62 -100.33	140.94 2.38 -110.64	165.27 2.99 -126.23	147.47 3.10 -108.46	141.69 2.42 -111.23	136.02 2.32 -107.02	125.72 2.22 -97.99	149.90 1.88 -126.18	169.54 -0.48 -175.94
N.TROY___115KV_TB1 355778	138.51 5.65 -38.71	136.40 5.84 -31.06	151.99 4.80 -64.74	167.49 1.85 -133.28	162.79 1.82 -128.84	182.08 1.30 -151.75	169.53 2.53 -110.92	195.81 1.35 -165.30	186.43 1.45 -154.11	113.85 1.53 -77.41	153.00 1.44 -117.66	130.38 1.43 -95.09	154.32 1.21 -124.14	144.74 1.20 -114.27	139.62 1.23 -107.30	161.99 1.17 -130.92	175.63 1.13 -146.58	199.40 1.50 -161.85	172.29 1.43 -134.95	170.18 1.12 -141.02	169.53 1.09 -141.76	156.35 1.04 -129.80	189.89 0.90 -167.14	226.91 -0.24 -233.06
NARROWS_GT1_1 24228	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
NARROWS_GT1_2 24229	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
NARROWS_GT1_3 24230	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
NARROWS_GT1_4 24231	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94

NARROWS_GT1_5 24232	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
NARROWS_GT1_6 24233	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
NARROWS_GT1_7 24234	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
NARROWS_GT1_8 24235	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -337.10	459.04 2.67 -428.45	352.36 3.43 -312.88	377.35 3.49 -337.95	388.98 2.67 -358.27	405.40 2.58 -376.14	495.08 2.48 -467.10	256.50 2.08 -232.58	169.49 -0.53 -175.94
NARROWS_GT2_1 24236	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NARROWS_GT2_2 24237	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NARROWS_GT2_3 24238	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NARROWS_GT2_4 24239	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NARROWS_GT2_5 24240	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NARROWS_GT2_6 24241	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NARROWS_GT2_7 24242	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NARROWS_GT2_8 24243	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	154.34 2.52 -122.67	156.32 2.71 -122.74	116.33 3.33 -78.08	174.58 3.30 -137.38	181.16 3.33 -143.96	173.53 2.84 -141.72	167.12 2.91 -134.94	166.74 3.12 -132.52	173.45 2.93 -140.63	176.63 2.67 -146.03	179.88 3.43 -140.40	160.48 3.49 -121.08	156.25 2.67 -125.54	155.44 2.58 -126.19	152.69 2.48 -124.70	156.42 2.08 -132.49	169.49 -0.53 -175.94
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	121.62 7.50 -19.96	121.99 7.86 -14.61	137.12 6.37 -48.30	158.26 2.37 -123.54	153.88 2.32 -119.42	171.36 1.68 -140.66	162.24 3.35 -102.81	178.29 1.68 -147.45	162.57 1.72 -129.98	108.47 1.75 -71.80	144.22 1.45 -108.87	123.44 1.19 -88.39	141.07 1.09 -111.02	130.69 1.09 -100.32	131.93 1.15 -99.68	152.80 1.36 -121.54	165.31 1.53 -135.86	188.49 1.92 -150.52	163.35 1.54 -125.90	160.48 1.14 -131.31	159.11 1.03 -131.40	146.91 1.09 -120.31	177.83 1.05 -154.92	209.75 -0.36 -216.02
NCHELSEA_115KV_TR2 355582	112.98 8.68 -10.14	114.61 8.66 -6.44	124.32 7.07 -34.79	135.58 2.75 -100.47	132.01 2.76 -97.12	145.70 2.28 -114.40	144.55 4.86 -83.61	152.69 2.59 -120.94	141.63 2.74 -108.02	98.73 3.20 -60.61	127.01 3.07 -90.04	112.89 3.05 -75.97	123.20 2.58 -91.65	125.43 2.65 -93.51	116.62 2.86 -82.66	132.77 2.75 -100.13	141.00 2.59 -110.49	165.36 3.42 -125.89	147.37 3.43 -108.04	141.56 2.63 -110.89	136.02 2.48 -106.86	125.69 2.33 -97.84	149.82 1.97 -126.00	169.27 -0.49 -175.69
NEG CAPITAL___MECHNVIL 23645	144.29 7.17 -42.97	141.79 7.45 -34.83	156.86 6.10 -68.32	169.64 2.40 -134.88	164.87 2.34 -130.39	184.43 1.82 -153.58	171.93 3.59 -112.26	196.26 1.87 -165.23	184.21 1.97 -151.38	115.16 2.08 -78.16	154.69 1.90 -118.88	131.66 1.83 -95.97	154.66 1.55 -124.13	143.56 1.56 -112.73	141.29 1.67 -108.53	164.03 1.69 -132.45	177.93 1.67 -148.34	201.97 2.25 -163.66	174.42 2.16 -136.35	172.27 1.67 -142.56	171.73 1.58 -143.47	158.35 1.48 -131.36	192.24 1.23 -169.16	229.65 -0.31 -235.87

NEG CENTRAL_HIGH_ACRES 23767	90.08 -4.08 0.00	94.90 -4.61 0.00	81.70 -4.24 -3.48	43.61 -1.56 -12.81	43.05 -1.46 -12.38	42.50 -1.29 -14.77	64.15 -2.85 -10.92	43.32 -1.63 -15.79	43.30 -1.68 -14.11	40.60 -1.99 -7.68	43.39 -2.12 -11.60	41.16 -2.19 -9.48	38.96 -1.91 -11.90	38.46 -1.87 -11.06	39.77 -1.95 -10.62	41.00 -1.83 -12.94	40.58 -1.77 -14.43	49.93 -2.18 -16.06	47.33 -2.08 -13.50	40.38 -1.60 -13.94	39.07 -1.57 -13.96	36.65 -1.64 -12.78	36.89 -1.42 -16.46	17.41 0.38 -22.95
NEG CENTRAL___DRP 24199	95.53 -0.06 -1.44	99.85 -0.37 -0.71	86.51 -0.87 -4.93	46.40 -0.18 -14.22	45.84 -0.04 -13.75	45.48 -0.14 -16.59	67.99 -0.52 -12.42	46.77 -0.36 -17.97	46.55 -0.37 -16.05	43.25 -0.40 -8.74	46.91 -0.54 -13.55	44.07 -0.59 -10.79	42.02 -0.49 -13.54	41.46 -0.40 -12.58	42.85 -0.34 -12.09	44.28 -0.34 -14.72	44.02 -0.32 -16.42	53.99 -0.35 -18.28	50.94 -0.33 -15.36	43.76 -0.25 -15.97	42.29 -0.27 -15.88	39.73 -0.32 -14.54	40.28 -0.30 -18.72	20.29 0.09 -26.11
NEG CENTRAL___INDECK 23768	96.15 0.05 -1.94	100.01 -0.46 -0.96	87.74 -1.24 -6.53	50.68 -0.45 -18.77	49.94 -0.33 -18.14	50.00 -0.49 -21.46	69.60 -2.23 -15.75	50.52 -1.41 -22.78	49.83 -1.38 -20.34	44.24 -1.75 -11.07	51.92 -2.14 -20.15	45.23 -2.31 -13.68	44.02 -2.11 -17.16	43.26 -1.97 -15.95	44.58 -1.84 -15.32	46.90 -1.65 -18.66	47.23 -1.50 -20.81	57.53 -1.69 -23.17	53.82 -1.56 -19.46	47.06 -1.22 -20.24	45.69 -1.11 -20.12	43.39 -0.55 -18.43	44.97 -0.60 -23.73	27.35 0.18 -33.09
NEG CENTRAL___SENECA 23627	94.71 -1.06 -1.61	98.81 -1.50 -0.80	86.03 -1.90 -5.47	47.64 -0.49 -15.77	47.08 -0.30 -15.25	46.92 -0.31 -18.20	68.73 -0.84 -13.48	48.09 -0.56 -19.49	47.71 -0.57 -17.41	43.77 -0.62 -9.48	47.96 -0.82 -14.88	44.68 -0.89 -11.70	42.90 -0.76 -14.69	42.30 -0.62 -13.65	43.67 -0.54 -13.11	45.31 -0.55 -15.97	45.21 -0.52 -17.81	55.29 -0.59 -19.83	52.00 -0.57 -16.66	44.92 -0.45 -17.33	43.48 -0.43 -17.23	40.80 -0.48 -15.77	41.74 -0.41 -20.31	22.54 0.14 -28.32
NEG CENTRAL___STATE_STREET 24147	97.31 1.73 -1.42	101.80 1.59 -0.70	88.10 0.84 -4.81	46.55 0.33 -13.86	45.95 0.43 -13.39	45.51 0.23 -16.26	68.50 0.16 -12.26	46.91 0.02 -17.73	46.75 0.04 -15.84	43.68 0.15 -8.62	46.95 0.03 -13.02	44.52 0.01 -10.64	42.40 0.07 -13.36	41.79 0.11 -12.41	43.18 0.16 -11.92	44.59 0.18 -14.52	44.25 0.13 -16.20	54.34 0.25 -18.03	51.33 0.27 -15.15	44.01 0.21 -15.76	42.42 0.08 -15.67	39.92 0.06 -14.34	40.29 -0.03 -18.47	19.84 0.00 -25.75
NEG MILLWOOD___DRP 24198	113.33 9.03 -10.13	114.93 9.01 -6.41	124.90 7.37 -35.08	136.75 2.86 -101.53	133.16 2.88 -98.15	147.02 2.39 -115.60	145.66 5.08 -84.49	154.08 2.71 -122.22	142.89 2.86 -109.16	99.60 3.37 -61.31	128.19 3.26 -91.02	113.98 3.23 -76.89	124.35 2.74 -92.64	126.86 2.80 -94.80	117.69 3.01 -83.58	133.99 2.88 -101.22	142.28 2.70 -111.66	166.92 3.55 -127.32	148.82 3.57 -109.33	142.95 2.74 -112.17	137.25 2.58 -107.99	126.82 2.44 -98.87	151.24 2.07 -127.32	171.10 -0.52 -177.54
NEG NORTH_FLCN_SEA 23793	92.64 -1.52 0.00	98.00 -1.50 0.00	81.23 -1.22 0.00	31.61 -0.75 0.00	27.79 -1.09 3.25	-27.49 -2.73 53.78	-20.52 -5.37 71.23	-17.54 -2.82 43.88	-22.22 -2.61 50.47	-24.80 -2.38 57.34	-27.18 -2.49 58.60	-21.72 -2.80 52.79	-23.19 -2.16 50.01	-24.24 -2.25 51.26	-23.56 -2.48 52.18	-17.97 -2.69 45.17	12.02 -2.50 13.40	16.76 -3.09 16.21	28.70 -3.12 4.09	25.39 -2.65 0.00	-17.17 -2.64 41.21	-20.72 -2.51 43.72	-20.99 -2.04 40.81	-22.39 0.41 16.88
NEG NORTH_KES_CHATEGAY 23792	91.38 -2.78 0.00	96.81 -2.70 0.00	80.36 -2.09 0.00	31.27 -1.09 0.00	27.57 -1.36 3.19	-25.98 -2.99 52.01	-18.25 -5.70 68.63	-14.89 -2.99 41.07	-19.69 -2.79 47.77	-23.13 -2.67 55.37	-25.08 -2.82 56.17	-19.82 -3.00 50.68	-20.96 -2.33 47.61	-22.20 -2.40 49.08	-22.38 -2.65 50.84	-15.91 -2.78 43.02	26.88 -2.55 -1.51	36.35 -3.22 -3.52	34.79 -3.23 -2.11	27.11 -2.75 -1.82	-14.75 -2.75 38.69	-18.42 -2.63 41.31	-18.24 -2.13 37.96	-19.02 0.48 13.58
NEG NORTH___ALICE_FALLS 23915	93.16 -1.00 0.00	98.51 -1.00 0.00	81.65 -0.80 0.00	31.77 -0.59 0.00	27.98 -0.91 3.24	-27.17 -2.54 53.65	-19.88 -4.92 71.05	-17.19 -2.58 43.76	-21.82 -2.35 50.34	-24.37 -2.11 57.18	-26.79 -2.24 58.46	-21.31 -2.52 52.65	-22.83 -1.92 49.87	-23.88 -2.01 51.14	-23.29 -2.20 52.19	-17.63 -2.43 45.10	32.08 -2.22 -6.38	43.78 -2.72 -10.44	35.81 -2.74 -2.63	25.68 -2.36 0.00	-16.81 -2.38 41.10	-20.38 -2.28 43.61	-20.71 -1.86 40.70	-22.38 0.38 16.84
NEG NORTH___LWR_SARANAC 23913	93.16 -1.00 0.00	98.51 -1.00 0.00	81.65 -0.80 0.00	31.77 -0.59 0.00	27.98 -0.91 3.24	-27.17 -2.54 53.65	-19.88 -4.92 71.05	-17.19 -2.58 43.76	-21.82 -2.35 50.34	-24.37 -2.11 57.18	-26.79 -2.24 58.46	-21.31 -2.52 52.65	-22.83 -1.92 49.87	-23.88 -2.01 51.14	-23.29 -2.20 52.19	-17.63 -2.43 45.10	32.08 -2.22 -6.38	43.78 -2.72 -10.44	35.81 -2.74 -2.63	25.68 -2.36 0.00	-16.81 -2.38 41.10	-20.38 -2.28 43.61	-20.71 -1.86 40.70	-22.38 0.38 16.84
NEG NORTH___PLATTSBURG 23628	93.17 -0.99 0.00	98.52 -0.99 0.00	81.65 -0.80 0.00	31.77 -0.59 0.00	27.98 -0.91 3.24	-27.17 -2.55 53.65	-19.91 -4.95 71.05	-17.20 -2.59 43.76	-21.82 -2.35 50.34	-24.44 -2.18 57.18	-26.79 -2.24 58.46	-21.31 -2.52 52.65	-22.83 -1.93 49.87	-23.88 -2.01 51.14	-23.29 -2.21 52.19	-17.64 -2.44 45.10	32.07 -2.22 -6.38	43.78 -2.72 -10.44	35.81 -2.74 -2.63	25.68 -2.36 0.00	-16.81 -2.38 41.10	-20.38 -2.28 43.61	-20.71 -1.86 40.70	-22.39 0.36 16.84
NEG WEST_LEA_LOCKPORT 23791	88.47 -7.34 -1.65	92.27 -8.06 -0.82	80.45 -7.63 -5.63	45.58 -3.00 -16.22	44.92 -2.88 -15.68	45.07 -2.51 -18.56	64.04 -5.67 -13.62	45.38 -3.48 -19.70	44.89 -3.58 -17.60	40.17 -4.32 -9.58	43.04 -4.57 -13.71	40.90 -4.79 -11.83	39.60 -4.21 -14.84	38.95 -4.11 -13.80	40.09 -4.26 -13.25	42.01 -4.02 -16.14	42.04 -3.88 -18.00	51.23 -4.87 -20.04	48.12 -4.63 -16.84	42.02 -3.53 -17.51	40.69 -3.39 -17.41	37.99 -3.46 -15.94	39.44 -2.93 -20.53	23.48 0.78 -28.62
NEG WEST___LANCASTER 23811	93.16 -2.96 -1.97	96.95 -3.54 -0.98	85.06 -4.01 -6.63	49.79 -1.60 -19.03	49.04 -1.48 -18.40	49.47 -1.29 -21.74	68.66 -3.36 -15.94	50.05 -2.16 -23.05	49.26 -2.67 -20.59	43.46 -2.87 -11.21	47.20 -2.87 -16.17	44.77 -2.94 -13.84	43.78 -2.56 -17.37	42.98 -2.44 -16.14	44.13 -2.48 -15.50	46.47 -2.30 -18.88	46.66 -2.32 -21.06	56.53 -2.97 -23.44	52.68 -2.93 -19.70	46.30 -2.22 -20.49	44.93 -2.11 -20.36	41.93 -2.23 -18.65	44.03 -1.83 -24.01	28.05 0.49 -33.48
NEG_PENN_ALLEGHNY 23528	98.40 0.33 -3.91	102.18 0.13 -2.54	94.48 -0.30 -12.33	67.04 -0.07 -34.75	65.73 0.01 -33.59	68.49 -0.09 -39.55	84.83 -0.14 -28.89	70.78 -0.16 -41.78	68.02 -0.17 -37.32	55.05 -0.19 -20.32	64.39 -0.21 -30.70	58.73 -0.23 -25.10	60.28 -0.18 -31.48	58.43 -0.13 -29.29	59.20 -0.01 -28.11	64.12 0.00 -34.23	66.01 -0.08 -38.17	78.54 -0.02 -42.51	71.55 -0.09 -35.72	65.16 -0.09 -37.21	63.52 -0.08 -36.92	59.17 -0.14 -33.81	65.28 -0.10 -43.53	54.83 0.05 -60.70
NEG___GEN_MONROE 24207	92.59 -2.90 -1.33	96.73 -3.44 -0.66	83.64 -3.42 -4.61	44.45 -1.27 -13.36	43.88 -1.17 -12.92	43.37 -0.99 -15.33	65.01 -2.37 -11.29	44.02 -1.47 -16.33	43.99 -1.47 -14.58	41.02 -1.84 -7.94	43.90 -2.00 -11.99	41.53 -2.13 -9.80	39.37 -1.90 -12.30	38.87 -1.84 -11.43	40.19 -1.89 -10.98	41.52 -1.75 -13.38	41.14 -1.70 -14.92	50.62 -2.04 -16.61	47.95 -1.92 -13.95	41.09 -1.46 -14.51	39.68 -1.43 -14.43	37.18 -1.54 -13.21	37.53 -1.34 -17.01	18.16 0.36 -23.72

NEPA__ENERGY 23901	91.47 -4.54 -1.85	95.22 -5.20 -0.92	83.08 -5.62 -6.25	48.12 -2.22 -17.97	47.38 -2.12 -17.37	47.75 -1.82 -20.54	66.91 -4.24 -15.06	48.35 -2.59 -21.79	47.81 -2.60 -19.55	42.39 -3.20 -10.67	45.57 -3.47 -15.13	43.34 -3.70 -13.18	42.26 -3.25 -16.54	41.37 -3.20 -15.30	42.44 -3.32 -14.65	44.65 -3.09 -17.85	44.77 -3.06 -19.91	54.50 -3.72 -22.16	50.98 -3.56 -18.62	44.68 -2.73 -19.36	43.29 -2.64 -19.25	40.39 -2.74 -17.63	42.27 -2.27 -22.70	26.34 0.61 -31.65
NEVERSINK__HYD 23608	111.88 8.02 -9.70	113.72 7.93 -6.28	120.93 6.47 -32.00	126.30 2.54 -91.40	123.06 2.58 -88.35	135.28 2.19 -104.07	136.87 4.72 -76.06	141.72 2.55 -110.01	131.80 2.68 -98.26	92.77 3.05 -54.80	118.46 2.88 -81.68	105.08 2.73 -68.49	114.57 2.32 -83.27	115.12 2.42 -83.43	108.72 2.67 -74.95	123.39 2.61 -90.89	130.96 2.53 -100.51	153.45 3.41 -113.99	136.59 3.27 -97.41	130.79 2.50 -100.24	126.23 2.34 -97.21	116.67 2.16 -89.01	138.25 1.78 -114.61	153.47 -0.43 -159.82
NEWKRMKL_115KV_TB1 55635	128.01 4.42 -29.44	126.98 4.64 -22.83	143.92 3.81 -57.65	165.99 1.32 -132.31	161.29 1.25 -127.91	180.30 0.62 -150.65	167.43 1.23 -110.11	186.80 0.64 -157.00	168.70 0.69 -137.14	112.02 0.75 -76.36	150.85 0.72 -116.22	128.25 0.70 -93.69	147.67 0.60 -118.10	133.68 0.62 -103.79	138.14 0.66 -106.39	160.40 0.63 -129.87	174.06 0.62 -145.52	197.24 0.79 -160.39	170.16 0.74 -133.51	168.27 0.57 -139.66	167.93 0.52 -140.73	154.90 0.53 -128.86	188.25 0.47 -165.93	225.26 -0.20 -231.37
NEWTON__FALLS_HYD 23847	91.24 -2.91 0.00	96.09 -3.42 0.00	80.20 -2.99 -0.74	33.74 -1.33 -2.71	31.57 -1.44 -0.88	-0.54 -2.54 27.02	15.08 -4.33 36.67	7.39 -2.14 19.63	5.06 -2.18 23.63	3.43 -2.47 29.02	0.85 -2.58 30.48	5.18 -2.56 26.12	2.84 -2.18 23.95	-0.08 -2.37 26.98	-21.95 -2.42 50.63	-1.67 -2.27 29.29	26.22 -1.83 -0.14	38.00 -2.17 -4.12	37.10 -2.25 -3.44	29.66 -1.97 -3.59	5.99 -2.03 18.66	3.27 -1.91 20.32	2.37 -1.69 17.80	-8.67 0.43 3.19
NGRID_A1_DSASP 323792	87.51 -8.34 -1.68	91.08 -9.27 -0.84	79.77 -8.42 -5.74	45.74 -3.14 -16.52	45.09 -3.01 -15.97	45.19 -2.72 -18.89	63.54 -6.41 -13.86	45.34 -3.87 -20.05	44.79 -3.99 -17.91	39.91 -4.76 -9.75	42.82 -5.04 -13.96	40.64 -5.27 -12.04	39.45 -4.63 -15.11	38.80 -4.51 -14.04	39.89 -4.70 -13.48	41.86 -4.45 -16.42	41.93 -4.31 -18.32	51.03 -5.42 -20.40	47.89 -5.16 -17.13	41.64 -3.95 -17.55	40.62 -3.78 -17.72	37.91 -3.82 -16.22	39.52 -3.22 -20.89	24.06 0.85 -29.13
NGRID_A2_DSASP 323793	87.51 -8.34 -1.68	91.08 -9.27 -0.84	79.77 -8.42 -5.74	45.74 -3.14 -16.52	45.09 -3.01 -15.97	45.19 -2.72 -18.89	63.54 -6.41 -13.86	45.34 -3.87 -20.05	44.79 -3.99 -17.91	39.91 -4.76 -9.75	42.82 -5.04 -13.96	40.64 -5.27 -12.04	39.45 -4.63 -15.11	38.80 -4.51 -14.04	39.89 -4.70 -13.48	41.86 -4.45 -16.42	41.93 -4.31 -18.32	51.03 -5.42 -20.40	47.89 -5.16 -17.13	41.64 -3.95 -17.55	40.62 -3.78 -17.72	37.91 -3.82 -16.22	39.52 -3.22 -20.89	24.06 0.85 -29.13
NGRID_A4_DSASP 323807	87.51 -8.34 -1.68	91.08 -9.27 -0.84	79.77 -8.42 -5.74	45.74 -3.14 -16.52	45.09 -3.01 -15.97	45.19 -2.72 -18.89	63.54 -6.41 -13.86	45.34 -3.87 -20.05	44.79 -3.99 -17.91	39.91 -4.76 -9.75	42.82 -5.04 -13.96	40.64 -5.27 -12.04	39.45 -4.63 -15.11	38.80 -4.51 -14.04	39.89 -4.70 -13.48	41.86 -4.45 -16.42	41.93 -4.31 -18.32	51.03 -5.42 -20.40	47.89 -5.16 -17.13	41.64 -3.95 -17.55	40.62 -3.78 -17.72	37.91 -3.82 -16.22	39.52 -3.22 -20.89	24.06 0.85 -29.13
NIAGARA_115E_LBMP 323715	87.27 -8.58 -1.69	91.20 -9.14 -0.84	79.57 -8.63 -5.75	45.48 -3.44 -16.56	44.82 -3.32 -16.01	45.05 -2.92 -18.95	63.52 -6.47 -13.90	45.33 -3.93 -20.11	44.76 -4.07 -17.96	39.84 -4.84 -9.78	42.76 -5.14 -14.00	40.57 -5.36 -12.07	39.41 -4.71 -15.15	38.74 -4.61 -14.08	39.84 -4.78 -13.52	41.83 -4.53 -16.47	41.92 -4.37 -18.37	51.02 -5.48 -20.45	47.87 -5.23 -17.18	41.63 -4.01 -17.60	40.61 -3.84 -17.77	37.89 -3.89 -16.27	39.51 -3.28 -20.95	24.16 0.87 -29.21
NIAGARA_115W_LBMP 323714	87.37 -8.47 -1.68	90.93 -9.42 -0.84	79.63 -8.54 -5.73	45.67 -3.18 -16.50	45.02 -3.06 -15.95	45.13 -2.77 -18.87	63.40 -6.53 -13.84	45.26 -3.92 -20.02	44.70 -4.05 -17.88	39.82 -4.82 -9.73	42.75 -5.10 -13.94	40.56 -5.32 -12.02	39.37 -4.68 -15.08	38.72 -4.57 -14.02	39.81 -4.76 -13.47	41.79 -4.51 -16.40	41.85 -4.36 -18.29	50.93 -5.49 -20.37	47.80 -5.23 -17.11	41.56 -4.00 -17.53	40.54 -3.83 -17.69	37.83 -3.87 -16.20	39.45 -3.26 -20.86	24.03 0.86 -29.09
NIAGARA_230_LBMP 323716	88.12 -7.70 -1.66	91.78 -8.55 -0.82	80.27 -7.84 -5.65	45.65 -3.01 -16.29	44.99 -2.89 -15.75	45.06 -2.60 -18.64	63.81 -5.94 -13.67	45.35 -3.59 -19.78	44.82 -3.71 -17.67	40.10 -4.43 -9.62	42.97 -4.73 -13.80	40.85 -4.89 -11.87	39.57 -4.30 -14.90	38.93 -4.19 -13.85	40.04 -4.36 -13.30	41.97 -4.13 -16.20	41.98 -4.01 -18.07	51.13 -5.05 -20.12	48.02 -4.80 -16.90	41.68 -3.67 -17.31	40.64 -3.52 -17.48	37.94 -3.57 -16.00	39.46 -3.00 -20.61	23.60 0.79 -28.73
NIAGARA__115KV_198_GIBSON 55903	87.37 -8.47 -1.68	90.95 -9.40 -0.84	79.63 -8.55 -5.73	45.66 -3.20 -16.50	45.00 -3.08 -15.95	45.14 -2.76 -18.87	63.43 -6.50 -13.84	45.25 -3.93 -20.02	44.69 -4.06 -17.88	39.78 -4.87 -9.73	42.78 -5.06 -13.94	40.59 -5.29 -12.02	39.41 -4.64 -15.08	38.74 -4.55 -14.02	39.83 -4.74 -13.47	41.81 -4.49 -16.40	41.88 -4.34 -18.29	50.94 -5.48 -20.37	47.81 -5.22 -17.11	41.85 -3.99 -17.80	40.55 -3.82 -17.69	37.86 -3.84 -16.20	39.46 -3.25 -20.86	24.03 0.86 -29.09
NIAGARA____ 23760	88.15 -7.70 -1.69	91.79 -8.55 -0.84	80.35 -7.84 -5.74	45.90 -3.01 -16.54	45.23 -2.89 -15.99	45.34 -2.60 -18.93	63.98 -5.94 -13.84	45.53 -3.59 -19.96	44.98 -3.71 -17.82	40.19 -4.43 -9.70	43.08 -4.73 -13.90	40.95 -4.89 -11.97	39.69 -4.30 -15.03	39.05 -4.19 -13.97	40.15 -4.36 -13.41	42.10 -4.13 -16.34	42.12 -4.01 -18.21	51.28 -5.05 -20.27	48.15 -4.80 -17.03	41.81 -3.67 -17.44	40.77 -3.52 -17.61	38.07 -3.57 -16.12	39.62 -3.00 -20.77	23.84 0.79 -28.97
NINE_MILE_1 23575	90.67 -3.49 0.00	95.73 -3.77 0.00	80.84 -3.22 -1.61	37.08 -1.18 -5.91	36.68 -1.17 -5.72	34.70 -1.07 -6.76	58.78 -2.25 -4.94	35.15 -1.15 -7.15	36.02 -1.23 -6.39	36.94 -1.41 -3.44	37.78 -1.35 -5.23	36.74 -1.35 -4.22	33.21 -1.14 -5.38	32.92 -1.18 -4.82	34.60 -1.28 -4.78	34.50 -1.23 -5.83	33.31 -1.14 -6.53	41.79 -1.48 -7.21	40.46 -1.47 -6.01	33.20 -1.12 -6.28	31.95 -1.05 -6.32	30.28 -1.01 -5.78	28.44 -0.86 -7.45	4.70 0.23 -10.38
NINE_MILE_2 23744	90.67 -3.49 0.00	95.73 -3.77 0.00	80.83 -3.22 -1.60	37.06 -1.18 -5.88	36.66 -1.17 -5.69	34.67 -1.07 -6.73	58.76 -2.25 -4.92	35.12 -1.15 -7.12	36.00 -1.23 -6.36	36.93 -1.41 -3.42	37.76 -1.35 -5.20	36.72 -1.35 -4.21	33.19 -1.14 -5.35	32.90 -1.18 -4.80	34.58 -1.28 -4.76	34.47 -1.23 -5.81	33.28 -1.14 -6.50	41.76 -1.48 -7.18	40.43 -1.47 -5.99	33.17 -1.12 -6.26	31.92 -1.05 -6.29	30.26 -1.01 -5.76	28.41 -0.86 -7.42	4.66 0.23 -10.34
NM_CAPITAL__DRP 24208	127.38 4.53 -28.68	126.42 4.75 -22.17	143.36 3.90 -57.01	165.72 1.38 -131.97	161.02 1.31 -127.58	179.99 0.70 -150.27	167.27 1.35 -109.83	186.00 0.71 -156.14	167.37 0.75 -135.75	111.88 0.81 -76.16	150.60 0.79 -115.91	128.10 0.78 -93.45	147.11 0.66 -117.48	132.96 0.68 -103.01	137.94 0.71 -106.13	160.12 0.68 -129.55	173.73 0.66 -145.14	196.90 0.84 -160.00	169.90 0.78 -133.20	167.97 0.60 -139.33	167.62 0.57 -140.38	154.62 0.58 -128.53	187.86 0.50 -165.51	224.67 -0.20 -230.78

NM_CENTRAL___DRP 24181	93.19 -0.96 0.00	98.31 -1.20 0.00	83.89 -1.23 -2.67	41.77 -0.40 -9.82	41.20 -0.35 -9.42	38.96 -0.36 -10.30	62.29 -0.81 -7.01	40.02 -0.43 -11.29	40.27 -0.46 -9.86	39.16 -0.53 -4.77	41.18 -0.51 -7.79	39.58 -0.53 -6.25	36.70 -0.45 -8.17	36.34 -0.44 -7.51	38.02 -0.46 -7.38	38.60 -0.43 -9.14	38.60 -0.42 -11.10	47.89 -0.53 -12.36	45.76 -0.53 -10.38	38.43 -0.40 -10.80	36.23 -0.37 -9.93	34.08 -0.40 -8.97	33.35 -0.36 -11.86	11.51 0.10 -17.32
NM_FRONTIER___DRP 24179	87.37 -8.47 -1.68	90.95 -9.40 -0.84	79.63 -8.55 -5.73	45.66 -3.20 -16.50	45.00 -3.08 -15.95	45.14 -2.76 -18.87	63.43 -6.50 -13.84	45.25 -3.93 -20.02	44.69 -4.06 -17.88	39.78 -4.87 -9.73	42.78 -5.06 -13.94	40.59 -5.29 -12.02	39.41 -4.64 -15.08	38.74 -4.55 -14.02	39.83 -4.74 -13.47	41.81 -4.49 -16.40	41.88 -4.34 -18.29	50.94 -5.48 -20.37	47.81 -5.22 -17.11	41.85 -3.99 -17.80	40.55 -3.82 -17.69	37.86 -3.84 -16.20	39.46 -3.25 -20.86	24.03 0.86 -29.09
NM_ST_REGIS___HYD 24053	90.92 -3.24 0.00	96.24 -3.27 0.00	79.84 -2.61 0.00	31.15 -1.22 0.00	28.09 -1.43 2.61	-16.82 -3.19 42.65	-7.01 -5.59 57.50	-7.29 -2.85 33.60	-11.25 -2.76 39.36	-14.23 -2.95 46.20	-16.39 -3.08 47.22	-11.29 -3.03 42.12	-12.88 -2.48 39.37	-14.78 -2.67 41.38	-22.45 -2.79 50.76	-11.05 -2.71 38.24	26.21 -2.30 -0.59	36.33 -2.86 -3.14	35.40 -2.93 -2.42	27.92 -2.56 -2.44	-7.72 -2.68 31.72	-11.01 -2.53 34.00	-11.18 -2.09 30.94	-15.37 0.50 9.96
NORTHPORT___1 23551	114.37 10.30 -9.92	115.72 9.97 -6.24	125.03 7.91 -34.68	135.97 2.98 -100.63	132.52 3.10 -97.28	146.27 2.67 -114.58	145.44 5.61 -83.74	153.11 2.82 -121.13	142.12 3.06 -108.19	99.35 3.62 -60.81	127.72 3.57 -90.25	113.66 3.52 -76.28	123.65 2.84 -91.83	126.31 2.90 -94.14	117.21 3.25 -82.86	133.47 3.23 -100.35	141.60 3.01 -110.67	166.01 3.71 -126.25	148.32 3.94 -108.47	144.82 2.92 -113.86	153.41 2.77 -123.96	132.60 2.67 -104.42	150.27 2.23 -126.19	169.48 -0.57 -175.96
NORTHPORT___2 23552	114.37 10.30 -9.92	115.72 9.97 -6.24	125.03 7.91 -34.68	135.97 2.98 -100.63	132.52 3.10 -97.28	146.27 2.67 -114.58	145.44 5.61 -83.74	153.11 2.82 -121.13	142.12 3.06 -108.19	99.35 3.62 -60.81	127.72 3.57 -90.25	113.66 3.52 -76.28	123.65 2.84 -91.83	126.31 2.90 -94.14	117.21 3.25 -82.86	133.47 3.23 -100.35	141.60 3.01 -110.67	166.01 3.71 -126.25	148.32 3.94 -108.47	144.82 2.92 -113.86	153.41 2.77 -123.96	132.60 2.67 -104.42	150.27 2.23 -126.19	169.48 -0.57 -175.96
NORTHPORT___3 23553	113.33 9.25 -9.92	114.70 8.96 -6.24	124.20 7.08 -34.68	135.64 2.65 -100.63	132.19 2.78 -97.28	145.96 2.36 -114.58	144.80 4.97 -83.74	152.78 2.49 -121.13	141.84 2.77 -108.19	99.02 3.30 -60.81	127.40 3.25 -90.25	113.35 3.21 -76.28	123.39 2.59 -91.83	126.05 2.64 -94.14	116.93 2.97 -82.86	133.19 2.95 -100.35	141.33 2.74 -110.67	165.62 3.31 -126.25	148.07 3.69 -108.47	144.27 3.05 -113.19	153.42 2.81 -123.92	132.58 2.65 -104.42	150.26 2.21 -126.19	169.50 -0.55 -175.96
NORTHPORT___4 23650	113.33 9.25 -9.92	114.70 8.96 -6.24	124.20 7.08 -34.68	135.64 2.65 -100.63	132.19 2.78 -97.28	145.96 2.36 -114.58	144.80 4.97 -83.74	152.78 2.49 -121.13	141.84 2.77 -108.19	99.02 3.30 -60.81	127.40 3.25 -90.25	113.35 3.21 -76.28	123.39 2.59 -91.83	126.05 2.64 -94.14	116.93 2.97 -82.86	133.19 2.95 -100.35	141.33 2.74 -110.67	165.62 3.31 -126.25	148.07 3.69 -108.47	144.27 3.05 -113.19	153.42 2.81 -123.92	132.58 2.65 -104.42	150.26 2.21 -126.19	169.50 -0.55 -175.96
NORTHPORT___IC 23718	114.37 10.30 -9.92	115.72 9.97 -6.24	125.03 7.90 -34.68	135.97 2.98 -100.63	132.51 3.10 -97.28	146.26 2.66 -114.58	145.43 5.60 -83.74	153.11 2.82 -121.13	142.11 3.05 -108.19	99.35 3.62 -60.81	127.72 3.57 -90.25	113.65 3.51 -76.28	123.64 2.84 -91.83	126.31 2.90 -94.14	117.22 3.25 -82.86	133.46 3.22 -100.35	141.60 3.01 -110.67	166.01 3.71 -126.25	148.32 3.94 -108.47	144.82 2.92 -113.86	153.41 2.77 -123.96	132.59 2.66 -104.42	150.27 2.23 -126.19	169.48 -0.57 -175.96
NORTH___COUNTRY_ESR 323785	91.36 -2.81 0.00	96.77 -2.73 0.00	80.32 -2.13 0.00	31.26 -1.10 0.00	27.57 -1.36 3.19	-25.97 -3.00 51.99	-18.27 -5.75 68.61	-14.89 -3.00 41.05	-19.80 -2.92 47.75	-23.30 -2.86 55.35	-25.18 -2.94 56.14	-19.93 -3.14 50.66	-21.07 -2.45 47.59	-22.29 -2.50 49.06	-22.49 -2.76 50.83	-16.02 -2.91 43.00	26.56 -2.69 -1.33	35.94 -3.40 -3.28	34.53 -3.43 -2.05	26.96 -2.91 -1.83	-14.89 -2.90 38.67	-18.52 -2.74 41.29	-18.32 -2.23 37.95	-19.00 0.49 13.57
NPX_GEN_1385_PROXY 323591	114.37 10.30 -9.92	115.72 9.97 -6.24	125.03 7.91 -34.68	135.97 2.98 -100.63	132.52 3.10 -97.28	146.27 2.67 -114.58	145.44 5.61 -83.74	153.11 2.82 -121.13	142.12 3.06 -108.19	99.35 3.62 -60.81	127.72 3.57 -90.25	113.66 3.52 -76.28	123.65 2.84 -91.83	126.31 2.90 -94.14	117.21 3.25 -82.86	133.47 3.23 -100.35	141.60 3.01 -110.67	166.01 3.71 -126.25	148.32 3.94 -108.47	144.82 2.92 -113.86	153.41 2.77 -123.96	132.60 2.67 -104.42	150.27 2.23 -126.19	169.48 -0.57 -175.96
NPX_GEN_CSC 323557	115.81 11.73 -9.92	117.02 11.28 -6.24	125.55 8.43 -34.68	136.04 3.05 -100.63	132.81 3.39 -97.28	146.60 3.00 -114.58	145.79 5.96 -83.74	153.11 2.82 -121.13	142.27 3.20 -108.19	99.38 3.66 -60.81	127.86 3.70 -90.25	113.71 3.57 -76.28	123.67 2.87 -91.83	126.34 2.93 -94.14	117.33 3.36 -82.86	133.74 3.50 -100.35	141.96 3.37 -110.67	166.44 4.14 -126.25	148.96 4.58 -108.47	145.21 3.35 -113.82	153.75 3.12 -123.95	132.90 2.97 -104.42	150.57 2.52 -126.19	169.40 -0.65 -175.96
NSINS_S___GLNS_FALLS 23858	147.85 8.64 -45.05	145.18 9.00 -36.67	159.97 7.41 -70.11	171.10 2.90 -135.84	166.23 2.78 -131.32	185.84 2.14 -154.67	173.12 3.98 -113.05	196.47 1.98 -165.34	182.99 2.06 -150.06	115.67 2.11 -78.64	155.42 1.88 -119.63	132.25 1.85 -96.53	154.76 1.55 -124.24	142.86 1.54 -112.04	142.09 1.71 -109.28	164.99 1.72 -133.37	179.02 1.70 -149.40	203.15 2.32 -164.78	175.44 2.28 -137.24	173.31 1.75 -143.52	172.80 1.63 -144.49	159.31 1.50 -132.30	193.45 1.24 -170.36	231.36 -0.28 -237.55
NUCOR_STEEL___DRP 24197	97.38 1.87 -1.35	101.93 1.75 -0.67	88.05 0.99 -4.61	46.00 0.35 -13.28	45.34 0.43 -12.79	44.54 0.22 -15.30	68.06 0.14 -11.84	46.30 0.02 -17.12	46.18 0.02 -15.29	43.34 0.11 -8.32	46.44 -0.04 -12.57	44.08 -0.07 -10.28	41.91 0.04 -12.90	41.34 0.09 -11.99	42.74 0.12 -11.51	44.08 0.17 -14.02	43.69 0.12 -15.64	53.71 0.25 -17.41	50.78 0.24 -14.63	43.45 0.19 -15.21	41.87 0.06 -15.13	39.42 0.06 -13.85	39.65 -0.04 -17.84	18.96 0.00 -24.87
NUMBER_THREE_WT_PWR 323818	93.77 -0.39 0.00	98.27 -1.24 0.00	82.03 -1.43 -1.01	35.33 -0.72 -3.69	34.20 -0.77 -2.84	16.56 -1.24 11.22	39.25 -1.97 14.87	23.14 -0.91 5.11	22.76 -0.97 7.14	23.02 -1.17 10.73	19.27 -1.26 13.37	23.40 -1.31 9.15	20.07 -1.18 7.73	15.52 -1.30 12.45	-29.07 -1.29 58.89	5.98 -1.19 22.72	25.56 -0.84 1.53	40.15 -0.87 -4.96	39.12 -0.93 -4.13	31.46 -0.90 -4.32	20.73 -0.88 5.07	18.69 -0.81 6.01	16.79 -0.86 4.20	-2.40 0.23 -3.28
NYISO_LBMP_REFERENCE 24008	94.16 0.00 0.00	99.51 0.00 0.00	82.45 0.00 0.00	32.36 0.00 0.00	32.13 0.00 0.00	29.02 0.00 0.00	56.08 0.00 0.00	29.16 0.00 0.00	30.87 0.00 0.00	34.91 0.00 0.00	33.91 0.00 0.00	33.87 0.00 0.00	28.97 0.00 0.00	29.27 0.00 0.00	31.10 0.00 0.00	29.89 0.00 0.00	27.92 0.00 0.00	36.06 0.00 0.00	35.91 0.00 0.00	28.04 0.00 0.00	26.68 0.00 0.00	25.51 0.00 0.00	21.85 0.00 0.00	-5.92 0.00 0.00

NYPA_BRENTWD____GT 24164	115.48 11.40 -9.92	116.84 11.10 -6.24	125.93 8.81 -34.68	136.30 3.31 -100.63	132.86 3.45 -97.28	146.62 3.02 -114.58	146.15 6.32 -83.74	153.51 3.22 -121.13	142.53 3.47 -108.19	99.76 4.04 -60.81	128.09 3.94 -90.25	114.00 3.86 -76.28	123.93 3.13 -91.83	126.59 3.18 -94.14	117.54 3.57 -82.86	133.82 3.58 -100.35	141.97 3.39 -110.67	166.43 4.13 -126.25	148.87 4.49 -108.47	145.16 3.41 -113.71	153.84 3.21 -123.94	132.97 3.04 -104.42	150.58 2.53 -126.19	169.40 -0.65 -175.96
NYPA_GOWANUS____GT5 24156	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -428.45	459.04 2.67 -312.88	352.36 3.43 -337.95	377.35 3.49 -358.27	388.98 2.67 -376.14	405.40 2.58 -467.10	495.08 2.48 -232.58	256.50 2.08 -175.94	169.49 -0.53
NYPA_GOWANUS____GT6 24157	112.93 8.85 -9.92	114.35 8.60 -6.24	124.25 7.13 -34.67	135.71 2.74 -100.61	132.16 2.76 -97.27	145.84 2.26 -114.56	144.58 4.76 -83.74	181.03 2.52 -149.35	406.20 2.71 -372.62	352.14 3.33 -313.89	328.32 3.30 -291.12	304.39 3.33 -267.20	332.29 2.84 -300.48	352.14 2.91 -319.96	352.14 3.12 -317.92	369.91 2.93 -428.45	459.04 2.67 -312.88	352.36 3.43 -337.95	377.35 3.49 -358.27	388.98 2.67 -376.14	405.40 2.58 -467.10	495.08 2.48 -232.58	256.50 2.08 -175.94	169.49 -0.53
NYPA_HARLEM__RVR__GT1 24160	112.05 7.97 -9.92	113.22 7.47 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.53 1.95 -114.56	144.12 4.30 -83.74	152.54 2.27 -121.11	141.48 2.43 -108.18	98.69 2.97 -60.81	127.11 2.98 -90.22	113.10 2.96 -76.27	123.31 2.51 -91.82	125.99 2.59 -94.13	116.73 2.78 -82.85	132.81 2.59 -100.33	140.91 2.35 -110.64	165.23 2.95 -126.23	147.42 3.05 -108.46	141.64 2.37 -111.23	135.98 2.28 -107.02	125.68 2.18 -97.99	149.87 1.84 -126.18	169.55 -0.47 -175.94
NYPA_HARLEM__RVR__GT2 24161	112.05 7.97 -9.92	113.22 7.47 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.53 1.95 -114.56	144.12 4.30 -83.74	152.54 2.27 -121.11	141.48 2.43 -108.18	98.69 2.97 -60.81	127.11 2.98 -90.22	113.10 2.96 -76.27	123.31 2.51 -91.82	125.99 2.59 -94.13	116.73 2.78 -82.85	132.81 2.59 -100.33	140.91 2.35 -110.64	165.23 2.95 -126.23	147.42 3.05 -108.46	141.64 2.37 -111.23	135.98 2.28 -107.02	125.68 2.18 -97.99	149.87 1.84 -126.18	169.55 -0.47 -175.94
NYPA_KENT____GT 24152	112.72 8.64 -9.92	114.14 8.40 -6.24	124.09 6.97 -34.67	135.64 2.67 -100.61	132.08 2.68 -97.27	145.77 2.19 -114.56	144.48 4.65 -83.74	153.79 2.48 -122.15	151.46 2.67 -117.92	111.32 3.28 -73.12	175.34 3.27 -138.17	182.46 3.30 -145.29	174.44 2.82 -142.65	166.48 2.90 -134.32	166.95 3.10 -132.76	172.48 2.90 -139.68	173.02 2.66 -142.45	176.92 3.38 -137.48	156.22 3.41 -116.91	151.41 2.61 -120.76	148.72 2.50 -119.54	143.35 2.42 -115.42	154.25 2.03 -130.37	169.51 -0.52 -175.94
NYPA_POUCH1____GT 24155	112.67 8.59 -9.92	114.04 8.29 -6.24	124.03 6.91 -34.67	135.62 2.65 -100.61	132.07 2.67 -97.27	145.75 2.17 -114.56	144.37 4.55 -83.74	131.10 2.37 -99.58	126.44 2.56 -93.01	88.12 3.17 -50.03	121.15 3.12 -84.12	113.15 3.15 -76.13	131.25 2.69 -99.59	123.18 2.76 -91.15	122.32 2.96 -88.26	132.31 2.77 -99.64	127.98 2.53 -97.53	157.80 3.26 -118.48	134.53 3.33 -95.29	128.47 2.57 -97.86	125.63 2.49 -96.45	111.88 2.40 -83.97	144.43 2.00 -120.58	169.51 -0.51 -175.94
NYPA_VERNON____GT2 24162	112.51 8.43 -9.92	113.91 8.17 -6.24	123.92 6.80 -34.67	135.58 2.60 -100.61	132.01 2.61 -97.27	145.70 2.12 -114.56	144.38 4.56 -83.74	153.24 2.44 -121.64	146.61 2.63 -113.11	106.30 3.23 -68.15	176.10 3.23 -138.96	183.76 3.29 -146.61	175.35 2.79 -143.58	165.85 2.88 -133.70	167.18 3.08 -133.00	171.51 2.89 -138.73	169.42 2.63 -138.87	173.96 3.35 -134.56	152.02 3.37 -112.73	146.59 2.57 -115.98	142.02 2.44 -112.90	134.00 2.35 -106.14	152.09 1.99 -128.25	169.52 -0.50 -175.94
NYPA_VERNON____GT3 24163	112.51 8.43 -9.92	113.91 8.17 -6.24	123.92 6.80 -34.67	135.58 2.60 -100.61	132.01 2.61 -97.27	145.70 2.12 -114.56	144.38 4.56 -83.74	153.24 2.44 -121.64	146.61 2.63 -113.11	106.30 3.23 -68.15	176.10 3.23 -138.96	183.76 3.29 -146.61	175.35 2.79 -143.58	165.85 2.88 -133.70	167.18 3.08 -133.00	171.51 2.89 -138.73	169.42 2.63 -138.87	173.96 3.35 -134.56	152.02 3.37 -112.73	146.59 2.57 -115.98	142.02 2.44 -112.90	134.00 2.35 -106.14	152.09 1.99 -128.25	169.52 -0.50 -175.94
NYPA__ASTORIA_CC1 323568	112.38 8.30 -9.92	113.78 8.04 -6.24	123.82 6.70 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.30 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.83 3.03 -121.70	161.92 2.84 -129.18	160.08 2.58 -129.58	169.69 3.29 -130.35	147.68 3.31 -108.46	141.80 2.53 -111.23	136.10 2.40 -107.02	125.82 2.32 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
NYPA__ASTORIA_CC2 323569	112.38 8.30 -9.92	113.78 8.04 -6.24	123.82 6.70 -34.67	135.54 2.56 -100.61	131.96 2.57 -97.27	145.66 2.08 -114.56	144.30 4.49 -83.74	152.67 2.40 -121.11	141.64 2.59 -108.18	100.89 3.18 -62.79	165.51 3.19 -128.42	169.33 3.23 -132.24	164.18 2.75 -132.46	156.25 2.83 -124.15	155.83 3.03 -121.70	161.92 2.84 -129.18	160.08 2.58 -129.58	169.69 3.29 -130.35	147.68 3.31 -108.46	141.80 2.53 -111.23	136.10 2.40 -107.02	125.82 2.32 -97.99	149.98 1.96 -126.18	169.53 -0.49 -175.94
NYPA__HOLTSVILL 23794	114.92 10.84 -9.92	116.23 10.48 -6.24	125.36 8.24 -34.68	136.04 3.05 -100.63	132.64 3.24 -97.28	146.43 2.83 -114.58	145.72 5.89 -83.74	153.24 2.95 -121.13	142.25 3.19 -108.19	99.43 3.71 -60.81	127.80 3.65 -90.25	113.71 3.57 -76.28	123.69 2.89 -91.83	126.35 2.94 -94.14	117.30 3.33 -82.86	133.61 3.37 -100.35	141.76 3.17 -110.67	166.24 3.94 -126.25	148.62 4.24 -108.47	145.07 3.20 -113.84	153.63 3.00 -123.95	132.80 2.88 -104.42	150.44 2.39 -126.19	169.43 -0.61 -175.96
NYPA__HELLGATE_GT1 24158	112.05 7.97 -9.92	113.22 7.47 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.53 1.95 -114.56	144.12 4.30 -83.74	152.54 2.27 -121.11	141.48 2.43 -108.18	98.69 2.97 -60.81	127.11 2.98 -90.22	113.10 2.96 -76.27	123.31 2.51 -91.82	125.99 2.59 -94.13	116.73 2.78 -82.85	132.81 2.59 -100.33	140.91 2.35 -110.64	165.23 2.95 -126.23	147.42 3.05 -108.46	141.64 2.37 -111.23	135.98 2.28 -107.02	125.68 2.18 -97.99	149.87 1.84 -126.18	169.55 -0.47 -175.94
NYPA__HELLGATE_GT2 24159	112.05 7.97 -9.92	113.22 7.47 -6.24	123.62 6.50 -34.67	135.44 2.46 -100.61	131.85 2.45 -97.27	145.53 1.95 -114.56	144.12 4.30 -83.74	152.54 2.27 -121.11	141.48 2.43 -108.18	98.69 2.97 -60.81	127.11 2.98 -90.22	113.10 2.96 -76.27	123.31 2.51 -91.82	125.99 2.59 -94.13	116.73 2.78 -82.85	132.81 2.59 -100.33	140.91 2.35 -110.64	165.23 2.95 -126.23	147.42 3.05 -108.46	141.64 2.37 -111.23	135.98 2.28 -107.02	125.68 2.18 -97.99	149.87 1.84 -126.18	169.55 -0.47 -175.94
NYS_BARGE__HYD 23848	88.68 -7.12 -1.64	92.58 -7.74 -0.82	80.65 -7.38 -5.58	45.54 -2.91 -16.09	44.89 -2.79 -15.55	44.99 -2.44 -18.41	64.06 -5.54 -13.52	45.32 -3.38 -19.55	44.85 -3.48 -17.46	40.24 -4.18 -9.50	43.06 -4.50 -13.65	40.88 -4.72 -11.74	39.54 -4.16 -14.73	38.92 -4.04 -13.69	40.07 -4.18 -13.15	41.96 -3.95 -16.01	41.97 -3.81 -17.86	51.17 -4.76 -19.88	48.11 -4.51 -16.71	41.71 -3.46 -17.13	40.63 -3.32 -17.27	37.92 -3.41 -15.82	39.33 -2.88 -20.36	23.24 0.76 -28.40

OAK ORCHARD___HYD 24046	92.06 -3.42 -1.31	96.21 -3.95 -0.65	83.26 -3.76 -4.57	44.21 -1.38 -13.23	43.64 -1.28 -12.79	43.08 -1.14 -15.19	64.62 -2.65 -11.19	43.75 -1.59 -16.18	43.72 -1.60 -14.45	40.83 -1.95 -7.86	43.67 -2.12 -11.88	41.36 -2.22 -9.71	39.20 -1.96 -12.19	38.70 -1.89 -11.33	40.02 -1.97 -10.88	41.30 -1.85 -13.25	40.93 -1.78 -14.78	50.33 -2.19 -16.46	47.67 -2.07 -13.83	40.71 -1.58 -14.25	39.45 -1.53 -14.30	36.98 -1.62 -13.09	37.32 -1.39 -16.86	17.96 0.37 -23.51
OAKDALE___35_KV_LOAD 356122	98.28 0.16 -3.96	102.03 -0.07 -2.59	94.31 -0.44 -12.30	66.74 -0.12 -34.50	65.44 -0.04 -33.35	68.14 -0.16 -39.28	84.48 -0.29 -28.69	70.41 -0.24 -41.50	67.68 -0.25 -37.06	54.82 -0.27 -20.18	64.22 -0.30 -30.62	58.48 -0.31 -24.93	59.99 -0.24 -31.27	58.15 -0.20 -29.09	58.92 -0.09 -27.91	63.80 -0.08 -33.99	65.67 -0.16 -37.91	78.13 -0.14 -42.21	71.19 -0.20 -35.48	64.76 -0.16 -36.89	63.20 -0.14 -36.66	58.88 -0.20 -33.57	64.93 -0.15 -43.23	54.41 0.06 -60.28
OCC_CHEM___DRP 24175	87.55 -8.30 -1.68	91.10 -9.24 -0.84	79.78 -8.40 -5.74	45.73 -3.15 -16.52	45.07 -3.03 -15.97	45.21 -2.71 -18.89	63.56 -6.39 -13.86	45.33 -3.88 -20.05	44.78 -4.00 -17.91	39.86 -4.80 -9.75	42.86 -5.00 -13.96	40.67 -5.23 -12.04	39.49 -4.59 -15.11	38.82 -4.50 -14.04	39.90 -4.69 -13.48	41.89 -4.43 -16.42	41.95 -4.29 -18.32	51.04 -5.41 -20.40	47.90 -5.15 -17.14	41.93 -3.93 -17.82	40.63 -3.77 -17.72	37.94 -3.80 -16.22	39.53 -3.21 -20.89	24.06 0.85 -29.13
OH_GEN_PROXY 24063	88.21 -7.61 -1.67	91.91 -8.42 -0.83	80.36 -7.75 -5.66	45.72 -2.96 -16.32	45.06 -2.85 -15.77	45.12 -2.56 -18.66	63.93 -5.84 -13.69	45.46 -3.51 -19.80	44.94 -3.62 -17.69	40.22 -4.32 -9.63	43.21 -4.60 -13.90	41.01 -4.75 -11.89	39.72 -4.17 -14.92	39.07 -4.06 -13.87	40.20 -4.22 -13.32	42.12 -4.00 -16.22	42.14 -3.88 -18.09	51.31 -4.89 -20.14	48.18 -4.65 -16.92	41.79 -3.57 -17.31	40.78 -3.40 -17.50	38.07 -3.47 -16.02	39.58 -2.90 -20.63	23.62 0.77 -28.77
OLIN_CORP_DRP 24177	87.53 -8.33 -1.70	91.38 -8.98 -0.85	79.79 -8.45 -5.79	45.66 -3.38 -16.68	45.00 -3.26 -16.13	45.26 -2.85 -19.08	63.82 -6.26 -14.00	45.54 -3.86 -20.25	44.96 -4.00 -18.08	39.96 -4.80 -9.84	42.98 -5.01 -14.09	40.78 -5.24 -12.16	39.63 -4.59 -15.25	38.94 -4.51 -14.18	40.03 -4.69 -13.62	42.05 -4.43 -16.58	42.15 -4.27 -18.50	51.27 -5.38 -20.59	48.09 -5.13 -17.30	42.12 -3.92 -17.99	40.81 -3.76 -17.89	38.10 -3.79 -16.38	39.73 -3.21 -21.09	24.35 0.85 -29.41
OLIN_CORP_DSASP 323712	87.51 -8.34 -1.68	91.08 -9.27 -0.84	79.77 -8.42 -5.74	45.74 -3.14 -16.52	45.09 -3.01 -15.97	45.19 -2.72 -18.89	63.54 -6.41 -13.86	45.34 -3.87 -20.05	44.79 -3.99 -17.91	39.91 -4.76 -9.75	42.82 -5.04 -13.96	40.64 -5.27 -12.04	39.45 -4.63 -15.11	38.80 -4.51 -14.04	39.89 -4.70 -13.48	41.86 -4.45 -16.42	41.93 -4.31 -18.32	51.03 -5.42 -20.40	47.89 -5.16 -17.13	41.64 -3.95 -17.55	40.62 -3.78 -17.72	37.91 -3.82 -16.22	39.52 -3.22 -20.89	24.06 0.85 -29.13
ONEIDA_HERK_LFGE 323681	96.13 1.97 0.00	101.21 1.70 0.00	84.53 1.19 -0.88	36.02 0.41 -3.25	35.39 0.42 -2.84	29.10 0.08 0.00	53.26 0.43 3.25	29.40 0.27 0.02	30.06 0.30 1.11	31.71 0.30 3.51	32.83 0.23 1.31	31.45 0.19 2.60	27.43 0.12 1.66	28.68 0.07 0.67	46.87 0.18 -15.58	34.99 0.20 -4.89	33.97 0.31 -5.74	40.80 0.49 -4.25	39.89 0.43 -3.54	32.00 0.26 -3.70	26.64 0.21 0.25	24.89 0.19 0.81	22.38 0.08 -0.45	-1.43 -0.01 -4.49
ONEIDA___115KV_TB4 55905	97.32 3.16 0.00	102.79 3.28 0.00	86.68 2.51 -1.72	39.68 1.01 -6.31	39.18 1.07 -5.98	35.67 0.84 -5.81	60.96 1.80 -3.08	36.38 0.95 -6.27	37.07 1.01 -5.19	37.73 1.11 -1.70	38.97 1.03 -4.03	37.58 0.98 -2.73	33.90 0.83 -4.10	34.04 0.86 -3.91	41.22 1.00 -9.11	37.54 1.00 -6.65	36.65 0.95 -7.78	45.16 1.18 -7.93	43.62 1.10 -6.61	35.76 0.81 -6.91	32.89 0.76 -5.45	30.96 0.68 -4.77	29.10 0.54 -6.71	4.77 -0.11 -10.80
ONONDAGA_REF_OCCRA 23987	94.13 -0.03 0.00	99.30 -0.21 0.00	85.32 -0.43 -3.30	44.40 -0.10 -12.14	43.77 -0.04 -11.68	42.03 -0.10 -13.11	64.96 -0.30 -9.17	43.28 -0.17 -14.29	43.25 -0.18 -12.57	41.01 -0.23 -6.32	43.74 -0.22 -10.05	41.75 -0.24 -8.11	39.26 -0.18 -10.47	38.75 -0.18 -9.66	40.35 -0.17 -9.42	41.36 -0.14 -11.61	41.51 -0.15 -13.75	51.20 -0.15 -15.30	48.60 -0.17 -12.85	41.28 -0.13 -13.37	39.13 -0.13 -12.58	36.75 -0.17 -11.41	36.66 -0.16 -14.97	15.70 0.06 -21.56
ONONDAGA___COGEN 23986	94.73 0.57 0.00	99.88 0.37 0.00	85.50 0.03 -3.01	43.51 0.07 -11.09	42.93 0.14 -10.66	41.17 -0.02 -12.17	64.54 -0.28 -8.73	42.61 -0.17 -13.62	42.65 -0.19 -11.98	40.72 -0.21 -6.01	43.26 -0.22 -9.57	41.36 -0.24 -7.73	38.77 -0.17 -9.98	38.31 -0.17 -9.20	39.93 -0.16 -8.98	40.82 -0.13 -11.07	40.90 -0.14 -13.12	50.52 -0.14 -14.61	48.03 -0.15 -12.27	40.69 -0.11 -12.76	38.55 -0.12 -12.00	36.24 -0.15 -10.88	35.96 -0.16 -14.27	14.71 0.05 -20.58
ONTARIO___LFGE 23819	94.69 -1.08 -1.61	98.81 -1.50 -0.80	86.03 -1.90 -5.47	47.65 -0.48 -15.77	47.07 -0.30 -15.25	46.92 -0.30 -18.20	68.73 -0.83 -13.48	48.09 -0.56 -19.49	47.71 -0.57 -17.41	43.78 -0.61 -9.48	47.95 -0.84 -14.88	44.67 -0.90 -11.70	42.88 -0.78 -14.69	42.30 -0.63 -13.65	43.67 -0.54 -13.11	45.30 -0.56 -15.97	45.21 -0.53 -17.81	55.28 -0.60 -19.83	52.00 -0.57 -16.66	44.91 -0.45 -17.33	43.48 -0.43 -17.23	40.79 -0.49 -15.77	41.74 -0.42 -20.31	22.54 0.14 -28.32
ORANGEVILLE_WT_PWR 323706	91.37 -4.87 -2.08	94.85 -5.69 -1.03	83.66 -5.74 -6.95	50.14 -2.17 -19.95	49.33 -2.09 -19.29	49.92 -1.89 -22.79	68.41 -4.38 -16.70	50.67 -2.65 -24.16	49.67 -2.78 -21.58	43.27 -3.39 -11.74	44.71 -3.71 -14.52	44.42 -3.95 -14.51	43.74 -3.43 -18.20	42.90 -3.30 -16.93	44.04 -3.32 -16.25	46.55 -3.13 -19.79	46.97 -3.03 -22.07	56.97 -3.66 -24.58	53.10 -3.46 -20.65	46.76 -2.64 -21.37	45.52 -2.51 -21.35	42.51 -2.55 -19.55	44.89 -2.13 -25.17	29.76 0.58 -35.10
ORANGEVILLE___ESR 323794	91.37 -4.87 -2.08	94.85 -5.69 -1.03	83.66 -5.74 -6.95	50.14 -2.17 -19.95	49.33 -2.09 -19.29	49.92 -1.89 -22.79	68.41 -4.38 -16.70	50.67 -2.65 -24.16	49.67 -2.78 -21.58	43.27 -3.39 -11.74	44.71 -3.71 -14.52	44.42 -3.95 -14.51	43.74 -3.43 -18.20	42.90 -3.30 -16.93	44.04 -3.32 -16.25	46.55 -3.13 -19.79	46.97 -3.03 -22.07	56.97 -3.66 -24.58	53.10 -3.46 -20.65	46.76 -2.64 -21.37	45.52 -2.51 -21.35	42.51 -2.55 -19.55	44.89 -2.13 -25.17	29.76 0.58 -35.10
OSWEGATCHIE___HYD 24044	91.24 -2.91 0.00	96.10 -3.40 0.00	80.20 -2.98 -0.74	33.74 -1.33 -2.71	31.57 -1.44 -0.88	-0.54 -2.55 27.02	15.07 -4.34 36.67	7.39 -2.14 19.63	5.06 -2.18 23.63	3.41 -2.49 29.02	0.85 -2.58 30.48	5.18 -2.56 26.12	2.84 -2.18 23.95	-0.08 -2.37 26.98	-21.96 -2.43 50.63	-1.67 -2.27 29.29	26.22 -1.83 -0.14	38.01 -2.17 -4.12	37.10 -2.25 -3.44	29.66 -1.97 -3.59	5.99 -2.03 18.66	3.28 -1.91 20.32	2.37 -1.69 17.80	-8.68 0.43 3.19
OSWEGO___5 23606	91.17 -2.99 0.00	96.26 -3.24 0.00	81.29 -2.78 -1.62	37.30 -1.02 -5.96	36.90 -0.99 -5.76	34.93 -0.92 -6.83	59.17 -1.92 -5.00	35.40 -0.99 -7.24	36.27 -1.06 -6.46	37.17 -1.22 -3.48	38.03 -1.17 -5.29	36.97 -1.17 -4.28	33.42 -0.99 -5.44	33.14 -1.01 -4.88	34.84 -1.10 -4.84	34.73 -1.07 -5.90	33.53 -1.00 -6.61	42.07 -1.29 -7.30	40.73 -1.27 -6.09	33.43 -0.97 -6.36	32.16 -0.91 -6.39	30.48 -0.88 -5.85	28.64 -0.75 -7.54	4.80 0.20 -10.51

OSWEGO___6 23613	91.17 -2.99 0.00	96.26 -3.24 0.00	81.29 -2.78 -1.62	37.30 -1.02 -5.96	36.90 -0.99 -5.76	34.93 -0.92 -6.83	59.17 -1.92 -5.00	35.40 -0.99 -7.24	36.27 -1.06 -6.46	37.17 -1.22 -3.48	38.03 -1.17 -5.29	36.97 -1.17 -4.28	33.42 -0.99 -5.44	33.14 -1.01 -4.88	34.84 -1.10 -4.84	34.73 -1.07 -5.90	33.53 -1.00 -6.61	42.07 -1.29 -7.30	40.73 -1.27 -6.09	33.43 -0.97 -6.36	32.16 -0.91 -6.39	30.48 -0.88 -5.85	28.64 -0.75 -7.54	4.80 0.20 -10.51
OUTOKUMPU-AB___DRP 24206	90.00 -5.88 -1.72	93.72 -6.64 -0.85	81.85 -6.43 -5.84	46.71 -2.47 -16.81	46.03 -2.36 -16.25	46.19 -2.06 -19.23	65.28 -4.91 -14.11	46.51 -3.06 -20.40	45.98 -3.11 -18.23	41.04 -3.80 -9.92	44.03 -4.04 -14.16	41.85 -4.27 -12.25	40.59 -3.76 -15.37	39.92 -3.63 -14.29	41.07 -3.76 -13.72	43.06 -3.55 -16.71	43.10 -3.46 -18.64	52.51 -4.30 -20.75	49.28 -4.07 -17.44	43.07 -3.10 -18.13	41.73 -2.98 -18.03	38.95 -3.07 -16.51	40.51 -2.60 -21.25	24.42 0.69 -29.64
OXBOW___BTM 323836	88.93 -6.93 -1.70	92.61 -7.74 -0.85	80.97 -7.27 -5.79	46.29 -2.73 -16.67	45.64 -2.61 -16.11	45.75 -2.33 -19.07	64.54 -5.54 -13.98	46.00 -3.39 -20.23	45.46 -3.48 -18.07	40.57 -4.18 -9.84	43.49 -4.48 -14.06	41.31 -4.70 -12.15	40.06 -4.15 -15.24	39.42 -4.02 -14.17	40.54 -4.16 -13.61	42.52 -3.94 -16.57	42.58 -3.83 -18.48	51.87 -4.77 -20.58	48.68 -4.53 -17.29	42.28 -3.46 -17.71	41.23 -3.32 -17.87	38.48 -3.40 -16.37	40.06 -2.87 -21.07	24.23 0.76 -29.39
OXBOW____ 24026	88.96 -6.91 -1.70	92.62 -7.73 -0.85	80.96 -7.28 -5.79	46.28 -2.75 -16.67	45.61 -2.63 -16.11	45.76 -2.32 -19.07	64.55 -5.52 -13.98	45.99 -3.40 -20.23	45.46 -3.48 -18.07	40.54 -4.21 -9.84	43.53 -4.44 -14.06	41.34 -4.67 -12.15	40.11 -4.10 -15.24	39.44 -4.00 -14.17	40.57 -4.14 -13.61	42.55 -3.91 -16.57	42.60 -3.81 -18.48	51.87 -4.76 -20.58	48.69 -4.51 -17.29	42.57 -3.45 -17.98	41.25 -3.31 -17.87	38.51 -3.37 -16.37	40.07 -2.85 -21.07	24.23 0.76 -29.39
OXY_CHEM_DSASP 323612	87.55 -8.30 -1.68	91.10 -9.24 -0.84	79.78 -8.40 -5.74	45.73 -3.15 -16.52	45.07 -3.03 -15.97	45.21 -2.71 -18.89	63.56 -6.39 -13.86	45.33 -3.88 -20.05	44.78 -4.00 -17.91	39.86 -4.80 -9.75	42.86 -5.00 -13.96	40.67 -5.23 -12.04	39.49 -4.59 -15.11	38.82 -4.50 -14.04	39.90 -4.69 -13.48	41.89 -4.43 -16.42	41.95 -4.29 -18.32	51.04 -5.41 -20.40	47.90 -5.15 -17.14	41.93 -3.93 -17.82	40.63 -3.77 -17.72	37.94 -3.80 -16.22	39.53 -3.21 -20.89	24.06 0.85 -29.13
OZONE_PARK_ESR 323760	113.04 8.97 -9.92	114.59 8.84 -6.24	124.36 7.24 -34.67	135.76 2.79 -100.61	132.18 2.79 -97.26	145.86 2.28 -114.55	144.72 4.91 -83.72	152.90 2.64 -121.11	141.87 2.83 -108.17	99.18 3.47 -60.79	127.56 3.43 -90.23	113.61 3.49 -76.26	123.75 2.97 -91.81	126.45 3.07 -94.12	117.21 3.27 -82.84	133.28 3.06 -100.33	141.37 2.81 -110.64	165.86 3.58 -126.22	147.97 3.61 -108.44	142.04 2.78 -111.22	136.32 2.63 -107.01	126.00 2.52 -97.98	150.14 2.13 -126.16	169.47 -0.54 -175.92
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	87.55 -8.30 -1.68	91.10 -9.24 -0.84	79.78 -8.40 -5.74	45.73 -3.15 -16.52	45.07 -3.03 -15.97	45.21 -2.71 -18.89	63.56 -6.39 -13.86	45.33 -3.88 -20.05	44.78 -4.00 -17.91	39.86 -4.80 -9.75	42.86 -5.00 -13.96	40.67 -5.23 -12.04	39.49 -4.59 -15.11	38.82 -4.50 -14.04	39.90 -4.69 -13.48	41.89 -4.43 -16.42	41.95 -4.29 -18.32	51.04 -5.41 -20.40	47.90 -5.15 -17.14	41.93 -3.93 -17.82	40.63 -3.77 -17.72	37.94 -3.80 -16.22	39.53 -3.21 -20.89	24.06 0.85 -29.13
PACKARD___I15KV_DUPONT_I84 80571	87.55 -8.30 -1.68	91.10 -9.24 -0.84	79.78 -8.40 -5.74	45.73 -3.15 -16.52	45.07 -3.03 -15.97	45.21 -2.71 -18.89	63.56 -6.39 -13.86	45.33 -3.88 -20.05	44.78 -4.00 -17.91	39.86 -4.80 -9.75	42.86 -5.00 -13.96	40.67 -5.23 -12.04	39.49 -4.59 -15.11	38.82 -4.50 -14.04	39.90 -4.69 -13.48	41.89 -4.43 -16.42	41.95 -4.29 -18.32	51.04 -5.41 -20.40	47.90 -5.15 -17.14	41.93 -3.93 -17.82	40.63 -3.77 -17.72	37.94 -3.80 -16.22	39.53 -3.21 -20.89	24.06 0.85 -29.13
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	111.98 7.91 -9.92	113.24 7.50 -6.24	123.57 6.45 -34.67	135.42 2.44 -100.61	131.84 2.45 -97.27	145.54 1.95 -114.56	144.10 4.28 -83.74	152.55 2.28 -121.11	141.49 2.44 -108.18	98.73 3.01 -60.81	127.09 2.96 -90.22	113.16 3.02 -76.27	123.36 2.57 -91.82	126.05 2.65 -94.13	116.79 2.84 -82.85	132.87 2.65 -100.33	140.98 2.41 -110.64	165.36 3.08 -126.23	147.49 3.12 -108.46	141.69 2.42 -111.23	136.02 2.31 -107.02	125.71 2.21 -97.99	149.89 1.86 -126.18	169.55 -0.47 -175.94
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	112.33 8.26 -9.92	113.71 7.96 -6.24	123.94 6.82 -34.67	135.58 2.60 -100.61	132.01 2.61 -97.27	145.70 2.12 -114.56	144.43 4.61 -83.74	152.74 2.46 -121.11	141.64 2.58 -108.18	98.87 3.15 -60.81	127.26 3.13 -90.22	113.33 3.20 -76.27	123.53 2.74 -91.82	126.20 2.80 -94.13	116.92 2.97 -82.85	133.03 2.81 -100.33	141.13 2.56 -110.64	165.57 3.29 -126.23	147.73 3.37 -108.46	141.86 2.58 -111.23	136.15 2.45 -107.02	125.86 2.36 -97.99	150.02 1.99 -126.18	169.52 -0.50 -175.94
PATROON___I15KV_TB1 80586	130.44 4.66 -31.62	129.17 4.89 -24.77	145.86 4.02 -59.39	166.53 1.40 -132.77	161.83 1.35 -128.35	180.93 0.73 -151.18	168.04 1.45 -110.50	187.34 0.76 -157.43	169.02 0.82 -137.34	112.44 0.89 -76.64	151.40 0.86 -116.64	128.74 0.84 -94.04	148.12 0.72 -118.43	134.08 0.74 -104.07	138.65 0.78 -106.77	160.98 0.76 -130.33	174.68 0.73 -146.02	197.97 0.93 -160.98	170.81 0.88 -134.02	168.89 0.67 -140.18	168.53 0.63 -141.22	155.45 0.63 -129.31	188.91 0.55 -166.51	226.05 -0.21 -232.18
PATTRSNVILLE___SOLAR 323815	146.07 4.57 -47.34	142.91 4.67 -38.74	159.09 3.82 -72.82	173.49 1.52 -139.60	168.59 1.50 -134.96	189.17 1.20 -158.95	174.65 2.38 -116.18	198.52 1.26 -168.09	182.32 1.30 -150.16	116.95 1.34 -80.70	157.89 1.19 -122.79	133.94 1.03 -99.04	156.18 0.85 -126.36	142.92 0.93 -112.72	144.39 1.01 -112.28	168.11 1.18 -137.05	182.65 1.19 -153.54	206.91 1.56 -169.29	178.44 1.57 -140.96	176.67 1.20 -147.43	176.29 1.12 -148.49	162.52 1.05 -135.96	197.80 0.87 -175.08	237.99 -0.22 -244.12
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	92.63 -3.42 -1.89	96.43 -4.02 -0.94	84.46 -4.39 -6.39	49.01 -1.73 -18.37	48.27 -1.63 -17.76	48.62 -1.40 -21.00	67.92 -3.56 -15.39	49.15 -2.27 -22.27	48.46 -2.29 -19.89	42.93 -2.81 -10.82	46.37 -3.04 -15.50	44.08 -3.16 -13.37	42.99 -2.76 -16.78	42.22 -2.65 -15.60	43.39 -2.69 -14.97	45.63 -2.50 -18.24	45.76 -2.50 -20.34	55.56 -3.14 -22.65	51.88 -3.06 -19.03	45.51 -2.32 -19.79	44.13 -2.22 -19.67	41.18 -2.34 -18.01	43.10 -1.95 -23.20	26.95 0.52 -32.34
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	113.33 9.03 -10.13	114.93 9.01 -6.41	124.90 7.37 -35.08	136.75 2.86 -101.53	133.16 2.88 -98.15	147.02 2.39 -115.60	145.66 5.08 -84.49	154.08 2.71 -122.22	142.89 2.86 -109.16	99.60 3.37 -61.31	128.19 3.26 -91.02	113.98 3.23 -76.89	124.35 2.74 -92.64	126.86 2.80 -94.80	117.69 3.01 -83.58	133.99 2.88 -101.22	142.28 2.70 -111.66	166.92 3.55 -127.32	148.82 3.57 -109.33	142.95 2.74 -112.17	137.25 2.58 -107.99	126.82 2.44 -98.87	151.24 2.07 -127.32	171.10 -0.52 -177.54
PEEKSKILL____ 23653	111.28 7.31 -9.82	112.86 7.18 -6.17	122.65 5.88 -34.32	134.22 2.27 -99.59	130.68 2.28 -96.27	144.26 1.84 -113.39	142.91 3.95 -82.87	151.12 2.09 -119.88	140.17 2.23 -107.07	97.77 2.70 -60.16	125.89 2.69 -89.30	112.02 2.71 -75.45	122.13 2.28 -90.87	124.71 2.36 -93.08	115.61 2.52 -81.99	131.56 2.37 -99.30	139.63 2.19 -109.52	163.80 2.83 -124.91	146.06 2.85 -107.30	140.28 2.18 -110.06	134.66 2.06 -105.92	124.46 1.97 -96.98	148.41 1.67 -124.88	167.80 -0.42 -174.14

PGE MADISON___WINDPWR 24146	107.29 8.34 -4.79	111.06 8.27 -3.29	101.62 6.60 -12.57	68.12 2.53 -33.23	66.55 2.30 -32.12	68.81 1.91 -37.88	87.72 3.93 -27.71	71.20 1.97 -40.07	68.65 1.99 -35.80	56.45 2.04 -19.49	65.06 1.72 -29.44	59.40 1.46 -24.07	60.31 1.15 -30.20	58.56 1.19 -28.09	59.53 1.47 -26.96	64.25 1.53 -32.83	66.01 1.48 -36.61	79.05 2.23 -40.77	72.32 2.15 -34.27	65.35 1.63 -35.68	63.57 1.47 -35.41	59.13 1.20 -32.42	64.54 0.94 -41.75	52.05 -0.25 -58.21
PIERCEFIELD___HYD 23852	90.28 -3.87 0.00	95.59 -3.92 0.00	79.33 -3.13 0.00	30.97 -1.39 0.00	28.02 -1.59 2.51	-15.49 -3.38 41.13	-5.24 -5.84 55.48	-6.05 -2.97 32.24	-9.90 -2.94 37.83	-12.85 -3.24 44.53	-15.04 -3.35 45.59	-9.94 -3.23 40.57	-11.59 -2.69 37.87	-13.62 -2.91 39.98	-22.65 -3.00 50.75	-10.34 -2.86 37.37	25.84 -2.40 -0.32	36.01 -2.98 -2.93	35.29 -3.06 -2.44	27.92 -2.67 -2.55	-6.58 -2.82 30.45	-9.79 -2.62 32.67	-10.00 -2.18 29.67	-14.68 0.54 9.31
PINELAWN_CC_1 323563	114.54 10.46 -9.92	115.92 10.17 -6.24	125.22 8.09 -34.68	136.04 3.05 -100.63	132.58 3.17 -97.28	146.34 2.74 -114.58	145.62 5.79 -83.74	153.27 2.97 -121.13	142.28 3.22 -108.19	99.47 3.74 -60.81	127.82 3.67 -90.25	113.72 3.58 -76.28	123.68 2.88 -91.83	126.17 2.76 -94.14	117.01 3.05 -82.86	133.24 3.00 -100.35	141.33 2.74 -110.67	165.70 3.40 -126.25	148.06 3.68 -108.47	144.29 2.83 -113.42	153.24 2.64 -123.91	132.51 2.58 -104.42	150.22 2.17 -126.19	169.45 -0.60 -175.96
PJM_GEN_HTP_PROXY 323702	111.89 7.82 -9.91	113.40 7.65 -6.23	123.40 6.29 -34.66	135.37 2.41 -100.60	131.80 2.43 -97.25	145.52 1.96 -114.54	144.02 4.22 -83.72	152.51 2.26 -121.09	141.45 2.42 -108.16	98.69 2.99 -60.79	127.11 2.99 -90.22	113.14 3.03 -76.25	123.35 2.58 -91.80	126.03 2.65 -94.11	116.78 2.84 -82.84	132.87 2.66 -100.31	140.98 2.43 -110.63	168.92 3.09 -129.77	147.47 3.12 -108.43	140.59 2.39 -110.17	135.93 2.26 -107.00	125.64 2.17 -97.97	149.84 1.83 -126.15	169.52 -0.46 -175.90
PJM_GEN_KEystone 24065	6.77 0.88 88.28	26.38 0.49 73.62	63.12 0.00 19.33	49.48 0.00 -17.12	46.62 0.07 -14.42	71.29 -0.08 -42.34	37.60 -0.20 18.29	47.20 -0.27 -18.31	57.38 -0.26 -26.77	32.81 -0.20 1.91	54.56 -0.22 -20.87	-6.93 -0.21 40.59	39.10 -0.17 -10.31	32.30 -0.10 -3.12	34.49 -0.01 -3.40	44.61 -0.03 -14.75	64.58 -0.16 -36.82	113.62 -0.16 -77.73	70.49 -0.19 -34.77	34.66 -0.16 -6.78	15.19 -0.13 11.36	43.42 -0.20 -18.11	46.60 -0.12 -24.87	35.71 0.04 -41.58
PJM_GEN_NEPTUNE_PROXY 323594	113.06 8.99 -9.92	114.43 8.69 -6.24	124.04 6.91 -34.68	135.62 2.63 -100.63	132.13 2.72 -97.28	145.89 2.29 -114.58	144.68 4.85 -83.74	152.79 2.50 -121.13	141.76 2.70 -108.19	98.93 3.20 -60.81	127.34 3.19 -90.25	113.29 3.15 -76.28	123.35 2.55 -91.83	126.02 2.61 -94.14	116.86 2.90 -82.86	133.07 2.83 -100.35	141.20 2.62 -110.67	169.10 3.23 -129.81	147.84 3.46 -108.47	138.85 2.71 -108.09	152.93 2.54 -123.71	132.35 2.42 -104.42	150.07 2.02 -126.19	169.54 -0.51 -175.96
PJM_GEN_VFT_PROXY 323633	111.30 7.22 -9.92	112.74 7.00 -6.24	122.87 5.75 -34.67	135.17 2.21 -100.61	131.60 2.21 -97.26	145.33 1.75 -114.55	139.13 3.78 -79.27	129.14 2.03 -97.95	140.63 2.17 -107.59	98.49 2.78 -60.79	126.92 2.79 -90.23	112.97 2.85 -76.26	123.21 2.43 -91.81	125.89 2.50 -94.12	116.62 2.68 -82.84	130.28 2.46 -97.92	139.28 2.23 -109.13	168.56 2.83 -129.68	144.72 2.84 -105.96	136.78 2.17 -106.58	135.75 2.06 -107.01	125.48 2.00 -97.98	149.70 1.69 -126.16	169.58 -0.43 -175.92
PLATSBURG_115KV_PMLD1 355749	92.54 -1.62 0.00	97.92 -1.59 0.00	81.17 -1.28 0.00	31.58 -0.78 0.00	27.78 -1.10 3.25	-27.46 -2.70 53.78	-20.47 -5.32 71.23	-17.51 -2.79 43.88	-22.20 -2.59 50.47	-24.77 -2.35 57.34	-27.16 -2.46 58.61	-21.70 -2.77 52.80	-23.16 -2.12 50.01	-24.20 -2.20 51.27	-23.51 -2.43 52.18	-17.94 -2.67 45.17	11.66 -2.48 13.78	16.27 -3.06 16.72	28.61 -3.09 4.22	25.41 -2.63 0.00	-17.15 -2.62 41.22	-20.69 -2.48 43.72	-20.98 -2.01 40.81	-22.39 0.41 16.88
PLEASANTVLY___LBMP 24000	111.54 7.03 -10.36	112.98 6.96 -6.51	124.39 5.68 -36.26	139.84 2.21 -105.27	136.09 2.20 -101.76	150.62 1.74 -119.86	147.38 3.69 -87.61	157.84 1.97 -126.72	146.14 2.09 -113.18	101.10 2.49 -63.69	130.81 2.44 -94.46	116.27 2.47 -79.94	127.14 2.09 -96.09	130.29 2.14 -98.88	120.13 2.28 -86.74	137.06 2.15 -105.02	145.66 1.98 -115.77	170.82 2.57 -132.20	152.16 2.57 -113.67	146.54 1.97 -116.53	140.51 1.86 -111.96	129.82 1.79 -102.52	155.40 1.54 -132.01	177.77 -0.39 -184.07
PLSNTVLE_13_KV_13.8KVDIST 80602	111.85 7.71 -9.98	113.39 7.61 -6.28	123.54 6.19 -34.90	136.03 2.39 -101.28	132.44 2.40 -97.91	146.28 1.94 -115.32	144.52 4.15 -84.29	153.29 2.21 -121.92	142.12 2.36 -108.89	98.97 2.84 -61.21	127.55 2.81 -90.84	113.48 2.83 -76.79	123.80 2.40 -92.43	126.54 2.47 -94.80	117.16 2.65 -83.41	133.38 2.49 -101.00	141.60 2.30 -111.38	166.09 2.96 -127.08	148.08 2.98 -109.20	142.31 2.29 -111.99	136.56 2.15 -107.72	126.20 2.06 -98.63	150.61 1.75 -127.01	170.74 -0.44 -177.10
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	111.85 7.71 -9.98	113.39 7.61 -6.28	123.54 6.19 -34.90	136.03 2.39 -101.28	132.44 2.40 -97.91	146.28 1.94 -115.32	144.52 4.15 -84.29	153.29 2.21 -121.92	142.12 2.36 -108.89	98.97 2.84 -61.21	127.55 2.81 -90.84	113.48 2.83 -76.79	123.80 2.40 -92.43	126.54 2.47 -94.80	117.16 2.65 -83.41	133.38 2.49 -101.00	141.60 2.30 -111.38	166.09 2.96 -127.08	148.08 2.98 -109.20	142.31 2.29 -111.99	136.56 2.15 -107.72	126.20 2.06 -98.63	150.61 1.75 -127.01	170.74 -0.44 -177.10
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	113.07 8.33 -10.58	114.57 8.30 -6.77	124.99 6.76 -35.78	137.90 2.63 -102.91	134.24 2.63 -99.49	148.35 2.15 -117.18	146.31 4.58 -85.64	155.50 2.46 -123.88	144.11 2.60 -110.65	99.96 3.00 -62.04	128.97 2.87 -92.19	114.46 2.86 -77.73	125.25 2.41 -93.87	127.30 2.47 -95.56	118.41 2.67 -84.64	134.99 2.56 -102.54	143.51 2.41 -113.18	168.12 3.18 -128.88	149.66 3.20 -110.55	143.99 2.46 -113.50	138.45 2.31 -109.46	127.92 2.18 -100.22	152.77 1.86 -129.06	173.58 -0.46 -179.96
POLETTI___ 23519	111.70 7.62 -9.92	113.15 7.41 -6.24	123.22 6.10 -34.67	135.31 2.34 -100.61	131.73 2.34 -97.26	145.41 1.83 -114.55	143.81 3.99 -83.72	152.42 2.15 -121.11	141.35 2.31 -108.17	98.60 2.89 -60.79	127.01 2.88 -90.23	113.06 2.94 -76.26	123.32 2.54 -91.81	126.04 2.65 -94.12	116.79 2.84 -82.84	132.86 2.64 -100.33	140.96 2.40 -110.64	165.25 2.98 -126.22	147.40 3.05 -108.44	141.59 2.33 -111.22	135.90 2.21 -107.01	125.62 2.13 -97.98	149.82 1.81 -126.16	169.54 -0.46 -175.92
POMONA___ESR 323819	110.75 7.02 -9.57	112.40 6.87 -6.02	121.53 5.66 -33.42	131.50 2.18 -96.96	128.05 2.19 -93.73	141.21 1.78 -110.40	140.61 3.83 -80.69	147.88 2.01 -116.72	137.24 2.13 -104.24	96.05 2.61 -58.53	123.42 2.61 -86.91	109.87 2.62 -73.38	119.66 2.22 -88.46	121.97 2.30 -90.41	113.34 2.44 -79.80	128.84 2.30 -96.65	136.66 2.11 -106.63	160.35 2.75 -121.55	143.03 2.76 -104.35	137.23 2.11 -107.08	131.82 2.01 -103.13	121.84 1.91 -94.42	145.06 1.62 -121.59	163.23 -0.41 -169.55
PORT_JEFF_3 23555	115.33 11.25 -9.92	116.63 10.88 -6.24	125.68 8.55 -34.68	136.16 3.17 -100.63	132.78 3.37 -97.28	146.55 2.95 -114.58	145.96 6.13 -83.74	153.36 3.07 -121.13	142.35 3.29 -108.19	99.55 3.82 -60.81	127.87 3.72 -90.25	113.84 3.69 -76.28	123.80 3.00 -91.83	126.47 3.05 -94.14	117.42 3.46 -82.86	133.74 3.50 -100.35	141.81 3.23 -110.67	166.33 4.03 -126.25	148.72 4.34 -108.47	145.13 3.28 -113.81	153.70 3.07 -123.95	132.94 3.00 -104.42	150.55 2.50 -126.19	169.41 -0.64 -175.96

PORT_JEFF_4 23616	115.33 11.25 -9.92	116.63 10.88 -6.24	125.68 8.55 -34.68	136.16 3.17 -100.63	132.78 3.37 -97.28	146.55 2.95 -114.58	145.96 6.13 -83.74	153.36 3.07 -121.13	142.35 3.29 -108.19	99.55 3.82 -60.81	127.87 3.72 -90.25	113.84 3.69 -76.28	123.80 3.00 -91.83	126.47 3.05 -94.14	117.42 3.46 -82.86	133.74 3.50 -100.35	141.81 3.23 -110.67	166.33 4.03 -126.25	148.72 4.34 -108.47	145.13 3.28 -113.81	153.70 3.07 -123.95	132.94 3.00 -104.42	150.55 2.50 -126.19	169.41 -0.64 -175.96
PORT_JEFF_IC 23713	115.41 11.33 -9.92	116.71 10.96 -6.24	125.72 8.59 -34.68	136.19 3.20 -100.63	132.79 3.38 -97.28	146.56 2.96 -114.58	145.99 6.17 -83.74	153.38 3.09 -121.13	142.32 3.25 -108.19	99.53 3.81 -60.81	127.84 3.69 -90.25	113.85 3.71 -76.28	123.82 3.02 -91.83	126.49 3.08 -94.14	117.46 3.49 -82.86	133.76 3.52 -100.35	141.76 3.17 -110.67	166.26 3.96 -126.25	148.68 4.30 -108.47	145.04 3.24 -113.77	153.66 3.03 -123.95	132.98 3.05 -104.42	150.58 2.54 -126.19	169.40 -0.65 -175.96
PPL PILGRIM_ST_GT1 24216	115.48 11.40 -9.92	116.84 11.10 -6.24	125.93 8.81 -34.68	136.30 3.31 -100.63	132.86 3.45 -97.28	146.62 3.02 -114.58	146.15 6.32 -83.74	153.51 3.22 -121.13	142.53 3.47 -108.19	99.76 4.04 -60.81	128.09 3.94 -90.25	114.00 3.86 -76.28	123.93 3.13 -91.83	126.59 3.18 -94.14	117.54 3.57 -82.86	133.82 3.58 -100.35	141.97 3.39 -110.67	166.43 4.13 -126.25	148.87 4.49 -108.47	145.16 3.41 -113.71	153.84 3.21 -123.94	132.97 3.04 -104.42	150.58 2.53 -126.19	169.40 -0.65 -175.96
PPL PILGRIM_ST_GT2 24217	115.48 11.40 -9.92	116.84 11.10 -6.24	125.93 8.81 -34.68	136.30 3.31 -100.63	132.86 3.45 -97.28	146.62 3.02 -114.58	146.15 6.32 -83.74	153.51 3.22 -121.13	142.53 3.47 -108.19	99.76 4.04 -60.81	128.09 3.94 -90.25	114.00 3.86 -76.28	123.93 3.13 -91.83	126.59 3.18 -94.14	117.54 3.57 -82.86	133.82 3.58 -100.35	141.97 3.39 -110.67	166.43 4.13 -126.25	148.87 4.49 -108.47	145.16 3.41 -113.71	153.84 3.21 -123.94	132.97 3.04 -104.42	150.58 2.53 -126.19	169.40 -0.65 -175.96
PPL_SHRM_GT3 24213	115.88 11.80 -9.92	117.11 11.36 -6.24	125.48 8.35 -34.68	135.91 2.92 -100.63	132.85 3.44 -97.28	146.63 3.03 -114.58	145.89 6.06 -83.74	153.18 2.88 -121.13	142.32 3.26 -108.19	99.43 3.71 -60.81	127.90 3.75 -90.25	113.73 3.59 -76.28	123.69 2.89 -91.83	126.36 2.95 -94.14	117.35 3.38 -82.86	133.76 3.52 -100.35	142.00 3.42 -110.67	166.51 4.21 -126.25	149.02 4.64 -108.47	145.25 3.40 -113.81	153.81 3.17 -123.95	132.94 3.00 -104.42	150.58 2.54 -126.19	169.39 -0.65 -175.96
PPL_SHRM_GT4 24214	115.88 11.80 -9.92	117.11 11.36 -6.24	125.48 8.35 -34.68	135.91 2.92 -100.63	132.85 3.44 -97.28	146.63 3.03 -114.58	145.89 6.06 -83.74	153.18 2.88 -121.13	142.32 3.26 -108.19	99.43 3.71 -60.81	127.90 3.75 -90.25	113.73 3.59 -76.28	123.69 2.89 -91.83	126.36 2.95 -94.14	117.35 3.38 -82.86	133.76 3.52 -100.35	142.00 3.42 -110.67	166.51 4.21 -126.25	149.02 4.64 -108.47	145.25 3.40 -113.81	153.81 3.17 -123.95	132.94 3.00 -104.42	150.58 2.54 -126.19	169.39 -0.65 -175.96
PROJECT___ORANGE 1 24174	93.23 -0.93 0.00	98.35 -1.15 0.00	83.99 -1.17 -2.72	41.96 -0.38 -9.99	41.39 -0.33 -9.59	39.19 -0.33 -10.51	62.48 -0.77 -7.17	40.24 -0.41 -11.49	40.48 -0.44 -10.05	39.30 -0.51 -4.89	41.37 -0.49 -7.95	39.75 -0.51 -6.39	36.89 -0.42 -8.33	36.51 -0.42 -7.66	38.19 -0.44 -7.52	38.80 -0.41 -9.31	38.80 -0.40 -11.27	48.11 -0.50 -12.55	45.95 -0.50 -10.54	38.62 -0.38 -10.96	36.43 -0.36 -10.11	34.26 -0.38 -9.14	33.57 -0.34 -12.07	11.78 0.10 -17.60
PROJECT___ORANGE 2 24166	93.23 -0.93 0.00	98.35 -1.15 0.00	83.99 -1.17 -2.72	41.96 -0.38 -9.99	41.39 -0.33 -9.59	39.19 -0.33 -10.51	62.48 -0.77 -7.17	40.24 -0.41 -11.49	40.48 -0.44 -10.05	39.30 -0.51 -4.89	41.37 -0.49 -7.95	39.75 -0.51 -6.39	36.89 -0.42 -8.33	36.51 -0.42 -7.66	38.19 -0.44 -7.52	38.80 -0.41 -9.31	38.80 -0.40 -11.27	48.11 -0.50 -12.55	45.95 -0.50 -10.54	38.62 -0.38 -10.96	36.43 -0.36 -10.11	34.26 -0.38 -9.14	33.57 -0.34 -12.07	11.78 0.10 -17.60
PUCKETT___SOLAR 323809	100.25 1.61 -4.48	104.03 1.54 -2.98	96.33 0.90 -12.97	68.32 0.37 -35.58	66.95 0.42 -34.40	69.80 0.26 -40.51	86.34 0.66 -29.60	72.23 0.27 -42.81	69.36 0.26 -38.24	55.96 0.23 -20.82	65.48 0.13 -31.45	59.63 0.05 -25.71	61.30 0.08 -32.26	59.41 0.13 -30.01	60.18 0.29 -28.80	65.28 0.32 -35.07	67.29 0.26 -39.11	80.05 0.44 -43.55	72.91 0.39 -36.60	66.44 0.28 -38.12	64.75 0.25 -37.82	60.30 0.16 -34.63	66.57 0.12 -44.60	56.26 -0.01 -62.18
PYRITES___HYD 24023	92.29 -1.87 0.00	97.86 -1.65 0.00	81.22 -1.23 0.00	31.72 -0.64 0.00	28.71 -0.83 2.59	-16.06 -2.78 42.30	-5.54 -4.59 57.03	-6.43 -2.30 33.28	-10.38 -2.24 39.01	-13.37 -2.48 45.81	-15.61 -2.68 46.84	-10.47 -2.57 41.76	-12.21 -2.16 39.02	-14.15 -2.36 41.05	-22.02 -2.36 50.76	-10.35 -2.21 38.04	26.53 -1.73 -0.34	36.83 -2.05 -2.83	36.15 -2.12 -2.36	28.55 -1.96 -2.47	-6.91 -2.17 31.42	-10.23 -2.05 33.69	-10.48 -1.69 30.64	-15.32 0.40 9.81
QUAKERRD_115KV_BK1 80622	89.41 -4.75 0.00	94.21 -5.30 0.00	81.13 -4.79 -3.47	43.33 -1.79 -12.76	42.76 -1.70 -12.33	42.18 -1.51 -14.67	63.60 -3.31 -10.82	42.92 -1.88 -15.65	42.91 -1.94 -13.98	40.22 -2.30 -7.61	43.01 -2.38 -11.49	40.80 -2.46 -9.39	38.61 -2.15 -11.79	38.12 -2.11 -10.95	39.41 -2.22 -10.52	40.62 -2.09 -12.82	40.22 -2.00 -14.30	49.47 -2.50 -15.91	46.88 -2.40 -13.37	40.10 -1.85 -13.91	38.73 -1.78 -13.83	36.34 -1.83 -12.66	36.57 -1.58 -16.30	17.24 0.43 -22.73
QUENSBRY_115KV_TB8 356137	148.42 9.02 -45.24	145.75 9.40 -36.84	160.49 7.77 -70.27	171.33 3.04 -135.93	166.44 2.91 -131.40	186.04 2.24 -154.77	173.39 4.17 -113.13	196.56 2.06 -165.34	182.96 2.14 -149.95	115.78 2.19 -78.68	155.54 1.94 -119.70	132.37 1.92 -96.58	154.84 1.62 -124.24	142.85 1.60 -111.98	142.22 1.77 -109.34	165.12 1.77 -133.46	179.15 1.74 -149.50	203.33 2.40 -164.88	175.60 2.36 -137.33	173.44 1.80 -143.60	172.95 1.69 -144.58	159.44 1.55 -132.38	193.59 1.27 -170.47	231.51 -0.28 -237.70
RAMAPO___LBMP 323565	110.39 6.69 -9.54	112.05 6.54 -6.00	121.13 5.37 -33.31	131.07 2.08 -96.63	127.64 2.09 -93.41	140.73 1.69 -110.03	140.12 3.62 -80.42	147.38 1.90 -116.32	136.77 2.01 -103.90	95.70 2.46 -58.32	122.98 2.47 -86.61	109.46 2.48 -73.12	119.24 2.11 -88.16	121.52 2.18 -90.07	112.94 2.32 -79.52	128.39 2.17 -96.32	136.18 1.99 -106.27	159.79 2.61 -121.12	142.51 2.61 -103.98	136.74 2.00 -106.70	131.36 1.90 -102.78	121.42 1.80 -94.11	144.56 1.53 -121.18	162.66 -0.39 -168.97
RANKINE____ 23646	91.26 -4.74 -1.84	94.98 -5.44 -0.91	83.12 -5.55 -6.22	48.10 -2.14 -17.88	47.37 -2.05 -17.29	47.69 -1.78 -20.45	66.81 -4.27 -14.99	48.17 -2.67 -21.69	47.50 -2.74 -19.37	42.11 -3.35 -10.54	45.23 -3.60 -14.93	43.11 -3.78 -13.02	41.99 -3.32 -16.34	41.25 -3.21 -15.19	42.39 -3.29 -14.58	44.56 -3.09 -17.76	44.69 -3.04 -19.81	54.33 -3.78 -22.05	50.85 -3.59 -18.53	44.58 -2.73 -19.27	43.22 -2.63 -19.16	40.33 -2.72 -17.54	42.15 -2.29 -22.59	26.19 0.61 -31.50
RAVENSWOOD_GT2_1 24244	112.07 7.99 -9.92	113.53 7.79 -6.24	123.53 6.41 -34.67	135.44 2.46 -100.61	131.86 2.46 -97.26	145.57 1.99 -114.56	144.09 4.27 -83.73	152.56 2.29 -121.11	141.50 2.46 -108.18	98.75 3.03 -60.80	127.16 3.03 -90.23	113.22 3.09 -76.26	123.42 2.63 -91.82	126.11 2.72 -94.13	116.86 2.91 -82.85	132.94 2.71 -100.33	141.04 2.48 -110.65	165.43 3.15 -126.23	147.53 3.16 -108.45	141.68 2.41 -111.23	135.98 2.29 -107.02	125.69 2.20 -97.98	149.90 1.87 -126.18	169.55 -0.47 -175.94

RAVENSWOOD_GT2_2 24245	112.07 7.99 -9.92	113.53 7.79 -6.24	123.53 6.41 -34.67	135.44 2.46 -100.61	131.86 2.46 -97.26	145.57 1.99 -114.56	144.09 4.27 -83.73	152.56 2.29 -121.11	141.50 2.46 -108.18	98.75 3.03 -60.80	127.16 3.03 -90.23	113.22 3.09 -76.26	123.42 2.63 -91.82	126.11 2.72 -94.13	116.86 2.91 -82.85	132.94 2.71 -100.33	141.04 2.48 -110.65	165.43 3.15 -126.23	147.53 3.16 -108.45	141.68 2.41 -111.23	135.98 2.29 -107.02	125.69 2.20 -97.98	149.90 1.87 -126.18	169.55 -0.47 -175.94
RAVENSWOOD_GT2_3 24246	112.08 8.00 -9.92	113.57 7.82 -6.24	123.56 6.44 -34.67	135.45 2.47 -100.61	131.87 2.48 -97.26	145.57 1.99 -114.56	144.14 4.32 -83.73	152.58 2.30 -121.11	141.52 2.47 -108.18	98.77 3.05 -60.80	127.19 3.06 -90.23	113.25 3.12 -76.26	123.44 2.65 -91.82	126.13 2.73 -94.13	116.88 2.92 -82.85	132.95 2.73 -100.33	141.07 2.49 -110.65	165.45 3.16 -126.23	147.55 3.18 -108.45	141.70 2.43 -111.23	135.99 2.30 -107.02	125.71 2.21 -97.98	149.90 1.88 -126.18	169.54 -0.48 -175.94
RAVENSWOOD_GT2_4 24247	112.08 8.00 -9.92	113.57 7.82 -6.24	123.56 6.44 -34.67	135.45 2.47 -100.61	131.87 2.48 -97.26	145.57 1.99 -114.56	144.14 4.32 -83.73	152.58 2.30 -121.11	141.52 2.47 -108.18	98.77 3.05 -60.80	127.19 3.06 -90.23	113.25 3.12 -76.26	123.44 2.65 -91.82	126.13 2.73 -94.13	116.88 2.92 -82.85	132.95 2.73 -100.33	141.07 2.49 -110.65	165.45 3.16 -126.23	147.55 3.18 -108.45	141.70 2.43 -111.23	135.99 2.30 -107.02	125.71 2.21 -97.98	149.90 1.88 -126.18	169.54 -0.48 -175.94
RAVENSWOOD_GT3_1 24248	112.07 7.99 -9.92	113.53 7.79 -6.24	123.53 6.41 -34.67	135.44 2.46 -100.61	131.86 2.46 -97.26	145.57 1.99 -114.56	144.09 4.27 -83.73	152.56 2.29 -121.11	141.50 2.46 -108.18	98.75 3.03 -60.80	127.16 3.03 -90.23	113.22 3.09 -76.26	123.42 2.63 -91.82	126.11 2.72 -94.13	116.86 2.91 -82.85	132.94 2.71 -100.33	141.04 2.48 -110.65	165.43 3.15 -126.23	147.53 3.16 -108.45	141.68 2.41 -111.23	135.98 2.29 -107.02	125.69 2.20 -97.98	149.90 1.87 -126.18	169.55 -0.47 -175.94
RAVENSWOOD_GT3_2 24249	112.07 7.99 -9.92	113.53 7.79 -6.24	123.53 6.41 -34.67	135.44 2.46 -100.61	131.86 2.46 -97.26	145.57 1.99 -114.56	144.09 4.27 -83.73	152.56 2.29 -121.11	141.50 2.46 -108.18	98.75 3.03 -60.80	127.16 3.03 -90.23	113.22 3.09 -76.26	123.42 2.63 -91.82	126.11 2.72 -94.13	116.86 2.91 -82.85	132.94 2.71 -100.33	141.04 2.48 -110.65	165.43 3.15 -126.23	147.53 3.16 -108.45	141.68 2.41 -111.23	135.98 2.29 -107.02	125.69 2.20 -97.98	149.90 1.87 -126.18	169.55 -0.47 -175.94
RAVENSWOOD_GT3_3 24250	112.18 8.10 -9.92	113.67 7.92 -6.24	123.66 6.54 -34.67	135.48 2.50 -100.61	131.91 2.52 -97.26	145.61 2.03 -114.56	144.20 4.38 -83.73	152.61 2.34 -121.11	141.56 2.51 -108.18	98.81 3.10 -60.80	127.23 3.09 -90.23	113.29 3.16 -76.26	123.47 2.68 -91.82	126.17 2.77 -94.13	116.92 2.97 -82.85	133.00 2.77 -100.33	141.10 2.53 -110.65	165.50 3.22 -126.23	147.59 3.23 -108.45	141.73 2.46 -111.23	136.03 2.33 -107.02	125.73 2.24 -97.98	149.94 1.91 -126.18	169.54 -0.48 -175.94
RAVENSWOOD_GT3_4 24251	112.18 8.10 -9.92	113.67 7.92 -6.24	123.66 6.54 -34.67	135.48 2.50 -100.61	131.91 2.52 -97.26	145.61 2.03 -114.56	144.20 4.38 -83.73	152.61 2.34 -121.11	141.56 2.51 -108.18	98.81 3.10 -60.80	127.23 3.09 -90.23	113.29 3.16 -76.26	123.47 2.68 -91.82	126.17 2.77 -94.13	116.92 2.97 -82.85	133.00 2.77 -100.33	141.10 2.53 -110.65	165.50 3.22 -126.23	147.59 3.23 -108.45	141.73 2.46 -111.23	136.03 2.33 -107.02	125.73 2.24 -97.98	149.94 1.91 -126.18	169.54 -0.48 -175.94
RAVENSWOOD_GT_1 23729	112.50 8.43 -9.92	113.92 8.17 -6.24	123.91 6.79 -34.67	135.58 2.60 -100.61	132.01 2.61 -97.27	145.70 2.12 -114.56	144.37 4.55 -83.74	153.24 2.44 -121.64	146.60 2.63 -113.11	106.30 3.23 -68.15	176.09 3.23 -138.96	183.76 3.29 -146.61	175.34 2.79 -143.58	165.85 2.88 -133.70	167.18 3.08 -133.00	171.50 2.88 -138.73	169.42 2.63 -138.87	173.96 3.34 -134.56	152.02 3.38 -112.73	146.58 2.57 -115.98	142.02 2.44 -112.90	134.00 2.35 -106.14	152.09 1.99 -128.25	169.52 -0.50 -175.94
RAVENSWOOD_GT_10 24258	112.02 7.95 -9.92	113.52 7.78 -6.24	123.51 6.39 -34.67	135.43 2.45 -100.61	131.86 2.46 -97.26	145.57 1.98 -114.56	144.09 4.27 -83.73	152.56 2.28 -121.11	141.50 2.45 -108.18	98.59 3.03 -60.65	123.56 3.02 -86.63	108.05 3.09 -71.10	119.58 2.62 -87.99	123.28 2.72 -91.30	113.20 2.90 -79.19	130.22 2.71 -97.61	139.26 2.47 -108.87	165.04 3.15 -125.84	147.52 3.16 -108.45	141.70 2.41 -111.25	136.09 2.28 -107.12	125.85 2.20 -98.14	149.90 1.87 -126.19	169.55 -0.47 -175.94
RAVENSWOOD_GT_11 24259	112.02 7.95 -9.92	113.52 7.78 -6.24	123.51 6.39 -34.67	135.43 2.45 -100.61	131.86 2.46 -97.26	145.57 1.98 -114.56	144.09 4.27 -83.73	152.56 2.28 -121.11	141.50 2.45 -108.18	98.59 3.03 -60.65	123.56 3.02 -86.63	108.05 3.09 -71.10	119.58 2.62 -87.99	123.28 2.72 -91.30	113.20 2.90 -79.19	130.22 2.71 -97.61	139.26 2.47 -108.87	165.04 3.15 -125.84	147.52 3.16 -108.45	141.70 2.41 -111.25	136.09 2.28 -107.12	125.85 2.20 -98.14	149.90 1.87 -126.19	169.55 -0.47 -175.94
RAVENSWOOD_GT_4 24252	111.98 7.90 -9.92	113.46 7.72 -6.24	123.46 6.34 -34.67	135.42 2.44 -100.61	131.84 2.44 -97.26	145.54 1.96 -114.56	144.05 4.24 -83.73	152.54 2.27 -121.11	141.47 2.43 -108.17	97.73 3.01 -59.81	103.41 3.02 -66.49	79.12 3.08 -42.18	98.13 2.61 -66.55	107.43 2.70 -75.46	92.68 2.89 -58.70	114.99 2.70 -82.39	129.27 2.47 -98.88	162.85 3.13 -123.66	147.50 3.14 -108.44	141.79 2.40 -111.35	136.69 2.27 -107.74	126.74 2.18 -99.05	149.96 1.86 -126.25	169.55 -0.47 -175.94
RAVENSWOOD_GT_5 24254	111.98 7.90 -9.92	113.46 7.72 -6.24	123.46 6.34 -34.67	135.42 2.44 -100.61	131.84 2.44 -97.26	145.54 1.96 -114.56	144.05 4.24 -83.73	152.54 2.27 -121.11	141.47 2.43 -108.17	97.73 3.01 -59.81	103.41 3.02 -66.49	79.12 3.08 -42.18	98.13 2.61 -66.55	107.43 2.70 -75.46	92.68 2.89 -58.70	114.99 2.70 -82.39	129.27 2.47 -98.88	162.85 3.13 -123.66	147.50 3.14 -108.44	141.79 2.40 -111.35	136.69 2.27 -107.74	126.74 2.18 -99.05	149.96 1.86 -126.25	169.55 -0.47 -175.94
RAVENSWOOD_GT_6 24253	111.98 7.90 -9.92	113.46 7.72 -6.24	123.46 6.34 -34.67	135.42 2.44 -100.61	131.84 2.44 -97.26	145.54 1.96 -114.56	144.05 4.24 -83.73	152.54 2.27 -121.11	141.47 2.43 -108.17	97.73 3.01 -59.81	103.41 3.02 -66.49	79.12 3.08 -42.18	98.13 2.61 -66.55	107.43 2.70 -75.46	92.68 2.89 -58.70	114.99 2.70 -82.39	129.27 2.47 -98.88	162.85 3.13 -123.66	147.50 3.14 -108.44	141.79 2.40 -111.35	136.69 2.27 -107.74	126.74 2.18 -99.05	149.96 1.86 -126.25	169.55 -0.47 -175.94
RAVENSWOOD_GT_7 24255	111.98 7.90 -9.92	113.46 7.72 -6.24	123.46 6.34 -34.67	135.42 2.44 -100.61	131.84 2.44 -97.26	145.54 1.96 -114.56	144.05 4.24 -83.73	152.54 2.27 -121.11	141.47 2.43 -108.17	97.73 3.01 -59.81	103.41 3.02 -66.49	79.12 3.08 -42.18	98.13 2.61 -66.55	107.43 2.70 -75.46	92.68 2.89 -58.70	114.99 2.70 -82.39	129.27 2.47 -98.88	162.85 3.13 -123.66	147.50 3.14 -108.44	141.79 2.40 -111.35	136.69 2.27 -107.74	126.74 2.18 -99.05	149.96 1.86 -126.25	169.55 -0.47 -175.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	112.02 7.95 -9.92	113.52 7.78 -6.24	123.51 6.39 -34.67	135.43 2.45 -100.61	131.86 2.46 -97.26	145.57 1.98 -114.56	144.09 4.27 -83.73	152.56 2.28 -121.11	141.50 2.45 -108.18	98.59 3.03 -60.65	123.56 3.02 -86.63	108.05 3.09 -71.10	119.58 2.62 -87.99	123.28 2.72 -91.30	113.20 2.90 -79.19	130.22 2.71 -97.61	139.26 2.47 -108.87	165.04 3.15 -125.84	147.52 3.16 -108.45	141.70 2.41 -111.25	136.09 2.28 -107.12	125.85 2.20 -98.14	149.90 1.87 -126.19	169.55 -0.47 -175.94

RAVENSWOOD_GT_9 24257	112.02 7.95 -9.92	113.52 7.78 -6.24	123.51 6.39 -34.67	135.43 2.45 -100.61	131.86 2.46 -97.26	145.57 1.98 -114.56	144.09 4.27 -83.73	152.56 2.28 -121.11	141.50 2.45 -108.18	98.59 3.03 -60.65	123.56 3.02 -86.63	108.05 3.09 -71.10	119.58 2.62 -87.99	123.28 2.72 -91.30	113.20 2.90 -79.19	130.22 2.71 -97.61	139.26 2.47 -108.87	165.04 3.15 -125.84	147.52 3.16 -108.45	141.70 2.41 -111.25	136.09 2.28 -107.12	125.85 2.20 -98.14	149.90 1.87 -126.19	169.55 -0.47 -175.94
RAVENSWOOD___1 23533	112.38 8.30 -9.92	113.80 8.06 -6.24	123.83 6.71 -34.67	135.53 2.56 -100.61	131.97 2.57 -97.26	145.67 2.09 -114.56	144.31 4.49 -83.73	152.67 2.39 -121.11	141.64 2.59 -108.18	100.18 3.18 -62.08	158.01 3.17 -120.93	157.44 3.22 -120.34	156.20 2.74 -124.49	150.36 2.82 -118.27	148.20 3.01 -114.09	156.25 2.83 -123.53	156.37 2.58 -125.87	168.86 3.26 -129.54	147.65 3.28 -108.45	141.62 2.50 -111.08	135.14 2.38 -106.08	124.42 2.30 -96.61	149.87 1.94 -126.08	169.53 -0.49 -175.94
RAVENSWOOD___2 23534	112.38 8.30 -9.92	113.80 8.06 -6.24	123.83 6.71 -34.67	135.53 2.56 -100.61	131.97 2.57 -97.26	145.67 2.09 -114.56	144.31 4.49 -83.73	152.67 2.39 -121.11	141.64 2.59 -108.18	100.18 3.18 -62.08	158.01 3.17 -120.93	157.44 3.22 -120.34	156.20 2.74 -124.49	150.36 2.82 -118.27	148.20 3.01 -114.09	156.25 2.83 -123.53	156.37 2.58 -125.87	168.86 3.26 -129.54	147.65 3.28 -108.45	141.62 2.50 -111.08	135.14 2.38 -106.08	124.42 2.30 -96.61	149.87 1.94 -126.08	169.53 -0.49 -175.94
RAVENSWOOD___3 23535	112.05 7.98 -9.92	113.54 7.80 -6.24	123.53 6.41 -34.67	135.44 2.46 -100.61	131.86 2.47 -97.26	145.57 1.99 -114.56	144.10 4.28 -83.73	152.56 2.29 -121.11	141.51 2.46 -108.18	98.75 3.03 -60.80	127.17 3.04 -90.23	113.23 3.10 -76.26	123.43 2.64 -91.82	126.11 2.72 -94.13	116.86 2.91 -82.85	132.95 2.72 -100.33	141.05 2.48 -110.65	165.43 3.15 -126.23	147.53 3.17 -108.45	141.69 2.42 -111.23	135.99 2.29 -107.02	125.70 2.20 -97.98	149.90 1.87 -126.18	169.55 -0.47 -175.94
RAVENSWOOD___4 23820	112.38 8.30 -9.92	113.80 8.06 -6.24	123.83 6.71 -34.67	135.53 2.56 -100.61	131.97 2.57 -97.26	145.67 2.09 -114.56	144.31 4.49 -83.73	152.67 2.39 -121.11	141.64 2.59 -108.18	100.18 3.18 -62.08	158.01 3.17 -120.93	157.44 3.22 -120.34	156.20 2.74 -124.49	150.36 2.82 -118.27	148.20 3.01 -114.09	156.25 2.83 -123.53	156.37 2.58 -125.87	168.86 3.26 -129.54	147.65 3.28 -108.45	141.62 2.50 -111.08	135.14 2.38 -106.08	124.42 2.30 -96.61	149.87 1.94 -126.08	169.53 -0.49 -175.94
RCPL_TRUST___DRP 24196	111.98 7.90 -9.91	113.45 7.71 -6.23	123.44 6.33 -34.66	135.40 2.44 -100.60	131.83 2.45 -97.25	145.53 1.97 -114.54	144.07 4.27 -83.72	152.53 2.28 -121.09	141.47 2.45 -108.16	98.74 3.03 -60.79	127.14 3.02 -90.22	113.18 3.07 -76.25	123.39 2.62 -91.80	126.08 2.70 -94.11	116.83 2.89 -82.84	132.90 2.70 -100.31	141.02 2.47 -110.63	165.42 3.16 -126.20	147.53 3.18 -108.43	141.68 2.43 -111.21	135.97 2.29 -107.00	125.67 2.19 -97.97	149.86 1.86 -126.15	169.52 -0.47 -175.90
RED___ROCHESTER 323720	91.40 -2.76 0.00	96.23 -3.28 0.00	82.79 -3.24 -3.58	44.35 -1.16 -13.15	43.79 -1.06 -12.72	43.20 -0.92 -15.10	64.98 -2.22 -11.12	43.89 -1.34 -16.08	43.88 -1.35 -14.36	41.09 -1.64 -7.81	43.90 -1.82 -11.81	41.61 -1.90 -9.65	39.38 -1.70 -12.11	38.91 -1.62 -11.25	40.23 -1.69 -10.81	41.49 -1.57 -13.17	41.08 -1.52 -14.69	50.58 -1.83 -16.35	47.94 -1.71 -13.73	40.88 -1.31 -14.15	39.60 -1.28 -14.21	37.12 -1.39 -13.01	37.39 -1.21 -16.75	17.76 0.33 -23.35
REGAN___SOLAR 323812	145.35 6.72 -44.47	142.66 6.83 -36.31	160.26 5.55 -72.27	179.91 2.20 -145.34	174.86 2.22 -140.51	196.52 2.01 -165.49	181.09 4.04 -120.96	206.34 2.19 -175.00	189.36 2.16 -156.33	121.08 2.12 -84.05	163.43 1.66 -127.86	138.22 1.18 -103.18	161.47 0.94 -131.56	147.92 1.10 -117.55	149.46 1.44 -116.92	174.59 1.99 -142.71	189.86 2.09 -159.85	215.17 2.81 -176.31	185.62 2.85 -146.86	183.76 2.16 -153.57	183.28 2.00 -154.60	168.90 1.84 -141.55	205.62 1.49 -182.28	247.87 -0.37 -254.16
RENSSELAER___COGEN 23796	123.73 4.08 -25.48	123.12 4.28 -19.34	140.45 3.51 -54.48	164.90 1.20 -131.34	160.22 1.12 -126.97	179.06 0.49 -149.54	166.34 0.96 -109.30	185.67 0.49 -156.02	167.90 0.50 -136.53	111.25 0.55 -75.78	149.79 0.53 -115.36	127.34 0.51 -92.97	146.75 0.43 -117.35	132.88 0.45 -103.16	137.16 0.47 -105.59	159.25 0.45 -128.90	172.82 0.45 -144.45	195.81 0.57 -159.18	168.92 0.52 -132.48	167.04 0.39 -138.61	166.74 0.36 -139.70	153.82 0.40 -127.91	186.92 0.36 -164.71	223.57 -0.18 -229.67
REPUBLIC_115KV_BARTNBRK 55605	152.55 13.34 -45.05	150.26 14.09 -36.67	164.42 11.86 -70.11	172.77 4.57 -135.84	168.02 4.57 -131.32	187.41 3.71 -154.67	176.47 7.33 -113.05	198.17 3.67 -165.34	184.76 3.83 -150.07	117.49 3.94 -78.63	157.05 3.51 -119.63	133.89 3.49 -96.53	156.31 3.10 -124.23	144.34 3.02 -112.05	143.83 3.46 -109.28	166.58 3.31 -133.37	180.54 3.23 -149.40	205.24 4.41 -164.78	177.54 4.39 -137.24	174.92 3.37 -143.51	174.31 3.14 -144.49	160.55 2.75 -132.30	194.53 2.32 -170.36	231.18 -0.45 -237.54
REVERE_CPDR_DRP 24186	98.09 3.93 0.00	103.44 3.94 0.00	86.93 3.03 -1.46	38.89 1.18 -5.35	38.34 1.23 -4.98	33.81 0.93 -3.85	59.08 2.11 -0.89	34.44 1.13 -4.16	35.13 1.21 -3.05	36.17 1.37 0.12	37.40 1.28 -2.21	35.97 1.22 -0.89	32.12 1.02 -2.13	32.66 1.04 -2.36	43.84 1.21 -11.53	37.23 1.19 -6.14	36.31 1.19 -7.20	44.37 1.54 -6.77	43.02 1.46 -5.65	35.01 1.07 -5.90	31.20 0.99 -3.53	29.29 0.90 -2.88	27.17 0.70 -4.62	2.70 -0.15 -8.77
REYNOLDS_115KV_TB3 80639	129.81 4.92 -30.73	128.67 5.17 -23.99	145.23 4.28 -58.50	165.87 1.60 -131.91	161.21 1.56 -127.52	180.18 0.96 -150.20	167.73 1.87 -109.78	184.25 0.97 -154.13	163.23 1.02 -131.34	112.13 1.09 -76.13	150.78 1.06 -115.81	128.42 1.09 -93.46	145.97 0.92 -116.07	131.09 0.92 -100.90	138.20 0.97 -106.13	160.33 0.91 -129.53	173.86 0.87 -145.08	197.20 1.10 -160.04	170.26 1.02 -133.33	168.25 0.81 -139.40	167.76 0.77 -140.31	154.75 0.77 -128.47	187.95 0.66 -165.43	224.55 -0.20 -230.67
RIVERBAY____ 323610	112.33 8.26 -9.92	113.71 7.96 -6.24	123.94 6.82 -34.67	135.58 2.60 -100.61	132.01 2.61 -97.27	145.70 2.12 -114.56	144.43 4.61 -83.74	152.74 2.46 -121.11	141.64 2.58 -108.18	98.87 3.15 -60.81	127.26 3.13 -90.22	113.33 3.20 -76.27	123.53 2.74 -91.82	126.20 2.80 -94.13	116.92 2.97 -82.85	133.03 2.81 -100.33	141.13 2.56 -110.64	165.57 3.29 -126.23	147.73 3.37 -108.46	141.86 2.58 -111.23	136.15 2.45 -107.02	125.86 2.36 -97.99	150.02 1.99 -126.18	169.52 -0.50 -175.94
RIVERSIDE_115KV_TB3 55908	127.38 4.53 -28.68	126.42 4.75 -22.17	143.36 3.90 -57.01	165.72 1.38 -131.97	161.02 1.31 -127.58	179.99 0.70 -150.27	167.27 1.35 -109.83	186.00 0.71 -156.14	167.37 0.75 -135.75	111.88 0.81 -76.16	150.60 0.79 -115.91	128.10 0.78 -93.45	147.11 0.66 -117.48	132.96 0.68 -103.01	137.94 0.71 -106.13	160.12 0.68 -129.55	173.73 0.66 -145.14	196.90 0.84 -160.00	169.90 0.78 -133.20	167.97 0.60 -139.33	167.62 0.57 -140.38	154.62 0.58 -128.53	187.86 0.50 -165.51	224.67 -0.20 -230.78
ROARING___BROOK_WT_PWR 323790	93.14 -1.02 0.00	98.30 -1.21 0.00	81.38 -1.07 0.00	31.80 -0.57 0.00	27.82 -0.66 3.66	-32.42 -1.58 59.86	-26.62 -2.90 79.81	-21.71 -1.46 49.40	-27.49 -1.54 56.82	-31.35 -1.72 64.55	-33.01 -1.63 65.29	-27.21 -1.64 59.43	-28.72 -1.40 56.30	-29.10 -1.43 56.93	-19.53 -1.52 49.11	-19.27 -1.46 47.70	26.24 -1.23 0.44	34.46 -1.60 0.00	34.31 -1.60 0.00	26.65 -1.39 0.00	-21.10 -1.39 46.40	-24.97 -1.26 49.22	-25.16 -1.07 45.94	-24.67 0.25 19.00

ROCHESRG_115KV_T4 355643	90.30 -3.86 0.00	95.10 -4.41 0.00	81.86 -4.14 -3.55	43.87 -1.55 -13.05	43.30 -1.44 -12.62	42.72 -1.28 -14.98	64.14 -2.96 -11.02	43.34 -1.75 -15.94	43.32 -1.78 -14.24	40.50 -2.16 -7.75	43.33 -2.29 -11.71	41.05 -2.38 -9.57	38.89 -2.09 -12.01	38.39 -2.04 -11.16	39.69 -2.13 -10.72	40.95 -2.00 -13.06	40.55 -1.93 -14.56	49.87 -2.40 -16.21	47.26 -2.27 -13.62	40.47 -1.74 -14.16	39.08 -1.68 -14.08	36.66 -1.75 -12.90	36.96 -1.50 -16.61	17.64 0.40 -23.16
ROCHESTER_9_IC 23652	90.88 -3.28 0.00	95.72 -3.79 0.00	82.38 -3.64 -3.58	44.17 -1.35 -13.15	43.60 -1.25 -12.72	43.03 -1.09 -15.10	64.63 -2.57 -11.11	43.70 -1.53 -16.08	43.68 -1.55 -14.36	40.84 -1.89 -7.81	43.70 -2.01 -11.81	41.39 -2.12 -9.65	39.21 -1.87 -12.11	38.71 -1.81 -11.25	40.02 -1.89 -10.81	41.29 -1.77 -13.17	40.89 -1.71 -14.69	50.30 -2.10 -16.35	47.67 -1.98 -13.73	40.81 -1.52 -14.29	39.42 -1.47 -14.21	36.96 -1.56 -13.01	37.25 -1.35 -16.75	17.80 0.36 -23.35
ROCKVIEW_13_KV_LD 356306	112.26 8.19 -9.92	113.79 8.05 -6.24	123.71 6.59 -34.67	135.51 2.54 -100.61	131.93 2.54 -97.26	145.65 2.08 -114.55	144.26 4.44 -83.73	152.64 2.37 -121.11	141.56 2.52 -108.17	98.77 3.06 -60.79	127.18 3.05 -90.23	113.18 3.05 -76.26	123.37 2.59 -91.81	126.05 2.66 -94.12	116.79 2.85 -82.85	132.91 2.69 -100.33	141.04 2.48 -110.64	165.47 3.20 -126.22	147.58 3.23 -108.44	141.73 2.47 -111.22	136.02 2.33 -107.01	125.72 2.23 -97.98	149.91 1.89 -126.17	169.53 -0.48 -175.93
ROME____115KV_TB2 80656	98.09 3.93 0.00	103.44 3.94 0.00	86.93 3.03 -1.46	38.89 1.18 -5.35	38.34 1.23 -4.98	33.81 0.93 -3.85	59.08 2.11 -0.89	34.44 1.13 -4.16	35.13 1.21 -3.05	36.17 1.37 0.12	37.40 1.28 -2.21	35.97 1.22 -0.89	32.12 1.02 -2.13	32.66 1.04 -2.36	43.84 1.21 -11.53	37.23 1.19 -6.14	36.31 1.19 -7.20	44.37 1.54 -6.77	43.02 1.46 -5.65	35.01 1.07 -5.90	31.20 0.99 -3.53	29.29 0.90 -2.88	27.17 0.70 -4.62	2.70 -0.15 -8.77
ROSETON___1 23587	110.79 6.82 -9.81	112.40 6.72 -6.17	122.26 5.51 -34.30	134.02 2.13 -99.53	130.49 2.14 -96.22	144.04 1.69 -113.32	142.54 3.63 -82.83	150.89 1.93 -119.81	139.93 2.05 -107.01	97.49 2.45 -60.12	125.58 2.43 -89.24	111.71 2.44 -75.41	121.86 2.07 -90.82	124.41 2.12 -93.02	115.31 2.27 -81.94	131.26 2.13 -99.24	139.35 1.97 -109.46	163.45 2.55 -124.83	145.70 2.56 -107.23	140.00 1.96 -109.99	134.40 1.86 -105.86	124.22 1.79 -96.92	148.18 1.52 -124.81	167.74 -0.38 -174.04
ROSETON___2 23588	110.79 6.82 -9.81	112.40 6.72 -6.17	122.26 5.51 -34.30	134.02 2.13 -99.53	130.49 2.14 -96.22	144.04 1.69 -113.32	142.54 3.63 -82.83	150.89 1.93 -119.81	139.93 2.05 -107.01	97.49 2.45 -60.12	125.58 2.43 -89.24	111.71 2.44 -75.41	121.86 2.07 -90.82	124.41 2.12 -93.02	115.31 2.27 -81.94	131.26 2.13 -99.24	139.35 1.97 -109.46	163.45 2.55 -124.83	145.70 2.56 -107.23	140.00 1.96 -109.99	134.40 1.86 -105.86	124.22 1.79 -96.92	148.18 1.52 -124.81	167.74 -0.38 -174.04
ROTRDAM_115KV_TB3 80664	146.73 4.13 -48.44	143.38 4.21 -39.67	158.97 3.49 -73.03	171.16 1.39 -137.40	166.32 1.37 -132.83	186.47 1.00 -156.45	172.42 1.98 -114.35	195.64 1.04 -165.44	179.76 1.09 -147.79	115.50 1.18 -79.41	155.84 1.09 -120.85	132.35 1.03 -97.45	154.20 0.87 -124.37	141.04 0.90 -110.87	142.56 0.97 -110.50	165.76 0.99 -134.88	179.99 0.96 -151.12	203.91 1.25 -166.60	175.85 1.24 -138.70	174.07 0.96 -145.08	173.74 0.91 -146.15	160.18 0.86 -133.82	194.88 0.72 -172.32	234.18 -0.18 -240.28
RUSSELL___1 23602	91.43 -2.73 0.00	96.23 -3.27 0.00	82.80 -3.23 -3.58	44.34 -1.17 -13.15	43.78 -1.07 -12.72	43.20 -0.92 -15.10	64.97 -2.23 -11.12	43.88 -1.35 -16.08	43.88 -1.35 -14.36	41.07 -1.66 -7.81	43.92 -1.79 -11.81	41.62 -1.89 -9.65	39.41 -1.68 -12.11	38.92 -1.61 -11.25	40.24 -1.68 -10.81	41.50 -1.56 -13.17	41.09 -1.51 -14.69	50.58 -1.83 -16.35	47.94 -1.71 -13.73	41.02 -1.30 -14.29	39.61 -1.28 -14.21	37.13 -1.38 -13.01	37.40 -1.20 -16.75	17.76 0.33 -23.35
RUSSELL___2 23532	91.43 -2.73 0.00	96.23 -3.27 0.00	82.80 -3.23 -3.58	44.34 -1.17 -13.15	43.78 -1.07 -12.72	43.20 -0.92 -15.10	64.97 -2.23 -11.12	43.88 -1.35 -16.08	43.88 -1.35 -14.36	41.07 -1.66 -7.81	43.92 -1.79 -11.81	41.62 -1.89 -9.65	39.41 -1.68 -12.11	38.92 -1.61 -11.25	40.24 -1.68 -10.81	41.50 -1.56 -13.17	41.09 -1.51 -14.69	50.58 -1.83 -16.35	47.94 -1.71 -13.73	41.02 -1.30 -14.29	39.61 -1.28 -14.21	37.13 -1.38 -13.01	37.40 -1.20 -16.75	17.76 0.33 -23.35
RUSSELL___3 23549	91.43 -2.73 0.00	96.23 -3.27 0.00	82.80 -3.23 -3.58	44.34 -1.17 -13.15	43.78 -1.07 -12.72	43.20 -0.92 -15.10	64.97 -2.23 -11.12	43.88 -1.35 -16.08	43.88 -1.35 -14.36	41.07 -1.66 -7.81	43.92 -1.79 -11.81	41.62 -1.89 -9.65	39.41 -1.68 -12.11	38.92 -1.61 -11.25	40.24 -1.68 -10.81	41.50 -1.56 -13.17	41.09 -1.51 -14.69	50.58 -1.83 -16.35	47.94 -1.71 -13.73	41.02 -1.30 -14.29	39.61 -1.28 -14.21	37.13 -1.38 -13.01	37.40 -1.20 -16.75	17.76 0.33 -23.35
RUSSELL___4 23556	91.43 -2.73 0.00	96.23 -3.27 0.00	82.80 -3.23 -3.58	44.34 -1.17 -13.15	43.78 -1.07 -12.72	43.20 -0.92 -15.10	64.97 -2.23 -11.12	43.88 -1.35 -16.08	43.88 -1.35 -14.36	41.07 -1.66 -7.81	43.92 -1.79 -11.81	41.62 -1.89 -9.65	39.41 -1.68 -12.11	38.92 -1.61 -11.25	40.24 -1.68 -10.81	41.50 -1.56 -13.17	41.09 -1.51 -14.69	50.58 -1.83 -16.35	47.94 -1.71 -13.73	41.02 -1.30 -14.29	39.61 -1.28 -14.21	37.13 -1.38 -13.01	37.40 -1.20 -16.75	17.76 0.33 -23.35
RUSSELL___STATION 23914	91.43 -2.73 0.00	96.23 -3.27 0.00	82.80 -3.23 -3.58	44.34 -1.17 -13.15	43.78 -1.07 -12.72	43.20 -0.92 -15.10	64.97 -2.23 -11.12	43.88 -1.35 -16.08	43.88 -1.35 -14.36	41.07 -1.66 -7.81	43.92 -1.79 -11.81	41.62 -1.89 -9.65	39.41 -1.68 -12.11	38.92 -1.61 -11.25	40.24 -1.68 -10.81	41.50 -1.56 -13.17	41.09 -1.51 -14.69	50.58 -1.83 -16.35	47.94 -1.71 -13.73	41.02 -1.30 -14.29	39.61 -1.28 -14.21	37.13 -1.38 -13.01	37.40 -1.20 -16.75	17.76 0.33 -23.35
S SALMON___HYD 24043	92.50 -1.66 0.00	97.45 -2.06 0.00	82.51 -1.92 -1.98	38.89 -0.74 -7.28	38.18 -0.72 -6.77	31.57 -0.85 -3.40	54.55 -1.59 -0.06	33.91 -0.76 -5.51	34.05 -0.81 -4.00	33.65 -0.94 0.33	34.12 -0.94 -1.15	33.90 -1.00 -1.05	30.84 -0.88 -2.74	29.49 -0.93 -1.15	22.18 -1.00 7.91	29.47 -0.97 -0.55	34.21 -0.82 -7.11	44.32 -0.93 -9.20	42.62 -0.96 -7.67	35.28 -0.78 -8.01	30.63 -0.72 -4.67	28.59 -0.70 -3.78	27.32 -0.67 -6.14	6.13 0.19 -11.85
S.PERRY__115KV_TB1 80734	96.17 0.07 -1.94	100.03 -0.44 -0.96	87.73 -1.25 -6.53	50.66 -0.46 -18.77	49.93 -0.34 -18.14	50.01 -0.48 -21.46	69.60 -2.23 -15.75	50.52 -1.42 -22.78	49.83 -1.38 -20.34	44.22 -1.77 -11.07	51.94 -2.11 -20.15	45.25 -2.30 -13.68	44.05 -2.09 -17.16	43.27 -1.95 -15.95	44.59 -1.83 -15.32	46.92 -1.64 -18.66	47.24 -1.49 -20.81	57.52 -1.70 -23.17	53.83 -1.55 -19.46	47.07 -1.21 -20.24	45.70 -1.10 -20.12	43.41 -0.53 -18.43	44.98 -0.59 -23.73	27.35 0.18 -33.09
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	89.82 -6.10 -1.76	93.52 -6.86 -0.87	81.79 -6.61 -5.95	46.94 -2.55 -17.13	46.24 -2.45 -16.56	46.45 -2.15 -19.59	65.42 -5.03 -14.36	46.85 -3.09 -20.78	46.25 -3.18 -18.55	41.16 -3.86 -10.10	44.10 -4.10 -14.29	42.05 -4.29 -12.47	40.86 -3.76 -15.65	40.16 -3.65 -14.55	41.29 -3.79 -13.97	43.34 -3.57 -17.02	43.42 -3.48 -18.98	52.84 -4.34 -21.13	49.54 -4.13 -17.75	43.37 -3.14 -18.47	42.03 -3.01 -18.36	39.23 -3.09 -16.81	40.89 -2.60 -21.64	24.96 0.69 -30.18

SAWYER___23_KV_LOAD 55526	89.82 -6.10 -1.76	93.52 -6.86 -0.87	81.79 -6.61 -5.95	46.94 -2.55 -17.13	46.24 -2.45 -16.56	46.45 -2.15 -19.59	65.42 -5.03 -14.36	46.85 -3.09 -20.78	46.25 -3.18 -18.55	41.16 -3.86 -10.10	44.10 -4.10 -14.29	42.05 -4.29 -12.47	40.86 -3.76 -15.65	40.16 -3.65 -14.55	41.29 -3.79 -13.97	43.34 -3.57 -17.02	43.42 -3.48 -18.98	52.84 -4.34 -21.13	49.54 -4.13 -17.75	43.37 -3.14 -18.47	42.03 -3.01 -18.36	39.23 -3.09 -16.81	40.89 -2.60 -21.64	24.96 0.69 -30.18
SELKIRK___I 23801	118.95 4.14 -20.65	118.97 4.37 -15.08	136.38 3.65 -50.27	162.66 1.35 -128.95	158.09 1.31 -124.65	176.61 0.77 -146.82	164.87 1.48 -107.31	183.80 0.73 -153.91	167.31 0.75 -135.70	110.19 0.78 -74.49	147.95 0.71 -113.34	125.93 0.63 -91.43	145.28 0.56 -115.76	132.39 0.57 -102.55	135.44 0.62 -103.72	157.14 0.65 -126.60	170.38 0.65 -141.81	193.27 0.81 -156.40	166.93 0.76 -130.26	164.84 0.59 -136.22	164.38 0.55 -137.15	151.66 0.57 -125.58	184.07 0.51 -161.71	219.39 -0.18 -225.48
SELKIRK___II 23799	119.76 3.95 -21.65	119.56 4.11 -15.94	137.33 3.41 -51.47	164.22 1.24 -130.62	159.58 1.19 -126.27	178.39 0.65 -148.72	166.07 1.28 -108.70	185.59 0.65 -155.78	168.72 0.69 -137.17	111.02 0.77 -75.34	149.35 0.72 -114.73	126.98 0.71 -92.41	146.71 0.61 -117.13	133.07 0.62 -103.18	136.74 0.65 -104.99	158.70 0.63 -128.17	172.19 0.62 -143.65	195.07 0.76 -158.25	168.29 0.72 -131.66	166.37 0.56 -137.77	166.13 0.52 -138.93	153.26 0.54 -127.21	186.13 0.48 -163.81	222.31 -0.18 -228.41
SENECA OSWGO___HYD 24041	91.55 -2.61 0.00	96.67 -2.84 0.00	82.16 -2.47 -2.18	39.48 -0.88 -8.00	38.95 -0.84 -7.66	36.05 -0.78 -7.80	59.52 -1.61 -5.05	37.20 -0.82 -8.86	37.62 -0.88 -7.64	37.28 -1.02 -3.38	38.63 -0.97 -5.68	37.47 -0.97 -4.58	34.40 -0.82 -6.25	33.72 -0.84 -5.29	33.53 -0.92 -3.35	35.34 -0.89 -6.34	35.90 -0.84 -8.81	45.01 -1.07 -10.02	43.20 -1.07 -8.36	35.96 -0.81 -8.73	33.70 -0.76 -7.77	31.73 -0.75 -6.97	30.55 -0.65 -9.35	8.29 0.19 -14.02
SENECA___115KV_TB3 355854	91.43 -4.57 -1.84	95.17 -5.25 -0.91	83.27 -5.39 -6.22	48.16 -2.08 -17.88	47.43 -1.99 -17.29	47.74 -1.72 -20.45	66.90 -4.18 -14.99	48.23 -2.61 -21.69	47.56 -2.67 -19.37	42.18 -3.28 -10.54	45.30 -3.53 -14.93	43.17 -3.71 -13.02	42.04 -3.27 -16.34	41.31 -3.15 -15.19	42.45 -3.23 -14.58	44.63 -3.03 -17.76	44.75 -2.98 -19.81	54.41 -3.70 -22.05	50.93 -3.52 -18.53	44.64 -2.67 -19.27	43.27 -2.57 -19.16	40.38 -2.67 -17.54	42.20 -2.25 -22.59	26.18 0.60 -31.50
SENECA___ENERGY 23797	95.06 -0.53 -1.43	99.39 -0.83 -0.71	86.08 -1.25 -4.88	46.06 -0.36 -14.06	45.49 -0.23 -13.59	45.16 -0.31 -16.44	67.60 -0.84 -12.35	46.48 -0.54 -17.86	46.26 -0.57 -15.96	42.98 -0.62 -8.68	46.52 -0.74 -13.36	43.79 -0.79 -10.73	41.75 -0.68 -13.46	41.18 -0.60 -12.51	42.57 -0.55 -12.01	43.99 -0.54 -14.63	43.72 -0.51 -16.32	53.62 -0.61 -18.17	50.61 -0.57 -15.26	43.48 -0.43 -15.87	42.01 -0.46 -15.78	39.47 -0.50 -14.45	40.01 -0.45 -18.61	20.17 0.13 -25.95
SHOEMAKER___GT 23640	109.23 5.98 -9.08	111.12 5.90 -5.72	118.96 4.83 -31.68	126.11 1.88 -91.88	122.84 1.89 -88.82	135.13 1.50 -104.61	135.69 3.15 -76.46	141.41 1.66 -110.59	131.42 1.77 -98.78	92.38 2.09 -55.37	118.26 2.06 -82.29	105.27 2.04 -69.37	114.49 1.73 -83.80	116.28 1.77 -85.23	108.57 1.92 -75.55	123.26 1.84 -91.53	130.67 1.72 -101.04	153.35 2.26 -115.03	136.83 2.27 -98.65	131.08 1.75 -101.29	126.06 1.66 -97.72	116.57 1.59 -89.47	138.40 1.34 -115.21	154.40 -0.33 -160.65
SHOEMAKR_138KV_BK 111 55601	109.12 5.93 -9.02	111.03 5.85 -5.68	118.71 4.78 -31.47	125.49 1.86 -91.27	122.23 1.86 -88.23	134.42 1.48 -103.92	135.18 3.15 -75.95	140.68 1.66 -109.86	130.76 1.76 -98.13	92.02 2.11 -54.99	117.71 2.06 -81.75	104.82 2.06 -68.89	113.95 1.74 -83.24	115.69 1.79 -84.62	108.08 1.94 -75.04	122.65 1.84 -90.92	130.01 1.72 -100.37	152.57 2.26 -114.25	136.15 2.27 -97.97	130.38 1.74 -100.61	125.40 1.65 -97.07	115.97 1.58 -88.88	137.64 1.33 -114.46	153.35 -0.33 -159.59
SHOREHAM_IC_1 23715	115.88 11.80 -9.92	117.11 11.36 -6.24	125.48 8.35 -34.68	135.91 2.92 -100.63	132.85 3.44 -97.28	146.63 3.03 -114.58	145.89 6.06 -83.74	153.18 2.88 -121.13	142.32 3.26 -108.19	99.43 3.71 -60.81	127.90 3.75 -90.25	113.73 3.59 -76.28	123.69 2.89 -91.83	126.36 2.95 -94.14	117.35 3.38 -82.86	133.76 3.52 -100.35	142.00 3.42 -110.67	166.51 4.21 -126.25	149.02 4.64 -108.47	145.25 3.40 -113.81	153.81 3.17 -123.95	132.94 3.00 -104.42	150.58 2.54 -126.19	169.39 -0.65 -175.96
SHOREHAM_IC_2 23716	115.88 11.80 -9.92	117.11 11.36 -6.24	125.48 8.35 -34.68	135.91 2.92 -100.63	132.85 3.44 -97.28	146.63 3.03 -114.58	145.89 6.06 -83.74	153.18 2.88 -121.13	142.32 3.26 -108.19	99.43 3.71 -60.81	127.90 3.75 -90.25	113.73 3.59 -76.28	123.69 2.89 -91.83	126.36 2.95 -94.14	117.35 3.38 -82.86	133.76 3.52 -100.35	142.00 3.42 -110.67	166.51 4.21 -126.25	149.02 4.64 -108.47	145.25 3.40 -113.81	153.81 3.17 -123.95	132.94 3.00 -104.42	150.58 2.54 -126.19	169.39 -0.65 -175.96
SISSONVILLE____ 23735	90.28 -3.87 0.00	95.59 -3.92 0.00	79.33 -3.13 0.00	30.97 -1.39 0.00	28.02 -1.59 2.51	-15.49 -3.38 41.13	-5.24 -5.84 55.48	-6.05 -2.97 32.24	-9.90 -2.94 37.83	-12.85 -3.24 44.53	-15.04 -3.35 45.59	-9.94 -3.23 40.57	-11.59 -2.69 37.87	-13.62 -2.91 39.98	-22.65 -3.00 50.75	-10.34 -2.86 37.37	25.84 -2.40 -0.32	36.01 -2.98 -2.93	35.29 -3.06 -2.44	27.92 -2.67 -2.55	-6.58 -2.82 30.45	-9.79 -2.62 32.67	-10.00 -2.18 29.67	-14.68 0.54 9.31
SITHE_IND_GS1 24169	90.59 -3.57 0.00	95.65 -3.86 0.00	80.79 -3.30 -1.64	37.18 -1.20 -6.02	36.77 -1.19 -5.82	34.82 -1.09 -6.88	58.83 -2.29 -5.03	35.26 -1.17 -7.28	36.12 -1.25 -6.50	36.97 -1.44 -3.50	37.86 -1.37 -5.32	36.80 -1.36 -4.30	33.29 -1.15 -5.47	33.00 -1.19 -4.91	34.67 -1.30 -4.87	34.58 -1.25 -5.94	33.41 -1.17 -6.65	41.89 -1.51 -7.34	40.55 -1.49 -6.12	33.30 -1.14 -6.40	32.05 -1.06 -6.43	30.38 -1.02 -5.89	28.57 -0.87 -7.59	4.89 0.23 -10.58
SITHE_IND_GS2 24170	90.59 -3.57 0.00	95.65 -3.86 0.00	80.79 -3.30 -1.64	37.18 -1.20 -6.02	36.77 -1.19 -5.82	34.82 -1.09 -6.88	58.83 -2.29 -5.03	35.26 -1.17 -7.28	36.12 -1.25 -6.50	36.97 -1.44 -3.50	37.86 -1.37 -5.32	36.80 -1.36 -4.30	33.29 -1.15 -5.47	33.00 -1.19 -4.91	34.67 -1.30 -4.87	34.58 -1.25 -5.94	33.41 -1.17 -6.65	41.89 -1.51 -7.34	40.55 -1.49 -6.12	33.30 -1.14 -6.40	32.05 -1.06 -6.43	30.38 -1.02 -5.89	28.57 -0.87 -7.59	4.89 0.23 -10.58
SITHE_IND_GS3 24171	90.59 -3.57 0.00	95.65 -3.86 0.00	80.79 -3.30 -1.64	37.18 -1.20 -6.02	36.77 -1.19 -5.82	34.82 -1.09 -6.88	58.83 -2.29 -5.03	35.26 -1.17 -7.28	36.12 -1.25 -6.50	36.97 -1.44 -3.50	37.86 -1.37 -5.32	36.80 -1.36 -4.30	33.29 -1.15 -5.47	33.00 -1.19 -4.91	34.67 -1.30 -4.87	34.58 -1.25 -5.94	33.41 -1.17 -6.65	41.89 -1.51 -7.34	40.55 -1.49 -6.12	33.30 -1.14 -6.40	32.05 -1.06 -6.43	30.38 -1.02 -5.89	28.57 -0.87 -7.59	4.89 0.23 -10.58
SITHE_IND_GS4 24172	90.59 -3.57 0.00	95.65 -3.86 0.00	80.79 -3.30 -1.64	37.18 -1.20 -6.02	36.77 -1.19 -5.82	34.82 -1.09 -6.88	58.83 -2.29 -5.03	35.26 -1.17 -7.28	36.12 -1.25 -6.50	36.97 -1.44 -3.50	37.86 -1.37 -5.32	36.80 -1.36 -4.30	33.29 -1.15 -5.47	33.00 -1.19 -4.91	34.67 -1.30 -4.87	34.58 -1.25 -5.94	33.41 -1.17 -6.65	41.89 -1.51 -7.34	40.55 -1.49 -6.12	33.30 -1.14 -6.40	32.05 -1.06 -6.43	30.38 -1.02 -5.89	28.57 -0.87 -7.59	4.89 0.23 -10.58

SITHE____BATAVIA 24024	92.37 -3.32 -1.53	96.49 -3.78 -0.76	83.73 -3.97 -5.24	45.95 -1.54 -15.12	45.36 -1.39 -14.62	45.19 -1.16 -17.33	66.02 -2.80 -12.73	45.77 -1.81 -18.41	45.51 -1.81 -16.44	41.62 -2.25 -8.95	44.34 -2.60 -13.03	42.09 -2.83 -11.06	40.31 -2.53 -13.87	39.74 -2.42 -12.89	41.04 -2.44 -12.38	42.70 -2.27 -15.08	42.56 -2.18 -16.82	52.21 -2.57 -18.73	49.24 -2.41 -15.73	42.35 -1.84 -16.16	41.13 -1.82 -16.27	38.41 -2.00 -14.90	39.31 -1.72 -19.18	21.29 0.46 -26.75
SITHE____INDEPEND 23800	90.59 -3.57 0.00	95.66 -3.85 0.00	80.79 -3.30 -1.64	37.18 -1.21 -6.02	36.77 -1.19 -5.82	34.82 -1.09 -6.88	58.84 -2.28 -5.03	35.26 -1.17 -7.28	36.11 -1.26 -6.50	36.97 -1.45 -3.50	37.86 -1.37 -5.32	36.81 -1.36 -4.30	33.29 -1.15 -5.47	32.99 -1.19 -4.91	34.67 -1.30 -4.87	34.59 -1.25 -5.94	33.40 -1.17 -6.65	41.89 -1.51 -7.34	40.55 -1.49 -6.12	33.29 -1.14 -6.40	32.05 -1.06 -6.43	30.38 -1.02 -5.89	28.57 -0.87 -7.59	4.89 0.23 -10.58
SITHE____MASSENA 23902	92.46 -1.70 0.00	98.02 -1.49 0.00	81.38 -1.07 0.00	31.81 -0.55 0.00	28.32 -0.75 3.06	-23.78 -2.87 49.93	-16.03 -4.90 67.21	-13.48 -2.52 40.11	-18.31 -2.48 46.70	-22.03 -2.74 54.20	-23.91 -2.80 55.02	-18.34 -2.63 49.58	-19.74 -2.16 46.55	-21.15 -2.32 48.09	-22.14 -2.41 50.83	-14.80 -2.29 42.40	26.43 -1.93 -0.43	35.82 -2.42 -2.18	35.24 -2.49 -1.82	27.70 -2.24 -1.90	-13.51 -2.39 37.79	-17.08 -2.22 40.37	-17.01 -1.79 37.07	-18.63 0.41 13.12
SITHE____OGDNSBRG 24021	92.91 -1.24 0.00	98.53 -0.98 0.00	81.81 -0.65 0.00	31.95 -0.41 0.00	28.81 -0.59 2.73	-18.20 -2.67 44.55	-8.32 -4.37 60.04	-8.34 -2.20 35.30	-12.53 -2.12 41.28	-15.74 -2.37 48.29	-17.92 -2.57 49.26	-12.66 -2.46 44.07	-14.33 -2.05 41.24	-16.11 -2.25 43.13	-21.92 -2.24 50.78	-11.51 -2.08 39.33	26.68 -1.61 -0.37	36.77 -1.92 -2.64	36.12 -2.00 -2.20	28.47 -1.87 -2.30	-8.70 -2.08 33.30	-12.11 -1.95 35.66	-12.28 -1.60 32.54	-16.32 0.38 10.79
SITHE____STERLING 23777	97.32 3.16 0.00	102.78 3.28 0.00	86.68 2.51 -1.72	39.68 1.01 -6.31	39.18 1.07 -5.98	35.67 0.84 -5.81	60.96 1.79 -3.08	36.37 0.95 -6.27	37.07 1.01 -5.19	37.73 1.11 -1.70	38.97 1.03 -4.03	37.58 0.98 -2.73	33.90 0.83 -4.10	34.04 0.86 -3.91	41.21 1.00 -9.11	37.54 0.99 -6.65	36.65 0.95 -7.78	45.16 1.18 -7.93	43.62 1.10 -6.61	35.76 0.81 -6.91	32.89 0.75 -5.45	30.96 0.68 -4.77	29.10 0.54 -6.71	4.77 -0.11 -10.80
SLEIGHT__34_KV_TB1 80719	92.25 -1.91 0.00	97.18 -2.33 0.00	83.56 -2.39 -3.50	44.36 -0.88 -12.87	43.81 -0.77 -12.44	43.23 -0.68 -14.89	65.52 -1.61 -11.05	44.17 -0.96 -15.98	44.17 -0.97 -14.27	41.51 -1.17 -7.77	44.38 -1.26 -11.73	42.14 -1.31 -9.59	39.87 -1.14 -12.04	39.37 -1.09 -11.18	40.71 -1.14 -10.74	41.93 -1.05 -13.09	41.50 -1.01 -14.60	51.09 -1.22 -16.25	48.41 -1.16 -13.65	41.34 -0.89 -14.20	39.89 -0.91 -14.12	37.45 -0.98 -12.92	37.61 -0.89 -16.64	17.53 0.24 -23.21
SOUTH CAIRO__GT 23612	123.36 9.23 -19.96	123.84 9.72 -14.61	138.63 7.89 -48.30	158.85 2.96 -123.54	154.48 2.93 -119.42	171.92 2.24 -140.66	163.37 4.48 -102.81	178.90 2.29 -147.45	163.21 2.36 -129.98	109.09 2.38 -71.80	144.73 1.95 -108.87	123.84 1.58 -88.39	141.44 1.46 -111.02	131.05 1.45 -100.32	132.30 1.51 -99.68	153.29 1.86 -121.54	165.90 2.12 -135.86	189.22 2.65 -150.52	163.83 2.02 -125.90	160.84 1.49 -131.31	159.43 1.35 -131.40	147.30 1.48 -120.31	178.21 1.44 -154.92	209.65 -0.46 -216.02
SOUTH HAMPTN__IC 23720	116.13 12.05 -9.92	117.28 11.53 -6.24	125.73 8.60 -34.68	136.11 3.12 -100.63	132.94 3.53 -97.28	146.75 3.15 -114.58	146.21 6.38 -83.74	153.28 2.98 -121.13	142.38 3.32 -108.19	99.48 3.76 -60.81	127.98 3.83 -90.25	113.80 3.65 -76.28	123.73 2.93 -91.83	126.40 2.99 -94.14	117.41 3.45 -82.86	133.82 3.59 -100.35	142.07 3.49 -110.67	166.64 4.34 -126.25	149.11 4.73 -108.47	145.36 3.50 -113.82	153.89 3.25 -123.95	133.00 3.08 -104.42	150.63 2.58 -126.19	169.39 -0.66 -175.96
SOUTHDOW_115KV_TB1 355954	95.24 -0.91 -2.00	98.99 -1.51 -0.99	86.46 -2.70 -6.71	50.52 -1.11 -19.27	49.79 -0.97 -18.63	50.27 -0.77 -22.02	70.21 -2.01 -16.14	51.17 -1.33 -23.34	50.14 -1.61 -20.88	44.22 -2.08 -11.38	48.22 -2.35 -16.66	45.40 -2.52 -14.06	44.41 -2.20 -17.64	43.55 -2.09 -16.37	44.67 -2.13 -15.70	47.07 -1.94 -19.12	47.17 -2.07 -21.33	57.36 -2.44 -23.74	53.45 -2.41 -19.95	46.93 -1.85 -20.75	45.48 -1.83 -20.62	42.42 -1.97 -18.88	44.59 -1.58 -24.32	28.42 0.43 -33.91
SOUTHOLD_69_KV_BK 2 55809	116.15 12.07 -9.92	117.09 11.34 -6.24	124.65 7.53 -34.68	135.56 2.57 -100.63	132.89 3.48 -97.28	146.72 3.12 -114.58	146.25 6.42 -83.74	152.72 2.43 -121.13	141.71 2.65 -108.19	98.77 3.05 -60.81	127.96 3.81 -90.25	113.73 3.59 -76.28	123.65 2.85 -91.83	126.31 2.90 -94.14	117.33 3.37 -82.86	133.79 3.55 -100.35	142.10 3.51 -110.67	166.74 4.44 -126.25	149.17 4.79 -108.47	145.43 3.57 -113.82	153.93 3.30 -123.95	133.02 3.09 -104.42	150.61 2.56 -126.19	169.40 -0.65 -175.96
SOUTHOLD__IC 23719	116.14 12.07 -9.92	117.10 11.35 -6.24	124.65 7.52 -34.68	135.56 2.56 -100.63	132.89 3.48 -97.28	146.73 3.13 -114.58	146.24 6.42 -83.74	152.72 2.43 -121.13	141.71 2.65 -108.19	98.77 3.05 -60.81	127.97 3.82 -90.25	113.74 3.60 -76.28	123.65 2.85 -91.83	126.32 2.91 -94.14	117.33 3.37 -82.86	133.80 3.56 -100.35	142.10 3.52 -110.67	166.74 4.44 -126.25	149.17 4.79 -108.47	145.43 3.57 -113.82	153.93 3.30 -123.95	133.02 3.09 -104.42	150.60 2.56 -126.19	169.40 -0.65 -175.96
SOUTH_FORK_WT_PWR 323839	115.14 11.06 -9.92	115.85 10.10 -6.24	124.00 6.87 -34.68	135.35 2.36 -100.63	132.46 3.05 -97.28	146.35 2.75 -114.58	145.60 5.77 -83.74	152.66 2.37 -121.13	141.67 2.61 -108.19	98.69 2.97 -60.81	127.54 3.39 -90.25	113.28 3.14 -76.28	123.26 2.46 -91.83	125.91 2.50 -94.14	116.91 2.95 -82.86	133.39 3.15 -100.35	141.72 3.14 -110.67	166.25 3.95 -126.25	148.67 4.29 -108.47	145.05 3.18 -113.82	153.58 2.95 -123.95	132.68 2.75 -104.42	150.31 2.27 -126.19	169.48 -0.57 -175.96
SPIERFLS_115KV_TB 1 80737	147.90 8.35 -45.40	145.18 8.70 -36.97	160.02 7.16 -70.41	171.17 2.81 -136.00	166.27 2.67 -131.47	185.89 2.02 -154.85	172.94 3.67 -113.19	196.31 1.80 -165.35	182.58 1.87 -149.85	115.53 1.90 -78.72	155.34 1.68 -119.75	132.13 1.64 -96.63	154.60 1.38 -124.25	142.57 1.37 -111.93	142.02 1.52 -109.40	164.95 1.53 -133.53	179.02 1.53 -149.57	203.11 2.09 -164.96	175.36 2.06 -137.39	173.28 1.57 -143.67	172.81 1.47 -144.66	159.31 1.35 -132.45	193.51 1.10 -170.56	231.67 -0.24 -237.83
ST LAWRENCE____ 23600	91.95 -2.21 0.00	97.52 -1.99 0.00	80.97 -1.48 0.00	31.67 -0.69 0.00	27.99 -0.88 3.26	-27.93 -3.00 53.95	-20.60 -5.21 71.47	-17.54 -2.67 44.03	-22.45 -2.68 50.64	-25.56 -2.95 57.53	-27.86 -2.97 58.79	-21.93 -2.83 52.97	-23.55 -2.35 50.17	-24.58 -2.47 51.39	-23.64 -2.60 52.14	-17.83 -2.52 45.20	24.43 -2.17 1.31	33.29 -2.77 0.00	33.09 -2.82 0.00	25.55 -2.49 0.00	-17.18 -2.56 41.30	-20.72 -2.41 43.82	-21.05 -1.99 40.91	-22.41 0.46 16.95
STATE_CA_115KV_115_LB 55624	130.84 4.66 -32.02	129.53 4.89 -25.13	146.18 4.02 -59.72	166.63 1.40 -132.87	161.92 1.35 -128.45	181.03 0.73 -151.29	168.12 1.45 -110.58	187.47 0.76 -157.55	169.15 0.82 -137.46	112.51 0.90 -76.69	151.48 0.86 -116.72	128.81 0.84 -94.11	148.22 0.72 -118.53	134.18 0.74 -104.17	138.74 0.78 -106.85	161.07 0.76 -130.43	174.78 0.73 -146.13	198.09 0.93 -161.10	170.92 0.89 -134.12	169.00 0.67 -140.29	168.63 0.63 -141.33	155.54 0.63 -129.40	189.03 0.55 -166.63	226.22 -0.21 -232.35

STATE_ST_34_KV_LOAD 55959	97.31 1.73 -1.42	101.80 1.59 -0.70	88.10 0.84 -4.81	46.55 0.33 -13.86	45.95 0.43 -13.39	45.51 0.23 -16.26	68.50 0.16 -12.26	46.91 0.02 -17.73	46.75 0.04 -15.84	43.68 0.15 -8.62	46.95 0.03 -13.02	44.52 0.01 -10.64	42.40 0.07 -13.36	41.79 0.11 -12.41	43.18 0.16 -11.92	44.59 0.18 -14.52	44.25 0.13 -16.20	54.34 0.25 -18.03	51.33 0.27 -15.15	44.01 0.21 -15.76	42.42 0.08 -15.67	39.92 0.06 -14.34	40.29 -0.03 -18.47	19.84 0.00 -25.75
STATION 5_MISC_HYD 23604	90.88 -3.28 0.00	95.68 -3.82 0.00	82.38 -3.65 -3.58	44.18 -1.34 -13.15	43.62 -1.23 -12.72	43.03 -1.09 -15.10	64.64 -2.55 -11.11	43.70 -1.53 -16.08	43.69 -1.54 -14.36	40.85 -1.88 -7.81	43.66 -2.05 -11.81	41.38 -2.14 -9.65	39.18 -1.90 -12.11	38.70 -1.82 -11.25	40.01 -1.91 -10.81	41.27 -1.79 -13.17	40.88 -1.72 -14.69	50.30 -2.10 -16.35	47.66 -1.99 -13.73	40.66 -1.52 -14.15	39.41 -1.48 -14.21	36.94 -1.57 -13.00	37.25 -1.35 -16.75	17.80 0.36 -23.35
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	94.49 -0.99 -1.32	98.79 -1.38 -0.66	85.38 -1.64 -4.57	45.06 -0.53 -13.23	44.52 -0.40 -12.79	43.97 -0.34 -15.29	66.48 -0.95 -11.34	44.93 -0.64 -16.41	44.90 -0.62 -14.66	42.11 -0.78 -7.98	45.05 -0.91 -12.05	42.70 -1.02 -9.85	40.44 -0.90 -12.36	39.93 -0.82 -11.49	41.31 -0.82 -11.04	42.58 -0.76 -13.44	42.17 -0.74 -14.99	51.90 -0.84 -16.69	49.14 -0.80 -14.02	42.01 -0.61 -14.58	40.57 -0.62 -14.50	38.06 -0.73 -13.28	38.30 -0.65 -17.09	18.10 0.18 -23.84
STA_56_34_KV_BUS2_REV_LBMP_B 345033	90.59 -3.56 0.00	95.41 -4.10 0.00	82.12 -3.88 -3.55	43.98 -1.43 -13.05	43.41 -1.33 -12.62	42.84 -1.17 -14.99	64.44 -2.69 -11.04	43.54 -1.58 -15.97	43.53 -1.60 -14.26	40.73 -1.94 -7.76	43.58 -2.05 -11.73	41.30 -2.15 -9.59	39.11 -1.89 -12.03	38.62 -1.83 -11.18	39.92 -1.92 -10.74	41.17 -1.80 -13.08	40.77 -1.73 -14.59	50.16 -2.13 -16.24	47.54 -2.02 -13.64	40.68 -1.55 -14.19	39.29 -1.50 -14.11	36.84 -1.59 -12.92	37.11 -1.37 -16.64	17.65 0.37 -23.20
STA_56__34_KV_BUS2 355983	90.59 -3.56 0.00	95.41 -4.10 0.00	82.12 -3.88 -3.55	43.98 -1.43 -13.05	43.41 -1.33 -12.62	42.84 -1.17 -14.99	64.44 -2.69 -11.04	43.54 -1.58 -15.97	43.53 -1.60 -14.26	40.73 -1.94 -7.76	43.58 -2.05 -11.73	41.30 -2.15 -9.59	39.11 -1.89 -12.03	38.62 -1.83 -11.18	39.92 -1.92 -10.74	41.17 -1.80 -13.08	40.77 -1.73 -14.59	50.16 -2.13 -16.24	47.54 -2.02 -13.64	40.68 -1.55 -14.19	39.29 -1.50 -14.11	36.84 -1.59 -12.92	37.11 -1.37 -16.64	17.65 0.37 -23.20
STA_67__115KV_BK2 355882	90.67 -3.49 0.00	95.46 -4.04 0.00	82.19 -3.83 -3.57	44.08 -1.42 -13.14	43.51 -1.32 -12.70	42.95 -1.16 -15.08	64.48 -2.71 -11.10	43.59 -1.62 -16.06	43.57 -1.64 -14.34	40.71 -2.01 -7.80	43.57 -2.13 -11.79	41.28 -2.23 -9.64	39.10 -1.97 -12.10	38.61 -1.90 -11.24	39.91 -1.99 -10.80	41.18 -1.86 -13.15	40.79 -1.80 -14.67	50.17 -2.22 -16.33	47.53 -2.10 -13.72	40.71 -1.60 -14.27	39.32 -1.55 -14.19	36.87 -1.63 -12.99	37.17 -1.41 -16.73	17.79 0.38 -23.32
STA_7__115KV_9TRANS 80674	91.43 -2.73 0.00	96.23 -3.27 0.00	82.80 -3.23 -3.58	44.34 -1.17 -13.15	43.78 -1.07 -12.72	43.20 -0.92 -15.10	64.97 -2.23 -11.12	43.88 -1.35 -16.08	43.88 -1.35 -14.36	41.07 -1.66 -7.81	43.92 -1.79 -11.81	41.62 -1.89 -9.65	39.41 -1.68 -12.11	38.92 -1.61 -11.25	40.24 -1.68 -10.81	41.50 -1.56 -13.17	41.09 -1.51 -14.69	50.58 -1.83 -16.35	47.94 -1.71 -13.73	41.02 -1.30 -14.29	39.61 -1.28 -14.21	37.13 -1.38 -13.01	37.40 -1.20 -16.75	17.76 0.33 -23.35
STA_82__115KV_TB1 80780	92.02 -3.45 -1.31	96.18 -3.98 -0.65	83.22 -3.79 -4.56	44.18 -1.40 -13.22	43.60 -1.30 -12.78	43.06 -1.14 -15.17	64.57 -2.69 -11.17	43.71 -1.61 -16.16	43.68 -1.63 -14.44	40.79 -1.98 -7.86	43.66 -2.11 -11.87	41.36 -2.21 -9.70	39.20 -1.94 -12.18	38.70 -1.89 -11.31	40.00 -1.97 -10.87	41.29 -1.84 -13.24	40.90 -1.78 -14.76	50.30 -2.19 -16.44	47.65 -2.07 -13.81	40.82 -1.58 -14.36	39.43 -1.54 -14.28	36.97 -1.61 -13.08	37.29 -1.39 -16.84	17.93 0.38 -23.48
STEEL__WIND 323596	91.20 -4.80 -1.84	95.03 -5.39 -0.91	83.13 -5.54 -6.22	48.14 -2.10 -17.88	47.40 -2.02 -17.29	47.69 -1.78 -20.45	66.78 -4.29 -14.99	48.18 -2.66 -21.69	47.51 -2.72 -19.37	42.15 -3.31 -10.54	45.20 -3.64 -14.93	43.08 -3.80 -13.02	41.95 -3.35 -16.34	41.23 -3.23 -15.19	42.38 -3.31 -14.58	44.53 -3.12 -17.76	44.67 -3.06 -19.81	54.32 -3.79 -22.05	50.84 -3.61 -18.53	44.27 -2.74 -18.97	43.20 -2.64 -19.16	40.30 -2.75 -17.54	42.14 -2.30 -22.59	26.19 0.61 -31.50
STEPHTWN_115KV_BK_2 55603	125.54 5.89 -25.48	125.09 6.24 -19.34	141.95 5.01 -54.48	165.49 1.79 -131.34	160.82 1.73 -126.97	179.66 1.10 -149.54	167.65 2.26 -109.30	186.34 1.16 -156.02	168.58 1.18 -136.53	112.01 1.32 -75.78	150.48 1.21 -115.36	127.99 1.16 -92.97	147.31 0.99 -117.35	133.50 1.07 -103.16	137.80 1.10 -105.59	159.91 1.11 -128.90	173.52 1.16 -144.45	196.73 1.49 -159.18	169.69 1.30 -132.48	167.69 1.05 -138.61	167.35 0.97 -139.70	154.37 0.95 -127.91	187.38 0.82 -164.71	223.46 -0.30 -229.67
STEUBEN_REC_LFGE 323667	93.89 -2.79 -2.52	97.43 -3.71 -1.63	86.49 -4.30 -8.35	54.41 -1.81 -23.86	53.49 -1.71 -23.06	54.78 -1.48 -27.24	72.57 -3.47 -19.95	55.91 -2.11 -28.86	54.46 -2.19 -25.78	46.28 -2.67 -14.04	54.56 -2.90 -23.55	48.10 -3.10 -17.33	48.05 -2.67 -21.75	46.96 -2.53 -20.22	48.05 -2.47 -19.41	51.28 -2.26 -23.64	52.18 -2.11 -26.37	62.86 -2.55 -29.36	58.17 -2.41 -24.67	51.75 -1.94 -25.66	50.36 -1.82 -25.50	47.00 -1.86 -23.35	50.43 -1.49 -30.07	36.45 0.44 -41.92
STILLWATER__SOLAR 323814	144.99 6.96 -43.87	142.37 7.23 -35.62	157.49 5.94 -69.09	170.00 2.34 -135.30	165.20 2.27 -130.80	184.84 1.76 -154.05	172.09 3.41 -112.60	196.18 1.75 -165.28	183.51 1.83 -150.81	115.21 1.92 -78.37	154.84 1.73 -119.20	131.75 1.67 -96.21	154.55 1.40 -124.18	143.11 1.41 -112.43	141.48 1.53 -108.85	164.30 1.55 -132.85	178.26 1.54 -148.80	202.27 2.07 -164.15	174.66 2.01 -136.74	172.56 1.55 -142.97	172.06 1.46 -143.91	158.64 1.36 -131.77	192.68 1.15 -169.68	230.40 -0.28 -236.60
STONY__BROOK 24151	115.38 11.31 -9.92	116.66 10.91 -6.24	125.70 8.57 -34.68	136.18 3.19 -100.63	132.79 3.38 -97.28	146.57 2.97 -114.58	146.00 6.17 -83.74	153.39 3.10 -121.13	142.36 3.30 -108.19	99.57 3.84 -60.81	127.89 3.74 -90.25	113.86 3.72 -76.28	123.82 3.02 -91.83	126.50 3.09 -94.14	117.46 3.50 -82.86	133.79 3.55 -100.35	141.83 3.24 -110.67	166.36 4.06 -126.25	148.78 4.40 -108.47	145.12 3.33 -113.75	153.74 3.11 -123.95	133.01 3.08 -104.42	150.60 2.55 -126.19	169.40 -0.65 -175.96
STURGEON_POOL_HYD 23609	117.84 11.50 -12.19	119.19 11.49 -8.20	128.86 9.38 -37.02	139.16 3.68 -103.11	135.53 3.72 -99.68	149.65 3.23 -117.41	148.74 6.84 -85.81	156.72 3.69 -123.88	145.04 3.86 -110.32	100.82 4.40 -61.51	129.96 4.12 -91.94	114.59 4.03 -76.69	126.07 3.41 -93.69	125.10 3.49 -92.34	119.25 3.81 -84.34	136.01 3.76 -102.36	144.96 3.64 -113.40	169.05 4.88 -128.11	149.91 4.88 -109.11	144.31 3.75 -112.52	139.87 3.52 -109.67	129.18 3.26 -100.42	153.88 2.72 -129.31	173.72 -0.67 -180.30
ST_LAW_115_BK7_LBMP 345037	91.81 -2.35 0.00	97.38 -2.13 0.00	80.87 -1.58 0.00	31.63 -0.73 0.00	27.96 -0.94 3.24	-27.68 -3.07 53.64	-20.26 -5.32 71.03	-17.31 -2.72 43.75	-22.19 -2.73 50.32	-25.27 -3.02 57.17	-27.58 -3.05 58.44	-21.67 -2.90 52.64	-23.28 -2.40 49.86	-24.38 -2.53 51.13	-23.74 -2.65 52.19	-17.76 -2.56 45.09	24.35 -2.19 1.38	33.26 -2.79 0.00	33.06 -2.85 0.00	25.52 -2.52 0.00	-17.02 -2.61 41.09	-20.53 -2.45 43.59	-20.86 -2.02 40.69	-22.29 0.46 16.83

ST_LAW_115_BK8_LBMP 345038	91.81 -2.35 0.00	97.38 -2.13 0.00	80.87 -1.58 0.00	31.63 -0.73 0.00	27.96 -0.94 3.24	-27.68 -3.07 53.64	-20.26 -5.32 71.03	-17.31 -2.72 43.75	-22.19 -2.73 50.32	-25.27 -3.02 57.17	-27.58 -3.05 58.44	-21.67 -2.90 52.64	-23.28 -2.40 49.86	-24.38 -2.53 51.13	-23.74 -2.65 52.19	-17.76 -2.56 45.09	24.35 -2.19 1.38	33.26 -2.79 0.00	33.06 -2.85 0.00	25.52 -2.52 0.00	-17.02 -2.61 41.09	-20.53 -2.45 43.59	-20.86 -2.02 40.69	-22.29 0.46 16.83
ST_LAW_230_BK5_LBMP 345035	91.95 -2.21 0.00	97.52 -1.99 0.00	80.97 -1.48 0.00	31.67 -0.69 0.00	27.94 -0.88 3.31	-28.62 -3.00 54.64	-21.55 -5.21 72.42	-18.14 -2.67 44.64	-23.15 -2.68 51.34	-26.36 -2.95 58.32	-28.61 -2.97 59.54	-22.66 -2.83 53.70	-24.24 -2.35 50.87	-25.27 -2.47 52.07	-23.64 -2.60 52.14	-18.27 -2.52 45.64	24.46 -2.17 1.28	33.29 -2.77 0.00	33.09 -2.82 0.00	25.55 -2.49 0.00	-17.80 -2.56 41.92	-21.38 -2.41 44.47	-21.65 -1.99 41.51	-22.63 0.46 17.17
ST_LAW_230_BK6_LBMP 345036	91.95 -2.21 0.00	97.52 -1.99 0.00	80.97 -1.48 0.00	31.67 -0.69 0.00	27.94 -0.88 3.31	-28.62 -3.00 54.64	-21.55 -5.21 72.42	-18.14 -2.67 44.64	-23.15 -2.68 51.34	-26.36 -2.95 58.32	-28.61 -2.97 59.54	-22.66 -2.83 53.70	-24.24 -2.35 50.87	-25.27 -2.47 52.07	-23.64 -2.60 52.14	-18.27 -2.52 45.64	24.46 -2.17 1.28	33.29 -2.77 0.00	33.09 -2.82 0.00	25.55 -2.49 0.00	-17.80 -2.56 41.92	-21.38 -2.41 44.47	-21.65 -1.99 41.51	-22.63 0.46 17.17
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	109.99 6.54 -9.28	111.81 6.45 -5.85	120.12 5.29 -32.38	128.31 2.05 -93.90	124.96 2.06 -90.77	137.60 1.67 -106.91	137.78 3.56 -78.14	144.06 1.87 -113.03	133.80 1.98 -100.95	93.94 2.41 -56.62	120.40 2.37 -84.13	107.19 2.37 -70.96	116.63 2.01 -85.65	118.62 2.08 -87.27	110.56 2.23 -77.23	125.56 2.10 -93.56	133.13 1.95 -103.26	156.22 2.55 -117.61	139.40 2.57 -100.90	133.59 1.97 -103.58	128.41 1.86 -99.87	118.72 1.77 -91.44	141.09 1.49 -117.75	157.90 -0.37 -164.19
SWANROAD_115KV_TB1 355699	87.51 -8.33 -1.68	91.39 -8.95 -0.84	79.71 -8.47 -5.73	45.46 -3.40 -16.49	44.80 -3.27 -15.94	45.03 -2.86 -18.87	63.65 -6.28 -13.85	45.31 -3.88 -20.03	44.75 -4.00 -17.89	39.85 -4.80 -9.74	42.82 -5.03 -13.95	40.62 -5.27 -12.02	39.44 -4.62 -15.09	38.77 -4.53 -14.03	39.87 -4.70 -13.47	41.86 -4.44 -16.40	41.93 -4.28 -18.30	51.04 -5.39 -20.37	47.89 -5.14 -17.12	41.91 -3.93 -17.80	40.61 -3.77 -17.70	37.90 -3.81 -16.20	39.49 -3.23 -20.86	24.03 0.85 -29.09
SYNERGY___BIOGAS 323694	92.37 -3.32 -1.53	96.49 -3.78 -0.76	83.73 -3.97 -5.24	45.95 -1.54 -15.12	45.36 -1.39 -14.62	45.19 -1.16 -17.33	66.02 -2.80 -12.73	45.77 -1.81 -18.41	45.51 -1.81 -16.44	41.62 -2.25 -8.95	44.34 -2.60 -13.03	42.09 -2.83 -11.06	40.31 -2.53 -13.87	39.74 -2.42 -12.89	41.04 -2.44 -12.38	42.70 -2.27 -15.08	42.56 -2.18 -16.82	52.21 -2.57 -18.73	49.24 -2.41 -15.73	42.35 -3.93 -16.16	41.13 -1.82 -16.27	38.41 -2.00 -14.90	39.31 -1.72 -19.18	21.29 0.46 -26.75
SYRACUSE___ENERGY_ST1 323597	94.73 0.57 0.00	99.88 0.37 0.00	85.50 0.03 -3.01	43.51 0.07 -11.09	42.93 0.14 -10.66	41.17 -0.02 -12.17	64.54 -0.28 -8.73	42.61 -0.17 -13.62	42.65 -0.19 -11.98	40.72 -0.21 -6.01	43.26 -0.22 -9.57	41.36 -0.24 -7.73	38.77 -0.17 -9.98	38.31 -0.17 -9.20	39.93 -0.16 -8.98	40.82 -0.13 -11.07	40.90 -0.14 -13.12	50.52 -0.14 -14.61	48.03 -0.15 -12.27	40.69 -0.11 -12.76	38.55 -0.12 -12.00	36.24 -0.15 -10.88	35.96 -0.16 -14.27	14.71 0.05 -20.58
SYRACUSE___ENERGY_ST2 323598	94.73 0.57 0.00	99.88 0.37 0.00	85.50 0.03 -3.01	43.51 0.07 -11.09	42.93 0.14 -10.66	41.17 -0.02 -12.17	64.54 -0.28 -8.73	42.61 -0.17 -13.62	42.65 -0.19 -11.98	40.72 -0.21 -6.01	43.26 -0.22 -9.57	41.36 -0.24 -7.73	38.77 -0.17 -9.98	38.31 -0.17 -9.20	39.93 -0.16 -8.98	40.82 -0.13 -11.07	40.90 -0.14 -13.12	50.52 -0.14 -14.61	48.03 -0.15 -12.27	40.69 -0.11 -12.76	38.55 -0.12 -12.00	36.24 -0.15 -10.88	35.96 -0.16 -14.27	14.71 0.05 -20.58
SYRACUSE___POWER 24017	93.98 -0.18 0.00	99.14 -0.37 0.00	85.09 -0.56 -3.20	43.98 -0.15 -11.77	43.36 -0.09 -11.32	41.56 -0.14 -12.68	64.57 -0.39 -8.87	42.79 -0.22 -13.85	42.82 -0.22 -12.17	40.74 -0.27 -6.10	43.36 -0.27 -9.72	41.43 -0.28 -7.85	38.88 -0.23 -10.14	38.39 -0.22 -9.35	40.01 -0.21 -9.12	40.95 -0.19 -11.25	41.07 -0.19 -13.35	50.70 -0.21 -14.86	48.17 -0.22 -12.48	40.85 -0.17 -12.98	38.71 -0.16 -12.19	36.37 -0.20 -11.06	36.17 -0.19 -14.51	15.08 0.06 -20.93
TALLMAN___138KV_BK151 55660	110.60 6.92 -9.52	112.26 6.77 -5.99	121.26 5.58 -33.24	130.93 2.14 -96.42	127.50 2.16 -93.21	140.56 1.75 -109.79	140.11 3.78 -80.24	147.21 1.98 -116.07	136.62 2.09 -103.67	95.68 2.57 -58.19	122.90 2.57 -86.42	109.40 2.59 -72.95	119.14 2.20 -87.97	121.41 2.28 -89.85	112.87 2.42 -79.35	128.27 2.27 -96.11	136.05 2.09 -106.04	159.62 2.72 -120.85	142.39 2.73 -103.74	136.59 2.09 -106.46	131.22 1.98 -102.56	121.29 1.88 -93.90	144.36 1.60 -120.92	162.28 -0.41 -168.60
TEALLAVE_115KV_TB7 355573	93.19 -0.96 0.00	98.31 -1.20 0.00	83.89 -1.23 -2.67	41.77 -0.40 -9.82	41.20 -0.35 -9.42	38.96 -0.36 -10.30	62.29 -0.81 -7.01	40.02 -0.43 -11.29	40.27 -0.46 -9.86	39.16 -0.53 -4.77	41.18 -0.51 -7.79	39.58 -0.53 -6.25	36.70 -0.45 -8.17	36.34 -0.44 -7.51	38.02 -0.46 -7.38	38.60 -0.43 -9.14	38.60 -0.42 -11.10	47.89 -0.53 -12.36	45.76 -0.53 -10.38	38.43 -0.40 -10.80	36.23 -0.37 -9.93	34.08 -0.40 -8.97	33.35 -0.36 -11.86	11.51 0.10 -17.32
TELGRAPH_34_KV_EAST 80808	90.04 -5.71 -1.59	93.96 -6.33 -0.79	81.74 -6.16 -5.44	45.62 -2.43 -15.70	45.00 -2.30 -15.17	45.02 -1.97 -17.97	64.77 -4.51 -13.20	45.43 -2.82 -19.09	45.04 -2.87 -17.05	40.68 -3.51 -9.28	43.54 -3.76 -13.40	41.34 -3.98 -11.46	39.84 -3.51 -14.38	39.23 -3.41 -13.37	40.43 -3.51 -12.84	42.23 -3.30 -15.63	42.16 -3.19 -17.44	51.50 -3.97 -19.41	48.47 -3.75 -16.31	42.14 -2.86 -16.96	40.77 -2.78 -16.87	38.08 -2.87 -15.44	39.29 -2.45 -19.88	22.46 0.65 -27.73
TEMPLE___115KV_TB 2 55572	93.23 -0.93 0.00	98.35 -1.15 0.00	83.99 -1.17 -2.72	41.96 -0.38 -9.99	41.39 -0.33 -9.59	39.19 -0.33 -10.51	62.48 -0.77 -7.17	40.24 -0.41 -11.49	40.48 -0.44 -10.05	39.30 -0.51 -4.89	41.37 -0.49 -7.95	39.75 -0.51 -6.39	36.89 -0.42 -8.33	36.51 -0.42 -7.66	38.19 -0.44 -7.52	38.80 -0.41 -9.31	38.80 -0.40 -11.27	48.11 -0.50 -12.55	45.95 -0.50 -10.54	38.62 -0.38 -10.96	36.43 -0.36 -10.11	34.26 -0.38 -9.14	33.57 -0.34 -12.07	11.78 0.10 -17.60
TIANA____69_KV_BK 1 55817	116.21 12.13 -9.92	117.40 11.65 -6.24	125.88 8.76 -34.68	136.18 3.19 -100.63	132.98 3.57 -97.28	146.77 3.16 -114.58	146.26 6.43 -83.74	153.34 3.04 -121.13	142.43 3.37 -108.19	99.56 3.83 -60.81	128.03 3.87 -90.25	113.85 3.71 -76.28	123.79 2.99 -91.83	126.46 3.05 -94.14	117.47 3.51 -82.86	133.87 3.63 -100.35	142.11 3.53 -110.67	166.70 4.40 -126.25	149.17 4.79 -108.47	145.40 3.54 -113.82	153.93 3.30 -123.95	133.06 3.12 -104.42	150.67 2.62 -126.19	169.37 -0.67 -175.96
TILDEN___115KV_TB1 80814	93.98 -0.18 0.00	99.14 -0.37 0.00	85.09 -0.56 -3.20	43.98 -0.15 -11.77	43.36 -0.09 -11.32	41.56 -0.14 -12.68	64.57 -0.39 -8.87	42.79 -0.22 -13.85	42.82 -0.22 -12.17	40.74 -0.27 -6.10	43.36 -0.27 -9.72	41.43 -0.28 -7.85	38.88 -0.23 -10.14	38.39 -0.22 -9.35	40.01 -0.21 -9.12	40.95 -0.19 -11.25	41.07 -0.19 -13.35	50.70 -0.21 -14.86	48.17 -0.22 -12.48	40.85 -0.17 -12.98	38.71 -0.16 -12.19	36.37 -0.20 -11.06	36.17 -0.19 -14.51	15.08 0.06 -20.93

TRIGEN___CC 323695	113.29 9.21 -9.92	114.70 8.96 -6.24	124.30 7.17 -34.68	135.72 2.73 -100.63	132.22 2.81 -97.28	145.96 2.36 -114.58	144.83 5.00 -83.74	152.89 2.60 -121.13	141.87 2.80 -108.19	99.04 3.32 -60.81	127.44 3.29 -90.25	113.41 3.27 -76.28	123.47 2.67 -91.83	126.15 2.74 -94.14	116.99 3.02 -82.86	133.17 2.93 -100.35	141.29 2.70 -110.67	165.65 3.35 -126.25	147.93 3.55 -108.47	142.74 2.76 -111.94	153.03 2.59 -123.75	132.40 2.47 -104.42	150.12 2.08 -126.19	169.52 -0.53 -175.96
TRINITY___115KV___4 BK 55933	125.19 4.30 -26.73	124.49 4.54 -20.44	141.66 3.72 -55.49	165.32 1.29 -131.67	160.63 1.22 -127.29	179.53 0.59 -149.92	166.81 1.15 -109.58	185.95 0.61 -156.19	167.87 0.63 -136.37	111.57 0.69 -75.97	150.21 0.66 -115.64	127.73 0.66 -93.20	147.02 0.56 -117.49	133.01 0.57 -103.16	137.56 0.60 -105.86	159.70 0.58 -129.23	173.29 0.57 -144.81	196.36 0.72 -159.59	169.40 0.66 -132.83	167.50 0.50 -138.96	167.20 0.47 -140.05	154.23 0.49 -128.23	187.41 0.43 -165.12	224.14 -0.19 -230.25
UNION___PROCESSING_DRP 323587	92.07 -3.41 -1.31	96.21 -3.95 -0.65	83.26 -3.76 -4.57	44.20 -1.39 -13.23	43.63 -1.29 -12.79	43.08 -1.13 -15.19	64.62 -2.65 -11.19	43.75 -1.59 -16.18	43.71 -1.61 -14.45	40.81 -1.97 -7.86	43.69 -2.10 -11.88	41.38 -2.20 -9.71	39.22 -1.94 -12.19	38.72 -1.88 -11.33	40.03 -1.96 -10.88	41.31 -1.84 -13.25	40.93 -1.77 -14.78	50.34 -2.18 -16.46	47.68 -2.06 -13.83	40.85 -1.57 -14.38	39.46 -1.53 -14.30	37.00 -1.60 -13.09	37.32 -1.39 -16.86	17.96 0.37 -23.51
UPPER HUDSON___HYD 24058	147.91 8.35 -45.40	145.17 8.69 -36.97	160.02 7.16 -70.41	171.16 2.81 -136.00	166.27 2.67 -131.47	185.89 2.02 -154.85	172.94 3.67 -113.19	196.31 1.80 -165.35	182.58 1.87 -149.85	115.53 1.90 -78.72	155.35 1.69 -119.75	132.13 1.64 -96.63	154.60 1.38 -124.25	142.57 1.36 -111.93	142.01 1.51 -109.40	164.95 1.53 -133.53	179.02 1.53 -149.57	203.11 2.09 -164.96	175.36 2.06 -137.39	173.28 1.57 -143.67	172.81 1.46 -144.66	159.31 1.35 -132.45	193.51 1.10 -170.56	231.67 -0.24 -237.83
UPPER RAQUET___HYD 24056	90.29 -3.87 0.00	95.59 -3.91 0.00	79.33 -3.13 0.00	30.97 -1.39 0.00	28.02 -1.59 2.51	-15.49 -3.38 41.13	-5.25 -5.85 55.48	-6.06 -2.98 32.24	-9.92 -2.95 37.83	-12.89 -3.28 44.53	-15.04 -3.35 45.59	-9.94 -3.23 40.57	-11.59 -2.69 37.87	-13.62 -2.91 39.98	-22.66 -3.01 50.75	-10.33 -2.86 37.37	25.84 -2.40 -0.32	36.01 -2.98 -2.93	35.29 -3.06 -2.44	27.93 -2.66 -2.55	-6.58 -2.82 30.45	-9.79 -2.63 32.67	-10.00 -2.18 29.67	-14.70 0.52 9.31
VALLEY44_115KV_TB2 355964	93.53 -2.72 -2.09	97.13 -3.42 -1.04	85.59 -3.87 -7.01	50.91 -1.55 -20.09	50.15 -1.41 -19.43	50.67 -1.30 -22.95	69.52 -3.38 -16.82	51.32 -2.16 -24.32	50.40 -2.20 -21.73	44.19 -2.56 -11.83	48.77 -2.64 -17.50	45.93 -2.56 -14.62	45.19 -2.12 -18.34	44.31 -2.01 -17.04	45.44 -2.02 -16.36	47.94 -1.88 -19.92	48.15 -2.00 -22.22	58.08 -2.72 -24.74	53.88 -2.83 -20.79	47.50 -2.16 -21.62	46.17 -2.00 -21.49	43.08 -2.11 -19.68	45.53 -1.66 -25.34	29.84 0.42 -35.33
VALLEY___115KV_TB 1-4 80826	96.83 2.67 0.00	102.16 2.65 0.00	84.59 2.14 0.00	33.20 0.84 0.00	32.93 0.80 0.00	29.54 0.37 -0.15	57.14 0.97 -0.09	29.67 0.52 0.00	31.37 0.50 0.00	35.40 0.48 0.00	34.33 0.27 -0.16	34.07 0.21 0.00	29.12 0.16 0.00	29.61 0.17 -0.18	33.61 0.33 -0.71	31.03 0.43 -0.25	28.60 0.43 0.00	36.76 0.71 0.00	36.55 0.64 0.00	28.53 0.49 0.00	27.14 0.45 0.00	25.88 0.37 0.00	22.15 0.30 0.00	-6.03 -0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	111.07 7.95 -8.97	114.19 8.28 -6.41	108.38 6.83 -19.10	81.08 2.77 -45.95	79.36 2.81 -44.42	83.73 2.39 -52.32	99.08 4.76 -38.23	86.88 2.42 -55.30	82.91 2.65 -49.40	64.86 3.04 -26.90	77.43 2.89 -40.63	69.99 2.89 -33.23	73.07 2.43 -41.67	70.54 2.48 -38.79	71.04 2.74 -37.20	77.85 2.66 -45.31	80.89 2.45 -50.52	95.46 3.14 -56.27	86.33 3.13 -47.29	79.63 2.41 -49.17	77.76 2.21 -48.86	72.32 2.07 -44.74	81.21 1.75 -57.61	73.97 -0.44 -80.33
VISCHER___FERRY HYD 24020	138.50 5.64 -38.71	136.40 5.84 -31.06	151.99 4.79 -64.74	167.49 1.85 -133.28	162.79 1.82 -128.84	182.08 1.30 -151.75	169.53 2.53 -110.92	195.81 1.35 -165.30	186.43 1.45 -154.11	113.84 1.53 -77.41	153.00 1.44 -117.66	130.38 1.43 -95.09	154.32 1.21 -124.14	144.73 1.19 -114.27	139.62 1.22 -107.30	161.99 1.17 -130.92	175.63 1.13 -146.58	199.40 1.50 -161.85	172.29 1.43 -134.95	170.18 1.12 -141.02	169.53 1.09 -141.76	156.35 1.04 -129.80	189.89 0.90 -167.14	226.91 -0.23 -233.06
V_A_10_SYNC_DSASP 323832	89.24 -6.40 -1.48	93.08 -7.17 -0.74	80.97 -6.59 -5.11	44.61 -2.49 -14.74	44.00 -2.38 -14.25	43.74 -2.16 -16.88	63.56 -4.91 -12.39	44.15 -2.93 -17.92	43.86 -3.02 -16.01	40.02 -3.60 -8.71	42.76 -3.83 -12.69	40.67 -3.95 -10.76	39.01 -3.46 -13.50	38.45 -3.37 -12.55	39.64 -3.51 -12.05	41.25 -3.32 -14.68	41.08 -3.22 -16.37	50.23 -4.05 -18.23	47.36 -3.86 -15.31	40.78 -2.96 -15.71	39.68 -2.83 -15.83	37.12 -2.89 -14.50	38.09 -2.43 -18.67	20.76 0.64 -26.03
V_CMM_10_SYNC_DSASP 323787	92.08 -2.08 0.00	97.88 -1.63 0.00	81.30 -1.15 0.00	31.79 -0.57 0.00	28.12 -0.77 3.24	-27.54 -2.93 53.64	-19.97 -5.03 71.03	-17.20 -2.61 43.75	-22.10 -2.64 50.32	-25.16 -2.91 57.17	-27.48 -2.95 58.44	-21.57 -2.80 52.64	-23.20 -2.32 49.86	-24.30 -2.44 51.13	-23.65 -2.56 52.19	-17.68 -2.48 45.09	24.43 -2.11 1.38	33.37 -2.69 0.00	33.20 -2.72 0.00	25.66 -2.38 0.00	-16.88 -2.47 41.09	-20.41 -2.32 43.59	-20.75 -1.91 40.69	-22.31 0.44 16.83
V_CMP_10_SYNC_DSASP 323788	92.54 -1.62 0.00	97.92 -1.59 0.00	81.17 -1.28 0.00	31.58 -0.78 0.00	27.78 -1.10 3.25	-27.46 -2.70 53.78	-20.50 -5.35 71.23	-17.52 -2.79 43.88	-22.21 -2.60 50.47	-24.84 -2.42 57.34	-27.16 -2.46 58.61	-21.70 -2.78 52.80	-23.16 -2.12 50.01	-24.20 -2.21 51.27	-23.52 -2.44 52.18	-17.95 -2.67 45.17	11.66 -2.47 13.78	16.27 -3.06 16.72	28.61 -3.09 4.22	25.41 -2.63 0.00	-17.15 -2.62 41.22	-20.69 -2.48 43.72	-20.97 -2.01 40.81	-22.41 0.39 16.88
V_D_10_SYNC_DSASP 323841	92.48 -1.68 0.00	98.04 -1.47 0.00	81.40 -1.06 0.00	31.82 -0.54 0.00	28.32 -0.74 3.07	-23.90 -2.86 50.06	-16.19 -4.90 67.38	-13.59 -2.52 40.22	-18.43 -2.47 46.82	-22.16 -2.74 54.34	-24.05 -2.80 55.16	-18.48 -2.63 49.71	-19.86 -2.15 46.68	-21.26 -2.32 48.21	-22.13 -2.40 50.83	-14.87 -2.29 42.48	26.44 -1.92 -0.44	35.80 -2.42 -2.17	35.24 -2.49 -1.81	27.70 -2.24 -1.89	-13.61 -2.39 37.90	-17.20 -2.22 40.48	-17.11 -1.79 37.17	-18.68 0.41 13.18
V_E_10_SYNC_DSASP 323830	107.29 8.34 -4.79	111.06 8.27 -3.29	101.62 6.60 -12.57	68.12 2.53 -33.23	66.55 2.30 -32.12	68.81 1.91 -37.88	87.72 3.93 -27.71	71.20 1.97 -40.07	68.65 1.99 -35.80	56.45 2.04 -19.49	65.06 1.72 -29.44	59.40 1.46 -24.07	60.31 1.15 -30.20	58.56 1.19 -28.09	59.53 1.47 -26.96	64.25 1.53 -32.83	66.01 1.48 -36.61	79.05 2.23 -40.77	72.32 2.15 -34.27	65.35 1.63 -35.68	63.57 1.47 -35.41	59.13 1.20 -32.42	64.54 0.94 -41.75	52.05 -0.25 -58.21
V_F_30_NSYNC___DSASP 323816	145.74 7.02 -44.56	143.05 7.31 -36.23	158.15 6.02 -69.69	170.33 2.36 -135.61	165.53 2.30 -131.10	185.22 1.78 -154.41	172.41 3.46 -112.86	196.25 1.78 -165.31	183.11 1.87 -150.38	115.41 1.97 -78.52	155.14 1.78 -119.45	131.99 1.72 -96.40	154.64 1.46 -124.21	142.94 1.47 -112.21	141.78 1.58 -109.10	164.65 1.61 -133.15	178.65 1.58 -149.15	202.69 2.12 -164.51	175.02 2.07 -137.03	172.91 1.59 -143.29	172.43 1.50 -144.25	158.99 1.40 -132.07	193.09 1.17 -170.07	230.94 -0.29 -237.15

V_F_30_SYNC_DSASP 323786	130.44 4.66 -31.62	129.17 4.89 -24.77	145.86 4.02 -59.39	166.53 1.40 -132.77	161.83 1.35 -128.35	180.93 0.73 -151.18	168.04 1.45 -110.50	187.34 0.76 -157.43	169.02 0.82 -137.34	112.44 0.89 -76.64	151.40 0.86 -116.64	128.74 0.84 -94.04	148.12 0.72 -118.43	134.08 0.74 -104.07	138.65 0.78 -106.77	160.98 0.76 -130.33	174.68 0.73 -146.02	197.97 0.93 -160.98	170.81 0.88 -134.02	168.89 0.67 -140.18	168.53 0.63 -141.22	155.45 0.63 -129.31	188.91 0.55 -166.51	226.05 -0.21 -232.18
V_XM_10_SYNC_DSASP 323789	92.54 -1.62 0.00	97.92 -1.59 0.00	81.17 -1.28 0.00	31.58 -0.78 0.00	27.78 -1.10 3.25	-27.46 -2.70 53.78	-20.50 -5.35 71.23	-17.52 -2.79 43.88	-22.21 -2.60 50.47	-24.84 -2.42 57.34	-27.16 -2.46 58.61	-21.70 -2.78 52.80	-23.16 -2.12 50.01	-24.20 -2.21 51.27	-23.52 -2.44 52.18	-17.95 -2.67 45.17	11.66 -2.47 13.78	16.27 -3.06 16.72	28.61 -3.09 4.22	25.41 -2.63 0.00	-17.15 -2.62 41.22	-20.69 -2.48 43.72	-20.97 -2.01 40.81	-22.41 0.39 16.88
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	110.92 7.19 -9.57	112.58 7.05 -6.02	121.67 5.78 -33.43	131.59 2.24 -96.99	128.14 2.25 -93.76	141.29 1.84 -110.44	140.74 3.94 -80.72	147.98 2.07 -116.75	137.36 2.20 -104.29	96.15 2.68 -58.55	123.53 2.67 -86.94	109.95 2.68 -73.40	119.74 2.28 -88.49	122.06 2.36 -90.44	113.44 2.52 -79.82	128.94 2.36 -96.68	136.76 2.18 -106.67	160.47 2.83 -121.58	143.15 2.85 -104.38	137.33 2.18 -107.11	131.91 2.07 -103.16	121.92 1.96 -94.45	145.14 1.66 -121.63	163.27 -0.42 -169.60
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	111.98 7.90 -9.91	113.46 7.72 -6.23	123.44 6.33 -34.66	135.40 2.44 -100.60	131.83 2.45 -97.25	145.54 1.98 -114.54	144.07 4.27 -83.72	152.53 2.28 -121.09	141.48 2.46 -108.16	98.74 3.04 -60.79	127.16 3.04 -90.22	113.19 3.08 -76.25	123.39 2.62 -91.80	126.09 2.71 -94.11	116.84 2.90 -82.84	132.91 2.70 -100.31	141.02 2.47 -110.63	165.42 3.16 -126.20	147.54 3.20 -108.43	141.68 2.44 -111.21	135.97 2.30 -107.00	125.68 2.20 -97.97	149.87 1.87 -126.15	169.52 -0.47 -175.90
W50THST__13_KV_LOAD 356117	112.29 8.21 -9.91	113.78 8.03 -6.23	123.70 6.59 -34.66	135.50 2.54 -100.60	131.94 2.56 -97.25	145.65 2.09 -114.54	144.31 4.51 -83.72	152.67 2.43 -121.09	141.66 2.63 -108.16	98.96 3.25 -60.79	127.38 3.26 -90.22	113.41 3.30 -76.25	123.59 2.82 -91.80	126.29 2.92 -94.11	117.06 3.12 -82.84	133.12 2.91 -100.31	141.21 2.67 -110.63	165.71 3.45 -126.20	147.84 3.50 -108.43	141.91 2.66 -111.21	136.18 2.50 -107.00	125.85 2.37 -97.97	150.01 2.01 -126.15	169.48 -0.51 -175.90
WADING RIVER_IC_1 23522	115.85 11.77 -9.92	117.10 11.35 -6.24	126.28 9.15 -34.68	136.15 3.16 -100.63	132.81 3.40 -97.28	146.60 3.00 -114.58	145.83 6.00 -83.74	153.19 2.90 -121.13	142.27 3.21 -108.19	99.38 3.65 -60.81	127.86 3.71 -90.25	113.71 3.57 -76.28	123.67 2.87 -91.83	126.34 2.93 -94.14	117.33 3.37 -82.86	133.74 3.50 -100.35	141.96 3.38 -110.67	166.44 4.14 -126.25	148.97 4.59 -108.47	145.22 3.36 -113.82	153.76 3.12 -123.95	132.91 2.98 -104.42	150.57 2.53 -126.19	169.40 -0.65 -175.96
WADING RIVER_IC_2 23547	115.85 11.77 -9.92	117.10 11.35 -6.24	126.28 9.15 -34.68	136.15 3.16 -100.63	132.81 3.40 -97.28	146.60 3.00 -114.58	145.83 6.00 -83.74	153.19 2.90 -121.13	142.27 3.21 -108.19	99.38 3.65 -60.81	127.86 3.71 -90.25	113.71 3.57 -76.28	123.67 2.87 -91.83	126.34 2.93 -94.14	117.33 3.37 -82.86	133.74 3.50 -100.35	141.96 3.38 -110.67	166.44 4.14 -126.25	148.97 4.59 -108.47	145.22 3.36 -113.82	153.76 3.12 -123.95	132.91 2.98 -104.42	150.57 2.53 -126.19	169.40 -0.65 -175.96
WADING RIVER_IC_3 23601	115.85 11.77 -9.92	117.10 11.35 -6.24	126.28 9.15 -34.68	136.15 3.16 -100.63	132.81 3.40 -97.28	146.60 3.00 -114.58	145.83 6.00 -83.74	153.19 2.90 -121.13	142.27 3.21 -108.19	99.38 3.65 -60.81	127.86 3.71 -90.25	113.71 3.57 -76.28	123.67 2.87 -91.83	126.34 2.93 -94.14	117.33 3.37 -82.86	133.74 3.50 -100.35	141.96 3.38 -110.67	166.44 4.14 -126.25	148.97 4.59 -108.47	145.22 3.36 -113.82	153.76 3.12 -123.95	132.91 2.98 -104.42	150.57 2.53 -126.19	169.40 -0.65 -175.96
WALDENNY_12_KV_BK2 80841	91.25 -4.74 -1.82	95.02 -5.40 -0.90	83.11 -5.51 -6.17	47.96 -2.13 -17.73	47.23 -2.05 -17.15	47.53 -1.76 -20.28	66.72 -4.23 -14.87	48.02 -2.64 -21.51	47.39 -2.68 -19.21	42.06 -3.31 -10.46	45.16 -3.57 -14.82	43.02 -3.76 -12.92	41.87 -3.31 -16.20	41.14 -3.19 -15.06	42.30 -3.27 -14.46	44.44 -3.07 -17.62	44.56 -3.01 -19.65	54.20 -3.73 -21.87	50.75 -3.55 -18.38	44.45 -2.70 -19.11	43.08 -2.60 -19.00	40.20 -2.71 -17.40	41.98 -2.28 -22.40	25.93 0.61 -31.24
WALDEN__HYDRO 24148	111.80 7.81 -9.83	113.50 7.74 -6.25	122.45 6.33 -33.67	131.99 2.46 -97.16	128.53 2.47 -93.93	141.69 2.04 -110.63	141.31 4.36 -80.86	148.44 2.32 -116.96	137.78 2.45 -104.47	96.33 2.87 -58.55	123.70 2.77 -87.03	109.97 2.75 -73.35	119.92 2.33 -88.62	121.79 2.40 -90.12	113.58 2.59 -79.89	129.18 2.49 -96.79	137.13 2.36 -106.85	160.82 3.12 -121.64	143.36 3.13 -104.31	137.55 2.40 -107.11	132.28 2.26 -103.34	122.26 2.13 -94.62	145.49 1.79 -121.85	163.53 -0.45 -169.90
WARRENSBURG____ 23737	147.91 8.35 -45.40	145.17 8.69 -36.97	160.02 7.16 -70.41	171.16 2.81 -136.00	166.27 2.67 -131.47	185.89 2.02 -154.85	172.94 3.67 -113.19	196.31 1.80 -165.35	182.58 1.87 -149.85	115.53 1.90 -78.72	155.35 1.69 -119.75	132.13 1.64 -96.63	154.60 1.38 -124.25	142.57 1.36 -111.93	142.01 1.51 -109.40	164.95 1.53 -133.53	179.02 1.53 -149.57	203.11 2.09 -164.96	175.36 2.06 -137.39	173.28 1.57 -143.67	172.81 1.46 -144.66	159.31 1.35 -132.45	193.51 1.10 -170.56	231.67 -0.24 -237.83
WATERSIDE____6 8 9 23538	112.39 8.31 -9.92	113.80 8.05 -6.24	123.81 6.69 -34.67	135.53 2.56 -100.61	131.97 2.57 -97.26	145.66 2.08 -114.56	144.31 4.49 -83.73	152.67 2.39 -121.11	141.64 2.58 -108.18	100.18 3.18 -62.08	158.00 3.16 -120.93	157.43 3.22 -120.34	156.19 2.73 -124.49	150.36 2.82 -118.27	148.21 3.02 -114.09	156.24 2.82 -123.53	156.37 2.58 -125.87	168.86 3.26 -129.54	147.65 3.28 -108.45	141.62 2.50 -111.08	135.14 2.38 -106.08	124.41 2.29 -96.61	149.87 1.94 -126.08	169.53 -0.49 -175.94
WATKINRD_115KV_LN8_ILLION 55919	96.57 2.41 0.00	101.89 2.38 0.00	84.39 1.94 0.00	33.12 0.76 0.00	32.88 0.75 0.00	29.54 0.36 -0.15	57.05 0.88 -0.09	29.62 0.46 0.00	31.33 0.46 0.00	35.38 0.46 0.00	34.37 0.31 -0.16	34.12 0.26 0.00	29.18 0.21 0.00	29.68 0.24 -0.18	33.63 0.34 -2.18	31.02 0.42 -0.71	28.58 0.42 -0.25	36.69 0.64 0.00	36.49 0.58 0.00	28.48 0.44 0.00	27.09 0.41 0.00	25.88 0.37 0.00	22.15 0.30 0.00	-6.01 -0.10 0.00
WATSON__69_KV_BK 1 55734	116.16 12.08 -9.92	117.51 11.76 -6.24	126.43 9.31 -34.68	136.51 3.52 -100.63	133.08 3.67 -97.28	146.82 3.22 -114.58	146.56 6.73 -83.74	153.73 3.43 -121.13	142.75 3.69 -108.19	100.00 4.27 -60.81	128.29 4.14 -90.25	114.18 4.04 -76.28	124.08 3.28 -91.83	126.74 3.33 -94.14	117.71 3.75 -82.86	134.01 3.77 -100.35	142.17 3.59 -110.67	166.79 4.48 -126.25	149.20 4.82 -108.47	145.37 3.66 -113.67	154.05 3.43 -123.94	133.17 3.24 -104.42	150.74 2.70 -126.19	169.36 -0.69 -175.96
WDELAWARE__HYD 323627	111.43 7.51 -9.75	113.23 7.40 -6.32	120.62 6.01 -32.15	126.52 2.36 -91.80	123.28 2.41 -88.74	135.58 2.04 -104.52	136.91 4.43 -76.39	142.05 2.39 -110.50	132.07 2.51 -98.69	92.83 2.87 -55.04	118.63 2.70 -82.04	105.21 2.55 -68.79	114.78 2.17 -83.64	115.34 2.26 -83.80	108.89 2.50 -75.28	123.63 2.45 -91.29	131.26 2.38 -100.95	153.76 3.22 -114.49	136.79 3.03 -97.85	131.05 2.32 -100.68	126.48 2.16 -97.64	116.90 2.00 -89.40	138.61 1.64 -115.12	154.21 -0.39 -160.52

WEST BABYLON___JC 23714	115.58 11.50 -9.92	116.93 11.18 -6.24	126.02 8.90 -34.68	136.35 3.36 -100.63	132.90 3.49 -97.28	146.64 3.04 -114.58	146.21 6.39 -83.74	153.58 3.29 -121.13	142.59 3.53 -108.19	99.82 4.10 -60.81	128.14 3.99 -90.25	114.03 3.89 -76.28	123.96 3.16 -91.83	126.59 3.18 -94.14	117.53 3.56 -82.86	133.79 3.55 -100.35	141.93 3.34 -110.67	166.46 4.16 -126.25	148.86 4.48 -108.47	144.87 3.42 -113.41	153.80 3.21 -123.91	132.98 3.05 -104.42	150.59 2.54 -126.19	169.39 -0.66 -175.96
WEST CANADA___HYD 24049	95.00 0.84 0.00	100.30 0.79 0.00	83.11 0.66 0.00	32.62 0.26 0.00	32.38 0.25 0.00	29.21 0.03 -0.15	56.23 0.06 -0.09	29.19 0.03 0.00	30.90 0.03 0.00	34.92 0.01 0.00	34.06 0.00 -0.16	33.90 0.03 0.00	29.00 0.03 0.00	29.47 0.03 -0.18	33.32 0.03 -2.18	30.64 0.03 -0.71	28.20 0.03 -0.25	36.09 0.04 0.00	35.94 0.02 0.00	28.05 0.01 0.00	26.68 0.00 0.00	25.52 0.01 0.00	21.87 0.02 0.00	-5.92 -0.01 0.00
WESTERN_NY_WIND 24143	92.26 -3.45 -1.55	96.31 -3.97 -0.77	83.62 -4.13 -5.30	46.04 -1.62 -15.30	45.45 -1.48 -14.79	45.33 -1.22 -17.53	66.08 -2.88 -12.88	45.89 -1.89 -18.63	45.61 -1.89 -16.64	41.60 -2.37 -9.05	44.39 -2.65 -13.14	42.15 -2.90 -11.18	40.42 -2.58 -14.03	39.83 -2.48 -13.04	41.12 -2.51 -12.53	42.82 -2.33 -15.25	42.70 -2.23 -17.01	52.33 -2.66 -18.94	49.34 -2.49 -15.92	42.68 -1.91 -16.55	41.26 -1.88 -16.45	38.54 -2.04 -15.07	39.49 -1.76 -19.40	21.61 0.47 -27.05
WESTOVER___LESR 323668	98.25 0.21 -3.88	102.03 0.00 -2.53	94.28 -0.43 -12.26	66.80 -0.12 -34.55	65.51 -0.03 -33.41	68.22 -0.14 -39.34	84.56 -0.25 -28.73	70.48 -0.24 -41.55	67.75 -0.24 -37.12	54.86 -0.26 -20.21	64.27 -0.29 -30.66	58.52 -0.31 -24.96	60.04 -0.24 -31.31	58.20 -0.20 -29.13	58.99 -0.06 -27.95	63.88 -0.05 -34.04	65.75 -0.13 -37.96	78.23 -0.09 -42.27	71.27 -0.17 -35.53	64.83 -0.15 -36.94	63.26 -0.14 -36.72	58.93 -0.19 -33.62	65.00 -0.14 -43.29	54.50 0.05 -60.36
WETHRSFD_WT_PWR 323626	91.48 -4.77 -2.10	94.97 -5.58 -1.04	83.80 -5.67 -7.02	50.35 -2.15 -20.13	49.53 -2.06 -19.46	50.15 -1.87 -23.00	68.63 -4.30 -16.85	50.92 -2.61 -24.38	49.90 -2.74 -21.77	43.41 -3.36 -11.85	44.76 -3.67 -14.52	44.60 -3.90 -14.64	43.94 -3.40 -18.36	43.09 -3.26 -17.08	44.23 -3.27 -16.40	46.77 -3.09 -19.97	47.22 -2.97 -22.27	57.26 -3.59 -24.79	53.36 -3.40 -20.83	47.02 -2.59 -21.57	45.76 -2.46 -21.54	42.73 -2.50 -19.72	45.16 -2.08 -25.40	30.06 0.57 -35.41
WHAVSTOR_138KV_BK127 55557	110.57 6.83 -9.58	112.22 6.68 -6.03	121.42 5.50 -33.47	131.58 2.11 -97.10	128.13 2.13 -93.87	141.31 1.72 -110.56	140.59 3.69 -80.81	147.99 1.94 -116.89	137.32 2.06 -104.40	96.06 2.53 -58.61	123.47 2.53 -87.04	109.90 2.55 -73.49	119.72 2.15 -88.59	122.05 2.23 -90.55	113.39 2.37 -79.92	128.91 2.22 -96.80	136.76 2.05 -106.79	160.44 2.66 -121.73	143.10 2.68 -104.51	137.33 2.05 -107.24	131.90 1.94 -103.28	121.93 1.85 -94.56	145.20 1.57 -121.77	163.49 -0.40 -169.80
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	110.57 6.83 -9.58	112.22 6.68 -6.03	121.42 5.50 -33.47	131.58 2.11 -97.10	128.13 2.13 -93.87	141.31 1.72 -110.56	140.59 3.69 -80.81	147.99 1.94 -116.89	137.32 2.06 -104.40	96.06 2.53 -58.61	123.47 2.53 -87.04	109.90 2.55 -73.49	119.72 2.15 -88.59	122.05 2.23 -90.55	113.39 2.37 -79.92	128.91 2.22 -96.80	136.76 2.05 -106.79	160.44 2.66 -121.73	143.10 2.68 -104.51	137.33 2.05 -107.24	131.90 1.94 -103.28	121.93 1.85 -94.56	145.20 1.57 -121.77	163.49 -0.40 -169.80
WHITEHAL_115KV_TB1 80871	150.43 11.22 -45.05	147.99 11.82 -36.67	162.42 9.86 -70.11	172.01 3.81 -135.84	167.21 3.76 -131.32	186.66 2.96 -154.67	174.89 5.76 -113.05	197.26 2.76 -165.34	183.84 2.91 -150.07	116.41 2.85 -78.63	156.09 2.56 -119.63	133.08 2.68 -96.53	155.58 2.38 -124.23	143.56 2.24 -112.05	142.87 2.50 -109.28	165.58 2.31 -133.37	179.51 2.20 -149.40	203.94 3.11 -164.78	176.27 3.11 -137.24	173.94 2.39 -143.51	173.42 2.25 -144.49	159.89 2.09 -132.30	193.98 1.78 -170.36	231.30 -0.33 -237.54
WHITEPLN_13_KV_LOAD 356215	112.71 8.66 -9.90	114.31 8.58 -6.22	124.05 7.00 -34.60	135.47 2.70 -100.41	131.92 2.73 -97.07	145.59 2.24 -114.33	144.44 4.79 -83.56	152.60 2.57 -120.87	141.57 2.74 -107.96	98.89 3.30 -60.67	127.20 3.25 -90.05	113.21 3.24 -76.11	123.35 2.75 -91.63	126.01 2.82 -93.92	116.80 3.02 -82.68	132.88 2.86 -100.13	141.00 2.66 -110.43	165.49 3.46 -125.97	147.61 3.48 -108.22	141.70 2.66 -111.00	135.98 2.51 -106.80	125.67 2.37 -97.79	149.78 2.01 -125.92	169.16 -0.51 -175.58
WM_FLOYD_69_KV_BK2 356380	115.73 11.65 -9.92	116.98 11.24 -6.24	125.77 8.65 -34.68	136.16 3.17 -100.63	132.85 3.44 -97.28	146.62 3.02 -114.58	146.06 6.23 -83.74	153.33 3.04 -121.13	142.39 3.33 -108.19	99.53 3.80 -60.81	127.92 3.77 -90.25	113.78 3.64 -76.28	123.73 2.93 -91.83	126.40 2.99 -94.14	117.40 3.43 -82.86	133.79 3.55 -100.35	142.01 3.43 -110.67	166.57 4.27 -126.25	149.02 4.63 -108.47	145.29 3.44 -113.81	153.84 3.20 -123.95	132.98 3.05 -104.42	150.60 2.56 -126.19	169.39 -0.65 -175.96
WOODARD___115KV_TB2 355635	93.15 -1.01 0.00	98.28 -1.22 0.00	83.91 -1.23 -2.68	41.81 -0.41 -9.86	41.24 -0.35 -9.47	39.10 -0.39 -10.46	62.41 -0.91 -7.23	40.25 -0.48 -11.57	40.49 -0.50 -10.12	39.26 -0.59 -4.94	41.35 -0.57 -8.01	39.73 -0.58 -6.44	36.89 -0.48 -8.40	36.51 -0.49 -7.72	38.16 -0.52 -7.58	38.78 -0.49 -9.38	38.79 -0.47 -11.34	48.10 -0.57 -12.62	45.94 -0.58 -10.60	38.63 -0.44 -11.03	36.44 -0.42 -10.18	34.29 -0.43 -9.21	33.62 -0.39 -12.15	11.90 0.11 -17.71
YORK___WARBASSE 23770	112.92 8.85 -9.92	114.34 8.59 -6.24	124.25 7.13 -34.67	135.72 2.74 -100.61	132.16 2.76 -97.27	145.83 2.25 -114.56	144.59 4.77 -83.74	152.79 2.52 -121.11	141.76 2.71 -108.18	102.59 3.32 -64.35	165.63 3.29 -128.43	173.97 3.32 -136.79	164.27 2.83 -132.48	156.35 2.92 -124.16	155.94 3.12 -121.72	162.01 2.92 -129.19	160.18 2.67 -129.59	169.84 3.43 -130.35	147.85 3.48 -108.46	142.70 2.67 -111.99	140.88 2.57 -111.63	132.75 2.47 -104.77	150.59 2.08 -126.66	169.49 -0.53 -175.94