

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/18/2022

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	109.58	127.72	117.84	104.68	119.60	109.24	114.00	138.82	133.19	125.31	131.48	147.22	114.39	114.74	109.03	103.14	154.06	116.31	180.69	214.55	304.87	88.25	85.33	92.05
	-0.67	-0.95	-1.72	-1.00	-1.12	0.46	1.46	1.94	1.63	1.93	2.62	2.26	2.38	1.75	-0.23	1.90	5.64	9.04	14.88	17.62	23.98	5.39	1.55	3.87
	-118.37	-140.82	-142.51	-118.60	-135.34	-103.51	-96.49	-115.76	-114.49	-104.04	-103.82	-123.68	-90.89	-96.87	-111.37	-83.43	-88.62	-8.57	0.00	0.00	0.00	-28.26	-67.10	-41.44
74TH STREET_GT_1 24260	109.59	127.72	117.83	104.68	119.59	109.26	114.03	138.88	133.23	125.35	131.52	147.25	114.42	114.76	109.05	103.16	154.13	116.46	180.94	214.90	305.38	88.32	85.37	92.14
	-0.68	-0.97	-1.75	-1.02	-1.15	0.47	1.49	1.98	1.66	1.96	2.64	2.27	2.40	1.77	-0.23	1.91	5.70	9.20	15.14	17.97	24.49	5.45	1.57	3.96
	-118.39	-140.84	-142.53	-118.62	-135.36	-103.53	-96.50	-115.78	-114.51	-104.05	-103.84	-123.70	-90.90	-96.88	-111.38	-83.44	-88.63	-8.57	0.00	0.00	0.00	-28.26	-67.11	-41.45
74TH STREET_GT_2 24261	109.59	127.72	117.83	104.68	119.59	109.26	114.03	138.88	133.23	125.35	131.52	147.25	114.42	114.76	109.05	103.16	154.13	116.46	180.94	214.90	305.38	88.32	85.37	92.14
	-0.68	-0.97	-1.75	-1.02	-1.15	0.47	1.49	1.98	1.66	1.96	2.64	2.27	2.40	1.77	-0.23	1.91	5.70	9.20	15.14	17.97	24.49	5.45	1.57	3.96
	-118.39	-140.84	-142.53	-118.62	-135.36	-103.53	-96.50	-115.78	-114.51	-104.05	-103.84	-123.70	-90.90	-96.88	-111.38	-83.44	-88.63	-8.57	0.00	0.00	0.00	-28.26	-67.11	-41.45
ADK HUDSON___FALLS 24011	159.47	187.01	177.52	154.55	176.51	153.16	155.22	188.91	182.61	170.21	176.28	200.36	153.28	156.17	156.68	138.97	193.92	123.00	185.69	220.55	313.38	101.26	114.38	110.99
	-0.88	-1.27	-2.36	-1.33	-1.50	0.57	1.81	2.49	2.05	2.31	2.99	2.46	2.37	1.73	-0.24	2.02	7.57	12.07	19.89	23.62	32.49	6.31	1.87	5.08
	-168.47	-200.43	-202.83	-168.80	-192.63	-147.32	-137.37	-165.30	-163.49	-148.56	-148.26	-176.61	-129.79	-138.33	-159.03	-119.14	-126.54	-12.24	0.00	0.00	0.00	-40.35	-95.82	-59.18
ADK RESOURCE___RCVRY 23798	159.59	187.13	177.57	154.64	176.61	153.36	155.50	189.31	182.98	170.60	176.75	200.80	153.64	156.43	156.82	139.26	194.87	124.07	187.39	222.58	316.20	101.86	114.62	111.44
	-0.94	-1.36	-2.52	-1.42	-1.60	0.61	1.95	2.71	2.27	2.55	3.30	2.73	2.60	1.85	-0.26	2.19	8.39	13.12	21.58	25.65	35.31	6.86	2.03	5.47
	-168.65	-200.64	-203.05	-168.98	-192.83	-147.47	-137.51	-165.47	-163.65	-148.71	-148.41	-176.79	-129.92	-138.47	-159.19	-119.26	-126.67	-12.25	0.00	0.00	0.00	-40.39	-95.91	-59.24
ADK S GLENS___FALLS 24028	159.47	187.01	177.52	154.55	176.51	153.16	155.22	188.91	182.61	170.21	176.28	200.36	153.28	156.17	156.68	138.97	193.92	123.00	185.69	220.55	313.38	101.26	114.38	110.99
	-0.88	-1.27	-2.36	-1.33	-1.50	0.57	1.81	2.49	2.05	2.31	2.99	2.46	2.37	1.73	-0.24	2.02	7.57	12.07	19.89	23.62	32.49	6.31	1.87	5.08
	-168.47	-200.43	-202.83	-168.80	-192.63	-147.32	-137.37	-165.30	-163.49	-148.56	-148.26	-176.61	-129.79	-138.33	-159.03	-119.14	-126.54	-12.24	0.00	0.00	0.00	-40.35	-95.82	-59.18
ADK_NYS___DAM 23527	150.03	175.79	166.26	145.12	165.77	144.75	146.45	169.64	163.70	152.96	158.89	179.92	138.16	140.28	138.93	125.05	177.24	117.72	179.51	213.34	303.54	95.13	103.17	103.09
	-0.79	-1.15	-2.14	-1.21	-1.34	0.50	1.45	1.73	1.46	1.70	2.21	1.81	1.79	1.34	-0.17	1.45	5.07	8.16	13.71	16.41	22.65	4.70	1.40	3.81
	-158.94	-189.09	-191.36	-159.25	-181.73	-138.99	-128.95	-146.78	-145.17	-131.92	-131.65	-156.83	-115.25	-122.83	-141.21	-105.79	-112.37	-10.87	0.00	0.00	0.00	-35.83	-85.08	-52.55
AIR_PRODUCTS___DRP 24190	147.65	173.05	163.78	142.87	163.19	142.33	144.52	175.54	169.47	158.06	163.72	186.02	142.47	145.28	145.15	129.27	180.02	115.14	174.28	206.96	294.39	94.76	106.52	104.68
	-0.57	-0.80	-1.49	-0.85	-0.94	0.35	1.02	1.21	0.89	1.04	1.27	1.05	1.07	0.96	-0.12	1.04	2.93	5.10	8.48	10.03	13.50	2.76	1.03	3.10
	-156.34	-186.00	-188.23	-156.64	-178.76	-136.71	-127.46	-153.20	-151.52	-137.69	-137.41	-163.68	-120.29	-128.20	-147.39	-110.42	-117.28	-11.34	0.00	0.00	0.00	-37.40	-88.80	-54.85
ALBANY___1 23571	147.65	173.05	163.78	142.87	163.19	142.33	144.52	175.54	169.47	158.06	163.72	186.02	142.47	145.28	145.15	129.27	180.02	115.14	174.28	206.96	294.39	94.76	106.52	104.68
	-0.57	-0.80	-1.49	-0.85	-0.94	0.35	1.02	1.21	0.89	1.04	1.27	1.05	1.07	0.96	-0.12	1.04	2.93	5.10	8.48	10.03	13.50	2.76	1.03	3.10
	-156.34	-186.00	-188.23	-156.64	-178.76	-136.71	-127.46	-153.20	-151.52	-137.69	-137.41	-163.68	-120.29	-128.20	-147.39	-110.42	-117.28	-11.34	0.00	0.00	0.00	-37.40	-88.80	-54.85
ALBANY___2 23572	147.65	173.05	163.78	142.87	163.19	142.33	144.52	175.54	169.47	158.06	163.72	186.02	142.47	145.28	145.15	129.27	180.02	115.14	174.28	206.96	294.39	94.76	106.52	104.68
	-0.57	-0.80	-1.49	-0.85	-0.94	0.35	1.02	1.21	0.89	1.04	1.27	1.05	1.07	0.96	-0.12	1.04	2.93	5.10	8.48	10.03	13.50	2.76	1.03	3.10
	-156.34	-186.00	-188.23	-156.64	-178.76	-136.71	-127.46	-153.20	-151.52	-137.69	-137.41	-163.68	-120.29	-128.20	-147.39	-110.42	-117.28	-11.34	0.00	0.00	0.00	-37.40	-88.80	-54.85
ALBANY___3 23573	147.65	173.05	163.78	142.87	163.19	142.33	144.52	175.54	169.47	158.06	163.72	186.02	142.47	145.28	145.15	129.27	180.02	115.14	174.28	206.96	294.39	94.76	106.52	104.68
	-0.57	-0.80	-1.49	-0.85	-0.94	0.35	1.02	1.21	0.89	1.04	1.27	1.05	1.07	0.96	-0.12	1.04	2.93	5.10	8.48	10.03	13.50	2.76	1.03	3.10
	-156.34	-186.00	-188.23	-156.64	-178.76	-136.71	-127.46	-153.20	-151.52	-137.69	-137.41	-163.68	-120.29	-128.20	-147.39	-110.42	-117.28	-11.34	0.00	0.00	0.00	-37.40	-88.80	-54.85
ALBANY___4 23574	147.65	173.05	163.78	142.87	163.19	142.33	144.52	175.54	169.47	158.06	163.72	186.02	142.47	145.28	145.15	129.27	180.02	115.14	174.28	206.96	294.39	94.76	106.52	104.68
	-0.57	-0.80	-1.49	-0.85	-0.94	0.35	1.02	1.21	0.89	1.04	1.27	1.05	1.07	0.96	-0.12	1.04	2.93	5.10	8.48	10.03	13.50	2.76	1.03	3.10
	-156.34	-186.00	-188.23	-156.64	-178.76	-136.71	-127.46	-153.20	-151.52	-137.69	-137.41	-163.68	-120.29	-128.20	-147.39	-110.42	-117.28	-11.34	0.00	0.00	0.00	-37.40	-88.80	-54.85



ALBANY___LFGE 323615	151.17 -0.63 -159.93	177.22 -0.89 -190.26	167.91 -1.68 -192.55	146.36 -0.96 -160.24	167.17 -1.07 -182.86	145.52 0.40 -139.85	147.61 1.18 -130.39	179.32 1.45 -156.75	173.20 1.11 -155.03	161.51 1.29 -140.88	167.24 1.62 -140.59	190.11 1.34 -167.47	145.55 1.36 -123.08	148.44 1.16 -131.17	148.54 -0.15 -150.80	132.04 1.26 -112.97	183.63 3.83 -120.00	116.78 6.48 -11.61	176.53 10.73 0.00	209.60 12.67 0.00	298.04 17.15 0.00	96.33 3.47 -38.26	108.75 1.20 -90.86	106.36 3.50 -56.12
ALCOA_RYNLDS___DRP 24188	-7.89 0.23 0.00	-11.82 0.33 0.00	-22.37 0.59 0.00	-12.55 0.36 0.00	-14.23 0.39 0.00	5.11 -0.16 0.00	15.55 -0.49 0.00	20.51 -0.62 0.00	16.62 -0.44 0.00	18.79 -0.55 0.00	24.26 -0.78 0.00	20.63 -0.66 0.00	20.45 -0.66 0.00	15.57 -0.54 0.00	-2.03 0.08 0.00	17.19 -0.62 0.00	58.27 -1.53 0.00	97.37 -1.33 0.00	162.67 -2.10 1.04	195.14 -1.79 0.00	279.52 -1.37 0.00	53.87 -0.74 0.00	16.46 -0.22 0.00	46.78 0.05 0.00
ALCOA___DSASP 323711	-7.89 0.23 0.00	-11.82 0.33 0.00	-22.37 0.59 0.00	-12.55 0.36 0.00	-14.23 0.39 0.00	5.11 -0.16 0.00	15.55 -0.49 0.00	20.51 -0.62 0.00	16.62 -0.44 0.00	18.79 -0.55 0.00	24.26 -0.78 0.00	20.63 -0.66 0.00	20.45 -0.66 0.00	15.57 -0.54 0.00	-2.03 0.08 0.00	17.19 -0.62 0.00	58.27 -1.53 0.00	97.37 -1.33 0.00	162.67 -2.10 1.04	195.14 -1.79 0.00	279.52 -1.37 0.00	53.87 -0.74 0.00	16.46 -0.22 0.00	46.78 0.05 0.00
ALLEGHENY___COGEN 23514	12.46 -0.22 -20.80	12.31 -0.29 -24.75	1.67 -0.43 -25.05	7.64 -0.29 -20.84	8.82 -0.34 -23.78	23.66 0.19 -18.19	33.63 0.60 -16.98	42.61 0.88 -20.61	38.11 0.66 -20.38	38.68 0.82 -18.52	44.53 1.01 -18.48	43.21 -0.10 -22.02	36.96 -0.33 -16.18	33.12 -0.24 -17.24	17.75 0.04 -19.82	32.48 -0.18 -14.85	74.44 -1.15 -15.78	96.24 -3.98 -1.53	160.05 -5.75 0.00	190.91 -6.02 0.00	270.99 -9.89 0.00	57.13 -2.51 -5.03	28.65 0.02 -11.94	54.36 0.25 -7.38
ALTONA_WT_PWR 323606	-7.87 0.25 0.00	-11.91 0.24 0.00	-22.87 0.09 0.00	-12.66 0.26 0.00	-14.48 0.14 0.00	5.14 -0.13 0.00	15.69 -0.35 0.00	20.84 -0.29 0.00	16.70 -0.36 0.00	18.82 -0.53 0.00	24.22 -0.82 0.00	20.54 -0.75 0.00	20.30 -0.81 0.00	15.43 -0.69 0.00	-1.99 0.12 0.00	16.97 -0.83 0.00	58.42 -1.39 0.00	96.78 -1.92 0.00	161.18 -2.35 2.28	197.75 0.83 0.00	285.75 4.86 0.00	55.38 0.78 0.00	16.98 0.29 0.00	48.01 1.28 0.00
AMERICAN_REF_FUEL 24010	11.27 0.46 -18.93	11.08 0.72 -22.52	1.27 1.43 -22.79	6.78 0.73 -18.96	7.91 0.89 -21.64	21.55 -0.27 -16.55	30.48 -0.98 -15.41	38.23 -1.45 -18.56	34.10 -1.32 -18.35	34.62 -1.40 -16.68	39.77 -1.91 -16.65	39.36 -1.76 -19.83	33.90 -1.79 -14.57	30.24 -1.41 -15.53	15.92 0.18 -17.85	29.72 -1.47 -13.38	68.75 -5.26 -14.21	90.05 -10.02 -1.37	149.29 -16.52 0.00	176.32 -20.61 0.00	252.39 -28.50 0.00	53.41 -5.72 -4.53	25.66 -1.78 -10.76	48.61 -4.77 -6.64
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.46 0.28 -21.30	13.70 0.50 -25.35	3.75 1.05 -25.65	8.94 0.51 -21.34	10.38 0.64 -24.36	23.74 -0.16 -18.63	32.96 -0.47 -17.38	41.79 -0.48 -21.15	37.70 -0.27 -20.91	38.12 -0.23 -19.01	43.72 -0.28 -18.97	43.57 -0.31 -22.59	37.58 -0.14 -16.60	33.75 -0.06 -17.70	18.25 0.01 -20.34	33.09 0.04 -15.24	75.39 -0.60 -16.19	97.55 -2.71 -1.57	159.24 -6.57 0.00	185.39 -11.54 0.00	263.66 -17.23 0.00	55.72 -4.05 -5.16	27.54 -1.41 -12.26	50.57 -3.73 -7.57
ARTHUR_KILL_GT_1 23520	109.64 -0.62 -118.39	127.81 -0.88 -140.84	117.97 -1.61 -142.53	104.76 -0.94 -118.62	119.71 -1.04 -135.36	109.23 0.44 -103.53	110.95 1.34 -93.57	109.93 1.75 -87.06	116.17 1.48 -97.63	111.41 1.75 -90.32	126.42 2.39 -98.99	147.05 2.07 -123.69	114.22 2.21 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.38	102.99 1.74 -83.44	148.50 5.10 -83.60	110.19 8.19 -3.30	175.44 13.50 3.87	213.04 16.12 0.01	302.71 21.82 0.00	88.08 5.21 -28.26	85.35 1.56 -67.11	91.98 3.80 -41.45
ARTHUR_KILL_2 23512	109.66 -0.60 -118.39	127.84 -0.85 -140.84	118.03 -1.55 -142.53	104.79 -0.91 -118.62	119.75 -0.99 -135.36	109.22 0.42 -103.53	110.90 1.29 -93.57	109.87 1.69 -87.06	116.12 1.43 -97.63	111.35 1.70 -90.32	126.35 2.32 -98.99	146.98 2.01 -123.69	114.15 2.14 -90.90	114.55 1.56 -96.88	109.07 -0.20 -111.38	102.94 1.69 -83.44	148.32 4.92 -83.60	109.89 7.89 -3.30	174.94 13.01 3.87	212.44 15.52 0.01	301.87 20.98 0.00	87.90 5.04 -28.26	85.31 1.51 -67.11	91.84 3.66 -41.45
ARTHUR_KILL_3 23513	109.68 -0.57 -118.38	127.87 -0.81 -140.83	118.14 -1.43 -142.52	104.86 -0.83 -118.61	119.79 -0.94 -135.35	109.18 0.39 -103.51	110.85 1.25 -93.56	109.82 1.65 -87.06	123.02 1.39 -104.56	125.03 1.65 -104.04	126.63 2.24 -99.35	146.92 1.94 -123.69	114.10 2.09 -90.90	114.52 1.53 -96.88	109.07 -0.19 -111.37	102.89 1.64 -83.44	153.17 4.74 -88.62	114.91 7.64 -8.57	178.40 12.59 0.00	211.93 15.01 0.00	301.36 20.47 0.00	87.62 4.76 -28.26	85.15 1.36 -67.10	91.56 3.38 -41.44
ARTHUR_KILL_COGEN 323718	109.64 -0.62 -118.39	127.81 -0.88 -140.84	117.97 -1.61 -142.53	104.76 -0.94 -118.62	119.71 -1.04 -135.36	109.23 0.44 -103.53	110.95 1.34 -93.57	109.93 1.75 -87.06	116.17 1.48 -97.63	111.41 1.75 -90.32	126.42 2.39 -98.99	147.05 2.07 -123.69	114.22 2.21 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.38	102.99 1.74 -83.44	148.50 5.10 -83.60	110.19 8.19 -3.30	175.44 13.50 3.87	213.04 16.12 0.01	302.71 21.82 0.00	88.08 5.21 -28.26	85.35 1.56 -67.11	91.98 3.80 -41.45
ASHOKAN____ 23654	117.09 -0.67 -125.88	136.63 -0.97 -149.76	126.81 -1.79 -151.55	112.18 -1.02 -126.12	128.13 -1.17 -143.93	115.81 0.46 -110.07	120.15 1.49 -102.61	146.27 1.98 -123.16	140.51 1.64 -121.81	131.94 1.91 -110.69	138.10 2.60 -110.46	155.05 2.17 -131.59	119.91 2.09 -96.70	120.74 1.56 -103.06	116.18 -0.20 -118.49	108.32 1.75 -88.77	160.10 6.01 -94.28	118.01 10.19 -9.12	183.13 17.32 0.00	217.33 20.40 0.00	308.94 28.05 0.00	90.22 5.56 -30.06	89.70 1.63 -71.39	95.04 4.21 -44.09
ASTORIA_EAST_ENERGY_CC1 323581	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.43 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.75 -83.44	153.63 5.20 -88.63	115.68 8.41 -8.57	179.51 13.71 0.00	213.14 16.22 0.00	302.86 21.97 0.00	88.00 5.14 -28.26	85.25 1.46 -67.11	91.71 3.53 -41.45
ASTORIA_EAST_ENERGY_CC2 323582	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.97 -1.61 -142.53	104.75 -0.94 -118.62	119.70 -1.05 -135.36	109.23 0.44 -103.53	113.94 1.39 -96.50	138.77 1.87 -115.78	133.13 1.56 -114.51	125.19 1.79 -104.05	131.31 2.43 -103.84	147.09 2.11 -123.70	114.28 2.26 -90.90	114.64 1.64 -96.88	109.06 -0.21 -111.38	103.00 1.75 -83.44	153.63 5.19 -88.63	115.68 8.41 -8.57	179.51 13.71 0.00	213.14 16.22 0.00	302.86 21.97 0.00	88.00 5.13 -28.26	85.25 1.46 -67.11	91.71 3.53 -41.45
ASTORIA_GT2_I 24094	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45



ASTORIA_GT2_2 24095	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT2_3 24096	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT2_4 24097	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT3_1 24098	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT3_2 24099	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT3_3 24100	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT3_4 24101	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT4_1 24102	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT4_2 24103	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT4_3 24104	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT4_4 24105	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA_GT_1 23523	109.62 -0.65 -118.39	127.76 -0.92 -140.84	117.92 -1.66 -142.53	104.72 -0.97 -118.62	119.66 -1.08 -135.36	109.25 0.45 -103.53	113.98 1.43 -96.50	138.81 1.91 -115.78	133.17 1.60 -114.51	125.24 1.84 -104.05	131.37 2.49 -103.84	147.15 2.17 -123.70	114.34 2.32 -90.90	114.68 1.68 -96.88	109.06 -0.22 -111.38	103.04 1.79 -83.44	153.80 5.36 -88.63	115.94 8.67 -8.57	179.95 14.14 0.00	213.63 16.70 0.00	303.54 22.65 0.00	88.13 5.26 -28.26	85.28 1.49 -67.11	91.80 3.63 -41.45
ASTORIA_GT_10 24110	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.12 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
ASTORIA_GT_11 24225	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.12 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
ASTORIA_GT_12 24226	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.12 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45



ASTORIA_GT_13 24227	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.12 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
ASTORIA_GT_5 24106	109.62 -0.65 -118.39	127.76 -0.92 -140.84	117.92 -1.66 -142.53	104.72 -0.97 -118.62	119.66 -1.08 -135.36	109.25 0.45 -103.53	113.98 1.43 -96.50	138.81 1.91 -115.78	133.17 1.60 -114.51	125.24 1.84 -104.05	131.37 2.49 -103.84	147.15 2.17 -123.70	114.34 2.32 -90.90	114.68 1.68 -96.88	109.06 -0.22 -111.38	103.04 1.79 -83.44	153.80 5.36 -88.63	115.94 8.67 -8.57	179.95 14.14 0.00	213.63 16.70 0.00	303.54 22.65 0.00	88.13 5.26 -28.26	85.28 1.49 -67.11	91.80 3.63 -41.45
ASTORIA_GT_7 24107	109.62 -0.65 -118.39	127.76 -0.92 -140.84	117.92 -1.66 -142.53	104.72 -0.97 -118.62	119.66 -1.08 -135.36	109.25 0.45 -103.53	113.98 1.43 -96.50	138.81 1.91 -115.78	133.17 1.60 -114.51	125.24 1.84 -104.05	131.37 2.49 -103.84	147.15 2.17 -123.70	114.34 2.32 -90.90	114.68 1.68 -96.88	109.06 -0.22 -111.38	103.04 1.79 -83.44	153.80 5.36 -88.63	115.94 8.67 -8.57	179.95 14.14 0.00	213.63 16.70 0.00	303.54 22.65 0.00	88.13 5.26 -28.26	85.28 1.49 -67.11	91.80 3.63 -41.45
ASTORIA_GT_8 24108	109.62 -0.65 -118.39	127.76 -0.92 -140.84	117.92 -1.66 -142.53	104.72 -0.97 -118.62	119.66 -1.08 -135.36	109.25 0.45 -103.53	113.98 1.43 -96.50	138.81 1.91 -115.78	133.17 1.60 -114.51	125.24 1.84 -104.05	131.37 2.49 -103.84	147.15 2.17 -123.70	114.34 2.32 -90.90	114.68 1.68 -96.88	109.06 -0.22 -111.38	103.04 1.79 -83.44	153.80 5.36 -88.63	115.94 8.67 -8.57	179.95 14.14 0.00	213.63 16.70 0.00	303.54 22.65 0.00	88.13 5.26 -28.26	85.28 1.49 -67.11	91.80 3.63 -41.45
ASTORIA___2 24149	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.75 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.29 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.75 8.48 -8.57	179.61 13.80 0.00	213.23 16.31 0.00	303.00 22.11 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.72 3.53 -41.45
ASTORIA___3 23516	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.11 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
ASTORIA___4 23517	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.11 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
ASTORIA___5 23518	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.12 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
AST_ENERGY_2_CC3 323677	109.64 -0.61 -118.38	127.82 -0.86 -140.83	118.01 -1.55 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.05 1.49 -114.49	125.14 1.76 -104.04	131.25 2.39 -103.83	147.02 2.05 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.74 -83.44	153.43 5.00 -88.62	115.32 8.05 -8.57	179.08 13.27 0.00	212.67 15.74 0.00	302.37 21.48 0.00	87.83 4.96 -28.26	85.21 1.42 -67.10	91.72 3.55 -41.44
AST_ENERGY_2_CC4 323678	109.64 -0.61 -118.38	127.82 -0.86 -140.83	118.01 -1.55 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.05 1.49 -114.49	125.14 1.76 -104.04	131.25 2.39 -103.83	147.02 2.05 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.74 -83.44	153.43 5.00 -88.62	115.32 8.05 -8.57	179.08 13.27 0.00	212.67 15.74 0.00	302.37 21.48 0.00	87.83 4.96 -28.26	85.21 1.42 -67.10	91.72 3.55 -41.44
ATHENS_STG_1 23668	123.56 -0.49 -132.18	144.37 -0.73 -157.25	134.82 -1.36 -159.13	118.73 -0.78 -132.43	135.64 -0.87 -151.13	121.18 0.32 -115.58	124.78 0.99 -107.75	151.71 1.30 -129.29	146.01 1.07 -127.87	136.79 1.25 -116.20	142.65 1.66 -115.96	160.82 1.40 -138.13	124.08 1.45 -101.52	125.40 1.09 -108.19	122.13 -0.14 -124.38	112.17 1.18 -93.18	162.45 3.67 -98.97	114.14 5.88 -9.57	175.70 9.89 0.00	208.72 11.79 0.00	297.05 16.16 0.00	89.62 3.46 -31.56	92.66 1.03 -74.94	95.70 2.68 -46.29
ATHENS_STG_2 23670	123.56 -0.49 -132.18	144.37 -0.73 -157.25	134.82 -1.36 -159.13	118.73 -0.78 -132.43	135.64 -0.87 -151.13	121.18 0.32 -115.58	124.78 0.99 -107.75	151.71 1.30 -129.29	146.01 1.07 -127.87	136.79 1.25 -116.20	142.65 1.66 -115.96	160.82 1.40 -138.13	124.08 1.45 -101.52	125.40 1.09 -108.19	122.13 -0.14 -124.38	112.17 1.18 -93.18	162.45 3.67 -98.97	114.14 5.88 -9.57	175.70 9.89 0.00	208.72 11.79 0.00	297.05 16.16 0.00	89.62 3.46 -31.56	92.66 1.03 -74.94	95.70 2.68 -46.29
ATHENS_STG_3 23677	123.56 -0.49 -132.18	144.37 -0.73 -157.25	134.82 -1.36 -159.13	118.73 -0.78 -132.43	135.64 -0.87 -151.13	121.18 0.32 -115.58	124.78 0.99 -107.75	151.71 1.30 -129.29	146.01 1.07 -127.87	136.79 1.25 -116.20	142.65 1.66 -115.96	160.82 1.40 -138.13	124.08 1.45 -101.52	125.40 1.09 -108.19	122.13 -0.14 -124.38	112.17 1.18 -93.18	162.45 3.67 -98.97	114.14 5.88 -9.57	175.70 9.89 0.00	208.72 11.79 0.00	297.05 16.16 0.00	89.62 3.46 -31.56	92.66 1.03 -74.94	95.70 2.68 -46.29
AUBURN___LFGE 323710	7.03 -0.07 -15.22	5.86 -0.10 -18.11	-4.79 -0.16 -18.32	2.24 -0.09 -15.25	2.65 -0.13 -17.40	18.66 0.08 -13.31	28.72 0.25 -12.43	36.58 0.29 -15.16	32.31 0.25 -15.00	33.27 0.30 -13.63	39.00 0.36 -13.60	37.81 0.32 -16.20	33.24 0.22 -11.91	29.02 0.22 -12.69	12.44 -0.04 -14.59	28.97 0.23 -10.93	72.13 0.72 -11.61	100.64 0.82 -1.12	166.89 1.09 0.00	197.81 0.88 0.00	281.86 0.97 0.00	58.30 0.00 -3.70	25.45 -0.02 -8.79	51.97 -0.19 -5.43
BABYLON_RES_REC 323704	109.33 -0.95 -118.41	127.34 -1.38 -140.87	117.19 -2.42 -142.56	104.29 -1.44 -118.64	119.14 -1.62 -135.39	109.45 0.64 -103.55	114.57 2.00 -96.52	139.57 2.65 -115.80	133.59 2.00 -114.53	125.72 2.30 -104.07	132.91 3.17 -104.70	156.65 2.72 -132.64	123.93 2.84 -99.98	115.11 2.09 -96.91	109.03 -0.27 -111.41	106.92 2.38 -86.73	159.31 7.50 -92.01	145.22 12.10 -34.43	212.74 19.21 -27.72	218.42 21.49 0.00	309.25 28.36 0.00	89.25 6.38 -28.26	85.67 1.86 -67.12	93.17 4.98 -41.45



BARRETT_IC_1 23704	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_10 23701	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_11 23702	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_12 23703	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_2 23705	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_3 23706	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_4 23707	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_5 23708	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_6 23709	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_7 23710	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_8 23711	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT_IC_9 23700	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT___1 23545	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BARRETT___2 23546	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.63 -1.98 -142.56	104.55 -1.17 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.21 1.64 -96.52	139.09 2.17 -115.80	133.24 1.65 -114.53	125.36 1.94 -104.07	132.47 2.73 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.07 -0.23 -111.41	106.51 1.97 -86.73	157.76 5.95 -92.01	142.66 9.53 -34.43	208.84 15.32 -27.72	214.22 17.29 0.00	303.83 22.94 0.00	88.16 5.29 -28.26	85.39 1.58 -67.12	92.46 4.27 -41.45
BAYONEEC___CTG1 323682	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44



BAYONEEC___CTG10 323750	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG2 323683	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG3 323684	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG4 323685	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG5 323686	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG6 323687	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG7 323688	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG8 323689	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BAYONEEC___CTG9 323749	109.64 -0.61 -118.38	127.81 -0.87 -140.83	118.01 -1.56 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.04 1.48 -114.49	125.13 1.75 -104.04	131.25 2.39 -103.83	147.03 2.06 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.73 -83.44	153.47 5.04 -88.62	115.33 8.06 -8.57	179.08 13.27 0.00	212.80 15.87 0.00	302.60 21.71 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.75 3.57 -41.44
BEACON___LESR 323632	147.65 -0.73 -156.50	173.01 -1.02 -186.18	163.60 -1.87 -188.42	142.83 -1.06 -156.80	163.12 -1.19 -178.94	142.58 0.46 -136.85	145.05 1.41 -127.59	176.28 1.78 -153.38	170.11 1.36 -151.69	158.75 1.57 -137.84	164.63 2.03 -137.56	186.84 1.69 -163.87	143.23 1.69 -120.43	145.80 1.34 -128.35	145.26 -0.18 -147.55	129.82 1.47 -110.54	181.42 4.21 -117.41	118.10 8.05 -11.36	178.49 12.69 0.00	210.93 14.00 0.00	300.77 19.88 0.00	96.10 4.06 -37.44	106.98 1.39 -88.90	105.57 3.93 -54.91
BEAVER RIVER___HYD 24048	-5.58 -0.04 -2.59	-9.16 -0.09 -3.08	-19.96 -0.12 -3.11	-10.41 -0.09 -2.59	-11.82 -0.16 -2.96	7.65 0.11 -2.26	18.58 0.42 -2.12	23.94 0.59 -2.22	19.87 0.61 -2.20	22.03 0.69 -2.00	27.85 0.82 -1.99	24.35 0.69 -2.37	23.47 0.61 -1.75	18.39 0.41 -1.86	-0.02 -0.05 -2.14	19.89 0.48 -1.60	63.53 2.14 -1.58	103.03 4.34 0.00	178.45 8.09 -4.55	206.68 9.75 0.00	295.15 14.26 0.00	56.93 2.32 0.00	17.31 0.63 0.00	48.30 1.57 0.00
BEEBEE_GT_13 23619	6.72 0.15 -14.69	5.58 0.26 -17.48	-4.71 0.55 -17.69	2.06 0.26 -14.72	2.49 0.31 -16.80	18.05 -0.07 -12.85	27.79 -0.23 -11.98	35.28 -0.37 -14.53	31.08 -0.36 -14.37	32.06 -0.34 -13.06	37.58 -0.49 -13.03	36.30 -0.51 -15.53	31.95 -0.57 -11.41	27.83 -0.44 -12.16	11.92 0.06 -13.98	27.84 -0.44 -10.47	69.26 -1.66 -11.12	96.21 -3.56 -1.08	159.99 -5.81 0.00	189.27 -7.66 0.00	270.12 -10.77 0.00	55.82 -2.33 -3.55	24.37 -0.74 -8.42	49.79 -2.14 -5.20
BETHLEHEM___GRP 23843	147.65 -0.57 -156.34	173.05 -0.80 -186.00	163.78 -1.49 -188.23	142.87 -0.85 -156.64	163.19 -0.94 -178.76	142.33 0.35 -136.71	144.52 1.02 -127.46	175.54 1.21 -153.20	169.47 0.89 -151.52	158.06 1.04 -137.69	163.72 1.27 -137.41	186.02 1.05 -163.68	142.47 1.07 -120.29	145.28 0.96 -128.20	145.15 -0.12 -147.39	129.27 1.04 -110.42	180.02 2.93 -117.28	115.14 5.10 -11.34	174.28 8.48 0.00	206.96 10.03 0.00	294.39 13.50 0.00	94.76 2.76 -37.40	106.52 1.03 -88.80	104.68 3.10 -54.85
BETHLEHEM___GS1 323560	147.65 -0.57 -156.34	173.05 -0.80 -186.00	163.78 -1.49 -188.23	142.87 -0.85 -156.64	163.19 -0.94 -178.76	142.33 0.35 -136.71	144.52 1.02 -127.46	175.54 1.21 -153.20	169.47 0.89 -151.52	158.06 1.04 -137.69	163.72 1.27 -137.41	186.02 1.05 -163.68	142.47 1.07 -120.29	145.28 0.96 -128.20	145.15 -0.12 -147.39	129.27 1.04 -110.42	180.02 2.93 -117.28	115.14 5.10 -11.34	174.28 8.48 0.00	206.96 10.03 0.00	294.39 13.50 0.00	94.76 2.76 -37.40	106.52 1.03 -88.80	104.68 3.10 -54.85
BETHLEHEM___GS2 323561	147.65 -0.57 -156.34	173.05 -0.80 -186.00	163.78 -1.49 -188.23	142.87 -0.85 -156.64	163.19 -0.94 -178.76	142.33 0.35 -136.71	144.52 1.02 -127.46	175.54 1.21 -153.20	169.47 0.89 -151.52	158.06 1.04 -137.69	163.72 1.27 -137.41	186.02 1.05 -163.68	142.47 1.07 -120.29	145.28 0.96 -128.20	145.15 -0.12 -147.39	129.27 1.04 -110.42	180.02 2.93 -117.28	115.14 5.10 -11.34	174.28 8.48 0.00	206.96 10.03 0.00	294.39 13.50 0.00	94.76 2.76 -37.40	106.52 1.03 -88.80	104.68 3.10 -54.85



BETHLEHEM___GS3 323562	147.65 -0.57 -156.34	173.05 -0.80 -186.00	163.78 -1.49 -188.23	142.87 -0.85 -156.64	163.19 -0.94 -178.76	142.33 0.35 -136.71	144.52 1.02 -127.46	175.54 1.21 -153.20	169.47 0.89 -151.52	158.06 1.04 -137.69	163.72 1.27 -137.41	186.02 1.05 -163.68	142.47 1.07 -120.29	145.28 0.96 -128.20	145.15 -0.12 -147.39	129.27 1.04 -110.42	180.02 2.93 -117.28	115.14 5.10 -11.34	174.28 8.48 0.00	206.96 10.03 0.00	294.39 13.50 0.00	94.76 2.76 -37.40	106.52 1.03 -88.80	104.68 3.10 -54.85
BETHLEHEM___STEEL 23779	12.39 0.28 -20.24	12.36 0.44 -24.07	2.35 0.94 -24.36	7.82 0.46 -20.27	9.08 0.56 -23.14	22.81 -0.16 -17.69	31.96 -0.57 -16.48	40.47 -0.78 -20.12	36.22 -0.74 -19.90	36.65 -0.77 -18.08	42.02 -1.06 -18.04	41.76 -1.02 -21.50	35.92 -0.99 -15.80	32.19 -0.76 -16.83	17.34 0.10 -19.35	31.56 -0.75 -14.50	72.35 -2.86 -15.40	94.15 -6.03 -1.49	156.11 -9.70 0.00	184.00 -12.93 0.00	262.84 -18.05 0.00	55.60 -3.92 -4.91	27.05 -1.29 -11.66	50.38 -3.56 -7.20
BETHPAGE_CC_5 323564	109.41 -0.87 -118.41	127.45 -1.27 -140.87	117.38 -2.22 -142.56	104.41 -1.32 -118.64	119.28 -1.49 -135.39	109.40 0.58 -103.55	114.39 1.82 -96.52	139.33 2.41 -115.80	133.42 1.82 -114.53	125.54 2.13 -104.07	132.68 2.94 -104.70	156.47 2.54 -132.64	123.76 2.67 -99.98	114.97 1.95 -96.91	109.05 -0.25 -111.41	106.72 2.18 -86.73	158.59 6.78 -92.01	144.04 10.90 -34.43	210.83 17.30 -27.72	216.33 19.40 0.00	306.65 25.76 0.00	88.74 5.87 -28.26	85.52 1.71 -67.12	92.75 4.56 -41.45
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.64 0.25 -20.50	12.64 0.40 -24.40	2.62 0.89 -24.69	8.06 0.43 -20.55	9.35 0.53 -23.45	23.06 -0.14 -17.93	32.22 -0.52 -16.70	40.82 -0.70 -20.39	36.55 -0.68 -20.17	36.97 -0.70 -18.33	42.35 -0.98 -18.29	42.14 -0.94 -21.79	36.23 -0.90 -16.01	32.48 -0.70 -17.07	17.60 0.09 -19.62	31.83 -0.68 -14.70	72.81 -2.61 -15.61	94.59 -5.62 -1.51	156.84 -8.97 0.00	184.85 -12.08 0.00	264.08 -16.81 0.00	55.88 -3.71 -4.98	27.26 -1.24 -11.82	50.62 -3.41 -7.30
BINGHAMTON___COGEN 23790	30.52 -0.07 -38.72	33.79 -0.11 -46.06	23.53 -0.13 -46.61	25.79 -0.09 -38.79	29.52 -0.13 -44.27	39.19 0.07 -33.85	47.83 0.19 -31.59	59.68 0.33 -38.22	55.07 0.20 -37.80	53.92 0.22 -34.35	59.64 0.31 -34.28	62.37 0.25 -40.84	51.42 0.30 -30.01	48.32 0.22 -31.98	34.63 -0.03 -36.77	45.65 0.29 -27.55	89.76 0.69 -29.26	102.13 0.60 -2.83	167.19 1.39 0.00	198.18 1.25 0.00	282.70 1.81 0.00	64.15 0.21 -9.33	38.84 0.00 -22.16	60.18 -0.24 -13.68
BLACK RIVER___HYD 24047	-3.18 0.05 -4.89	-6.28 0.05 -5.82	-16.87 0.19 -5.89	-7.97 0.05 -4.90	-9.03 0.00 -5.59	9.63 0.09 -4.28	20.41 0.38 -3.99	26.25 0.53 -4.60	22.25 0.64 -4.55	24.21 0.74 -4.13	30.07 0.91 -4.12	26.96 0.76 -4.91	25.39 0.67 -3.61	20.40 0.44 -3.85	2.26 -0.05 -4.42	21.67 0.55 -3.31	65.81 2.48 -3.52	103.93 4.90 -0.34	178.40 9.42 -3.18	207.88 10.95 0.00	296.42 15.54 0.00	58.20 2.49 -1.11	19.96 0.64 -2.64	49.66 1.29 -1.63
BLISS_WT_PWR 323608	13.97 0.37 -21.73	14.23 0.53 -25.85	4.36 1.15 -26.16	9.41 0.55 -21.77	11.11 0.88 -24.84	24.03 -0.25 -19.00	33.12 -0.68 -17.76	41.70 -1.02 -21.60	37.74 -0.69 -21.36	37.99 -0.76 -19.41	43.30 -1.11 -19.37	43.31 -1.06 -23.08	37.27 -0.80 -16.96	33.70 -0.49 -18.08	18.75 0.08 -20.78	32.92 -0.46 -15.57	74.80 -1.55 -16.53	96.44 -3.85 -1.60	159.95 -5.85 0.00	187.44 -9.49 0.00	267.08 -13.81 0.00	56.26 -3.62 -5.27	27.81 -1.40 -12.52	50.62 -3.84 -7.73
BLUE_CIRC_CHEM_DRP 24182	133.22 -0.50 -141.84	155.88 -0.72 -168.75	146.47 -1.35 -170.77	128.43 -0.77 -142.12	146.71 -0.85 -162.18	129.61 0.30 -124.03	132.56 0.88 -115.63	161.07 1.10 -138.84	155.24 0.86 -137.32	145.13 1.01 -124.79	150.81 1.25 -124.53	170.67 1.04 -148.34	131.17 1.05 -109.02	133.18 0.88 -116.19	131.35 -0.11 -133.57	118.82 0.94 -100.07	169.01 2.92 -106.29	113.85 4.87 -10.28	173.95 8.15 0.00	206.71 9.78 0.00	294.24 13.35 0.00	91.20 2.70 -33.89	98.08 0.91 -80.48	99.08 2.64 -49.70
BOC_GAS_DRP 24189	144.03 -0.48 -152.63	168.74 -0.70 -181.59	159.50 -1.31 -183.76	139.26 -0.75 -152.93	159.06 -0.83 -174.52	139.05 0.31 -133.47	141.37 0.90 -124.43	171.73 1.15 -149.46	165.80 0.92 -147.82	154.74 1.07 -134.33	160.47 1.37 -134.05	182.12 1.15 -159.68	139.64 1.18 -117.35	142.12 0.93 -125.07	141.56 -0.12 -143.79	126.54 1.01 -107.72	177.33 3.11 -114.42	114.83 5.07 -11.07	174.34 8.53 0.00	207.08 10.15 0.00	294.75 13.87 0.00	94.00 2.91 -36.48	104.25 0.93 -86.63	102.82 2.58 -53.51
BORALEX_4TH_BRANCH 23824	150.03 -0.79 -158.94	175.79 -1.15 -189.09	166.26 -2.14 -191.36	145.12 -1.21 -159.25	165.77 -1.34 -181.73	144.75 0.50 -138.99	146.45 1.45 -128.95	169.64 1.73 -146.78	163.70 1.46 -145.17	152.96 1.70 -131.92	158.89 2.21 -131.65	179.92 1.81 -156.83	138.16 1.79 -115.25	140.28 1.34 -122.83	138.93 -0.17 -141.21	125.05 1.45 -105.79	177.24 5.07 -112.37	117.72 8.16 -10.87	179.51 13.71 0.00	213.34 16.41 0.00	303.54 22.65 0.00	95.13 4.70 -35.83	103.17 1.40 -85.08	103.09 3.81 -52.55
BOWLINE___1 23526	106.33 -0.51 -114.95	123.87 -0.74 -136.76	114.12 -1.33 -138.40	101.49 -0.77 -115.17	115.93 -0.88 -131.43	106.14 0.35 -100.52	110.87 1.12 -93.70	135.02 1.48 -112.42	129.47 1.22 -111.19	121.82 1.44 -101.04	127.81 1.95 -100.83	143.07 1.67 -120.11	111.16 1.78 -88.27	111.50 1.31 -94.08	105.88 -0.16 -108.15	100.23 1.39 -81.03	150.03 4.17 -86.06	113.73 6.70 -8.32	176.93 11.13 0.00	210.15 13.22 0.00	298.81 17.93 0.00	86.05 4.01 -27.44	82.99 1.14 -65.17	89.83 2.85 -40.25
BOWLINE___2 23595	106.33 -0.51 -114.96	123.88 -0.74 -136.77	114.13 -1.33 -138.41	101.50 -0.77 -115.18	115.94 -0.88 -131.44	106.15 0.35 -100.53	110.88 1.13 -93.71	135.04 1.48 -112.43	129.48 1.23 -111.20	121.84 1.45 -101.05	127.82 1.95 -100.84	143.08 1.67 -120.12	111.18 1.79 -88.28	111.51 1.32 -94.09	105.89 -0.16 -108.16	100.24 1.40 -81.03	150.05 4.17 -86.07	113.75 6.73 -8.32	176.97 11.16 0.00	210.24 13.32 0.00	298.84 17.95 0.00	86.06 4.02 -27.44	83.00 1.14 -65.17	89.84 2.85 -40.25
BRANSCOMB___SOLAR 323811	158.04 -0.79 -166.95	185.32 -1.14 -198.62	175.91 -2.13 -201.00	153.15 -1.20 -167.27	174.92 -1.35 -190.89	151.78 0.52 -145.99	153.77 1.59 -136.13	187.15 2.13 -163.90	180.91 1.74 -162.10	168.60 1.95 -147.31	174.54 2.50 -147.00	198.46 2.05 -175.12	151.81 2.01 -128.69	154.78 1.51 -137.16	155.37 -0.20 -157.68	137.68 1.74 -118.13	191.58 6.30 -125.47	121.11 10.28 -12.14	182.77 16.96 0.00	217.07 20.14 0.00	308.59 27.70 0.00	100.02 5.41 -40.01	113.32 1.63 -95.01	109.86 4.46 -58.68
BROOKHAVEN___DRP 24191	109.29 -1.00 -118.41	127.28 -1.44 -140.87	117.08 -2.52 -142.56	104.22 -1.50 -118.64	119.06 -1.70 -135.39	109.49 0.67 -103.55	114.67 2.10 -96.52	139.65 2.73 -115.80	133.60 2.01 -114.53	125.68 2.27 -104.07	132.88 3.14 -104.70	156.68 2.75 -132.64	123.96 2.87 -99.98	115.13 2.11 -96.91	109.02 -0.27 -111.41	107.00 2.46 -86.73	159.56 7.75 -92.01	145.23 12.10 -34.43	212.33 18.80 -27.72	216.98 20.05 0.00	306.65 25.76 0.00	89.22 6.35 -28.26	85.70 1.90 -67.12	93.31 5.12 -41.45
BROOKLYN_NAVY_YARD 23515	109.63 -0.62 -118.38	127.80 -0.88 -140.83	117.98 -1.58 -142.52	104.77 -0.92 -118.61	119.69 -1.04 -135.35	109.22 0.43 -103.51	113.91 1.37 -96.49	138.70 1.82 -115.77	133.09 1.53 -114.49	125.18 1.79 -104.04	131.29 2.42 -103.83	147.06 2.09 -123.69	114.23 2.22 -90.90	114.62 1.63 -96.88	109.06 -0.21 -111.37	102.99 1.74 -83.44	153.48 5.05 -88.62	115.41 8.14 -8.57	179.22 13.41 0.00	212.87 15.94 0.00	302.61 21.72 0.00	87.85 4.99 -28.26	85.23 1.44 -67.10	91.74 3.56 -41.44



BROOKLYN___ARMY_DRP 323595	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
BROOME_2_LFGE 323671	30.52 -0.07 -38.72	33.79 -0.11 -46.06	23.53 -0.13 -46.61	25.79 -0.09 -38.79	29.52 -0.13 -44.27	39.19 0.07 -33.85	47.83 0.19 -31.59	59.68 0.33 -38.22	55.07 0.20 -37.80	53.92 0.22 -34.35	59.64 0.31 -34.28	62.37 0.25 -40.84	51.42 0.30 -30.01	48.32 0.22 -31.98	34.63 -0.03 -36.77	45.65 0.29 -27.55	89.76 0.69 -29.26	102.13 0.60 -2.83	167.19 1.39 0.00	198.18 1.25 0.00	282.70 1.81 0.00	64.15 0.21 -9.33	38.84 0.00 -22.16	60.18 -0.24 -13.68
BROOME___LFGE 323600	30.52 -0.07 -38.72	33.79 -0.11 -46.06	23.53 -0.13 -46.61	25.79 -0.09 -38.79	29.52 -0.13 -44.27	39.19 0.07 -33.85	47.83 0.19 -31.59	59.68 0.33 -38.22	55.07 0.20 -37.80	53.92 0.22 -34.35	59.64 0.31 -34.28	62.37 0.25 -40.84	51.42 0.30 -30.01	48.32 0.22 -31.98	34.63 -0.03 -36.77	45.65 0.29 -27.55	89.76 0.69 -29.26	102.13 0.60 -2.83	167.19 1.39 0.00	198.18 1.25 0.00	282.70 1.81 0.00	64.15 0.21 -9.33	38.84 0.00 -22.16	60.18 -0.24 -13.68
BURROWS___LYONSDAL 23803	-8.29 -0.17 0.00	-12.41 -0.26 0.00	-23.43 -0.48 0.00	-13.20 -0.28 0.00	-14.98 -0.36 0.00	5.44 0.17 0.00	16.62 0.58 0.00	21.92 0.79 0.00	17.75 0.69 0.00	20.15 0.80 0.00	26.02 0.98 0.00	22.10 0.81 0.00	21.86 0.74 0.00	16.65 0.54 0.00	-2.17 -0.06 0.00	18.44 0.63 0.00	62.27 2.47 0.00	103.23 4.54 0.00	176.09 7.96 -2.32	206.34 9.41 0.00	294.39 13.50 0.00	56.95 2.34 0.00	17.34 0.65 0.00	48.36 1.62 0.00
CAITHNESS_CC_1 323624	109.32 -0.97 -118.41	127.32 -1.40 -140.87	117.16 -2.45 -142.56	104.26 -1.46 -118.64	119.11 -1.65 -135.39	109.47 0.65 -103.55	114.61 2.04 -96.52	139.57 2.65 -115.80	133.54 1.95 -114.53	125.63 2.21 -104.07	132.81 3.06 -104.70	156.61 2.68 -132.64	123.90 2.81 -99.98	115.09 2.07 -96.91	109.03 -0.27 -111.41	106.93 2.39 -86.73	159.33 7.51 -92.01	144.88 11.74 -34.43	211.75 18.22 -27.72	216.47 19.54 0.00	305.98 25.09 0.00	89.02 6.15 -28.26	85.64 1.83 -67.12	93.16 4.97 -41.45
CALPINE BETH_PAGE_GT4 24209	109.43 -0.85 -118.41	127.48 -1.24 -140.87	117.43 -2.17 -142.56	104.43 -1.29 -118.64	119.30 -1.46 -135.39	109.39 0.57 -103.55	114.33 1.76 -96.52	139.26 2.34 -115.80	133.36 1.77 -114.53	125.48 2.06 -104.07	132.59 2.85 -104.70	156.39 2.47 -132.64	123.69 2.59 -99.98	114.92 1.89 -96.91	109.05 -0.24 -111.41	106.65 2.11 -86.73	158.36 6.55 -92.01	143.69 10.56 -34.43	210.32 16.80 -27.72	215.73 18.80 0.00	305.80 24.91 0.00	88.59 5.72 -28.26	85.46 1.66 -67.12	92.60 4.41 -41.45
CALPINE_BETH_PAGE_GT_4 323586	109.43 -0.85 -118.41	127.48 -1.24 -140.87	117.43 -2.17 -142.56	104.43 -1.29 -118.64	119.30 -1.46 -135.39	109.39 0.57 -103.55	114.33 1.76 -96.52	139.26 2.34 -115.80	133.36 1.77 -114.53	125.48 2.06 -104.07	132.59 2.85 -104.70	156.39 2.47 -132.64	123.69 2.59 -99.98	114.92 1.89 -96.91	109.05 -0.24 -111.41	106.65 2.11 -86.73	158.36 6.55 -92.01	143.69 10.56 -34.43	210.32 16.80 -27.72	215.73 18.80 0.00	305.80 24.91 0.00	88.59 5.72 -28.26	85.46 1.66 -67.12	92.60 4.41 -41.45
CALPINE_BP_GT1 23823	109.43 -0.85 -118.41	127.48 -1.24 -140.87	117.43 -2.17 -142.56	104.43 -1.29 -118.64	119.30 -1.46 -135.39	109.39 0.57 -103.55	114.33 1.76 -96.52	139.26 2.34 -115.80	133.36 1.77 -114.53	125.48 2.06 -104.07	132.59 2.85 -104.70	156.39 2.47 -132.64	123.69 2.59 -99.98	114.92 1.89 -96.91	109.05 -0.24 -111.41	106.65 2.11 -86.73	158.36 6.55 -92.01	143.69 10.56 -34.43	210.32 16.80 -27.72	215.73 18.80 0.00	305.80 24.91 0.00	88.59 5.72 -28.26	85.46 1.66 -67.12	92.60 4.41 -41.45
CALSPAN___DRP 24200	12.39 0.28 -20.24	12.36 0.44 -24.07	2.35 0.94 -24.36	7.82 0.46 -20.27	9.08 0.56 -23.14	22.81 -0.16 -17.69	31.96 -0.57 -16.48	40.47 -0.78 -20.12	36.22 -0.74 -19.90	36.65 -0.77 -18.08	42.02 -1.06 -18.04	41.76 -1.02 -21.50	35.92 -0.99 -15.80	32.19 -0.76 -16.83	17.34 0.10 -19.35	31.56 -0.75 -14.50	72.35 -2.86 -15.40	94.15 -6.03 -1.49	156.11 -9.70 0.00	184.00 -12.93 0.00	262.84 -18.05 0.00	55.60 -3.92 -4.91	27.05 -1.29 -11.66	50.38 -3.56 -7.20
CANDIGU_WT_PWR 323617	18.71 0.23 -26.61	19.84 0.33 -31.66	9.87 0.78 -32.04	14.16 0.41 -26.66	16.25 0.44 -30.43	28.42 -0.12 -23.27	37.33 -0.43 -21.71	47.01 -0.46 -26.35	42.71 -0.42 -26.06	42.60 -0.43 -23.68	48.14 -0.53 -23.63	48.89 -0.55 -28.16	41.34 -0.46 -20.69	37.85 -0.32 -22.05	23.28 0.04 -25.35	36.65 -0.15 -18.99	79.21 -0.77 -20.17	98.33 -2.32 -1.95	162.60 -3.21 0.00	191.91 -5.02 0.00	273.25 -7.64 0.00	58.95 -2.08 -6.43	31.17 -0.79 -15.27	53.58 -2.59 -9.43
CARR STREET_E_SYR 24060	2.63 0.06 -10.68	0.66 0.10 -12.71	-9.86 0.23 -12.86	-2.10 0.11 -10.70	-2.28 0.12 -12.21	14.59 -0.03 -9.34	24.67 -0.08 -8.71	31.48 -0.11 -10.46	27.30 -0.11 -10.34	28.63 -0.12 -9.40	34.28 -0.14 -9.38	32.36 -0.11 -11.18	29.19 -0.13 -8.21	24.79 -0.08 -8.75	7.96 0.01 -10.06	25.27 -0.08 -7.54	67.18 -0.63 -8.01	98.08 -1.39 -0.77	163.80 -2.34 -0.33	193.96 -2.98 0.00	276.65 -4.23 0.00	56.38 -0.77 -2.55	22.51 -0.23 -6.06	49.55 -0.92 -3.75
CARTHAGE___PAPER 23857	-4.17 -0.04 -4.00	-7.48 -0.09 -4.76	-18.25 -0.11 -4.82	-9.00 -0.09 -4.01	-10.21 -0.16 -4.57	8.90 0.13 -3.50	19.82 0.51 -3.27	25.52 0.72 -3.68	21.45 0.75 -3.64	23.50 0.86 -3.31	29.38 1.05 -3.30	26.09 0.88 -3.93	24.78 0.78 -2.89	19.73 0.54 -3.08	1.37 -0.06 -3.54	21.09 0.63 -2.65	65.36 2.74 -2.81	104.40 5.44 -0.27	179.68 10.17 -3.71	209.04 12.10 0.00	298.40 17.51 0.00	58.35 2.86 -0.89	19.55 0.76 -2.10	49.86 1.83 -1.30
CASSADAGA_WT_PWR 323784	13.49 0.22 -21.39	13.74 0.44 -25.45	3.68 0.88 -25.75	8.91 0.39 -21.43	10.41 0.57 -24.46	23.87 -0.11 -18.71	33.21 -0.29 -17.46	42.00 -0.36 -21.23	37.89 -0.18 -21.00	38.32 -0.10 -19.09	43.99 -0.10 -19.05	43.84 -0.13 -22.69	37.82 0.03 -16.67	33.97 0.09 -17.77	18.31 -0.01 -20.43	33.32 0.20 -15.30	76.00 -0.06 -16.26	98.43 -1.84 -1.57	160.38 -5.42 0.00	186.58 -10.34 0.00	265.31 -15.57 0.00	55.99 -3.80 -5.18	27.66 -1.33 -12.31	50.99 -3.35 -7.60
CE_DUNWOOD___DRP 24194	109.39 -0.61 -118.13	127.50 -0.88 -140.53	117.68 -1.58 -142.22	104.52 -0.92 -118.36	119.41 -1.04 -135.06	108.98 0.42 -103.30	113.66 1.33 -96.29	138.40 1.76 -115.52	132.78 1.46 -114.26	124.88 1.71 -103.83	130.96 2.31 -103.61	146.69 1.98 -123.43	113.91 2.09 -90.71	114.32 1.54 -96.67	108.83 -0.20 -111.14	102.73 1.66 -83.26	153.26 5.01 -88.44	115.34 8.09 -8.55	179.20 13.39 0.00	212.80 15.87 0.00	302.48 21.59 0.00	87.58 4.78 -28.20	85.02 1.37 -66.96	91.56 3.47 -41.36
CE_MILLWOOD___DRP 24193	108.97 -0.59 -117.68	127.00 -0.85 -140.00	117.15 -1.54 -141.64	103.69 -0.89 -117.50	118.46 -1.00 -134.08	108.22 0.40 -102.55	112.92 1.28 -95.59	137.50 1.70 -114.69	131.90 1.41 -113.43	124.07 1.65 -103.07	130.12 2.22 -102.86	145.73 1.91 -122.53	113.17 2.01 -90.05	113.57 1.48 -95.97	108.04 -0.19 -110.33	102.06 1.60 -82.66	152.44 4.83 -87.79	114.99 7.80 -8.49	178.71 12.90 0.00	212.22 15.29 0.00	301.66 20.77 0.00	87.20 4.61 -27.99	84.49 1.32 -66.48	91.14 3.35 -41.06



CE_NYC2_DRP 24202	109.62 -0.65 -118.39	127.77 -0.92 -140.84	117.92 -1.66 -142.53	104.73 -0.97 -118.62	119.66 -1.08 -135.36	109.25 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.59 -114.51	125.27 1.87 -104.05	131.42 2.54 -103.84	147.16 2.18 -123.70	114.34 2.32 -90.90	114.69 1.70 -96.88	109.05 -0.22 -111.38	103.09 1.84 -83.44	153.84 5.41 -88.63	116.01 8.74 -8.57	180.15 14.34 0.00	213.87 0.00 0.00	303.89 23.00 0.00	88.14 5.27 -28.26	85.31 1.51 -67.11	91.94 3.76 -41.45
CE_NYC_DRP 24195	109.63 -0.62 -118.37	127.80 -0.88 -140.83	117.98 -1.59 -142.52	104.76 -0.93 -118.60	119.68 -1.04 -135.35	109.21 0.43 -103.51	113.90 1.37 -96.49	138.70 1.82 -115.77	133.08 1.53 -114.49	125.19 1.80 -104.04	131.31 2.44 -103.83	147.07 2.10 -123.69	114.24 2.24 -90.89	114.63 1.64 -96.87	109.05 -0.21 -111.37	103.01 1.77 -83.44	153.64 5.21 -88.62	115.61 8.34 -8.57	179.55 13.74 0.00	213.23 16.30 0.00	303.15 22.26 0.00	87.92 5.06 -28.26	85.24 1.45 -67.10	91.80 3.62 -41.44
CHAFEE__LFGE 323603	13.08 0.25 -20.95	13.17 0.39 -24.93	3.15 0.87 -25.22	8.50 0.42 -20.99	9.85 0.51 -23.95	23.46 -0.13 -18.32	32.64 -0.49 -17.09	41.28 -0.68 -20.83	37.04 -0.63 -20.60	37.41 -0.65 -18.72	42.81 -0.91 -18.68	42.65 -0.89 -22.25	36.64 -0.83 -16.36	32.91 -0.64 -17.43	18.01 0.08 -20.04	32.22 -0.61 -15.01	73.43 -2.32 -15.95	95.11 -5.13 -1.54	157.75 -8.06 0.00	185.80 -11.13 0.00	265.28 -15.61 0.00	56.17 -3.52 -5.08	27.55 -1.21 -12.07	50.85 -3.34 -7.46
CHATEAUG_WT_PWR 323614	-7.84 0.28 0.00	-11.83 0.32 0.00	-22.71 0.24 0.00	-12.57 0.35 0.00	-14.34 0.28 0.00	5.12 -0.15 0.00	15.60 -0.44 0.00	20.69 -0.43 0.00	16.59 -0.48 0.00	18.69 -0.65 0.00	24.06 -0.97 0.00	20.42 -0.87 0.00	20.19 -0.92 0.00	15.35 -0.77 0.00	-1.99 0.12 0.00	16.94 -0.87 0.00	58.22 -1.58 0.00	96.48 -2.22 0.00	160.67 -2.86 2.28	196.52 -0.41 0.00	283.39 2.50 0.00	54.89 0.28 0.00	16.83 0.14 0.00	47.60 0.86 0.00
CHAT_HIGH_FALL_HYD 323578	-7.89 0.23 0.00	-11.91 0.25 0.00	-22.78 0.17 0.00	-12.64 0.27 0.00	-14.42 0.20 0.00	5.14 -0.13 0.00	15.68 -0.37 0.00	20.85 -0.28 0.00	17.47 0.41 0.00	19.66 0.32 0.00	25.28 0.24 0.00	21.39 0.10 0.00	21.13 0.02 0.00	16.03 -0.08 0.00	-2.06 0.05 0.00	17.60 -0.21 0.00	60.73 0.92 0.00	100.76 2.06 0.00	168.23 4.70 2.28	206.39 9.46 0.00	298.14 17.25 0.00	57.72 3.11 0.00	17.64 0.96 0.00	49.75 3.02 0.00
CHAUTAUQUA__LFGE 323629	13.19 0.21 -21.10	13.32 0.37 -25.11	3.29 0.84 -25.41	8.63 0.41 -21.14	10.00 0.49 -24.13	23.61 -0.12 -18.45	32.89 -0.37 -17.21	41.71 -0.36 -20.94	37.48 -0.31 -20.71	37.87 -0.30 -18.82	43.44 -0.38 -18.78	43.26 -0.40 -22.38	37.31 -0.25 -16.44	33.48 -0.16 -17.53	18.07 0.03 -20.15	32.84 -0.07 -15.09	74.93 -0.91 -16.03	97.15 -3.10 -1.55	159.68 -6.12 0.00	186.93 -10.00 0.00	266.43 -14.46 0.00	56.29 -3.43 -5.11	27.62 -1.21 -12.14	50.96 -3.27 -7.50
CH_MIDHUDSON__DRP 24192	113.45 -0.65 -122.21	132.31 -0.94 -145.40	122.48 -1.71 -147.14	108.54 -0.99 -122.45	123.99 -1.12 -139.74	112.58 0.44 -106.87	117.06 1.39 -99.62	142.50 1.85 -119.53	136.82 1.54 -118.22	128.56 1.79 -107.42	134.64 2.40 -107.20	151.03 2.03 -127.71	117.06 2.10 -93.85	117.68 1.55 -100.02	112.68 -0.20 -114.99	105.64 1.68 -86.15	156.65 5.35 -91.50	116.26 8.71 -8.85	180.41 14.61 0.00	214.20 17.27 0.00	304.55 23.66 0.00	88.82 5.04 -29.18	87.43 1.46 -69.28	93.26 3.73 -42.79
CH_MISC_IPPS 23765	110.62 -0.66 -119.40	128.94 -0.96 -142.05	119.05 -1.75 -143.75	105.70 -1.01 -119.63	120.75 -1.15 -136.52	110.13 0.45 -104.41	114.81 1.44 -97.33	139.81 1.91 -116.78	134.14 1.58 -115.50	126.13 1.84 -104.95	132.23 2.46 -104.74	148.14 2.09 -124.77	114.96 2.16 -91.69	115.43 1.60 -97.72	110.03 -0.20 -112.35	103.72 1.74 -84.16	154.72 5.52 -89.40	116.37 9.03 -8.65	180.91 15.10 0.00	214.78 17.85 0.00	305.39 24.50 0.00	88.28 5.17 -28.50	85.86 1.49 -67.69	92.33 3.79 -41.81
CH_RES_BVR_FALLS 23983	-14.65 0.06 6.58	-19.91 0.07 7.83	-30.74 0.14 7.93	-19.43 0.08 6.60	-22.06 0.09 7.53	-0.58 -0.10 5.76	10.45 -0.23 5.37	14.34 -0.29 6.50	10.41 -0.23 6.42	13.24 -0.26 5.84	18.94 -0.28 5.83	14.11 -0.24 6.94	15.66 -0.36 5.10	10.41 -0.27 5.43	-8.34 0.02 6.25	12.96 -0.17 4.68	54.53 -0.30 4.97	97.82 -0.39 0.48	165.22 -0.58 0.00	196.12 -0.81 0.00	279.78 -1.11 0.00	52.55 -0.47 1.58	12.71 -0.21 3.76	43.80 -0.61 2.32
CH_RES_NIAGARA 23895	11.26 0.46 -18.93	11.08 0.72 -22.52	1.27 1.43 -22.78	6.78 0.73 -18.96	7.91 0.89 -21.64	21.55 -0.27 -16.55	30.48 -0.98 -15.41	38.23 -1.45 -18.56	34.10 -1.32 -18.35	34.62 -1.40 -16.68	39.77 -1.91 -19.83	39.36 -1.76 -14.57	33.90 -1.79 -15.53	30.24 -1.41 -17.85	15.92 0.18 -17.85	29.72 -1.47 -13.38	68.75 -5.26 -14.20	90.05 -10.02 -1.37	149.29 -16.52 0.00	176.32 -20.61 0.00	252.39 -28.50 0.00	53.41 -5.72 -4.53	25.66 -1.78 -10.76	48.61 -4.77 -6.64
CH_RES_SYRACUSE 23985	4.02 0.01 -12.13	2.29 0.02 -14.43	-8.27 0.08 -14.60	-0.74 0.03 -12.15	-0.75 0.01 -13.87	15.88 0.01 -10.60	25.97 0.03 -9.90	33.20 0.04 -12.04	28.98 0.01 -11.91	30.17 0.01 -10.82	35.86 0.02 -10.80	34.19 0.04 -12.86	30.57 0.00 -9.45	26.22 0.04 -10.07	9.47 -0.01 -11.58	26.54 0.05 -8.68	68.92 -0.10 -9.22	99.17 -0.41 -0.89	165.10 -0.70 0.00	195.79 -1.14 0.00	279.13 -1.76 0.00	57.12 -0.43 -2.94	23.54 -0.12 -6.98	50.45 -0.59 -4.31
CLINTON_WT_PWR 323605	-7.84 0.28 0.00	-11.83 0.32 0.00	-22.71 0.24 0.00	-12.57 0.35 0.00	-14.34 0.28 0.00	5.12 -0.15 0.00	15.60 -0.44 0.00	20.69 -0.43 0.00	16.59 -0.48 0.00	18.69 -0.65 0.00	24.06 -0.97 0.00	20.42 -0.87 0.00	20.19 -0.92 0.00	15.35 -0.77 0.00	-1.99 0.12 0.00	16.94 -0.87 0.00	58.22 -1.58 0.00	96.48 -2.22 0.00	160.67 -2.86 2.28	196.52 -0.41 0.00	283.39 2.50 0.00	54.89 0.28 0.00	16.83 0.14 0.00	47.60 0.86 0.00
CLINTON__LFGE 323618	-8.02 0.11 0.00	-12.10 0.05 0.00	-23.21 -0.25 0.00	-12.86 0.05 0.00	-14.70 -0.07 0.00	5.24 -0.03 0.00	16.01 -0.03 0.00	21.41 0.29 0.00	17.22 0.15 0.00	19.39 0.05 0.00	24.94 -0.09 0.00	21.13 -0.16 0.00	20.88 -0.23 0.00	15.84 -0.27 0.00	-2.04 0.07 0.00	17.39 -0.42 0.00	59.91 0.10 0.00	99.23 0.54 0.00	165.58 2.05 2.28	203.21 6.28 0.00	293.78 12.89 0.00	56.90 2.30 0.00	17.41 0.73 0.00	49.15 2.42 0.00
COLONIE_LFGE__ 323577	154.50 -0.68 -163.30	181.15 -0.98 -194.28	171.81 -1.84 -196.61	149.66 -1.05 -163.62	170.94 -1.15 -186.72	148.51 0.43 -142.80	150.53 1.31 -133.18	183.42 1.69 -160.61	177.29 1.38 -158.84	165.27 1.58 -144.34	171.11 2.03 -144.05	194.54 1.66 -171.60	148.85 1.63 -126.10	151.78 1.27 -134.40	152.23 -0.17 -154.51	134.97 1.40 -115.75	187.64 4.88 -122.95	118.63 8.04 -11.89	179.17 13.37 0.00	212.83 15.91 0.00	302.77 21.88 0.00	98.14 4.33 -39.21	111.12 1.34 -93.10	107.94 3.71 -57.50
COPENHAGEN_WT_PWR 323753	-2.62 0.17 -5.33	-5.59 0.23 -6.34	-16.01 0.53 -6.42	-7.34 0.23 -5.34	-8.32 0.21 -6.09	9.95 0.02 -4.66	20.59 0.20 -4.35	26.46 0.29 -5.05	22.53 0.48 -4.99	24.45 0.57 -4.54	30.28 0.72 -4.53	27.26 0.58 -5.39	25.56 0.48 -3.96	20.61 0.27 -4.22	2.72 -0.03 -4.86	21.84 0.40 -3.64	65.69 2.03 -3.86	103.20 4.14 -0.37	176.89 8.17 -2.92	206.33 9.40 0.00	294.19 13.31 0.00	57.87 2.04 -1.22	20.07 0.48 -2.90	49.32 0.80 -1.79



CORNELL____ 23752	18.46 -0.20 -26.79	19.41 -0.31 -31.87	8.78 -0.51 -32.25	13.62 -0.31 -26.84	15.62 -0.38 -30.63	28.86 0.17 -23.42	38.47 0.53 -21.90	48.95 0.75 -27.08	44.42 0.58 -26.78	44.34 0.66 -24.33	50.19 0.86 -24.28	50.94 0.73 -28.93	43.07 0.70 -21.26	39.32 0.55 -22.66	23.87 -0.07 -26.05	37.96 0.64 -19.51	82.56 2.03 -20.73	103.70 3.00 -2.01	171.16 5.35 0.00	202.90 5.97 0.00	289.32 8.43 0.00	62.62 1.41 -6.61	32.75 0.37 -15.69	57.14 0.71 -9.69
COXSACKIE____GT 23611	120.69 -0.72 -129.53	140.90 -1.05 -154.10	131.05 -1.95 -155.94	115.75 -1.11 -129.78	132.22 -1.25 -148.10	119.01 0.48 -113.26	123.12 1.49 -105.59	149.82 1.95 -126.75	143.99 1.57 -125.36	135.07 1.81 -113.91	141.07 2.35 -113.68	158.67 1.97 -135.42	122.52 1.89 -99.52	123.65 1.48 -106.07	119.64 -0.19 -121.94	110.80 1.64 -91.35	162.32 5.49 -97.03	117.36 9.28 -9.38	181.52 15.71 0.00	215.45 18.52 0.00	306.39 25.50 0.00	90.63 5.09 -30.94	91.70 1.55 -73.47	96.28 4.17 -45.37
CPV_VALLEY____CC1 323721	94.61 -0.42 -103.15	109.95 -0.61 -122.72	100.11 -1.12 -124.19	89.78 -0.65 -103.35	102.58 -0.74 -117.94	95.76 0.29 -90.20	101.06 0.93 -84.08	123.24 1.23 -100.90	117.87 1.02 -99.79	111.22 1.20 -90.68	117.13 1.60 -90.49	130.45 1.37 -107.80	101.80 1.47 -79.22	101.62 1.08 -84.43	94.82 -0.14 -97.07	91.68 1.16 -72.72	140.50 3.45 -77.24	111.74 5.57 -7.47	175.02 9.22 0.00	207.99 11.06 0.00	296.21 15.32 0.00	82.58 3.34 -24.63	76.12 0.95 -58.48	85.20 2.35 -36.12
CPV_VALLEY____CC2 323722	94.61 -0.42 -103.15	109.95 -0.61 -122.72	100.11 -1.12 -124.19	89.78 -0.65 -103.35	102.58 -0.74 -117.94	95.76 0.29 -90.20	101.06 0.93 -84.08	123.24 1.23 -100.90	117.87 1.02 -99.79	111.22 1.20 -90.68	117.13 1.60 -90.49	130.45 1.37 -107.80	101.80 1.47 -79.22	101.62 1.08 -84.43	94.82 -0.14 -97.07	91.68 1.16 -72.72	140.50 3.45 -77.24	111.74 5.57 -7.47	175.02 9.22 0.00	207.99 11.06 0.00	296.21 15.32 0.00	82.58 3.34 -24.63	76.12 0.95 -58.48	85.20 2.35 -36.12
CRESCENT____HYD 24018	154.50 -0.68 -163.30	181.15 -0.98 -194.28	171.81 -1.84 -196.61	149.66 -1.05 -163.62	170.94 -1.15 -186.72	148.51 0.43 -142.80	150.53 1.31 -133.18	183.42 1.69 -160.61	177.29 1.38 -158.84	165.27 1.58 -144.34	171.11 2.03 -144.05	194.54 1.66 -171.60	148.85 1.63 -126.10	151.78 1.27 -134.40	152.23 -0.17 -154.51	134.97 1.40 -115.75	187.64 4.88 -122.95	118.63 8.04 -11.89	179.17 13.37 0.00	212.83 15.91 0.00	302.77 21.88 0.00	98.14 4.33 -39.21	111.12 1.34 -93.10	107.94 3.71 -57.50
CRICKET____VALLEY_CC1 323756	116.06 -0.61 -124.79	135.44 -0.88 -148.47	125.71 -1.58 -150.25	111.21 -0.92 -125.04	127.04 -1.03 -142.69	114.80 0.40 -109.13	119.04 1.28 -101.72	144.82 1.70 -122.01	139.17 1.44 -120.66	130.66 1.67 -109.65	136.70 2.23 -109.42	153.53 1.90 -130.35	118.85 1.95 -95.79	119.64 1.43 -102.10	115.08 -0.18 -117.37	107.27 1.53 -87.93	158.14 4.93 -93.40	115.85 8.12 -9.03	179.37 13.57 0.00	212.93 16.00 0.00	302.87 21.98 0.00	89.10 4.71 -29.78	88.79 1.38 -70.72	93.97 3.55 -43.68
CRICKET____VALLEY_CC2 323757	116.06 -0.61 -124.79	135.44 -0.88 -148.47	125.71 -1.58 -150.25	111.21 -0.92 -125.04	127.04 -1.03 -142.69	114.80 0.40 -109.13	119.04 1.28 -101.72	144.82 1.70 -122.01	139.17 1.44 -120.66	130.66 1.67 -109.65	136.70 2.23 -109.42	153.53 1.90 -130.35	118.85 1.95 -95.79	119.64 1.43 -102.10	115.08 -0.18 -117.37	107.27 1.53 -87.93	158.14 4.93 -93.40	115.85 8.12 -9.03	179.37 13.57 0.00	212.93 16.00 0.00	302.87 21.98 0.00	89.10 4.71 -29.78	88.79 1.38 -70.72	93.97 3.55 -43.68
CRICKET____VALLEY_CC3 323758	116.06 -0.61 -124.79	135.44 -0.88 -148.47	125.71 -1.58 -150.25	111.21 -0.92 -125.04	127.04 -1.03 -142.69	114.80 0.40 -109.13	119.04 1.28 -101.72	144.82 1.70 -122.01	139.17 1.44 -120.66	130.66 1.67 -109.65	136.70 2.23 -109.42	153.53 1.90 -130.35	118.85 1.95 -95.79	119.64 1.43 -102.10	115.08 -0.18 -117.37	107.27 1.53 -87.93	158.14 4.93 -93.40	115.85 8.12 -9.03	179.37 13.57 0.00	212.93 16.00 0.00	302.87 21.98 0.00	89.10 4.71 -29.78	88.79 1.38 -70.72	93.97 3.55 -43.68
CRUCIBLE_METL_DRP 24180	4.02 0.01 -12.13	2.29 0.02 -14.43	-8.27 0.08 -14.60	-0.74 0.03 -12.15	-0.75 0.01 -13.87	15.88 0.01 -10.60	25.97 0.03 -9.90	33.20 0.04 -12.04	28.98 0.01 -11.91	30.17 0.01 -10.82	35.86 0.02 -10.80	34.19 0.04 -12.86	30.57 0.00 -9.45	26.22 0.04 -10.07	9.47 -0.01 -11.58	26.54 0.05 -8.68	68.92 -0.10 -9.22	99.17 -0.41 -0.89	165.10 -0.70 0.00	195.79 -1.14 0.00	279.13 -1.76 0.00	57.12 -0.43 -2.94	23.54 -0.12 -6.98	50.45 -0.59 -4.31
DAHOWA____HYDRO 323763	158.57 -0.83 -167.53	185.95 -1.21 -199.31	176.50 -2.24 -201.70	153.67 -1.27 -167.85	175.51 -1.42 -191.55	152.31 0.54 -146.49	154.34 1.69 -136.60	187.84 2.29 -164.44	181.56 1.87 -162.63	169.22 2.09 -147.78	175.20 2.68 -147.48	199.17 2.20 -175.69	152.36 2.13 -129.11	155.31 1.60 -137.60	155.87 -0.22 -158.20	138.17 1.85 -118.51	192.50 6.81 -125.88	121.92 11.05 -12.18	184.06 18.25 0.00	218.60 21.67 0.00	310.75 29.86 0.00	100.53 5.79 -40.14	113.73 1.73 -95.32	110.32 4.72 -58.87
DANC____LFGE 323619	-1.11 0.15 -6.86	-3.78 0.21 -8.16	-14.19 0.50 -8.26	-5.82 0.22 -6.87	-6.57 0.21 -7.85	11.26 -0.01 -6.00	21.68 0.03 -5.60	27.80 0.05 -6.63	23.80 0.18 -6.56	25.52 0.22 -5.96	31.27 0.28 -5.95	28.61 0.25 -7.08	26.50 0.18 -5.20	21.75 0.10 -5.55	4.26 -0.01 -6.37	22.75 0.16 -4.78	65.67 0.80 -5.07	100.91 1.72 -0.49	171.47 3.67 -2.00	201.05 4.12 0.00	286.64 5.75 0.00	57.02 0.80 -1.61	20.69 0.18 -3.82	49.12 0.03 -2.36
DANSKAMMER____1 23586	110.62 -0.66 -119.40	128.94 -0.96 -142.05	119.05 -1.75 -143.75	105.70 -1.01 -119.63	120.75 -1.15 -136.52	110.13 0.45 -104.41	114.81 1.44 -97.33	139.81 1.91 -116.78	134.14 1.58 -115.50	126.13 1.84 -104.95	132.23 2.46 -104.74	148.14 2.09 -124.77	114.96 2.16 -91.69	115.43 1.60 -97.72	110.03 -0.20 -112.35	103.72 1.74 -84.16	154.72 5.52 -89.40	116.37 9.03 -8.65	180.91 15.10 0.00	214.78 17.85 0.00	305.39 24.50 0.00	88.28 5.17 -28.50	85.86 1.49 -67.69	92.33 3.79 -41.81
DANSKAMMER____2 23589	110.62 -0.66 -119.40	128.94 -0.96 -142.05	119.05 -1.75 -143.75	105.70 -1.01 -119.63	120.75 -1.15 -136.52	110.13 0.45 -104.41	114.81 1.44 -97.33	139.81 1.91 -116.78	134.14 1.58 -115.50	126.13 1.84 -104.95	132.23 2.46 -104.74	148.14 2.09 -124.77	114.96 2.16 -91.69	115.43 1.60 -97.72	110.03 -0.20 -112.35	103.72 1.74 -84.16	154.72 5.52 -89.40	116.37 9.03 -8.65	180.91 15.10 0.00	214.78 17.85 0.00	305.39 24.50 0.00	88.28 5.17 -28.50	85.86 1.49 -67.69	92.33 3.79 -41.81
DANSKAMMER____3 23590	110.62 -0.66 -119.40	128.94 -0.96 -142.05	119.05 -1.75 -143.75	105.70 -1.01 -119.63	120.75 -1.15 -136.52	110.13 0.45 -104.41	114.81 1.44 -97.33	139.81 1.91 -116.78	134.14 1.58 -115.50	126.13 1.84 -104.95	132.23 2.46 -104.74	148.14 2.09 -124.77	114.96 2.16 -91.69	115.43 1.60 -97.72	110.03 -0.20 -112.35	103.72 1.74 -84.16	154.72 5.52 -89.40	116.37 9.03 -8.65	180.91 15.10 0.00	214.78 17.85 0.00	305.39 24.50 0.00	88.28 5.17 -28.50	85.86 1.49 -67.69	92.33 3.79 -41.81
DANSKAMMER____4 23591	110.62 -0.66 -119.40	128.94 -0.96 -142.05	119.05 -1.75 -143.75	105.70 -1.01 -119.63	120.75 -1.15 -136.52	110.13 0.45 -104.41	114.81 1.44 -97.33	139.81 1.91 -116.78	134.14 1.58 -115.50	126.13 1.84 -104.95	132.23 2.46 -104.74	148.14 2.09 -124.77	114.96 2.16 -91.69	115.43 1.60 -97.72	110.03 -0.20 -112.35	103.72 1.74 -84.16	154.72 5.52 -89.40	116.37 9.03 -8.65	180.91 15.10 0.00	214.78 17.85 0.00	305.39 24.50 0.00	88.28 5.17 -28.50	85.86 1.49 -67.69	92.33 3.79 -41.81



DANSKAMMER___DIESEL 23592	110.62 -0.66 -119.40	128.94 -0.96 -142.05	119.05 -1.75 -143.75	105.70 -1.01 -119.63	120.75 -1.15 -136.52	110.13 0.45 -104.41	114.81 1.44 -97.33	139.81 1.91 -116.78	134.14 1.58 -115.50	126.13 1.84 -104.95	132.23 2.46 -104.74	148.14 2.09 -124.77	114.96 2.16 -91.69	115.43 1.60 -97.72	110.03 -0.20 -112.35	103.72 1.74 -84.16	154.72 5.52 -89.40	116.37 9.03 -8.65	180.91 15.10 0.00	214.78 17.85 0.00	305.39 24.50 0.00	88.28 5.17 -28.50	85.86 1.49 -67.69	92.33 3.79 -41.81
DASHVILLE___HYD 23610	112.15 -0.54 -120.81	130.79 -0.79 -143.73	121.05 -1.45 -145.45	107.30 -0.84 -121.05	122.57 -0.95 -138.13	111.29 0.37 -105.64	115.72 1.19 -98.48	140.90 1.59 -118.18	135.28 1.33 -116.88	127.11 1.56 -106.22	133.13 2.10 -106.00	149.34 1.79 -126.27	115.76 1.85 -92.79	116.36 1.35 -98.90	111.42 -0.17 -113.70	104.45 1.47 -85.18	154.91 4.63 -90.47	114.98 7.53 -8.75	178.40 12.59 0.00	211.86 14.93 0.00	301.26 20.37 0.00	87.82 4.37 -28.85	86.44 1.25 -68.50	92.16 3.12 -42.31
DELAWARE___LFGE 323621	43.14 -0.34 -51.60	48.72 -0.52 -61.39	38.19 -0.98 -62.12	38.22 -0.57 -51.70	43.73 -0.65 -59.00	50.64 0.25 -45.12	58.88 0.76 -42.08	72.84 1.02 -50.70	68.03 0.83 -50.14	65.86 0.96 -45.56	71.78 1.27 -45.47	76.51 1.06 -54.17	62.01 1.09 -39.81	59.34 0.81 -42.42	46.56 -0.10 -48.77	55.24 0.89 -36.54	101.49 2.87 -38.81	106.94 4.49 -3.75	173.47 7.67 0.00	206.05 9.12 0.00	293.65 12.76 0.00	69.56 2.58 -12.37	46.79 0.72 -29.39	66.67 1.79 -18.15
DOGLEVILLE___HYD 23807	-11.23 -0.29 2.82	-15.90 -0.39 3.36	-27.41 -1.06 3.40	-16.13 -0.38 2.83	-18.39 -0.54 3.23	3.03 0.23 2.47	14.45 0.72 2.32	19.12 0.99 2.99	14.86 0.75 2.96	17.56 0.90 2.69	23.52 1.17 2.69	18.95 0.87 3.20	19.54 0.77 2.35	14.24 0.64 2.50	-5.07 -0.08 2.88	16.39 0.73 2.16	60.28 2.77 2.29	103.70 5.23 0.22	175.16 9.35 0.00	208.43 11.50 0.00	297.45 16.56 0.00	57.12 3.25 0.73	15.89 0.95 1.74	48.14 2.48 1.07
DUNKIRK___1 23563	13.16 0.20 -21.07	13.27 0.36 -25.07	3.24 0.82 -25.37	8.60 0.40 -21.12	9.95 0.47 -24.10	23.59 -0.11 -18.43	32.86 -0.37 -17.19	41.67 -0.36 -20.92	37.42 -0.33 -20.69	37.81 -0.33 -18.80	43.36 -0.44 -18.76	43.19 -0.45 -22.35	37.24 -0.30 -16.42	33.41 -0.20 -17.50	18.05 0.03 -20.12	32.77 -0.11 -15.07	74.78 -1.04 -16.01	96.95 -3.29 -1.55	159.59 -6.21 0.00	187.01 -9.93 0.00	266.68 -14.21 0.00	56.33 -3.38 -5.10	27.62 -1.19 -12.12	50.99 -3.24 -7.49
DUNKIRK___2 23564	13.16 0.20 -21.07	13.27 0.36 -25.07	3.24 0.82 -25.37	8.60 0.40 -21.12	9.95 0.47 -24.10	23.59 -0.11 -18.43	32.86 -0.37 -17.19	41.67 -0.36 -20.92	37.42 -0.33 -20.69	37.81 -0.33 -18.80	43.36 -0.44 -18.76	43.19 -0.45 -22.35	37.24 -0.30 -16.42	33.41 -0.20 -17.50	18.05 0.03 -20.12	32.77 -0.11 -15.07	74.78 -1.04 -16.01	96.95 -3.29 -1.55	159.59 -6.21 0.00	187.01 -9.93 0.00	266.68 -14.21 0.00	56.33 -3.38 -5.10	27.62 -1.19 -12.12	50.99 -3.24 -7.49
DUNKIRK___3 23565	13.22 0.23 -21.12	13.34 0.38 -25.12	3.33 0.86 -25.42	8.67 0.43 -21.16	10.02 0.50 -24.14	23.60 -0.13 -18.47	32.83 -0.44 -17.22	41.59 -0.48 -20.95	37.32 -0.46 -20.72	37.68 -0.48 -18.83	43.18 -0.64 -18.78	43.04 -0.63 -22.38	37.06 -0.50 -16.45	33.27 -0.37 -17.53	18.09 0.05 -20.15	32.61 -0.30 -15.10	74.25 -1.59 -16.03	96.09 -4.15 -1.55	158.58 -7.23 0.00	186.18 -10.75 0.00	265.64 -15.25 0.00	56.22 -3.49 -5.11	27.61 -1.22 -12.14	50.91 -3.32 -7.50
DUNKIRK___4 23566	13.22 0.23 -21.12	13.34 0.38 -25.12	3.33 0.86 -25.42	8.67 0.43 -21.16	10.02 0.50 -24.14	23.60 -0.13 -18.47	32.83 -0.44 -17.22	41.59 -0.48 -20.95	37.32 -0.46 -20.72	37.68 -0.48 -18.83	43.18 -0.64 -18.78	43.04 -0.63 -22.38	37.06 -0.50 -16.45	33.27 -0.37 -17.53	18.09 0.05 -20.15	32.61 -0.30 -15.10	74.25 -1.59 -16.03	96.09 -4.15 -1.55	158.58 -7.23 0.00	186.18 -10.75 0.00	265.64 -15.25 0.00	56.22 -3.49 -5.11	27.61 -1.22 -12.14	50.91 -3.32 -7.50
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	109.63 -0.63 -118.38	127.78 -0.90 -140.84	117.94 -1.63 -142.52	104.75 -0.94 -118.61	119.67 -1.07 -135.36	109.22 0.43 -103.52	113.91 1.37 -96.50	138.71 1.82 -115.77	133.07 1.51 -114.50	125.16 1.77 -104.05	131.27 2.39 -103.84	147.03 2.05 -123.69	114.17 2.16 -90.90	114.58 1.59 -96.88	109.07 -0.20 -111.38	102.97 1.72 -83.44	153.63 5.20 -88.63	115.63 8.36 -8.57	179.66 13.85 0.00	213.29 16.36 0.00	303.13 22.24 0.00	87.80 4.94 -28.26	85.22 1.42 -67.11	91.78 3.60 -41.45
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	106.92 -0.55 -115.59	124.56 -0.81 -137.52	114.75 -1.47 -139.17	102.05 -0.85 -115.82	116.58 -0.97 -132.16	106.73 0.38 -101.08	111.49 1.22 -94.23	135.79 1.61 -113.06	130.22 1.34 -111.81	122.51 1.56 -101.61	128.53 2.09 -101.40	143.86 1.78 -120.79	111.75 1.87 -88.77	112.09 1.37 -94.61	106.48 -0.18 -108.77	100.78 1.48 -81.48	150.94 4.59 -86.55	114.56 7.50 -8.37	178.28 12.48 0.00	211.73 14.80 0.00	301.25 20.36 0.00	86.57 4.36 -27.60	83.47 1.25 -65.53	90.35 3.14 -40.47
E179THST_138_KV_TB4_REV_LBMP_J 345001	109.63 -0.63 -118.39	127.78 -0.91 -140.84	117.95 -1.63 -142.53	104.74 -0.96 -118.62	119.68 -1.06 -135.36	109.24 0.44 -103.53	113.94 1.39 -96.50	138.75 1.85 -115.78	133.13 1.55 -114.51	125.20 1.81 -104.05	131.32 2.44 -103.84	147.10 2.11 -123.70	114.28 2.26 -90.90	114.64 1.64 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.70 5.26 -88.63	115.88 8.61 -8.57	179.87 14.06 0.00	213.46 16.53 0.00	303.44 22.55 0.00	88.03 5.16 -28.26	85.26 1.46 -67.11	91.78 3.60 -41.45
EAST HAMPTON___GT 23717	109.02 -1.26 -118.41	126.89 -1.83 -140.87	116.35 -3.26 -142.56	103.79 -1.94 -118.64	118.56 -2.20 -135.39	109.68 0.87 -103.55	115.30 2.73 -96.52	140.52 3.60 -115.80	134.29 2.70 -114.53	126.41 2.99 -104.07	133.79 4.04 -104.70	157.46 3.53 -132.64	124.69 3.60 -99.98	115.67 2.65 -96.91	108.95 -0.35 -111.41	107.66 3.12 -86.73	162.02 10.21 -92.01	148.99 15.86 -34.43	218.24 24.72 -27.72	221.88 24.95 0.00	316.30 35.41 0.00	91.34 8.48 -28.26	86.32 2.51 -67.12	94.92 6.74 -41.45
EAST RIVER___6 23660	109.63 -0.62 -118.38	127.80 -0.88 -140.83	117.98 -1.58 -142.52	104.77 -0.92 -118.61	119.69 -1.04 -135.35	109.22 0.43 -103.51	113.90 1.36 -96.49	138.70 1.81 -115.77	133.08 1.52 -114.49	125.17 1.78 -104.04	131.29 2.43 -103.83	147.07 2.09 -123.69	114.23 2.22 -90.90	114.62 1.63 -96.88	109.05 -0.21 -111.37	103.00 1.76 -83.44	153.58 5.15 -88.62	115.51 8.25 -8.57	179.39 13.58 0.00	213.09 16.16 0.00	302.87 21.98 0.00	87.88 5.02 -28.26	85.23 1.44 -67.10	91.77 3.59 -41.44
EAST RIVER___7 23524	109.63 -0.62 -118.38	127.80 -0.88 -140.83	117.98 -1.58 -142.52	104.77 -0.92 -118.61	119.69 -1.04 -135.35	109.22 0.43 -103.51	113.90 1.36 -96.49	138.70 1.81 -115.77	133.08 1.52 -114.49	125.17 1.78 -104.04	131.29 2.43 -103.83	147.07 2.09 -123.69	114.23 2.22 -90.90	114.62 1.63 -96.88	109.05 -0.21 -111.37	103.00 1.76 -83.44	153.58 5.15 -88.62	115.51 8.25 -8.57	179.39 13.58 0.00	213.09 16.16 0.00	302.87 21.98 0.00	87.88 5.02 -28.26	85.23 1.44 -67.10	91.77 3.59 -41.44
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	109.39 -0.61 -118.13	127.50 -0.88 -140.53	117.68 -1.58 -142.22	104.52 -0.92 -118.36	119.41 -1.04 -135.06	108.98 0.42 -103.30	113.66 1.33 -96.29	138.40 1.76 -115.52	132.78 1.46 -114.26	124.88 1.71 -103.83	130.96 2.31 -103.61	146.69 1.98 -123.43	113.91 2.09 -90.71	114.32 1.54 -96.67	108.83 -0.20 -111.14	102.73 1.66 -83.26	153.26 5.01 -88.44	115.34 8.09 -8.55	179.20 13.39 0.00	212.80 15.87 0.00	302.48 21.59 0.00	87.58 4.78 -28.20	85.02 1.37 -66.96	91.56 3.47 -41.36



EAST_HAMPTON___DIESEL 23722	109.02 -1.26 -118.41	126.88 -1.83 -140.87	116.35 -3.26 -142.56	103.79 -1.94 -118.64	118.56 -2.21 -135.39	109.69 0.87 -103.55	115.30 2.74 -96.52	140.52 3.60 -115.80	134.29 2.70 -114.53	126.41 2.99 -104.07	133.79 4.05 -104.70	157.46 3.53 -132.64	124.69 3.60 -99.98	115.67 2.65 -96.91	108.95 -0.35 -111.41	107.66 3.12 -86.73	162.03 10.21 -92.01	148.98 15.85 -34.43	218.25 24.73 -27.72	222.05 25.12 0.00	316.37 35.48 0.00	91.35 8.48 -28.26	86.32 2.51 -67.12	94.93 6.75 -41.45
EAST_RIVER___1 323558	109.63 -0.62 -118.37	127.80 -0.88 -140.83	117.98 -1.59 -142.52	104.76 -0.93 -118.60	119.68 -1.04 -135.35	109.21 0.43 -103.51	113.90 1.37 -96.49	138.70 1.82 -115.77	133.08 1.53 -114.49	125.19 1.80 -104.04	131.31 2.44 -103.83	147.07 2.10 -123.69	114.24 2.24 -90.89	114.63 1.64 -96.87	109.05 -0.21 -111.37	103.01 1.77 -83.44	153.64 5.21 -88.62	115.61 8.34 -8.57	179.55 13.74 0.00	213.23 16.30 0.00	303.15 22.26 0.00	87.92 5.06 -28.26	85.24 1.45 -67.10	91.80 3.62 -41.44
EAST_RIVER___2 323559	109.63 -0.62 -118.38	127.80 -0.88 -140.83	117.98 -1.58 -142.52	104.77 -0.92 -118.61	119.69 -1.04 -135.35	109.22 0.43 -103.51	113.90 1.36 -96.49	138.70 1.81 -115.77	133.08 1.52 -114.49	125.17 1.78 -104.04	131.29 2.43 -103.83	147.07 2.09 -123.69	114.23 2.22 -90.90	114.62 1.63 -96.88	109.05 -0.21 -111.37	103.00 1.76 -83.44	153.58 5.15 -88.62	115.51 8.25 -8.57	179.39 13.58 0.00	213.09 16.16 0.00	302.87 21.98 0.00	87.88 5.02 -28.26	85.23 1.44 -67.10	91.77 3.59 -41.44
EAST___DELAWARE_HYD 23607	98.06 -0.49 -106.68	114.05 -0.71 -126.91	104.20 -1.29 -128.44	93.23 -0.74 -106.88	106.50 -0.85 -121.97	98.89 0.34 -93.28	104.13 1.12 -86.96	127.00 1.52 -104.36	121.53 1.26 -103.21	114.58 1.45 -93.79	120.57 1.93 -93.60	134.42 1.64 -111.50	104.70 1.65 -81.94	104.59 1.15 -87.33	98.14 -0.15 -100.39	94.31 1.29 -75.21	144.01 4.32 -79.89	113.76 7.34 -7.73	178.12 12.32 0.00	211.65 14.72 0.00	300.96 20.07 0.00	84.24 4.17 -25.47	78.35 1.17 -60.49	86.98 2.89 -37.36
ELEC_TRO_TEK 24086	109.53 -0.76 -118.41	127.63 -1.09 -140.87	117.67 -1.93 -142.56	104.58 -1.14 -118.64	119.47 -1.29 -135.39	109.33 0.51 -103.55	114.19 1.62 -96.52	139.06 2.14 -115.80	133.24 1.65 -114.53	125.37 1.95 -104.07	132.44 2.70 -104.70	156.24 2.31 -132.64	123.53 2.44 -99.98	114.81 1.79 -96.91	109.07 -0.23 -111.41	106.50 1.96 -86.73	157.83 6.02 -92.01	142.80 9.67 -34.43	209.06 15.53 -27.72	214.57 17.64 0.00	304.44 23.55 0.00	88.27 5.40 -28.26	85.37 1.57 -67.12	92.33 4.14 -41.45
ELLENBURG_WT_PWR 323604	-7.84 0.28 0.00	-11.83 0.32 0.00	-22.71 0.24 0.00	-12.57 0.35 0.00	-14.34 0.28 0.00	5.12 -0.15 0.00	15.60 -0.44 0.00	20.69 -0.43 0.00	16.59 -0.48 0.00	18.69 -0.65 0.00	24.06 -0.97 0.00	20.42 -0.87 0.00	20.19 -0.92 0.00	15.35 -0.77 0.00	-1.99 0.12 0.00	16.94 -0.87 0.00	58.22 -1.58 0.00	96.48 -2.22 0.00	160.67 -2.86 2.28	196.52 -0.41 0.00	283.39 2.50 0.00	54.89 0.28 0.00	16.83 0.14 0.00	47.60 0.86 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	11.80 0.32 -19.60	11.68 0.51 -23.32	1.73 1.08 -23.60	7.26 0.54 -19.64	8.44 0.65 -22.41	22.22 -0.19 -17.14	31.33 -0.68 -15.96	39.57 -0.96 -19.41	35.36 -0.90 -19.20	35.85 -0.94 -17.44	41.15 -1.30 -17.41	40.80 -1.22 -20.74	35.14 -1.21 -15.24	31.41 -0.94 -16.24	16.69 0.12 -18.67	30.85 -0.95 -13.99	71.10 -3.57 -14.86	92.95 -7.19 -1.44	154.09 -11.71 0.00	181.67 -15.26 0.00	259.70 -21.19 0.00	54.87 -4.47 -4.74	26.49 -1.45 -11.25	49.75 -3.93 -6.95
EMPIRE_CC_1 323656	140.05 -0.59 -148.76	163.97 -0.86 -176.98	154.55 -1.60 -179.10	135.22 -0.92 -149.05	154.46 -1.01 -170.09	135.72 0.37 -130.08	138.41 1.11 -121.26	168.03 1.44 -145.47	162.11 1.17 -143.87	151.45 1.36 -130.74	157.27 1.76 -130.47	178.17 1.45 -155.43	136.79 1.45 -114.22	138.98 1.13 -121.74	137.69 -0.15 -139.95	123.89 1.23 -104.85	175.23 4.06 -111.36	116.08 6.61 -10.77	176.84 11.04 0.00	210.09 13.16 0.00	299.01 18.13 0.00	93.85 3.74 -35.51	102.18 1.17 -84.32	102.05 3.24 -52.08
EMPIRE_CC_2 323658	140.05 -0.59 -148.76	163.97 -0.86 -176.98	154.55 -1.60 -179.10	135.22 -0.92 -149.05	154.46 -1.01 -170.09	135.72 0.37 -130.08	138.41 1.11 -121.26	168.03 1.44 -145.47	162.11 1.17 -143.87	151.45 1.36 -130.74	157.27 1.76 -130.47	178.17 1.45 -155.43	136.79 1.45 -114.22	138.98 1.13 -121.74	137.69 -0.15 -139.95	123.89 1.23 -104.85	175.23 4.06 -111.36	116.08 6.61 -10.77	176.84 11.04 0.00	210.09 13.16 0.00	299.01 18.13 0.00	93.85 3.74 -35.51	102.18 1.17 -84.32	102.05 3.24 -52.08
ERIE_WT_PWR 323693	12.39 0.28 -20.24	12.36 0.44 -24.07	2.36 0.95 -24.36	7.83 0.47 -20.27	9.08 0.56 -23.14	22.81 -0.16 -17.69	31.96 -0.57 -16.48	40.48 -0.76 -20.12	36.22 -0.74 -19.90	36.67 -0.75 -18.08	42.04 -1.04 -18.04	41.78 -1.00 -21.50	35.95 -0.96 -15.80	32.20 -0.75 -16.83	17.34 0.10 -19.35	31.58 -0.73 -14.50	72.41 -2.80 -15.40	94.24 -5.94 -1.49	156.26 -9.54 0.00	184.18 -12.75 0.00	263.06 -17.83 0.00	55.62 -3.89 -4.91	27.05 -1.29 -11.66	50.39 -3.55 -7.20
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.36 -0.19 -26.67	19.29 -0.28 -31.73	8.68 -0.48 -32.11	13.52 -0.29 -26.72	15.51 -0.36 -30.49	28.75 0.16 -23.32	38.35 0.50 -21.81	48.83 0.70 -27.01	44.31 0.54 -26.71	50.07 0.81 -24.22	50.82 0.68 -28.85	42.97 0.65 -21.20	39.22 0.51 -22.60	23.80 -0.07 -25.98	37.88 0.60 -19.47	82.34 1.86 -20.67	103.47 2.78 -2.00	170.70 4.89 0.00	202.45 5.53 0.00	288.66 7.77 0.00	62.50 1.30 -6.59	32.68 0.34 -15.65	57.04 0.65 -9.67	
E_CANADA_CAP_HY 24051	189.83 -0.48 -198.44	223.21 -0.72 -236.08	214.48 -1.48 -238.91	185.10 -0.81 -198.82	211.36 -0.90 -226.89	179.17 0.37 -173.52	178.96 1.14 -161.78	217.09 1.57 -194.40	210.64 1.31 -192.26	195.54 1.49 -174.71	201.34 1.95 -174.36	230.49 1.50 -207.70	175.27 1.52 -152.64	179.87 1.08 -162.68	184.77 -0.14 -187.02	159.12 1.20 -140.11	213.22 4.60 -148.82	120.87 7.78 -14.39	179.12 13.31 0.00	212.97 16.04 0.00	303.56 22.67 0.00	106.39 4.33 -47.45	130.58 1.21 -112.68	119.52 3.19 -69.59
E_CANADA_MHWK_HY 24050	-11.23 -0.29 2.82	-15.90 -0.39 3.36	-27.41 -1.06 3.40	-16.13 -0.38 2.83	-18.39 -0.54 3.23	3.03 0.23 2.47	14.45 0.72 2.32	19.12 0.99 2.99	14.86 0.75 2.96	17.56 0.90 2.69	23.52 1.17 2.69	18.95 0.87 3.20	19.54 0.77 2.35	14.24 0.64 2.50	-5.07 -0.08 2.88	16.39 0.73 2.16	60.28 2.77 2.29	103.70 5.23 0.22	175.16 9.35 0.00	208.43 11.50 0.00	297.45 16.56 0.00	57.12 3.25 0.73	15.89 0.95 1.74	48.14 2.48 1.07
E_FISHKILL___LBMP 23776	112.12 -0.58 -120.83	130.75 -0.85 -143.75	120.98 -1.54 -145.48	107.26 -0.89 -121.07	122.54 -1.00 -138.16	111.33 0.39 -105.66	115.79 1.25 -98.49	140.94 1.66 -118.16	135.31 1.38 -116.87	127.16 1.61 -106.20	133.19 2.17 -105.98	149.39 1.85 -126.25	115.83 1.94 -92.78	116.43 1.43 -98.88	111.39 -0.18 -113.68	104.51 1.54 -85.16	155.02 4.76 -90.46	115.15 7.70 -8.75	178.61 12.80 0.00	212.06 15.13 0.00	301.57 20.69 0.00	87.97 4.52 -28.84	86.49 1.31 -68.49	92.37 3.34 -42.30
FALCON___SEABRD_CC1 323796	-7.95 0.17 0.00	-12.01 0.14 0.00	-23.05 -0.10 0.00	-12.76 0.15 0.00	-14.59 0.03 0.00	5.20 -0.08 0.00	15.86 -0.18 0.00	21.09 -0.03 0.00	16.91 -0.15 0.00	19.05 -0.29 0.00	24.52 -0.52 0.00	20.78 -0.51 0.00	20.52 -0.59 0.00	15.57 -0.54 0.00	-1.99 0.12 0.00	17.03 -0.78 0.00	58.60 -1.21 0.00	97.01 -1.69 0.00	161.84 2.30 2.28	199.23 7.65 0.00	288.54 1.32 0.00	55.92 1.32 0.00	17.13 0.45 0.00	48.41 1.68 0.00



FALCON___SEABRD_CC2 323797	-7.95 0.17 0.00	-12.01 0.14 0.00	-23.05 -0.10 0.00	-12.76 0.15 0.00	-14.59 0.03 0.00	5.20 -0.08 0.00	15.86 -0.18 0.00	21.09 -0.03 0.00	16.91 -0.15 0.00	19.05 -0.29 0.00	24.52 -0.52 0.00	20.78 -0.51 0.00	20.52 -0.59 0.00	15.57 -0.54 0.00	-1.99 0.12 0.00	17.03 -0.78 0.00	58.60 -1.21 0.00	97.01 -1.69 0.00	161.84 -1.69 2.28	199.23 2.30 0.00	288.54 7.65 0.00	55.92 1.32 0.00	17.13 0.45 0.00	48.41 1.68 0.00
FAR ROCKAWAY___4 23548	109.40 -0.89 -118.41	127.43 -1.29 -140.87	117.33 -2.28 -142.56	104.38 -1.34 -118.64	119.24 -1.52 -135.39	109.42 0.60 -103.55	114.46 1.89 -96.52	139.43 2.51 -115.80	133.53 1.94 -114.53	125.68 2.27 -104.07	132.87 3.12 -104.70	156.62 2.69 -132.64	123.89 2.80 -99.98	115.08 2.05 -96.91	109.03 -0.26 -111.41	106.82 2.28 -86.73	158.94 7.12 -92.01	144.60 11.46 -34.43	212.34 18.81 -27.72	218.43 21.49 0.00	309.65 28.76 0.00	89.20 6.33 -28.26	85.66 1.85 -67.12	93.11 4.93 -41.45
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	109.62 -0.64 -118.38	127.77 -0.91 -140.83	117.93 -1.63 -142.52	104.74 -0.95 -118.61	119.66 -1.07 -135.35	109.22 0.44 -103.51	113.93 1.40 -96.49	138.74 1.85 -115.77	133.12 1.56 -114.49	125.23 1.84 -104.04	131.36 2.49 -103.83	147.12 2.14 -123.69	114.29 2.28 -90.90	114.66 1.67 -96.88	109.05 -0.21 -111.37	103.05 1.80 -83.44	153.71 5.29 -88.62	115.80 8.53 -8.57	179.88 14.08 0.00	213.59 16.66 0.00	303.70 22.81 0.00	88.03 5.17 -28.26	85.27 1.48 -67.10	91.89 3.71 -41.44
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	109.63 -0.62 -118.38	127.79 -0.89 -140.83	117.94 -1.63 -142.52	104.74 -0.95 -118.61	119.66 -1.07 -135.35	109.22 0.44 -103.51	113.93 1.40 -96.49	138.74 1.85 -115.77	133.11 1.55 -114.49	125.21 1.82 -104.04	131.35 2.48 -103.83	147.11 2.14 -123.69	114.27 2.27 -90.90	114.65 1.66 -96.88	109.05 -0.21 -111.37	103.04 1.80 -83.44	153.71 5.28 -88.62	115.75 8.48 -8.57	179.78 13.97 0.00	213.57 16.64 0.00	303.69 22.80 0.00	88.03 5.17 -28.26	85.27 1.48 -67.10	91.89 3.71 -41.44
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	109.62 -0.63 -118.38	127.79 -0.89 -140.83	117.96 -1.61 -142.52	104.76 -0.93 -118.61	119.68 -1.05 -135.35	109.22 0.43 -103.51	113.91 1.37 -96.49	138.70 1.82 -115.77	133.09 1.53 -114.49	125.19 1.80 -104.04	131.31 2.45 -103.83	147.09 2.11 -123.69	114.25 2.24 -90.90	114.64 1.65 -96.88	109.05 -0.21 -111.37	103.03 1.78 -83.44	153.64 5.22 -88.62	115.63 8.36 -8.57	179.58 13.77 0.00	213.32 16.40 0.00	303.16 22.27 0.00	87.94 5.08 -28.26	85.24 1.46 -67.10	91.82 3.64 -41.44
FARRAGUT___LBMP 323566	109.63 -0.62 -118.38	127.80 -0.88 -140.83	117.98 -1.59 -142.52	104.77 -0.92 -118.61	119.69 -1.04 -135.35	109.22 0.43 -103.51	113.90 1.36 -96.49	138.68 1.80 -115.77	133.07 1.51 -114.49	125.17 1.78 -104.04	131.29 2.42 -103.83	147.06 2.09 -123.69	114.22 2.22 -90.90	114.62 1.63 -96.88	109.06 -0.21 -111.37	103.00 1.76 -83.44	153.58 5.15 -88.62	115.52 8.26 -8.57	179.40 13.59 0.00	213.13 16.20 0.00	302.88 21.99 0.00	87.89 5.03 -28.26	85.24 1.45 -67.10	91.79 3.61 -41.44
FENNER___WINDPWR 24204	4.98 -0.14 -13.24	3.37 -0.23 -15.75	-7.47 -0.46 -15.94	0.08 -0.27 -13.27	0.16 -0.35 -15.14	17.00 0.15 -11.58	26.63 0.48 -10.10	25.00 0.79 -3.08	20.72 0.61 -3.05	22.89 0.77 -2.77	28.81 1.00 -2.77	25.40 0.81 -3.30	24.27 0.73 -2.42	19.22 0.53 -2.58	0.80 -0.06 -2.97	20.66 0.62 -2.22	64.63 2.46 -2.36	103.29 4.37 -0.23	173.68 7.13 -0.74	205.19 8.26 0.00	292.79 11.90 0.00	57.57 2.22 -0.75	19.07 0.60 -1.78	49.25 1.42 -1.10
FIBERTEK___ENERGY 23856	4.02 0.01 -12.13	2.29 0.02 -14.43	-8.27 0.08 -14.60	-0.74 0.03 -12.15	-0.75 0.01 -13.87	15.88 0.01 -10.60	25.97 0.03 -9.90	33.20 0.04 -12.04	28.98 0.01 -11.91	30.17 0.01 -10.82	35.86 0.02 -10.80	34.19 0.04 -12.86	30.57 0.00 -9.45	26.22 0.04 -10.07	9.47 -0.01 -11.58	26.54 0.05 -8.68	68.92 -0.10 -9.22	99.17 -0.41 -0.89	165.10 -0.70 0.00	195.79 -1.14 0.00	279.13 -1.76 0.00	57.12 -0.43 -2.94	23.54 -0.12 -6.98	50.45 -0.59 -4.31
FITZPATRICK___ 23598	-0.54 0.23 -7.35	-3.06 0.35 -8.75	-13.42 0.68 -8.85	-5.18 0.37 -7.37	-5.79 0.42 -8.41	11.56 -0.14 -6.43	21.60 -0.45 -6.00	27.78 -0.61 -7.27	23.75 -0.50 -7.19	25.29 -0.58 -6.53	30.81 -0.74 -6.52	28.44 -0.61 -7.77	26.17 -0.65 -5.71	21.74 -0.45 -6.08	4.94 0.06 -6.99	22.55 -0.50 -5.24	63.43 -1.94 -5.56	95.81 -3.42 -0.54	160.09 -5.72 0.00	189.96 -6.97 0.00	270.93 -9.96 0.00	54.41 -1.97 -1.77	20.33 -0.57 -4.21	47.51 -1.82 -2.60
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	110.95 -0.68 -119.75	129.33 -0.98 -142.46	119.41 -1.80 -144.17	106.02 -1.04 -119.98	121.11 -1.18 -136.92	110.45 0.46 -104.71	115.13 1.48 -97.61	140.21 1.97 -117.11	134.52 1.63 -115.83	126.49 1.89 -105.26	132.60 2.52 -105.04	148.56 2.15 -125.13	115.29 2.22 -91.95	115.76 1.64 -98.00	110.35 -0.21 -112.67	104.01 1.79 -84.41	155.17 5.71 -89.65	116.69 9.32 -8.67	181.32 15.51 0.00	215.37 18.44 0.00	306.20 25.31 0.00	88.51 5.32 -28.59	86.10 1.53 -67.89	92.57 3.91 -41.93
FORT ORANGE___ 23900	147.77 -0.61 -156.50	173.17 -0.86 -186.18	163.86 -1.61 -188.42	142.96 -0.92 -156.80	163.30 -1.01 -178.94	142.48 0.36 -136.85	144.67 1.04 -127.59	175.75 1.25 -153.38	169.69 0.93 -151.69	158.27 1.08 -137.84	163.95 1.35 -137.56	186.27 1.11 -163.87	142.65 1.12 -120.43	145.43 0.97 -128.35	145.32 -0.12 -147.55	129.41 1.06 -110.54	180.37 3.15 -117.41	115.45 5.39 -11.36	174.70 8.90 0.00	207.49 10.56 0.00	295.14 14.26 0.00	94.97 2.92 -37.44	106.65 1.06 -88.90	104.96 3.32 -54.91
FORT_DRUM_COGEN 23780	-3.35 0.05 -4.72	-6.49 0.04 -5.62	-17.10 0.17 -5.69	-8.15 0.04 -4.73	-9.23 -0.01 -5.40	9.49 0.09 -4.13	20.28 0.38 -3.85	26.09 0.54 -4.43	22.08 0.64 -4.38	24.05 0.73 -3.98	29.91 0.91 -3.97	26.77 0.75 -4.73	25.25 0.67 -3.47	20.26 0.44 -3.70	2.10 -0.05 -4.26	21.55 0.55 -3.19	65.63 2.44 -3.39	103.88 4.86 -0.32	178.40 9.32 -3.28	207.75 10.82 0.00	296.39 15.50 0.00	58.14 2.47 -1.07	19.86 0.64 -2.54	49.61 1.30 -1.57
FPL_FAR_ROCK_GT1 24212	109.40 -0.89 -118.41	127.43 -1.29 -140.87	117.33 -2.28 -142.56	104.38 -1.34 -118.64	119.24 -1.52 -135.39	109.42 0.60 -103.55	114.46 1.89 -96.52	139.43 2.51 -115.80	133.53 1.94 -114.53	125.68 2.27 -104.07	132.87 3.12 -104.70	156.62 2.69 -132.64	123.89 2.80 -99.98	115.08 2.05 -96.91	109.03 -0.26 -111.41	106.82 2.28 -86.73	158.94 7.12 -92.01	144.60 11.46 -34.43	212.34 18.81 -27.72	218.43 21.49 0.00	309.65 28.76 0.00	89.20 6.33 -28.26	85.66 1.85 -67.12	93.11 4.93 -41.45
FPL_FAR_ROCK_GT2 23815	109.40 -0.89 -118.41	127.43 -1.29 -140.87	117.33 -2.28 -142.56	104.38 -1.34 -118.64	119.24 -1.52 -135.39	109.42 0.60 -103.55	114.46 1.89 -96.52	139.43 2.51 -115.80	133.53 1.94 -114.53	125.68 2.27 -104.07	132.87 3.12 -104.70	156.62 2.69 -132.64	123.89 2.80 -99.98	115.08 2.05 -96.91	109.03 -0.26 -111.41	106.82 2.28 -86.73	158.94 7.12 -92.01	144.60 11.46 -34.43	212.34 18.81 -27.72	218.43 21.49 0.00	309.65 28.76 0.00	89.20 6.33 -28.26	85.66 1.85 -67.12	93.11 4.93 -41.45
FRANKLIN_FALL_HYD 24054	-8.06 0.06 0.00	-12.14 0.01 0.00	-23.17 -0.22 0.00	-12.90 0.02 0.00	-14.69 -0.07 0.00	5.26 -0.01 0.00	16.15 0.11 0.00	21.49 0.37 0.00	17.27 0.20 0.00	19.50 0.16 0.00	25.08 0.04 0.00	21.29 0.00 0.00	21.07 -0.04 0.00	16.03 -0.08 0.00	-2.08 0.03 0.00	17.70 -0.11 0.00	60.65 0.84 0.00	99.54 0.85 0.00	190.25 2.50 -21.95	202.23 5.28 -0.01	290.99 10.10 0.00	56.26 1.66 0.00	17.19 0.51 0.00	48.65 1.92 0.00



FREEPORT_EQUS_GT1 23764	109.44 -0.85 -118.41	127.49 -1.23 -140.87	117.44 -2.16 -142.56	104.44 -1.28 -118.64	119.31 -1.46 -135.39	109.39 0.57 -103.55	114.37 1.80 -96.52	139.31 2.39 -115.80	133.42 1.82 -114.53	125.55 2.13 -104.07	132.67 2.93 -104.70	156.45 2.53 -132.64	123.75 2.66 -99.98	114.96 1.94 -96.91	109.05 -0.25 -111.41	106.69 2.15 -86.73	158.29 6.47 -92.01	143.73 10.60 -34.43	210.34 16.81 -27.72	215.41 0.00 0.00	306.19 25.30 0.00	88.82 5.95 -28.26	85.54 1.73 -67.12	92.80 4.60 -41.45
FREEPORT___CT2 23818	109.44 -0.85 -118.41	127.49 -1.23 -140.87	117.44 -2.16 -142.56	104.44 -1.28 -118.64	119.31 -1.46 -135.39	109.39 0.57 -103.55	114.37 1.80 -96.52	139.31 2.39 -115.80	133.42 1.82 -114.53	125.55 2.13 -104.07	132.67 2.93 -104.70	156.45 2.53 -132.64	123.75 2.66 -99.98	114.96 1.94 -96.91	109.05 -0.25 -111.41	106.69 2.15 -86.73	158.29 6.47 -92.01	143.73 10.60 -34.43	210.34 16.81 -27.72	215.41 18.48 0.00	306.19 25.30 0.00	88.82 5.95 -28.26	85.54 1.73 -67.12	92.80 4.60 -41.45
FULTON COGEN____ 23766	1.47 0.11 -9.48	-0.70 0.18 -11.27	-11.17 0.38 -11.41	-3.23 0.19 -9.49	-3.58 0.21 -10.83	13.49 -0.06 -8.29	23.58 -0.20 -7.73	30.18 -0.27 -9.33	26.06 -0.23 -9.23	27.46 -0.27 -8.38	33.07 -0.34 -8.37	30.99 -0.26 -9.97	28.14 -0.29 -7.32	23.73 -0.19 -7.81	6.89 0.02 -8.97	24.33 -0.20 -6.72	66.00 -0.95 -7.14	97.62 -1.77 -0.69	163.20 -3.01 -0.40	193.12 -3.81 0.00	275.24 -5.65 0.00	55.73 -1.15 -2.28	21.75 -0.33 -5.40	48.84 -1.23 -3.34
FULTON___LFGE 323630	180.69 -1.01 -189.82	212.14 -1.54 -225.83	202.69 -2.89 -228.54	175.71 -1.57 -190.19	200.55 -1.87 -217.04	171.99 0.73 -165.99	172.99 2.19 -154.75	210.02 2.92 -185.98	203.31 2.31 -183.94	189.13 2.63 -167.15	195.18 3.33 -166.81	222.58 2.58 -198.71	169.74 2.61 -146.03	173.71 1.96 -155.64	176.56 -0.25 -178.92	154.07 2.22 -134.04	210.50 8.32 -142.37	126.26 13.79 -13.77	189.12 23.31 0.00	224.31 27.38 0.00	319.10 38.21 0.00	107.15 7.15 -45.40	126.57 2.08 -107.81	119.12 5.80 -66.58
G.F.CEMENT___DRP 24184	159.47 -0.88 -168.47	187.01 -1.27 -200.43	177.52 -2.36 -202.83	154.55 -1.33 -168.80	176.51 -1.50 -192.63	153.16 0.57 -147.32	155.22 1.81 -137.37	188.91 2.49 -165.30	182.61 2.05 -163.49	170.21 2.31 -148.56	176.28 2.99 -148.26	200.36 2.46 -176.61	153.28 2.37 -129.79	156.17 1.73 -138.33	156.68 -0.24 -159.03	138.97 2.02 -119.14	193.92 7.57 -126.54	123.00 12.07 -12.24	185.69 19.89 0.00	220.55 23.62 0.00	313.38 32.49 0.00	101.26 6.31 -40.35	114.38 1.87 -95.82	110.99 5.08 -59.18
GARDENVILLE___LBMP 24039	12.30 0.30 -20.12	12.26 0.47 -23.94	2.28 1.01 -24.23	7.75 0.50 -20.16	8.99 0.60 -23.01	22.69 -0.18 -17.60	31.81 -0.62 -16.39	40.22 -0.85 -19.95	36.00 -0.80 -19.74	36.45 -0.83 -17.93	41.79 -1.15 -17.90	41.52 -1.09 -21.32	35.73 -1.05 -15.67	31.99 -0.82 -16.70	17.19 0.10 -19.20	31.38 -0.81 -14.38	72.00 -3.08 -15.27	93.77 -6.40 -1.48	155.46 -10.34 0.00	183.22 -13.71 0.00	261.75 -19.14 0.00	55.36 -4.11 -4.87	26.89 -1.36 -11.56	50.17 -3.71 -7.14
GENERAL___MILLS 23808	12.39 0.28 -20.24	12.36 0.44 -24.07	2.35 0.94 -24.36	7.82 0.46 -20.27	9.08 0.56 -23.14	22.81 -0.16 -17.69	31.96 -0.57 -16.48	40.47 -0.78 -20.12	36.22 -0.74 -19.90	36.65 -0.77 -18.08	42.02 -1.06 -18.04	41.76 -1.02 -21.50	35.92 -0.99 -15.80	32.19 -0.76 -16.83	17.34 0.10 -19.35	31.56 -0.75 -14.50	72.35 -2.86 -15.40	94.15 -6.03 -1.49	156.11 -9.70 0.00	184.00 -12.93 0.00	262.84 -18.05 0.00	55.60 -3.92 -4.91	27.05 -1.29 -11.66	50.38 -3.56 -7.20
GE_PLASTICS___DRP 24183	144.28 -0.53 -152.92	169.01 -0.77 -181.94	159.72 -1.45 -184.12	139.48 -0.83 -153.22	159.32 -0.91 -174.85	139.33 0.34 -133.72	141.71 0.99 -124.67	172.15 1.24 -149.79	166.18 0.97 -148.15	155.09 1.12 -134.62	160.82 1.43 -134.35	182.52 1.20 -160.04	139.93 1.20 -117.61	142.45 0.99 -125.35	141.87 -0.13 -144.10	126.84 1.07 -107.95	177.76 3.28 -114.67	115.22 5.43 -11.09	174.87 9.06 0.00	207.71 10.78 0.00	295.51 14.62 0.00	94.23 3.06 -36.56	104.52 1.01 -86.83	103.24 2.88 -53.62
GILBOA___1 23756	108.29 -0.42 -116.83	126.18 -0.67 -139.00	116.40 -1.31 -140.66	103.40 -0.75 -117.06	118.14 -0.82 -133.59	107.71 0.28 -102.16	112.09 0.80 -95.24	136.49 1.05 -114.32	130.99 0.86 -113.07	123.09 1.00 -102.75	128.90 1.33 -102.54	144.54 1.11 -122.14	112.02 1.14 -89.76	112.65 0.87 -95.67	107.76 -0.11 -109.98	101.15 0.94 -82.39	150.26 2.94 -87.52	111.64 4.48 -8.46	173.51 7.70 0.00	206.32 9.39 0.00	293.80 12.91 0.00	85.24 2.73 -27.90	83.76 0.81 -66.27	89.79 2.13 -40.93
GILBOA___2 23757	108.29 -0.42 -116.83	126.18 -0.67 -139.00	116.40 -1.31 -140.66	103.40 -0.75 -117.06	118.14 -0.82 -133.59	107.71 0.28 -102.16	112.09 0.80 -95.24	136.49 1.05 -114.32	130.99 0.86 -113.07	123.09 1.00 -102.75	128.90 1.33 -102.54	144.54 1.11 -122.14	112.02 1.14 -89.76	112.65 0.87 -95.67	107.76 -0.11 -109.98	101.15 0.94 -82.39	150.26 2.94 -87.52	111.64 4.48 -8.46	173.51 7.70 0.00	206.32 9.39 0.00	293.80 12.91 0.00	85.24 2.73 -27.90	83.76 0.81 -66.27	89.79 2.13 -40.93
GILBOA___3 23758	108.29 -0.42 -116.83	126.18 -0.67 -139.00	116.40 -1.31 -140.66	103.40 -0.75 -117.06	118.14 -0.82 -133.59	107.71 0.28 -102.16	112.09 0.80 -95.24	136.49 1.05 -114.32	130.99 0.86 -113.07	123.09 1.00 -102.75	128.90 1.33 -102.54	144.54 1.11 -122.14	112.02 1.14 -89.76	112.65 0.87 -95.67	107.76 -0.11 -109.98	101.15 0.94 -82.39	150.26 2.94 -87.52	111.64 4.48 -8.46	173.51 7.70 0.00	206.32 9.39 0.00	293.80 12.91 0.00	85.24 2.73 -27.90	83.76 0.81 -66.27	89.79 2.13 -40.93
GILBOA___4 23759	108.29 -0.42 -116.83	126.18 -0.67 -139.00	116.40 -1.31 -140.66	103.40 -0.75 -117.06	118.14 -0.82 -133.59	107.71 0.28 -102.16	112.09 0.80 -95.24	136.49 1.05 -114.32	130.99 0.86 -113.07	123.09 1.00 -102.75	128.90 1.33 -102.54	144.54 1.11 -122.14	112.02 1.14 -89.76	112.65 0.87 -95.67	107.76 -0.11 -109.98	101.15 0.94 -82.39	150.26 2.94 -87.52	111.64 4.48 -8.46	173.51 7.70 0.00	206.32 9.39 0.00	293.80 12.91 0.00	85.24 2.73 -27.90	83.76 0.81 -66.27	89.79 2.13 -40.93
GILBOA____ 23599	108.29 -0.42 -116.83	126.18 -0.67 -139.00	116.40 -1.31 -140.66	103.40 -0.75 -117.06	118.14 -0.82 -133.59	107.71 0.28 -102.16	112.09 0.80 -95.24	136.49 1.05 -114.32	130.99 0.86 -113.07	123.09 1.00 -102.75	128.90 1.33 -102.54	144.54 1.11 -122.14	112.02 1.14 -89.76	112.65 0.87 -95.67	107.76 -0.11 -109.98	101.15 0.94 -82.39	150.26 2.94 -87.52	111.64 4.48 -8.46	173.51 7.70 0.00	206.32 9.39 0.00	293.80 12.91 0.00	85.24 2.73 -27.90	83.76 0.81 -66.27	89.79 2.13 -40.93
GINNA____ 23603	6.59 0.48 -14.24	5.53 0.75 -16.93	-4.36 1.46 -17.14	2.12 0.78 -14.26	2.55 0.89 -16.27	17.44 -0.28 -12.45	26.78 -0.88 -11.61	34.01 -1.19 -14.08	29.98 -1.01 -13.93	30.90 -1.10 -12.66	36.21 -1.46 -12.63	35.03 -1.31 -15.05	30.82 -1.35 -11.06	26.86 -1.04 -11.79	11.57 0.13 -13.55	26.86 -1.10 -10.15	66.67 -3.91 -10.78	92.70 -7.04 -1.04	153.96 -11.84 0.00	182.23 -14.70 0.00	259.97 -20.92 0.00	53.78 -4.26 -3.44	23.52 -1.33 -8.16	47.91 -3.86 -5.04
GLEN PARK____ 23778	-3.10 0.01 -5.01	-6.21 -0.02 -5.96	-16.85 0.07 -6.03	-7.92 -0.03 -5.02	-8.98 -0.08 -5.72	9.76 0.11 -4.38	20.60 0.47 -4.09	26.50 0.66 -4.72	22.47 0.74 -4.66	24.43 0.85 -4.24	30.31 1.04 -4.23	27.20 0.88 -5.04	25.61 0.80 -3.70	20.60 0.55 -3.95	2.37 -0.06 -4.54	21.86 0.65 -3.40	66.21 2.80 -3.61	104.51 5.47 -0.35	179.41 10.49 -3.11	209.05 12.12 0.00	298.12 17.23 0.00	58.53 2.78 -1.14	20.13 0.74 -2.71	49.93 1.52 -1.67



GLENWOOD_IC_1_G5 23712	109.53 -0.75 -118.41	127.62 -1.10 -140.87	117.65 -1.95 -142.56	104.58 -1.15 -118.64	119.47 -1.29 -135.39	109.33 0.52 -103.55	114.20 1.63 -96.52	139.08 2.16 -115.80	133.31 1.72 -114.53	125.45 2.03 -104.07	132.52 2.78 -104.70	156.34 2.41 -132.64	123.61 2.52 -99.98	114.87 1.85 -96.91	109.06 -0.23 -111.41	106.46 1.92 -86.73	157.71 5.89 -92.01	142.60 9.47 -34.43	208.67 15.15 -27.72	214.35 17.42 0.00	304.36 23.47 0.00	88.14 5.28 -28.26	85.38 1.57 -67.12	92.41 4.22 -41.45
GLENWOOD_IC_2_G1 23688	109.59 -0.70 -118.41	127.71 -1.01 -140.87	117.80 -1.80 -142.56	104.67 -1.05 -118.64	119.57 -1.19 -135.39	109.29 0.48 -103.55	114.07 1.50 -96.52	138.92 1.99 -115.80	133.20 1.61 -114.53	125.32 1.90 -104.07	132.33 2.59 -104.70	156.15 2.23 -132.64	123.43 2.34 -99.98	114.74 1.72 -96.91	109.08 -0.22 -111.41	106.41 1.87 -86.73	157.53 5.72 -92.01	142.29 9.16 -34.43	208.50 14.98 -27.72	214.33 17.40 0.00	304.36 23.47 0.00	88.11 5.25 -28.26	85.32 1.51 -67.12	92.11 3.92 -41.45
GLENWOOD_IC_3_G1 23689	109.59 -0.70 -118.41	127.71 -1.01 -140.87	117.80 -1.80 -142.56	104.67 -1.05 -118.64	119.57 -1.19 -135.39	109.29 0.48 -103.55	114.07 1.50 -96.52	138.92 1.99 -115.80	133.20 1.61 -114.53	125.32 1.90 -104.07	132.33 2.59 -104.70	156.15 2.23 -132.64	123.43 2.34 -99.98	114.74 1.72 -96.91	109.08 -0.22 -111.41	106.41 1.87 -86.73	157.53 5.72 -92.01	142.29 9.16 -34.43	208.50 14.98 -27.72	214.33 17.40 0.00	304.36 23.47 0.00	88.11 5.25 -28.26	85.32 1.51 -67.12	92.11 3.92 -41.45
GLENWOOD___4 23550	109.53 -0.75 -118.41	127.62 -1.10 -140.87	117.65 -1.95 -142.56	104.58 -1.15 -118.64	119.47 -1.29 -135.39	109.33 0.52 -103.55	114.20 1.63 -96.52	139.08 2.16 -115.80	133.31 1.72 -114.53	125.45 2.03 -104.07	132.52 2.78 -104.70	156.34 2.41 -132.64	123.61 2.52 -99.98	114.87 1.85 -96.91	109.06 -0.23 -111.41	106.50 1.96 -86.73	157.83 6.02 -92.01	142.84 9.70 -34.43	209.13 15.61 -27.72	214.89 17.96 0.00	305.05 24.16 0.00	88.29 5.42 -28.26	85.40 1.59 -67.12	92.41 4.22 -41.45
GLENWOOD___5 23614	109.53 -0.75 -118.41	127.62 -1.10 -140.87	117.65 -1.95 -142.56	104.58 -1.15 -118.64	119.47 -1.29 -135.39	109.33 0.52 -103.55	114.20 1.63 -96.52	139.08 2.16 -115.80	133.31 1.72 -114.53	125.45 2.03 -104.07	132.52 2.78 -104.70	156.34 2.41 -132.64	123.61 2.52 -99.98	114.87 1.85 -96.91	109.06 -0.23 -111.41	106.50 1.96 -86.73	157.83 6.02 -92.01	142.84 9.70 -34.43	209.13 15.61 -27.72	214.89 17.96 0.00	305.05 24.16 0.00	88.29 5.42 -28.26	85.40 1.59 -67.12	92.41 4.22 -41.45
GLOBAL GREEN_PORT_GT1 23814	109.03 -1.25 -118.41	126.90 -1.82 -140.87	116.37 -3.23 -142.56	103.80 -1.92 -118.64	118.58 -2.19 -135.39	109.68 0.86 -103.55	115.28 2.72 -96.52	140.49 3.57 -115.80	134.28 2.69 -114.53	126.39 2.97 -104.07	133.76 4.02 -104.70	157.43 3.50 -132.64	124.67 3.58 -99.98	115.65 2.63 -96.91	108.95 -0.35 -111.41	107.64 3.10 -86.73	161.97 10.16 -92.01	149.05 15.92 -34.43	217.44 23.92 -27.72	219.71 22.78 0.00	314.75 33.86 0.00	91.31 8.44 -28.26	86.31 2.50 -67.12	94.90 6.71 -41.45
GLOBE___DSASP 323697	11.22 0.51 -18.83	11.04 0.79 -22.40	1.27 1.55 -22.67	6.76 0.81 -18.87	7.88 0.97 -21.53	21.44 -0.30 -16.47	30.31 -1.07 -15.33	38.05 -1.56 -18.48	33.93 -1.41 -18.28	34.45 -1.51 -16.61	39.56 -2.06 -16.58	39.16 -1.88 -19.75	33.71 -1.91 -14.51	30.09 -1.50 -15.47	15.87 0.19 -17.78	29.57 -1.57 -13.32	68.38 -5.58 -14.15	89.49 -10.57 -1.37	148.41 -17.39 0.00	175.22 -21.71 0.00	250.85 -30.04 0.00	53.09 -6.03 -4.51	25.52 -1.88 -10.71	48.33 -5.03 -6.62
GOETHSLN___LBMP 323567	109.68 -0.57 -118.38	127.87 -0.81 -140.83	118.14 -1.43 -142.52	104.86 -0.83 -118.61	119.79 -0.94 -135.35	109.17 0.39 -103.51	110.85 1.24 -93.56	109.82 1.64 -87.06	123.01 1.38 -104.56	125.03 1.64 -104.04	126.63 2.24 -99.35	146.92 1.94 -123.69	114.10 2.09 -90.90	114.52 1.53 -96.88	109.07 -0.19 -111.37	102.89 1.64 -83.44	153.17 4.74 -88.62	114.88 7.61 -8.57	178.39 12.58 0.00	211.86 14.93 0.00	301.33 20.44 0.00	87.61 4.75 -28.26	85.15 1.36 -67.10	91.54 3.37 -41.44
GOODYEAR_LAKE_HYD 323669	27.27 -0.37 -35.75	29.83 -0.56 -42.54	19.01 -1.08 -43.04	22.29 -0.61 -35.82	25.55 -0.71 -40.88	36.82 0.28 -31.26	46.10 0.89 -29.16	57.55 1.22 -35.21	52.87 0.99 -34.82	52.11 1.13 -31.64	58.13 1.52 -31.58	60.14 1.24 -37.62	50.04 1.28 -27.64	46.50 0.92 -29.46	31.64 -0.12 -33.87	44.20 1.02 -25.38	90.22 3.46 -26.95	106.87 5.57 -2.61	175.36 9.56 0.00	208.24 11.31 0.00	296.82 15.93 0.00	66.32 3.12 -8.60	37.95 0.86 -20.41	61.45 2.11 -12.60
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.28 -0.08 -38.48	33.51 -0.12 -45.78	23.24 -0.13 -46.33	25.55 -0.09 -38.55	29.25 -0.13 -43.99	38.98 0.06 -33.64	47.63 0.19 -31.40	59.44 0.33 -37.99	54.84 0.20 -37.57	53.70 0.22 -34.14	59.41 0.30 -34.07	62.11 0.24 -40.59	51.23 0.29 -29.83	48.12 0.22 -31.79	34.41 -0.03 -36.55	45.49 0.30 -27.38	89.58 0.69 -29.08	102.07 0.56 -2.81	167.15 1.34 0.00	198.16 1.23 0.00	282.68 1.79 0.00	64.07 0.19 -9.27	38.69 -0.01 -22.02	60.09 -0.25 -13.60
GOUDEY___7 23579	30.27 -0.08 -38.48	33.50 -0.13 -45.78	23.22 -0.15 -46.33	25.54 -0.10 -38.55	29.23 -0.14 -43.99	38.99 0.07 -33.64	47.65 0.21 -31.40	59.46 0.35 -37.99	54.86 0.22 -37.57	53.72 0.24 -34.14	59.44 0.33 -34.07	62.14 0.26 -40.59	51.26 0.32 -29.83	48.14 0.24 -31.79	34.41 -0.03 -36.55	45.51 0.32 -27.38	89.64 0.75 -29.08	102.19 0.68 -2.81	167.32 1.52 0.00	198.36 1.43 0.00	282.96 2.07 0.00	64.13 0.25 -9.27	38.71 0.01 -22.02	60.13 -0.21 -13.60
GOUDEY___8 23580	30.28 -0.08 -38.48	33.51 -0.12 -45.78	23.24 -0.13 -46.33	25.55 -0.09 -38.55	29.25 -0.13 -43.99	38.98 0.06 -33.64	47.63 0.19 -31.40	59.44 0.33 -37.99	54.84 0.20 -37.57	53.70 0.22 -34.14	59.41 0.30 -34.07	62.11 0.24 -40.59	51.23 0.29 -29.83	48.12 0.22 -31.79	34.41 -0.03 -36.55	45.49 0.30 -27.38	89.58 0.69 -29.08	102.07 0.56 -2.81	167.15 1.34 0.00	198.16 1.23 0.00	282.68 1.79 0.00	64.07 0.19 -9.27	38.69 -0.01 -22.02	60.09 -0.25 -13.60
GOWANUS_GT1_1 24077	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT1_2 24078	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT1_3 24079	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45



GOWANUS_GT1_4 24080	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT1_5 24084	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT1_6 24111	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT1_7 24112	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT1_8 24113	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_1 24114	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_2 24115	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_3 24116	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_4 24117	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_5 24118	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_6 24119	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_7 24120	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT2_8 24121	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT3_1 24122	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT3_2 24123	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45



GOWANUS_GT3_3 24124	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT3_4 24125	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT3_5 24126	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT3_6 24127	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT3_7 24128	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT3_8 24129	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_1 24130	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_2 24131	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_3 24132	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_4 24133	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_5 24134	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_6 24135	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_7 24136	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GOWANUS_GT4_8 24137	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GREENIDGE___3 23582	15.51 -0.04 -23.67	15.96 -0.04 -28.16	5.59 0.05 -28.50	10.80 0.00 -23.71	12.39 -0.05 -27.06	26.02 0.05 -20.70	35.54 0.17 -19.32	44.93 0.30 -23.51	40.51 0.20 -23.25	40.71 0.24 -21.13	46.43 0.31 -21.08	46.62 0.22 -25.11	39.81 0.23 -18.46	35.96 0.18 -19.67	20.48 -0.02 -22.61	35.05 0.29 -16.94	78.50 0.69 -17.99	100.23 -0.20 -1.74	165.86 0.06 0.00	196.36 -0.57 0.00	280.07 -0.81 0.00	59.84 -0.50 -5.74	30.18 -0.13 -13.63	54.32 -0.83 -8.41



GREENIDGE___4 23583	15.51 -0.04 -23.67	15.96 -0.04 -28.16	5.59 0.05 -28.50	10.80 0.00 -23.71	12.39 -0.05 -27.06	26.02 0.05 -20.70	35.54 0.17 -19.32	44.93 0.30 -23.51	40.51 0.20 -23.25	40.71 0.24 -21.13	46.43 0.31 -21.08	46.62 0.22 -25.11	39.81 0.23 -18.46	35.96 0.18 -19.67	20.48 -0.02 -22.61	35.05 0.29 -16.94	78.50 0.69 -17.99	100.23 -0.20 -1.74	165.86 0.06 0.00	196.36 -0.57 0.00	280.07 -0.81 0.00	59.84 -0.50 -5.74	30.18 -0.13 -13.63	54.32 -0.83 -8.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
GROVEVILLE___HYD 323602	110.95 -0.68 -119.75	129.33 -0.98 -142.46	119.41 -1.80 -144.17	106.02 -1.04 -119.98	121.11 -1.18 -136.92	110.45 0.46 -104.71	115.13 1.48 -97.61	140.21 1.97 -117.11	134.52 1.63 -115.83	126.49 1.89 -105.26	132.60 2.52 -105.04	148.56 2.15 -125.13	115.29 2.22 -91.95	115.76 1.64 -98.00	110.35 -0.21 -112.67	104.01 1.79 -84.41	155.17 5.71 -89.65	116.69 9.32 -8.67	181.32 15.51 0.00	215.37 18.44 0.00	306.20 25.31 0.00	88.51 5.32 -28.59	86.10 1.53 -67.89	92.57 3.91 -41.93
HAMPSHIRE___PAPER_HYD 323593	-8.03 0.09 0.00	-12.04 0.11 0.00	-22.74 0.21 0.00	-12.79 0.12 0.00	-14.53 0.09 0.00	5.27 0.00 0.00	16.07 0.02 0.00	21.18 0.05 0.00	17.22 0.16 0.00	19.50 0.16 0.00	25.18 0.14 0.00	21.39 0.11 0.00	21.17 0.06 0.00	16.11 0.00 0.00	-2.10 0.01 0.00	17.78 -0.03 0.00	60.12 0.31 0.00	100.32 1.62 0.00	177.57 3.59 -8.17	202.08 5.15 0.00	289.57 8.68 0.00	55.80 1.19 0.00	17.00 0.31 0.00	47.81 1.08 0.00
HARDSCRABBLE_WT_PWR 323673	-11.10 -0.15 2.82	-15.69 -0.18 3.36	-27.16 -0.81 3.40	-15.92 -0.18 2.83	-18.16 -0.31 3.23	2.95 0.15 2.47	14.19 0.46 2.32	18.75 0.63 2.99	14.58 0.48 2.96	17.26 0.61 2.69	23.18 0.83 2.69	18.62 0.53 3.20	19.19 0.43 2.35	13.97 0.36 2.50	-5.04 -0.05 2.88	16.09 0.43 2.16	59.33 1.82 2.29	102.25 3.78 0.22	172.83 7.02 0.00	206.06 9.13 0.00	294.40 13.51 0.00	56.60 2.72 0.73	15.74 0.79 1.74	47.74 2.08 1.07
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	102.70 -0.57 -111.39	119.53 -0.83 -132.52	109.64 -1.51 -134.11	97.81 -0.87 -111.60	111.74 -0.99 -127.35	103.06 0.39 -97.40	108.09 1.25 -90.79	131.71 1.66 -108.94	126.17 1.37 -107.74	118.85 1.60 -97.90	124.88 2.14 -97.70	139.51 1.83 -116.39	108.57 1.93 -85.53	108.69 1.42 -91.16	102.51 -0.18 -104.80	97.86 1.53 -78.51	147.95 4.75 -83.39	114.53 7.77 -8.07	178.67 12.87 0.00	212.25 15.32 0.00	301.77 20.88 0.00	85.67 4.47 -26.59	81.11 1.28 -63.15	88.95 3.22 -39.00
HARZA MOOSE___RIVER 24016	-8.29 -0.17 0.00	-12.41 -0.26 0.00	-23.43 -0.48 0.00	-13.20 -0.28 0.00	-14.98 -0.36 0.00	5.44 0.17 0.00	16.62 0.58 0.00	21.92 0.79 0.00	17.75 0.69 0.00	20.15 0.80 0.00	26.02 0.98 0.00	22.10 0.81 0.00	21.86 0.74 0.00	16.65 0.54 0.00	-2.17 -0.06 0.00	18.44 0.63 0.00	62.27 2.47 0.00	103.23 4.54 0.00	176.09 7.96 -2.32	206.34 9.41 0.00	294.39 13.50 0.00	56.95 2.34 0.00	17.34 0.65 0.00	48.36 1.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	109.62 -0.65 -118.39	127.77 -0.92 -140.84	117.92 -1.66 -142.53	104.73 -0.97 -118.62	119.66 -1.08 -135.36	109.25 0.45 -103.53	113.97 1.43 -96.50	138.79 1.89 -115.78	133.16 1.59 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.16 2.18 -123.70	114.33 2.32 -90.90	114.69 1.70 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.84 5.40 -88.63	115.99 8.72 -8.57	180.14 14.33 0.00	213.83 16.90 0.00	303.80 22.91 0.00	88.14 5.28 -28.26	85.31 1.51 -67.11	91.91 3.73 -41.45
HEMPSTEAD____ 23647	109.51 -0.78 -118.41	127.60 -1.12 -140.87	117.63 -1.98 -142.56	104.56 -1.17 -118.64	119.44 -1.32 -135.39	109.34 0.52 -103.55	114.22 1.65 -96.52	139.12 2.20 -115.80	133.29 1.70 -114.53	125.41 2.00 -104.07	132.50 2.75 -104.70	156.32 2.40 -132.64	123.61 2.52 -99.98	114.86 1.84 -96.91	109.06 -0.24 -111.41	106.56 2.02 -86.73	158.02 6.20 -92.01	143.12 9.99 -34.43	209.30 15.78 -27.72	214.75 17.82 0.00	304.72 23.83 0.00	88.33 5.46 -28.26	85.40 1.59 -67.12	92.41 4.23 -41.45
HICKLING___1 23621	22.17 0.01 -30.28	23.89 0.02 -36.03	13.71 0.20 -36.46	17.52 0.09 -30.34	20.06 0.05 -34.63	31.77 0.01 -26.48	40.79 0.03 -24.72	51.33 0.20 -30.01	46.79 0.05 -29.67	46.35 0.04 -26.97	52.05 0.10 -26.91	53.37 0.02 -32.06	44.80 0.13 -23.56	41.33 0.11 -25.11	26.75 -0.01 -28.87	39.71 0.27 -21.62	83.30 0.52 -22.97	100.72 -0.20 -2.22	166.22 0.42 0.00	196.52 -0.41 0.00	280.37 -0.52 0.00	61.33 -0.60 -7.32	33.76 -0.31 -17.39	56.27 -1.20 -10.74
HICKLING___2 23622	22.17 0.01 -30.28	23.89 0.02 -36.03	13.71 0.20 -36.46	17.52 0.09 -30.34	20.06 0.05 -34.63	31.77 0.01 -26.48	40.79 0.03 -24.72	51.33 0.20 -30.01	46.79 0.05 -29.67	46.35 0.04 -26.97	52.05 0.10 -26.91	53.37 0.02 -32.06	44.80 0.13 -23.56	41.33 0.11 -25.11	26.75 -0.01 -28.87	39.71 0.27 -21.62	83.30 0.52 -22.97	100.72 -0.20 -2.22	166.22 0.42 0.00	196.52 -0.41 0.00	280.37 -0.52 0.00	61.33 -0.60 -7.32	33.76 -0.31 -17.39	56.27 -1.20 -10.74
HIGH FALLS___HY 23754	108.26 -0.62 -117.01	126.13 -0.92 -139.20	116.24 -1.68 -140.87	103.35 -0.97 -117.23	118.06 -1.10 -133.79	108.02 0.43 -102.32	112.83 1.40 -95.38	137.47 1.89 -114.46	131.83 1.56 -113.20	124.00 1.79 -102.87	130.07 2.38 -102.66	145.60 2.02 -122.29	113.03 2.05 -89.87	113.33 1.44 -95.78	107.82 -0.19 -110.11	101.92 1.62 -82.49	152.77 5.34 -87.62	116.14 8.97 -8.47	180.90 15.10 0.00	214.86 17.93 0.00	305.60 24.71 0.00	87.65 5.11 -27.94	84.48 1.45 -66.35	91.34 3.63 -40.98
HILLBURN___GT 23639	104.27 -0.54 -112.93	121.41 -0.80 -134.36	111.57 -1.44 -135.97	99.39 -0.83 -113.14	113.55 -0.95 -129.12	104.40 0.38 -98.75	109.30 1.21 -92.05	133.16 1.59 -110.44	127.61 1.31 -109.23	120.15 1.55 -99.26	126.17 2.07 -99.06	141.06 1.78 -118.00	109.72 1.89 -86.72	109.93 1.40 -92.42	103.97 -0.18 -106.25	98.90 1.49 -79.60	148.82 4.47 -84.55	114.09 7.22 -8.18	177.80 11.99 0.00	211.23 14.30 0.00	300.23 19.34 0.00	85.83 4.27 -26.96	81.92 1.21 -64.02	89.33 3.05 -39.54
HISHELDN_WT_PWR 323625	13.87 0.37 -21.62	14.14 0.57 -25.73	4.28 1.20 -26.03	9.36 0.61 -21.66	10.82 0.72 -24.72	23.96 -0.22 -18.91	32.91 -0.76 -17.62	41.55 -0.99 -21.42	37.41 -0.84 -21.19	37.71 -0.88 -19.25	43.04 -1.21 -19.21	43.01 -1.16 -22.89	36.87 -1.07 -16.82	33.27 -0.77 -17.93	18.60 0.10 -20.61	32.54 -0.71 -15.44	73.54 -2.67 -16.40	94.64 -5.65 -1.59	156.72 -9.09 0.00	184.62 -12.31 0.00	263.25 -17.64 0.00	55.84 -3.99 -5.23	27.73 -1.37 -12.42	50.50 -3.90 -7.67
HOLTSVILLE_IC_1 23690	109.33 -0.96 -118.41	127.33 -1.39 -140.87	117.18 -2.43 -142.56	104.27 -1.45 -118.64	119.13 -1.64 -135.39	109.46 0.64 -103.55	114.58 2.01 -96.52	139.54 2.62 -115.80	133.52 1.92 -114.53	125.61 2.19 -104.07	132.79 3.04 -104.70	156.59 2.66 -132.64	123.90 2.81 -99.98	115.08 2.06 -96.91	109.03 -0.27 -111.41	106.91 2.36 -86.73	159.17 7.36 -92.01	144.70 11.57 -34.43	211.50 17.98 -27.72	216.48 19.55 0.00	305.82 24.93 0.00	88.89 6.02 -28.26	85.61 1.80 -67.12	93.07 4.88 -41.45



HOLTSVILLE_IC_10 23699	109.28 -1.01 -118.41	127.27 -1.45 -140.87	117.07 -2.53 -142.56	104.21 -1.51 -118.64	119.05 -1.71 -135.39	109.49 0.67 -103.55	114.67 2.11 -96.52	139.67 2.75 -115.80	133.62 2.03 -114.53	125.72 2.31 -104.07	132.93 3.19 -104.70	156.72 2.79 -132.64	124.02 2.93 -99.98	115.17 2.15 -96.91	109.02 -0.28 -111.41	107.03 2.49 -86.73	159.63 7.81 -92.01	145.44 12.31 -34.43	212.78 19.26 -27.72	217.83 20.90 0.00	307.43 26.54 0.00	89.18 6.31 -28.26	85.71 1.90 -67.12	93.35 5.16 -41.45
HOLTSVILLE_IC_2 23691	109.33 -0.96 -118.41	127.33 -1.39 -140.87	117.18 -2.43 -142.56	104.27 -1.45 -118.64	119.13 -1.64 -135.39	109.46 0.64 -103.55	114.58 2.01 -96.52	139.54 2.62 -115.80	133.52 1.92 -114.53	125.61 2.19 -104.07	132.79 3.04 -104.70	156.59 2.66 -132.64	123.90 2.81 -99.98	115.08 2.06 -96.91	109.03 -0.27 -111.41	106.91 2.36 -86.73	159.17 7.36 -92.01	144.70 11.57 -34.43	211.50 17.98 -27.72	216.48 19.55 0.00	305.82 24.93 0.00	88.89 6.02 -28.26	85.61 1.80 -67.12	93.07 4.88 -41.45
HOLTSVILLE_IC_3 23692	109.33 -0.96 -118.41	127.33 -1.39 -140.87	117.18 -2.43 -142.56	104.27 -1.45 -118.64	119.13 -1.64 -135.39	109.46 0.64 -103.55	114.58 2.01 -96.52	139.54 2.62 -115.80	133.52 1.92 -114.53	125.61 2.19 -104.07	132.79 3.04 -104.70	156.59 2.66 -132.64	123.90 2.81 -99.98	115.08 2.06 -96.91	109.03 -0.27 -111.41	106.91 2.36 -86.73	159.17 7.36 -92.01	144.70 11.57 -34.43	211.50 17.98 -27.72	216.48 19.55 0.00	305.82 24.93 0.00	88.89 6.02 -28.26	85.61 1.80 -67.12	93.07 4.88 -41.45
HOLTSVILLE_IC_4 23693	109.33 -0.96 -118.41	127.33 -1.39 -140.87	117.18 -2.43 -142.56	104.27 -1.45 -118.64	119.13 -1.64 -135.39	109.46 0.64 -103.55	114.58 2.01 -96.52	139.54 2.62 -115.80	133.52 1.92 -114.53	125.61 2.19 -104.07	132.79 3.04 -104.70	156.59 2.66 -132.64	123.90 2.81 -99.98	115.08 2.06 -96.91	109.03 -0.27 -111.41	106.91 2.36 -86.73	159.17 7.36 -92.01	144.70 11.57 -34.43	211.50 17.98 -27.72	216.48 19.55 0.00	305.82 24.93 0.00	88.89 6.02 -28.26	85.61 1.80 -67.12	93.07 4.88 -41.45
HOLTSVILLE_IC_5 23694	109.33 -0.96 -118.41	127.33 -1.39 -140.87	117.18 -2.43 -142.56	104.27 -1.45 -118.64	119.13 -1.64 -135.39	109.46 0.64 -103.55	114.58 2.01 -96.52	139.54 2.62 -115.80	133.52 1.92 -114.53	125.61 2.19 -104.07	132.79 3.04 -104.70	156.59 2.66 -132.64	123.90 2.81 -99.98	115.08 2.06 -96.91	109.03 -0.27 -111.41	106.91 2.36 -86.73	159.17 7.36 -92.01	144.70 11.57 -34.43	211.50 17.98 -27.72	216.48 19.55 0.00	305.82 24.93 0.00	88.89 6.02 -28.26	85.61 1.80 -67.12	93.07 4.88 -41.45
HOLTSVILLE_IC_6 23695	109.28 -1.01 -118.41	127.27 -1.45 -140.87	117.07 -2.53 -142.56	104.21 -1.51 -118.64	119.05 -1.71 -135.39	109.49 0.67 -103.55	114.67 2.11 -96.52	139.67 2.75 -115.80	133.62 2.03 -114.53	125.72 2.31 -104.07	132.93 3.19 -104.70	156.72 2.79 -132.64	124.02 2.93 -99.98	115.17 2.15 -96.91	109.02 -0.28 -111.41	107.03 2.49 -86.73	159.63 7.81 -92.01	145.44 12.31 -34.43	212.78 19.26 -27.72	217.83 20.90 0.00	307.43 26.54 0.00	89.18 6.31 -28.26	85.71 1.90 -67.12	93.35 5.16 -41.45
HOLTSVILLE_IC_7 23696	109.28 -1.01 -118.41	127.27 -1.45 -140.87	117.07 -2.53 -142.56	104.21 -1.51 -118.64	119.05 -1.71 -135.39	109.49 0.67 -103.55	114.67 2.11 -96.52	139.67 2.75 -115.80	133.62 2.03 -114.53	125.72 2.31 -104.07	132.93 3.19 -104.70	156.72 2.79 -132.64	124.02 2.93 -99.98	115.17 2.15 -96.91	109.02 -0.28 -111.41	107.03 2.49 -86.73	159.63 7.81 -92.01	145.44 12.31 -34.43	212.78 19.26 -27.72	217.83 20.90 0.00	307.43 26.54 0.00	89.18 6.31 -28.26	85.71 1.90 -67.12	93.35 5.16 -41.45
HOLTSVILLE_IC_8 23697	109.28 -1.01 -118.41	127.27 -1.45 -140.87	117.07 -2.53 -142.56	104.21 -1.51 -118.64	119.05 -1.71 -135.39	109.49 0.67 -103.55	114.67 2.11 -96.52	139.67 2.75 -115.80	133.62 2.03 -114.53	125.72 2.31 -104.07	132.93 3.19 -104.70	156.72 2.79 -132.64	124.02 2.93 -99.98	115.17 2.15 -96.91	109.02 -0.28 -111.41	107.03 2.49 -86.73	159.63 7.81 -92.01	145.44 12.31 -34.43	212.78 19.26 -27.72	217.83 20.90 0.00	307.43 26.54 0.00	89.18 6.31 -28.26	85.71 1.90 -67.12	93.35 5.16 -41.45
HOLTSVILLE_IC_9 23698	109.28 -1.01 -118.41	127.27 -1.45 -140.87	117.07 -2.53 -142.56	104.21 -1.51 -118.64	119.05 -1.71 -135.39	109.49 0.67 -103.55	114.67 2.11 -96.52	139.67 2.75 -115.80	133.62 2.03 -114.53	125.72 2.31 -104.07	132.93 3.19 -104.70	156.72 2.79 -132.64	124.02 2.93 -99.98	115.17 2.15 -96.91	109.02 -0.28 -111.41	107.03 2.49 -86.73	159.63 7.81 -92.01	145.44 12.31 -34.43	212.78 19.26 -27.72	217.83 20.90 0.00	307.43 26.54 0.00	89.18 6.31 -28.26	85.71 1.90 -67.12	93.35 5.16 -41.45
HOWARD_WT_PWR 323690	17.26 0.18 -25.21	18.07 0.23 -29.99	8.05 0.66 -30.35	12.69 0.35 -25.26	14.52 0.32 -28.82	27.25 -0.06 -22.04	36.35 -0.28 -20.59	45.86 -0.29 -25.02	41.61 -0.20 -24.75	41.70 -0.14 -22.49	47.30 -0.18 -22.44	47.69 -0.33 -26.73	40.48 -0.28 -19.65	36.92 -0.13 -20.94	21.97 0.01 -24.07	35.99 0.14 -18.03	79.31 0.35 -19.15	100.34 -0.21 -1.85	166.40 0.60 0.00	196.48 -0.45 0.00	279.20 -1.69 0.00	59.56 -1.15 -6.11	30.64 -0.55 -14.50	53.56 -2.13 -8.96
HQ_GEN_CEDARS 23644	-7.84 0.28 0.00	-11.75 0.40 0.00	-22.24 0.72 0.00	-12.48 0.43 0.00	-14.14 0.48 0.00	5.09 -0.19 0.00	15.47 -0.58 0.00	20.38 -0.74 0.00	16.55 -0.51 0.00	18.71 -0.63 0.00	24.15 -0.89 0.00	20.53 -0.75 0.00	20.36 -0.75 0.00	15.49 -0.62 0.00	-2.02 0.09 0.00	17.10 -0.71 0.00	57.98 -1.83 0.00	97.34 -1.35 0.00	175.77 -2.05 -12.01	195.33 -1.61 -0.01	279.97 -0.92 0.00	53.79 -0.82 0.00	16.43 -0.25 0.00	46.85 0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	-7.84 0.28 0.00	-11.75 0.40 0.00	-22.24 0.72 0.00	-12.48 0.43 0.00	-14.14 0.48 0.00	1.75 -0.19 3.34	12.79 -0.58 2.68	8.84 -0.74 11.55	12.71 -0.51 3.84	14.62 -0.63 4.09	12.04 -0.89 12.10	9.83 -0.75 10.70	20.36 -0.75 0.00	15.49 -0.62 0.00	-2.02 0.09 0.00	12.67 -0.71 4.43	47.84 -1.83 10.14	97.34 -1.35 0.00	175.77 -2.05 -12.01	195.33 -1.61 -0.01	279.97 -0.92 0.00	18.29 -0.82 35.50	7.63 -0.25 8.80	46.85 0.12 0.00
HQ_GEN_IMPORT 323601	-7.93 0.19 0.00	-11.88 0.28 0.00	-22.46 0.49 0.00	-12.62 0.30 0.00	-14.29 0.33 0.00	5.14 -0.13 0.00	12.94 -0.40 2.71	-0.14 -0.52 20.75	0.00 -0.41 16.66	0.00 -0.49 18.85	0.00 -0.66 24.38	14.80 -0.55 5.93	15.64 -0.55 4.92	11.41 -0.44 4.26	-2.05 0.06 0.00	12.82 -0.50 4.49	59.03 -1.34 -0.56	96.83 -1.87 0.00	162.00 -3.19 0.62	193.36 -3.56 0.00	276.28 -4.61 0.00	0.00 -1.00 53.61	16.38 -0.30 0.00	46.22 -0.52 0.00
HQ_GEN_WHEEL 23651	-7.93 0.19 0.00	-11.88 0.28 0.00	-22.46 0.49 0.00	-12.62 0.30 0.00	-14.29 0.33 0.00	5.14 -0.13 0.00	12.94 -0.40 2.71	-0.14 -0.52 20.75	0.00 -0.41 16.66	0.00 -0.49 18.85	0.00 -0.66 24.38	14.80 -0.55 5.93	15.64 -0.55 4.92	11.41 -0.44 4.26	-2.05 0.06 0.00	12.82 -0.50 4.49	59.03 -1.34 -0.56	96.83 -1.87 0.00	162.00 -3.19 0.62	193.36 -3.56 0.00	276.28 -4.61 0.00	0.00 -1.00 53.61	16.38 -0.30 0.00	46.22 -0.52 0.00
HUDSON_AVE_GT_3 23810	109.62 -0.64 -118.38	127.77 -0.91 -140.83	117.93 -1.63 -142.52	104.74 -0.95 -118.61	119.66 -1.07 -135.35	109.22 0.44 -103.51	113.94 1.40 -96.49	138.74 1.85 -115.77	133.12 1.56 -114.49	125.23 1.84 -104.04	131.36 2.49 -103.83	147.12 2.15 -123.69	114.29 2.28 -90.90	114.66 1.67 -96.88	109.05 -0.21 -111.37	103.05 1.80 -83.44	153.71 5.29 -88.62	115.80 8.53 -8.57	179.88 14.08 0.00	213.66 16.73 0.00	303.71 22.82 0.00	88.04 5.18 -28.26	85.28 1.49 -67.10	91.89 3.71 -41.44



HUDSON AVE_GT_4 23540	109.62 -0.64 -118.38	127.77 -0.91 -140.83	117.93 -1.63 -142.52	104.74 -0.95 -118.61	119.66 -1.07 -135.35	109.22 0.44 -103.51	113.94 1.40 -96.49	138.74 1.85 -115.77	133.12 1.56 -114.49	125.23 1.84 -104.04	131.36 2.49 -103.83	147.12 2.15 -123.69	114.29 2.28 -90.90	114.66 1.67 -96.88	109.05 -0.21 -111.37	103.05 1.80 -83.44	153.71 5.29 -88.62	115.80 8.53 -8.57	179.88 14.08 0.00	213.66 16.73 0.00	303.71 22.82 0.00	88.04 5.18 -28.26	85.28 1.49 -67.10	91.89 3.71 -41.44
HUDSON AVE_GT_5 23657	109.62 -0.64 -118.38	127.77 -0.91 -140.83	117.93 -1.63 -142.52	104.74 -0.95 -118.61	119.66 -1.07 -135.35	109.22 0.44 -103.51	113.94 1.40 -96.49	138.74 1.85 -115.77	133.12 1.56 -114.49	125.23 1.84 -104.04	131.36 2.49 -103.83	147.12 2.15 -123.69	114.29 2.28 -90.90	114.66 1.67 -96.88	109.05 -0.21 -111.37	103.05 1.80 -83.44	153.71 5.29 -88.62	115.80 8.53 -8.57	179.88 14.08 0.00	213.66 16.73 0.00	303.71 22.82 0.00	88.04 5.18 -28.26	85.28 1.49 -67.10	91.89 3.71 -41.44
HUDSON_AVE_10 24168	109.63 -0.62 -118.38	127.80 -0.88 -140.83	117.98 -1.58 -142.52	104.77 -0.92 -118.61	119.69 -1.04 -135.35	109.22 0.43 -103.51	113.91 1.37 -96.49	138.70 1.82 -115.77	133.09 1.53 -114.49	125.18 1.79 -104.04	131.29 2.42 -103.83	147.06 2.09 -123.69	114.23 2.22 -90.90	114.62 1.63 -96.88	109.06 -0.21 -111.37	102.99 1.74 -83.44	153.48 5.05 -88.62	115.41 8.14 -8.57	179.22 13.41 0.00	212.87 15.94 0.00	302.61 21.72 0.00	87.85 4.99 -28.26	85.23 1.44 -67.10	91.74 3.56 -41.44
HUNTER MOUNT___DRP 323613	120.69 -0.72 -129.53	140.90 -1.05 -154.10	131.05 -1.95 -155.94	115.75 -1.11 -129.78	132.22 -1.25 -148.10	119.01 0.48 -113.26	123.12 1.49 -105.59	149.82 1.95 -126.75	143.99 1.57 -125.36	135.07 1.81 -113.91	141.07 2.35 -113.68	158.67 1.97 -135.42	122.52 1.89 -99.52	123.65 1.48 -106.07	119.64 -0.19 -121.94	110.80 1.64 -91.35	162.32 5.49 -97.03	117.36 9.28 -9.38	181.52 15.71 0.00	215.45 18.52 0.00	306.39 25.50 0.00	90.63 5.09 -30.94	91.70 1.55 -73.47	96.28 4.17 -45.37
HUNTINGTON_RES_REC 323705	109.39 -0.90 -118.41	127.40 -1.31 -140.87	117.32 -2.28 -142.56	104.36 -1.36 -118.64	119.23 -1.54 -135.39	109.42 0.60 -103.55	114.46 1.90 -96.52	139.42 2.50 -115.80	133.43 1.84 -114.53	125.53 2.11 -104.07	132.66 2.92 -104.70	156.48 2.55 -132.64	123.76 2.67 -99.98	114.98 1.96 -96.91	109.04 -0.25 -111.41	106.78 2.24 -86.73	158.84 7.02 -92.01	144.36 11.23 -34.43	211.23 17.71 -27.72	216.34 19.41 0.00	305.95 25.06 0.00	88.67 5.80 -28.26	85.52 1.71 -67.12	92.79 4.60 -41.45
HUNTLEY___63 23557	11.28 0.30 -19.10	11.05 0.48 -22.72	1.05 1.01 -22.99	6.72 0.50 -19.13	7.82 0.61 -21.84	21.78 -0.19 -16.70	30.91 -0.69 -15.55	38.95 -1.03 -18.86	34.75 -0.96 -18.65	35.29 -1.00 -16.95	40.58 -1.38 -16.91	40.14 -1.30 -20.15	34.62 -1.30 -14.81	30.86 -1.03 -15.78	16.16 0.13 -18.14	30.35 -1.05 -13.59	70.40 -3.84 -14.44	92.42 -7.67 -1.40	153.27 -12.53 0.00	180.93 -16.01 0.00	258.64 -22.25 0.00	54.65 -4.56 -4.60	26.17 -1.45 -10.93	49.56 -3.92 -6.75
HUNTLEY___64 23558	11.28 0.30 -19.10	11.05 0.48 -22.72	1.05 1.01 -22.99	6.72 0.50 -19.13	7.82 0.61 -21.84	21.78 -0.19 -16.70	30.91 -0.69 -15.55	38.95 -1.03 -18.86	34.75 -0.96 -18.65	35.29 -1.00 -16.95	40.58 -1.38 -16.91	40.14 -1.30 -20.15	34.62 -1.30 -14.81	30.86 -1.03 -15.78	16.16 0.13 -18.14	30.35 -1.05 -13.59	70.40 -3.84 -14.44	92.42 -7.67 -1.40	153.27 -12.53 0.00	180.93 -16.01 0.00	258.64 -22.25 0.00	54.65 -4.56 -4.60	26.17 -1.45 -10.93	49.56 -3.92 -6.75
HUNTLEY___65 23559	11.28 0.30 -19.10	11.05 0.48 -22.72	1.05 1.01 -22.99	6.72 0.50 -19.13	7.82 0.61 -21.84	21.78 -0.19 -16.70	30.91 -0.69 -15.55	38.95 -1.03 -18.86	34.75 -0.96 -18.65	35.29 -1.00 -16.95	40.58 -1.38 -16.91	40.14 -1.30 -20.15	34.62 -1.30 -14.81	30.86 -1.03 -15.78	16.16 0.13 -18.14	30.35 -1.05 -13.59	70.40 -3.84 -14.44	92.42 -7.67 -1.40	153.27 -12.53 0.00	180.93 -16.01 0.00	258.64 -22.25 0.00	54.65 -4.56 -4.60	26.17 -1.45 -10.93	49.56 -3.92 -6.75
HUNTLEY___66 23560	11.28 0.30 -19.10	11.05 0.48 -22.72	1.05 1.01 -22.99	6.72 0.50 -19.13	7.82 0.61 -21.84	21.78 -0.19 -16.70	30.91 -0.69 -15.55	38.95 -1.03 -18.86	34.75 -0.96 -18.65	35.29 -1.00 -16.95	40.58 -1.38 -16.91	40.14 -1.30 -20.15	34.62 -1.30 -14.81	30.86 -1.03 -15.78	16.16 0.13 -18.14	30.35 -1.05 -13.59	70.40 -3.84 -14.44	92.42 -7.67 -1.40	153.27 -12.53 0.00	180.93 -16.01 0.00	258.64 -22.25 0.00	54.65 -4.56 -4.60	26.17 -1.45 -10.93	49.56 -3.92 -6.75
HUNTLEY___67 23561	11.59 0.37 -19.34	11.43 0.57 -23.01	1.53 1.19 -23.29	7.06 0.60 -19.38	8.22 0.72 -22.12	21.97 -0.21 -16.92	31.03 -0.77 -15.76	39.16 -1.11 -19.14	34.98 -1.02 -18.94	35.48 -1.07 -17.20	40.73 -1.48 -17.17	40.36 -1.38 -20.45	34.77 -1.38 -15.03	31.06 -1.08 -16.02	16.44 0.14 -18.42	30.51 -1.10 -13.80	70.41 -4.05 -14.65	92.12 -7.99 -1.42	152.75 -13.06 0.00	180.16 -16.77 0.00	257.61 -23.28 0.00	54.46 -4.81 -4.67	26.24 -1.54 -11.10	49.41 -4.18 -6.85
HUNTLEY___68 23562	11.59 0.37 -19.34	11.43 0.57 -23.01	1.53 1.19 -23.29	7.06 0.60 -19.38	8.22 0.72 -22.12	21.97 -0.21 -16.92	31.03 -0.77 -15.76	39.16 -1.11 -19.14	34.98 -1.02 -18.94	35.48 -1.07 -17.20	40.73 -1.48 -17.17	40.36 -1.38 -20.45	34.77 -1.38 -15.03	31.06 -1.08 -16.02	16.44 0.14 -18.42	30.51 -1.10 -13.80	70.41 -4.05 -14.65	92.12 -7.99 -1.42	152.75 -13.06 0.00	180.16 -16.77 0.00	257.61 -23.28 0.00	54.46 -4.81 -4.67	26.24 -1.54 -11.10	49.41 -4.18 -6.85
HYLAND___LFGE 323620	12.42 -0.26 -20.80	12.24 -0.35 -24.75	1.55 -0.54 -25.05	7.58 -0.35 -20.84	8.74 -0.43 -23.78	23.69 0.23 -18.19	33.73 0.71 -16.98	42.75 1.02 -20.61	38.23 0.78 -20.38	38.81 0.95 -18.52	44.70 1.18 -18.48	43.35 0.05 -22.02	37.16 -0.14 -16.18	33.26 -0.09 -17.24	17.73 0.02 -19.82	32.64 -0.02 -14.85	75.04 -0.54 -15.78	97.30 -2.92 -1.53	161.90 -3.90 0.00	193.23 -3.69 0.00	273.98 -6.91 0.00	57.67 -1.97 -5.03	28.79 0.16 -11.94	54.73 0.62 -7.38
INDECK___CORINTH 23802	160.01 -0.83 -168.96	187.66 -1.19 -201.01	178.24 -2.22 -203.42	155.12 -1.25 -169.29	177.15 -1.41 -193.19	153.56 0.54 -147.75	155.53 1.72 -137.76	189.23 2.36 -165.75	182.95 1.95 -163.93	170.50 2.20 -148.97	176.54 2.84 -148.66	200.71 2.33 -177.09	153.51 2.25 -130.15	156.47 1.65 -138.71	157.13 -0.23 -159.46	139.20 1.93 -119.46	193.86 7.17 -126.89	122.50 11.53 -12.27	184.71 18.91 0.00	219.47 22.54 0.00	311.85 30.96 0.00	101.07 6.00 -40.46	114.54 1.77 -96.08	110.88 4.81 -59.34
INDECK___ILION 23567	-11.12 -0.18 2.82	-15.76 -0.25 3.36	-26.94 -0.59 3.40	-15.99 -0.25 2.83	-18.18 -0.33 3.23	2.94 0.13 2.47	14.16 0.43 2.32	18.70 0.58 2.99	14.55 0.45 2.96	17.18 0.53 2.69	23.05 0.70 2.69	18.63 0.54 3.20	19.25 0.49 2.35	13.99 0.39 2.50	-5.04 -0.05 2.88	16.10 0.45 2.16	59.17 1.66 2.29	101.47 2.99 0.22	171.06 5.25 0.00	203.27 6.34 0.00	289.87 8.99 0.00	55.62 1.75 0.73	15.46 0.51 1.74	46.94 1.28 1.07
INDECK___OLEAN 23982	14.95 0.23 -22.83	15.30 0.29 -27.17	5.33 0.80 -27.49	10.42 0.46 -22.88	12.06 0.58 -26.11	25.03 -0.20 -19.97	34.13 -0.62 -18.70	42.94 -0.87 -22.69	38.78 -0.72 -22.44	38.90 -0.83 -20.39	44.27 -1.12 -20.35	44.52 -1.01 -24.24	38.05 -0.88 -17.81	34.42 -0.68 -18.99	19.81 0.09 -21.83	33.45 -0.71 -16.35	74.39 -2.78 -17.37	94.38 -6.00 -1.68	156.62 -9.18 0.00	184.55 -12.38 0.00	263.75 -17.14 0.00	56.32 -3.82 -5.54	28.53 -1.30 -13.15	51.28 -3.57 -8.12



INDECK___OSWEGO 23783	1.18 0.17 -9.13	-1.03 0.26 -10.86	-11.42 0.54 -10.99	-3.49 0.28 -9.15	-3.87 0.31 -10.44	13.16 -0.10 -7.98	23.19 -0.30 -7.45	29.70 -0.41 -8.99	25.62 -0.33 -8.89	27.03 -0.39 -8.08	32.60 -0.49 -8.06	30.50 -0.39 -9.60	27.75 -0.42 -7.06	23.34 -0.29 -7.52	6.57 0.04 -8.65	23.97 -0.31 -6.48	65.38 -1.31 -6.88	97.01 -2.35 -0.67	162.46 -3.88 -0.53	192.15 -4.78 0.00	273.86 -7.02 0.00	55.38 -1.42 -2.19	21.48 -0.41 -5.21	48.50 -1.44 -3.22
INDECK___YERKES 23781	11.27 0.30 -19.10	11.03 0.47 -22.72	1.03 0.99 -22.99	6.70 0.49 -19.13	7.81 0.59 -21.84	21.79 -0.18 -16.70	30.93 -0.67 -15.55	38.97 -1.01 -18.86	34.77 -0.94 -18.65	35.31 -0.98 -16.95	40.60 -1.35 -16.91	40.17 -1.27 -20.15	34.64 -1.27 -14.81	30.88 -1.01 -15.78	16.16 0.13 -18.14	30.38 -1.03 -13.59	70.47 -3.78 -14.44	92.54 -7.55 -1.40	153.46 -12.35 0.00	181.19 -15.74 0.00	258.97 -21.91 0.00	54.71 -4.50 -4.60	26.18 -1.43 -10.93	49.61 -3.87 -6.75
INDIAN POINT_GT_1 24139	108.50 -0.58 -117.20	126.45 -0.83 -139.43	116.61 -1.50 -141.07	103.32 -0.87 -117.11	118.03 -0.98 -133.64	107.87 0.39 -102.20	112.58 1.26 -95.28	137.08 1.66 -114.30	131.49 1.37 -113.05	123.69 1.61 -102.73	129.73 2.17 -102.52	145.28 1.87 -122.13	112.83 1.97 -89.75	113.22 1.45 -95.65	107.67 -0.18 -109.97	101.75 1.56 -82.38	152.03 4.72 -87.50	114.77 7.60 -8.46	178.40 12.59 0.00	211.85 14.93 0.00	301.13 20.24 0.00	87.00 4.50 -27.90	84.23 1.29 -66.26	90.93 3.27 -40.92
INDIAN POINT_GT_2 23659	108.50 -0.58 -117.20	126.45 -0.83 -139.43	116.61 -1.50 -141.07	103.32 -0.87 -117.11	118.03 -0.98 -133.64	107.87 0.39 -102.20	112.58 1.26 -95.28	137.08 1.66 -114.30	131.49 1.37 -113.05	123.69 1.61 -102.73	129.73 2.17 -102.52	145.28 1.87 -122.13	112.83 1.97 -89.75	113.22 1.45 -95.65	107.67 -0.18 -109.97	101.75 1.56 -82.38	152.03 4.72 -87.50	114.77 7.60 -8.46	178.40 12.59 0.00	211.85 14.93 0.00	301.13 20.24 0.00	87.00 4.50 -27.90	84.23 1.29 -66.26	90.93 3.27 -40.92
INDIAN POINT_GT_3 24019	108.50 -0.58 -117.20	126.45 -0.83 -139.43	116.61 -1.50 -141.07	103.32 -0.87 -117.11	118.03 -0.98 -133.64	107.87 0.39 -102.20	112.58 1.26 -95.28	137.08 1.66 -114.30	131.49 1.37 -113.05	123.69 1.61 -102.73	129.73 2.17 -102.52	145.28 1.87 -122.13	112.83 1.97 -89.75	113.22 1.45 -95.65	107.67 -0.18 -109.97	101.75 1.56 -82.38	152.03 4.72 -87.50	114.77 7.60 -8.46	178.40 12.59 0.00	211.85 14.93 0.00	301.13 20.24 0.00	87.00 4.50 -27.90	84.23 1.29 -66.26	90.93 3.27 -40.92
INDIAN POINT___2 23530	107.02 -0.56 -115.69	124.68 -0.81 -137.64	114.87 -1.46 -139.29	102.13 -0.84 -115.89	116.67 -0.96 -132.25	106.80 0.38 -101.14	111.55 1.22 -94.29	135.85 1.61 -113.12	130.28 1.33 -111.88	122.58 1.57 -101.67	128.61 2.12 -101.46	143.96 1.81 -120.86	111.86 1.92 -88.82	112.19 1.42 -94.66	106.54 -0.18 -108.83	100.86 1.52 -81.53	150.95 4.54 -86.60	114.43 7.36 -8.38	177.97 12.17 0.00	211.40 14.47 0.00	300.51 19.62 0.00	86.58 4.36 -27.61	83.50 1.25 -65.57	90.37 3.14 -40.50
INDIAN POINT___3 23531	108.57 -0.56 -117.25	126.52 -0.81 -139.49	116.74 -1.47 -141.16	103.71 -0.85 -117.48	118.48 -0.96 -134.06	108.19 0.38 -102.53	112.85 1.23 -95.58	137.42 1.63 -114.67	131.81 1.34 -113.41	123.98 1.58 -103.06	130.01 2.13 -102.85	145.63 1.83 -122.51	113.08 1.93 -90.03	113.49 1.42 -95.96	108.03 -0.18 -110.32	101.98 1.53 -82.65	152.18 4.59 -87.78	114.60 7.42 -8.49	178.13 12.33 0.00	211.51 14.58 0.00	300.75 19.86 0.00	86.99 4.40 -27.99	84.42 1.26 -66.47	90.96 3.18 -41.05
IP CORINTH___1 23988	160.01 -0.83 -168.96	187.66 -1.19 -201.01	178.24 -2.22 -203.42	155.12 -1.25 -169.29	177.15 -1.41 -193.19	153.56 0.54 -147.75	155.53 1.72 -137.76	189.23 2.36 -165.75	182.95 1.95 -163.93	170.50 2.20 -148.97	176.54 2.84 -148.66	200.71 2.33 -177.09	153.51 2.25 -130.15	156.47 1.65 -138.71	157.13 -0.23 -159.46	139.20 1.93 -119.46	193.86 7.17 -126.89	122.50 11.53 -12.27	184.71 18.91 0.00	219.47 22.54 0.00	311.85 30.96 0.00	101.07 6.00 -40.46	114.54 1.77 -96.08	110.88 4.81 -59.34
IP___TICONDEROGA 23804	159.26 -1.27 -168.65	186.67 -1.82 -200.64	176.71 -3.38 -203.05	154.15 -1.92 -168.98	176.07 -2.14 -192.83	153.55 0.80 -147.47	156.19 2.63 -137.51	190.32 3.73 -165.47	183.85 3.13 -163.65	171.57 3.51 -148.71	178.03 4.58 -148.41	201.87 3.79 -176.79	154.60 3.57 -129.92	157.00 2.42 -138.47	156.73 -0.35 -159.19	140.03 2.96 -119.26	198.27 11.79 -126.67	128.67 17.72 -12.25	195.03 29.22 0.00	231.58 34.65 0.00	328.76 47.88 0.00	104.34 9.35 -40.39	115.34 2.74 -95.91	113.37 7.40 -59.24
ISLIP_RES_REC 323679	109.25 -1.04 -118.41	127.21 -1.50 -140.87	116.97 -2.64 -142.56	104.15 -1.57 -118.64	118.98 -1.78 -135.39	109.52 0.70 -103.55	114.76 2.20 -96.52	139.80 2.88 -115.80	133.73 2.14 -114.53	125.84 2.43 -104.07	133.08 3.34 -104.70	156.85 2.92 -132.64	124.14 3.05 -99.98	115.26 2.24 -96.91	109.00 -0.29 -111.41	107.15 2.61 -86.73	160.05 8.23 -92.01	146.19 13.06 -34.43	213.98 20.46 -27.72	219.30 22.37 0.00	309.39 28.50 0.00	89.54 6.67 -28.26	85.81 2.00 -67.12	93.61 5.42 -41.45
JARVIS____ 23743	-11.01 -0.06 2.82	-15.60 -0.09 3.36	-26.53 -0.18 3.40	-15.85 -0.10 2.83	-17.97 -0.11 3.23	2.84 0.04 2.47	13.86 0.13 2.32	18.31 0.18 2.99	14.24 0.14 2.96	16.82 0.17 2.69	22.58 0.23 2.69	18.28 0.19 3.20	18.93 0.17 2.35	13.75 0.14 2.50	-5.01 -0.02 2.88	15.82 0.17 2.16	58.05 0.54 2.29	99.33 0.86 0.22	167.29 1.48 0.00	198.58 1.65 0.00	283.09 2.20 0.00	54.31 0.43 0.73	15.07 0.12 1.74	45.90 0.24 1.07
JENNISON___1 23625	33.11 -0.45 -41.69	36.75 -0.69 -49.60	25.99 -1.25 -50.19	28.12 -0.73 -41.77	32.14 -0.90 -47.67	42.10 0.38 -36.46	51.23 1.17 -34.02	63.92 1.62 -41.18	59.03 1.24 -40.73	57.80 1.44 -37.01	63.81 1.84 -36.94	66.81 1.52 -44.00	54.94 1.50 -32.34	51.68 1.11 -34.46	37.37 -0.14 -39.62	48.80 1.31 -29.68	95.85 4.52 -31.53	109.05 7.30 -3.05	178.55 12.75 0.00	212.06 15.13 0.00	302.58 21.69 0.00	68.60 3.95 -10.05	41.64 1.09 -23.87	64.18 2.71 -14.74
JENNISON___2 23626	33.11 -0.45 -41.69	36.75 -0.69 -49.60	25.99 -1.25 -50.19	28.12 -0.73 -41.77	32.14 -0.90 -47.67	42.10 0.38 -36.46	51.23 1.17 -34.02	63.92 1.62 -41.18	59.03 1.24 -40.73	57.80 1.44 -37.01	63.81 1.84 -36.94	66.81 1.52 -44.00	54.94 1.50 -32.34	51.68 1.11 -34.46	37.37 -0.14 -39.62	48.80 1.31 -29.68	95.85 4.52 -31.53	109.05 7.30 -3.05	178.55 12.75 0.00	212.06 15.13 0.00	302.58 21.69 0.00	68.60 3.95 -10.05	41.64 1.09 -23.87	64.18 2.71 -14.74
JERICHO_RISE_WT_PWR 323719	-7.85 0.27 0.00	-11.85 0.30 0.00	-22.68 0.27 0.00	-12.59 0.33 0.00	-14.35 0.27 0.00	5.12 -0.16 0.00	15.61 -0.44 0.00	20.70 -0.42 0.00	16.61 -0.46 0.00	18.72 -0.62 0.00	24.11 -0.93 0.00	20.47 -0.82 0.00	20.25 -0.86 0.00	15.40 -0.71 0.00	-2.00 0.11 0.00	17.00 -0.81 0.00	58.26 -1.55 0.00	96.39 -2.30 0.00	158.78 -3.12 3.90	195.85 -1.08 0.00	282.24 1.36 0.00	54.66 0.06 0.00	16.75 0.06 0.00	47.42 0.69 0.00
KCE_NY_1 323755	159.29 -0.80 -168.22	186.81 -1.16 -200.13	177.43 -2.14 -202.53	154.41 -1.22 -168.54	176.35 -1.36 -192.34	152.89 0.52 -147.10	154.82 1.61 -137.16	188.35 2.16 -165.07	182.06 1.74 -163.26	169.67 1.98 -148.35	175.64 2.56 -148.05	199.74 2.09 -176.36	152.77 2.06 -129.61	155.80 1.55 -138.13	156.49 -0.21 -158.80	138.56 1.78 -118.97	192.43 6.26 -126.36	121.41 10.49 -12.22	182.80 17.00 0.00	217.04 20.10 0.00	308.56 27.67 0.00	100.29 5.40 -40.29	113.99 1.62 -95.68	110.29 4.46 -59.09



KEDC PORT_JEFF_GT2 24210	109.32 -0.97 -118.41	127.31 -1.40 -140.87	117.15 -2.45 -142.56	104.26 -1.47 -118.64	119.11 -1.65 -135.39	109.47 0.65 -103.55	114.59 2.03 -96.52	139.55 2.63 -115.80	133.51 1.92 -114.53	125.61 2.19 -104.07	132.80 3.05 -104.70	156.63 2.70 -132.64	123.94 2.85 -99.98	115.11 2.09 -96.91	109.02 -0.27 -111.41	106.95 2.41 -86.73	159.23 7.42 -92.01	144.76 11.63 -34.43	211.64 18.12 -27.72	216.63 19.70 0.00	305.92 25.03 0.00	88.88 6.01 -28.26	85.62 1.81 -67.12	93.14 4.95 -41.45
KEDC PORT_JEFF_GT3 24211	109.32 -0.97 -118.41	127.31 -1.40 -140.87	117.15 -2.45 -142.56	104.26 -1.47 -118.64	119.11 -1.65 -135.39	109.47 0.65 -103.55	114.59 2.03 -96.52	139.55 2.63 -115.80	133.51 1.92 -114.53	125.61 2.19 -104.07	132.80 3.05 -104.70	156.63 2.70 -132.64	123.94 2.85 -99.98	115.11 2.09 -96.91	109.02 -0.27 -111.41	106.95 2.41 -86.73	159.23 7.42 -92.01	144.76 11.63 -34.43	211.64 18.12 -27.72	216.63 19.70 0.00	305.92 25.03 0.00	88.88 6.01 -28.26	85.62 1.81 -67.12	93.14 4.95 -41.45
KEDC_GLWD_GT4 24219	109.53 -0.75 -118.41	127.62 -1.10 -140.87	117.65 -1.95 -142.56	104.58 -1.15 -118.64	119.47 -1.29 -135.39	109.33 0.52 -103.55	114.20 1.63 -96.52	139.08 2.16 -115.80	133.31 1.72 -114.53	125.45 2.03 -104.07	132.52 2.78 -104.70	156.34 2.41 -132.64	123.61 2.52 -99.98	114.87 1.85 -96.91	109.06 -0.23 -111.41	106.46 1.92 -86.73	157.71 5.89 -92.01	142.60 9.47 -34.43	208.67 15.15 -27.72	214.35 17.42 0.00	304.36 23.47 0.00	88.14 5.28 -28.26	85.38 1.57 -67.12	92.41 4.22 -41.45
KEDC_GLWD_GT5 24220	109.53 -0.75 -118.41	127.62 -1.10 -140.87	117.65 -1.95 -142.56	104.58 -1.15 -118.64	119.47 -1.29 -135.39	109.33 0.52 -103.55	114.20 1.63 -96.52	139.08 2.16 -115.80	133.31 1.72 -114.53	125.45 2.03 -104.07	132.52 2.78 -104.70	156.34 2.41 -132.64	123.61 2.52 -99.98	114.87 1.85 -96.91	109.06 -0.23 -111.41	106.46 1.92 -86.73	157.71 5.89 -92.01	142.60 9.47 -34.43	208.67 15.15 -27.72	214.35 17.42 0.00	304.36 23.47 0.00	88.14 5.28 -28.26	85.38 1.57 -67.12	92.41 4.22 -41.45
KENSICO____ 23655	109.39 -0.61 -118.13	127.50 -0.88 -140.53	117.68 -1.58 -142.22	104.52 -0.92 -118.36	119.41 -1.04 -135.06	108.98 0.42 -103.30	113.66 1.33 -96.29	138.40 1.76 -115.52	132.78 1.46 -114.26	124.88 1.71 -103.83	130.96 2.31 -103.61	146.69 1.98 -123.43	113.91 2.09 -90.71	114.32 1.54 -96.67	108.83 -0.20 -111.14	102.73 1.66 -83.26	153.26 5.01 -88.44	115.34 8.09 -8.55	179.20 13.39 0.00	212.80 15.87 0.00	302.48 21.59 0.00	87.58 4.78 -28.20	85.02 1.37 -66.96	91.56 3.47 -41.36
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	102.60 -0.65 -111.37	119.39 -0.95 -132.49	109.40 -1.73 -134.08	97.67 -0.99 -111.58	111.57 -1.14 -127.33	103.10 0.45 -97.38	108.27 1.44 -90.78	131.99 1.93 -108.94	126.40 1.59 -107.74	119.08 1.82 -97.91	125.17 2.42 -97.71	139.74 2.06 -116.39	108.73 2.08 -85.54	108.74 1.47 -91.16	102.51 -0.19 -104.81	97.97 1.65 -78.52	148.70 5.50 -83.40	115.95 9.19 -8.07	181.28 15.47 0.00	215.30 18.36 0.00	306.18 25.29 0.00	86.41 5.22 -26.59	81.32 1.49 -63.15	89.49 3.75 -39.00
KIAC_JFK_GT1 23816	109.60 -0.65 -118.38	127.76 -0.92 -140.83	117.92 -1.65 -142.52	104.73 -0.96 -118.61	119.64 -1.09 -135.35	109.23 0.45 -103.51	113.96 1.43 -96.49	138.78 1.89 -115.77	133.17 1.61 -114.49	125.22 1.84 -104.04	131.32 2.46 -103.83	147.09 2.12 -123.69	114.27 2.26 -90.90	114.64 1.65 -96.88	109.06 -0.21 -111.37	102.96 1.72 -83.44	153.14 4.72 -88.62	114.80 7.54 -8.57	178.27 12.47 0.00	211.82 14.89 0.00	301.02 20.13 0.00	87.59 4.73 -28.26	85.19 1.40 -67.10	91.57 3.40 -41.44
KIAC_JFK_GT2 23817	109.60 -0.65 -118.38	127.76 -0.92 -140.83	117.92 -1.65 -142.52	104.73 -0.96 -118.61	119.64 -1.09 -135.35	109.23 0.45 -103.51	113.96 1.43 -96.49	138.78 1.89 -115.77	133.17 1.61 -114.49	125.22 1.84 -104.04	131.32 2.46 -103.83	147.09 2.12 -123.69	114.27 2.26 -90.90	114.64 1.65 -96.88	109.06 -0.21 -111.37	102.96 1.72 -83.44	153.14 4.72 -88.62	114.80 7.54 -8.57	178.27 12.47 0.00	211.82 14.89 0.00	301.02 20.13 0.00	87.59 4.73 -28.26	85.19 1.40 -67.10	91.57 3.40 -41.44
KINTIGH____ 23543	8.88 0.37 -16.63	8.22 0.59 -19.78	-1.75 1.19 -20.02	4.34 0.60 -16.66	5.11 0.73 -19.01	19.59 -0.22 -14.54	28.83 -0.76 -13.55	36.43 -1.12 -16.42	32.30 -1.01 -16.24	33.03 -1.08 -14.76	38.30 -1.47 -14.73	37.48 -1.36 -17.55	32.61 -1.40 -12.90	28.76 -1.09 -13.75	13.83 0.14 -15.80	28.51 -1.14 -11.84	68.26 -4.12 -12.57	91.99 -7.92 -1.22	152.81 -13.00 0.00	180.53 -16.40 0.00	258.14 -22.74 0.00	54.00 -4.61 -4.01	24.77 -1.44 -9.52	48.67 -3.94 -5.88
LACHUTE__HYDRO 323717	159.26 -1.27 -168.65	186.67 -1.82 -200.64	176.71 -3.38 -203.05	154.15 -1.92 -168.98	176.07 -2.14 -192.83	153.55 0.80 -147.47	156.19 2.63 -137.51	190.32 3.73 -165.47	183.85 3.13 -163.65	171.57 3.51 -148.71	178.03 4.58 -148.41	201.87 3.79 -176.79	154.60 3.57 -129.92	157.00 2.42 -138.47	156.73 -0.35 -159.19	140.03 2.96 -119.26	198.27 11.79 -126.67	128.67 17.72 -12.25	195.03 29.22 0.00	231.58 34.65 0.00	328.76 47.88 0.00	104.34 9.35 -40.39	115.34 2.74 -95.91	113.37 7.40 -59.24
LEDERLE____ 23769	105.37 -0.56 -114.05	122.71 -0.82 -135.69	112.88 -1.48 -137.31	100.50 -0.86 -114.27	114.80 -0.98 -130.40	105.39 0.39 -99.73	110.25 1.24 -92.97	134.30 1.64 -111.54	128.73 1.36 -110.31	121.18 1.60 -100.24	127.22 2.14 -100.04	142.29 1.83 -119.17	110.64 1.95 -87.58	110.88 1.43 -93.34	105.01 -0.18 -107.31	99.73 1.53 -80.39	149.84 4.65 -85.39	114.44 7.49 -8.26	178.26 12.46 0.00	211.74 14.81 0.00	301.03 20.14 0.00	86.25 4.42 -27.23	82.60 1.26 -64.65	89.82 3.16 -39.93
LINDEN COGEN____ 23786	109.69 -0.57 -118.38	127.88 -0.80 -140.83	118.15 -1.42 -142.52	104.87 -0.83 -118.61	119.80 -0.93 -135.35	109.17 0.39 -103.51	110.84 1.23 -93.56	109.80 1.63 -87.06	123.01 1.37 -104.56	125.02 1.63 -104.04	126.61 2.23 -99.35	146.90 1.93 -123.69	114.08 2.07 -90.90	114.51 1.52 -96.88	109.07 -0.19 -111.37	102.88 1.63 -83.44	153.15 4.73 -88.62	114.84 7.57 -8.57	178.26 12.45 0.00	211.78 14.85 0.00	301.16 20.27 0.00	87.59 4.73 -28.26	85.14 1.35 -67.10	91.54 3.36 -41.44
LIPA_MISC_IPP 23656	109.29 -1.00 -118.41	127.28 -1.44 -140.87	117.08 -2.52 -142.56	104.22 -1.50 -118.64	119.06 -1.70 -135.39	109.49 0.67 -103.55	114.67 2.10 -96.52	139.65 2.73 -115.80	133.60 2.01 -114.53	125.68 2.27 -104.07	132.88 3.14 -104.70	156.68 2.75 -132.64	123.96 2.87 -99.98	115.13 2.11 -96.91	109.02 -0.27 -111.41	107.00 2.46 -86.73	159.56 7.75 -92.01	145.23 12.10 -34.43	212.33 18.80 -27.72	216.98 20.05 0.00	306.65 25.76 0.00	89.22 6.35 -28.26	85.70 1.90 -67.12	93.31 5.12 -41.45
LISF__SOLAR 323691	109.28 -1.01 -118.41	127.25 -1.46 -140.87	117.04 -2.56 -142.56	104.19 -1.53 -118.64	119.03 -1.73 -135.39	109.50 0.68 -103.55	114.71 2.14 -96.52	139.71 2.79 -115.80	133.64 2.05 -114.53	125.71 2.29 -104.07	132.91 3.17 -104.70	156.71 2.78 -132.64	123.98 2.89 -99.98	115.15 2.13 -96.91	109.02 -0.28 -111.41	107.03 2.49 -86.73	159.74 7.92 -92.01	145.49 12.36 -34.43	212.77 19.25 -27.72	217.51 20.58 0.00	307.39 26.50 0.00	89.37 6.50 -28.26	85.74 1.93 -67.12	93.42 5.23 -41.45
LITTLE FALLS__HYD 24013	-11.23 -0.29 2.82	-15.90 -0.39 3.36	-27.41 -1.06 3.40	-16.13 -0.38 2.83	-18.39 -0.54 3.23	3.03 0.23 2.47	14.45 0.72 2.32	19.12 0.99 2.99	14.86 0.75 2.96	17.56 0.90 2.69	23.52 1.17 2.69	18.95 0.87 3.20	19.54 0.77 2.35	14.24 0.64 2.50	-5.07 -0.08 2.88	16.39 0.73 2.16	60.28 2.77 2.29	103.70 5.23 0.22	175.16 9.35 0.00	208.43 11.50 0.00	297.45 16.56 0.00	57.12 3.25 0.73	15.89 0.95 1.74	48.14 2.48 1.07



LI_NEWBRDGE___DRP 323616	109.51 -0.78 -118.41	127.59 -1.13 -140.87	117.62 -1.99 -142.56	104.54 -1.18 -118.64	119.43 -1.33 -135.39	109.34 0.52 -103.55	114.23 1.66 -96.52	139.11 2.19 -115.80	133.26 1.68 -114.53	125.38 1.96 -104.07	132.46 2.72 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.06 -0.23 -111.41	106.55 2.01 -86.73	157.96 6.15 -92.01	142.99 9.86 -34.43	209.38 15.85 -27.72	214.79 17.86 0.00	304.53 23.64 0.00	88.32 5.46 -28.26	85.40 1.59 -67.12	92.42 4.23 -41.45
LOCKPORT___CC1 323769	10.63 0.44 -18.31	10.31 0.69 -21.78	0.49 1.41 -22.04	6.14 0.71 -18.34	7.17 0.86 -20.93	20.98 -0.30 -16.01	29.95 -1.01 -14.92	37.76 -1.46 -18.09	33.66 -1.31 -17.90	34.22 -1.39 -16.26	39.38 -1.89 -16.23	38.89 -1.73 -19.34	33.57 -1.75 -14.21	29.88 -1.37 -15.14	15.48 0.18 -17.41	29.43 -1.43 -13.04	68.56 -5.10 -13.85	90.30 -9.73 -1.34	149.76 -16.04 0.00	176.80 -20.13 0.00	253.01 -27.88 0.00	53.31 -5.71 -4.42	25.37 -1.81 -10.49	48.31 -4.90 -6.48
LOCKPORT___CC2 323770	10.63 0.44 -18.31	10.31 0.69 -21.78	0.49 1.41 -22.04	6.14 0.71 -18.34	7.17 0.86 -20.93	20.98 -0.30 -16.01	29.95 -1.01 -14.92	37.76 -1.46 -18.09	33.66 -1.31 -17.90	34.22 -1.39 -16.26	39.38 -1.89 -16.23	38.89 -1.73 -19.34	33.57 -1.75 -14.21	29.88 -1.37 -15.14	15.48 0.18 -17.41	29.43 -1.43 -13.04	68.56 -5.10 -13.85	90.30 -9.73 -1.34	149.76 -16.04 0.00	176.80 -20.13 0.00	253.01 -27.88 0.00	53.31 -5.71 -4.42	25.37 -1.81 -10.49	48.31 -4.90 -6.48
LOCKPORT___CC3 323771	10.63 0.44 -18.31	10.31 0.69 -21.78	0.49 1.41 -22.04	6.14 0.71 -18.34	7.17 0.86 -20.93	20.98 -0.30 -16.01	29.95 -1.01 -14.92	37.76 -1.46 -18.09	33.66 -1.31 -17.90	34.22 -1.39 -16.26	39.38 -1.89 -16.23	38.89 -1.73 -19.34	33.57 -1.75 -14.21	29.88 -1.37 -15.14	15.48 0.18 -17.41	29.43 -1.43 -13.04	68.56 -5.10 -13.85	90.30 -9.73 -1.34	149.76 -16.04 0.00	176.80 -20.13 0.00	253.01 -27.88 0.00	53.31 -5.71 -4.42	25.37 -1.81 -10.49	48.31 -4.90 -6.48
LONG_LAKE_PHOENIX 24014	1.47 0.11 -9.48	-0.70 0.18 -11.27	-11.17 0.38 -11.41	-3.23 0.19 -9.49	-3.58 0.21 -10.83	13.49 -0.06 -8.29	23.58 -0.20 -7.73	30.18 -0.27 -9.33	26.06 -0.23 -9.23	27.46 -0.27 -8.38	33.07 -0.34 -8.37	30.99 -0.26 -9.97	28.14 -0.29 -7.32	23.73 -0.19 -7.81	6.89 0.02 -8.97	24.33 -0.20 -6.72	66.00 -0.95 -7.14	97.62 -1.77 -0.69	163.20 -3.01 -0.40	193.12 -3.81 0.00	275.24 -5.65 0.00	55.73 -1.15 -2.28	21.75 -0.33 -5.40	48.84 -1.23 -3.34
LOVETT___3 23632	105.90 -0.51 -114.53	123.36 -0.75 -136.26	113.59 -1.35 -137.89	101.05 -0.78 -114.75	115.44 -0.89 -130.95	105.78 0.36 -100.15	110.54 1.14 -93.36	134.63 1.50 -112.01	129.08 1.24 -110.78	121.47 1.46 -100.67	127.47 1.97 -100.46	142.65 1.69 -119.67	110.86 1.80 -87.94	111.17 1.33 -93.73	105.48 -0.17 -107.76	99.95 1.41 -80.73	149.78 4.23 -85.75	113.79 6.80 -8.29	177.02 11.22 0.00	210.34 13.41 0.00	299.07 18.18 0.00	86.01 4.06 -27.34	82.77 1.15 -64.93	89.73 2.90 -40.10
LOVETT___4 23642	105.90 -0.51 -114.53	123.36 -0.75 -136.26	113.59 -1.35 -137.89	101.05 -0.78 -114.75	115.44 -0.89 -130.95	105.78 0.36 -100.15	110.54 1.14 -93.36	134.63 1.50 -112.01	129.08 1.24 -110.78	121.47 1.46 -100.67	127.47 1.97 -100.46	142.65 1.69 -119.67	110.86 1.80 -87.94	111.17 1.33 -93.73	105.48 -0.17 -107.76	99.95 1.41 -80.73	149.78 4.23 -85.75	113.79 6.80 -8.29	177.02 11.22 0.00	210.34 13.41 0.00	299.07 18.18 0.00	86.01 4.06 -27.34	82.77 1.15 -64.93	89.73 2.90 -40.10
LOVETT___5 23593	105.90 -0.51 -114.53	123.36 -0.75 -136.26	113.59 -1.35 -137.89	101.05 -0.78 -114.75	115.44 -0.89 -130.95	105.78 0.36 -100.15	110.54 1.14 -93.36	134.63 1.50 -112.01	129.08 1.24 -110.78	121.47 1.46 -100.67	127.47 1.97 -100.46	142.65 1.69 -119.67	110.86 1.80 -87.94	111.17 1.33 -93.73	105.48 -0.17 -107.76	99.95 1.41 -80.73	149.78 4.23 -85.75	113.79 6.80 -8.29	177.02 11.22 0.00	210.34 13.41 0.00	299.07 18.18 0.00	86.01 4.06 -27.34	82.77 1.15 -64.93	89.73 2.90 -40.10
LOWER RAQUET___HYD 24057	-7.90 0.22 0.00	-11.85 0.30 0.00	-22.45 0.51 0.00	-12.59 0.33 0.00	-14.29 0.33 0.00	5.15 -0.12 0.00	15.64 -0.40 0.00	20.60 -0.52 0.00	16.75 -0.32 0.00	18.94 -0.40 0.00	24.42 -0.61 0.00	20.75 -0.53 0.00	20.57 -0.54 0.00	15.65 -0.46 0.00	-2.04 0.07 0.00	17.21 -0.60 0.00	58.19 -1.62 0.00	97.46 -1.24 0.00	176.73 -1.12 -12.04	197.49 0.55 -0.01	284.20 3.32 0.00	54.73 0.13 0.00	16.70 0.02 0.00	47.48 0.75 0.00
LOWER___HUDSON 24059	154.50 -0.68 -163.30	181.15 -0.98 -194.28	171.81 -1.84 -196.61	149.66 -1.05 -163.62	170.94 -1.15 -186.72	148.51 0.43 -142.80	150.53 1.31 -133.18	183.42 1.69 -160.61	177.29 1.38 -158.84	165.27 1.58 -144.34	171.11 2.03 -144.05	194.54 1.66 -171.60	148.85 1.63 -126.10	151.78 1.27 -134.40	152.23 -0.17 -154.51	134.97 1.40 -115.75	187.64 4.88 -122.95	118.63 8.04 -11.89	179.17 13.37 0.00	212.83 15.91 0.00	302.77 21.88 0.00	98.14 4.33 -39.21	111.12 1.34 -93.10	107.94 3.71 -57.50
LWR___OSWEGATCHIE_HYD 23850	-8.03 0.09 0.00	-12.04 0.11 0.00	-22.74 0.21 0.00	-12.79 0.12 0.00	-14.53 0.09 0.00	5.27 0.00 0.00	16.07 0.02 0.00	21.18 0.05 0.00	17.22 0.16 0.00	19.50 0.16 0.00	25.18 0.14 0.00	21.39 0.11 0.00	21.17 0.06 0.00	16.11 0.00 0.00	-2.10 0.01 0.00	17.78 -0.03 0.00	60.12 0.31 0.00	100.32 1.62 0.00	177.57 3.59 -8.17	202.08 5.15 0.00	289.57 8.68 0.00	55.80 1.19 0.00	17.00 0.31 0.00	47.81 1.08 0.00
LYONS_FALL_HYD 23570	-8.29 -0.17 0.00	-12.41 -0.26 0.00	-23.43 -0.48 0.00	-13.20 -0.28 0.00	-14.98 -0.36 0.00	5.44 0.17 0.00	16.62 0.58 0.00	21.92 0.79 0.00	17.75 0.69 0.00	20.15 0.80 0.00	26.02 0.98 0.00	22.10 0.81 0.00	21.86 0.74 0.00	16.65 0.54 0.00	-2.17 -0.06 0.00	18.44 0.63 0.00	62.27 2.47 0.00	103.23 4.54 0.00	176.09 7.96 -2.32	206.34 9.41 0.00	294.39 13.50 0.00	56.95 2.34 0.00	17.34 0.65 0.00	48.36 1.62 0.00
MADISON___COUNTY_LFGE 323628	-3.46 -0.23 -4.89	-6.70 -0.36 -5.82	-17.75 -0.69 -5.89	-8.42 -0.40 -4.90	-9.52 -0.49 -5.59	9.76 0.21 -4.28	20.59 0.68 -3.87	25.11 0.90 -3.08	20.81 0.70 -3.05	22.98 0.87 -2.77	28.93 1.12 -2.77	25.49 0.91 -3.30	24.38 0.85 -2.42	19.31 0.62 -2.58	0.79 -0.07 -2.97	20.73 0.69 -2.22	64.76 2.60 -2.36	103.48 4.56 -0.23	173.93 7.38 -0.74	205.47 8.54 0.00	292.96 12.08 0.00	57.57 2.22 -0.75	19.09 0.62 -1.78	49.31 1.48 -1.10
MAPLE_RIDGE_WT_1 323574	-15.08 0.04 7.00	-20.43 0.05 8.32	-31.30 0.08 8.42	-19.88 0.05 7.01	-22.57 0.05 8.00	-0.95 -0.11 6.12	10.11 -0.23 5.71	13.93 -0.29 6.90	9.99 -0.24 6.82	12.88 -0.26 6.20	18.61 -0.24 6.19	13.70 -0.22 7.37	15.32 -0.37 5.42	10.06 -0.28 5.77	-8.74 0.01 6.64	12.71 -0.13 4.97	54.39 -0.13 5.28	98.00 -0.19 0.51	165.55 -0.25 0.00	196.45 -0.47 0.00	280.08 -0.81 0.00	52.46 -0.46 1.68	12.46 -0.23 4.00	43.53 -0.73 2.47
MAPLE_RIDGE_WT_2 323611	-15.08 0.04 7.00	-20.43 0.05 8.32	-31.30 0.08 8.42	-19.88 0.05 7.01	-22.57 0.05 8.00	-0.95 -0.11 6.12	10.11 -0.23 5.71	13.93 -0.29 6.90	9.99 -0.24 6.82	12.88 -0.26 6.20	18.61 -0.24 6.19	13.70 -0.22 7.37	15.32 -0.37 5.42	10.06 -0.28 5.77	-8.74 0.01 6.64	12.71 -0.13 4.97	54.39 -0.13 5.28	98.00 -0.19 0.51	165.55 -0.25 0.00	196.45 -0.47 0.00	280.08 -0.81 0.00	52.46 -0.46 1.68	12.46 -0.23 4.00	43.53 -0.73 2.47



MARBLE_RIVER_WT_PWR 323696	-7.83 0.29 0.00	-11.86 0.29 0.00	-22.75 0.20 0.00	-12.61 0.31 0.00	-14.40 0.22 0.00	5.11 -0.16 0.00	15.58 -0.47 0.00	20.67 -0.45 0.00	16.56 -0.50 0.00	18.67 -0.67 0.00	24.03 -1.01 0.00	20.39 -0.90 0.00	20.17 -0.94 0.00	15.34 -0.78 0.00	-1.98 0.12 0.00	16.92 -0.89 0.00	58.12 -1.69 0.00	96.36 -2.33 0.00	160.41 -3.12 2.28	196.27 -0.65 0.00	283.11 2.22 0.00	54.84 0.24 0.00	16.82 0.13 0.00	47.60 0.86 0.00
MARSH_HILL_WT_PWR 323713	16.90 0.17 -24.86	17.65 0.23 -29.57	7.61 0.64 -29.92	12.32 0.33 -24.90	14.11 0.31 -28.42	26.94 -0.06 -21.73	36.08 -0.27 -20.30	45.52 -0.26 -24.66	41.25 -0.21 -24.39	41.36 -0.15 -22.17	46.97 -0.19 -22.12	47.32 -0.32 -26.35	40.21 -0.27 -19.37	36.62 -0.14 -20.64	21.63 0.01 -23.73	35.70 0.12 -17.78	78.93 0.24 -18.88	100.11 -0.41 -1.83	166.06 0.26 0.00	196.05 -0.88 0.00	278.68 -2.21 0.00	59.39 -1.24 -6.02	30.41 -0.57 -14.30	53.42 -2.14 -8.83
MG_INDUSTRY___DRP 24185	133.22 -0.50 -141.84	155.88 -0.72 -168.75	146.47 -1.35 -170.77	128.43 -0.77 -142.12	146.71 -0.85 -162.18	129.61 0.30 -124.03	132.56 0.88 -115.63	161.07 1.10 -138.84	155.24 0.86 -137.32	145.13 1.01 -124.79	150.81 1.25 -124.53	170.67 1.04 -148.34	131.17 1.05 -109.02	133.18 0.88 -116.19	131.35 -0.11 -133.57	118.82 0.94 -100.07	169.01 2.92 -106.29	113.85 4.87 -10.28	173.95 8.15 0.00	206.71 9.78 0.00	294.24 13.35 0.00	91.20 2.70 -33.89	98.08 0.91 -80.48	99.08 2.64 -49.70
MID___OSWEGATCHIE_HYD 23849	-8.03 0.09 0.00	-12.04 0.11 0.00	-22.74 0.21 0.00	-12.79 0.12 0.00	-14.53 0.09 0.00	5.27 0.00 0.00	16.07 0.02 0.00	21.18 0.05 0.00	17.22 0.16 0.00	19.50 0.16 0.00	25.18 0.14 0.00	21.39 0.11 0.00	21.17 0.06 0.00	16.11 0.00 0.00	-2.10 0.01 0.00	17.78 -0.03 0.00	60.12 0.31 0.00	100.32 1.62 0.00	177.57 3.59 -8.17	202.08 5.15 0.00	289.57 8.68 0.00	55.80 1.19 0.00	17.00 0.31 0.00	47.81 1.08 0.00
MID___RAQUETTE_HYD 23851	-7.90 0.22 0.00	-11.85 0.30 0.00	-22.45 0.51 0.00	-12.59 0.33 0.00	-14.29 0.33 0.00	5.15 -0.12 0.00	15.64 -0.40 0.00	20.60 -0.52 0.00	16.75 -0.32 0.00	18.94 -0.40 0.00	24.42 -0.61 0.00	20.75 -0.53 0.00	20.57 -0.54 0.00	15.65 -0.46 0.00	-2.04 0.07 0.00	17.21 -0.60 0.00	58.19 -1.62 0.00	97.46 -1.24 0.00	176.73 -1.12 -12.04	197.49 0.55 -0.01	284.20 3.32 0.00	54.73 0.13 0.00	16.70 0.02 0.00	47.48 0.75 0.00
MILLIKEN___1 23584	15.76 -0.19 -24.07	16.20 -0.29 -28.64	5.54 -0.49 -28.98	10.91 -0.29 -24.12	12.55 -0.36 -27.52	26.48 0.16 -21.05	36.23 0.51 -19.68	46.15 0.71 -24.32	41.66 0.54 -24.06	41.83 0.63 -21.86	47.67 0.81 -21.81	47.96 0.68 -25.99	40.85 0.64 -19.10	36.98 0.51 -20.35	21.22 -0.07 -23.40	35.92 0.59 -17.53	80.28 1.86 -18.62	103.23 2.73 -1.80	170.52 4.71 0.00	202.16 5.23 0.00	288.22 7.33 0.00	61.75 1.21 -5.94	31.10 0.32 -14.10	56.06 0.62 -8.71
MILLIKEN___2 23585	15.76 -0.19 -24.07	16.20 -0.29 -28.64	5.54 -0.49 -28.98	10.91 -0.29 -24.12	12.55 -0.36 -27.52	26.48 0.16 -21.05	36.23 0.51 -19.68	46.15 0.71 -24.32	41.66 0.54 -24.06	41.83 0.63 -21.86	47.67 0.81 -21.81	47.96 0.68 -25.99	40.85 0.64 -19.10	36.98 0.51 -20.35	21.22 -0.07 -23.40	35.92 0.59 -17.53	80.28 1.86 -18.62	103.23 2.73 -1.80	170.52 4.71 0.00	202.16 5.23 0.00	288.22 7.33 0.00	61.75 1.21 -5.94	31.10 0.32 -14.10	56.06 0.62 -8.71
MILLIKEN___DIESEL 23629	15.76 -0.19 -24.07	16.20 -0.29 -28.64	5.54 -0.49 -28.98	10.91 -0.29 -24.12	12.55 -0.36 -27.52	26.48 0.16 -21.05	36.23 0.51 -19.68	46.15 0.71 -24.32	41.66 0.54 -24.06	41.83 0.63 -21.86	47.67 0.81 -21.81	47.96 0.68 -25.99	40.85 0.64 -19.10	36.98 0.51 -20.35	21.22 -0.07 -23.40	35.92 0.59 -17.53	80.28 1.86 -18.62	103.23 2.73 -1.80	170.52 4.71 0.00	202.16 5.23 0.00	288.22 7.33 0.00	61.75 1.21 -5.94	31.10 0.32 -14.10	56.06 0.62 -8.71
MILLSEAT___LFGE 323607	9.72 0.24 -17.60	9.18 0.39 -20.94	-0.92 0.85 -21.18	5.12 0.40 -17.63	5.99 0.49 -20.12	20.51 -0.15 -15.39	29.83 -0.55 -14.34	37.71 -0.81 -17.40	33.50 -0.77 -17.20	34.20 -0.78 -15.63	39.54 -1.10 -15.60	38.81 -1.06 -18.59	33.68 -1.10 -13.66	29.79 -0.88 -14.56	14.74 0.11 -16.74	29.47 -0.88 -12.54	69.93 -3.20 -13.32	93.57 -6.41 -1.29	155.40 -10.40 0.00	183.36 -13.57 0.00	262.17 -18.72 0.00	54.84 -4.01 -4.25	25.46 -1.31 -10.08	49.40 -3.56 -6.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	108.97 -0.59 -117.68	127.00 -0.85 -140.00	117.15 -1.54 -141.64	103.69 -0.89 -117.50	118.46 -1.00 -134.08	108.22 0.40 -102.55	112.92 1.28 -95.59	137.50 1.70 -114.69	131.90 1.41 -113.43	124.07 1.65 -103.07	130.12 2.22 -102.86	145.73 1.91 -122.53	113.17 2.01 -90.05	113.57 1.48 -95.97	108.04 -0.19 -110.33	102.06 1.60 -82.66	152.44 4.83 -87.79	114.99 7.80 -8.49	178.71 12.90 0.00	212.22 15.29 0.00	301.66 20.77 0.00	87.20 4.61 -27.99	84.49 1.32 -66.48	91.14 3.35 -41.06
MODEL_CITY_ENERGY 24167	10.68 0.45 -18.34	10.38 0.71 -21.82	0.56 1.44 -22.09	6.19 0.72 -18.38	7.23 0.88 -20.97	20.99 -0.33 -16.04	29.89 -1.10 -14.95	37.68 -1.58 -18.13	33.58 -1.42 -17.94	34.13 -1.51 -16.30	39.24 -2.06 -16.26	38.79 -1.88 -19.38	33.45 -1.90 -14.24	29.80 -1.49 -15.18	15.53 0.19 -17.45	29.32 -1.56 -13.07	68.12 -5.57 -13.88	89.61 -10.43 -1.34	148.60 -17.20 0.00	175.46 -21.47 0.00	251.09 -29.80 0.00	52.97 -6.06 -4.43	25.29 -1.91 -10.51	48.09 -5.14 -6.49
MODERN_LFGE___ 323580	10.68 0.45 -18.34	10.38 0.71 -21.82	0.56 1.44 -22.09	6.19 0.72 -18.38	7.23 0.88 -20.97	20.99 -0.33 -16.04	29.89 -1.10 -14.95	37.68 -1.58 -18.13	33.58 -1.42 -17.94	34.13 -1.51 -16.30	39.24 -2.06 -16.26	38.79 -1.88 -19.38	33.45 -1.90 -14.24	29.80 -1.49 -15.18	15.53 0.19 -17.45	29.32 -1.56 -13.07	68.12 -5.57 -13.88	89.61 -10.43 -1.34	148.60 -17.20 0.00	175.46 -21.47 0.00	251.09 -29.80 0.00	52.97 -6.06 -4.43	25.29 -1.91 -10.51	48.09 -5.14 -6.49
MOHAWK_PAPER___DRP 24187	151.08 -0.66 -159.87	177.09 -0.95 -190.19	167.73 -1.79 -192.47	146.24 -1.02 -160.18	167.04 -1.13 -182.79	145.49 0.42 -139.79	147.65 1.26 -130.34	179.46 1.62 -156.72	173.34 1.28 -154.99	161.67 1.48 -140.85	167.48 1.88 -140.56	190.29 1.56 -167.44	145.71 1.55 -123.05	148.52 1.26 -131.15	148.50 -0.16 -150.77	132.14 1.38 -112.95	184.26 4.48 -119.97	117.79 7.49 -11.60	178.26 12.46 0.00	211.64 14.71 0.00	301.05 20.16 0.00	96.88 4.03 -38.25	108.83 1.31 -90.84	106.54 3.70 -56.10
MONGAUP___HYD 23641	99.67 -0.59 -108.38	115.92 -0.86 -128.94	105.96 -1.57 -130.48	94.76 -0.90 -108.58	108.25 -1.04 -123.91	100.44 0.41 -94.77	105.67 1.29 -88.34	128.71 1.59 -106.00	123.14 1.25 -104.83	116.05 1.44 -95.26	122.05 1.94 -95.07	136.28 1.74 -113.25	106.27 1.94 -83.23	106.19 1.38 -88.70	99.69 -0.18 -101.97	95.63 1.43 -76.39	144.91 3.96 -81.14	113.22 6.68 -7.85	176.93 11.13 0.00	210.62 13.69 0.00	302.55 21.66 0.00	85.22 4.74 -25.87	79.47 1.34 -61.44	88.05 3.37 -37.95
MONTAUK___DIESEL 23721	109.02 -1.26 -118.41	126.89 -1.83 -140.87	116.35 -3.26 -142.56	103.79 -1.94 -118.64	118.56 -2.20 -135.39	109.68 0.87 -103.55	115.30 2.73 -96.52	140.52 3.60 -115.80	134.29 2.70 -114.53	126.41 2.99 -104.07	133.79 4.04 -104.70	157.46 3.53 -132.64	124.69 3.60 -99.98	115.67 2.65 -96.91	108.95 -0.35 -111.41	107.66 3.12 -86.73	162.02 10.21 -92.01	148.99 15.86 -34.43	218.24 24.72 -27.72	221.88 24.95 0.00	316.30 35.41 0.00	91.34 8.48 -28.26	86.32 2.51 -67.12	94.92 6.74 -41.45



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	109.64 -0.63 -118.39	127.79 -0.90 -140.85	117.96 -1.63 -142.54	104.76 -0.95 -118.62	119.68 -1.07 -135.37	109.24 0.44 -103.53	113.93 1.38 -96.51	138.74 1.83 -115.78	133.11 1.53 -114.51	125.20 1.80 -104.06	131.33 2.44 -103.85	147.09 2.09 -123.70	114.24 2.22 -90.91	114.63 1.63 -96.89	109.07 -0.21 -111.39	103.02 1.76 -83.45	153.70 5.26 -88.63	115.73 8.45 -8.57	179.72 13.91 0.00	213.40 16.47 0.00	303.36 22.47 0.00	87.92 5.06 -28.26	85.25 1.45 -67.11	91.83 3.65 -41.45
MUNSVILLE_WIND_PWR 323609	28.32 -0.61 -37.05	31.01 -0.92 -44.08	19.97 -1.68 -44.61	23.21 -1.00 -37.12	26.43 -1.31 -42.36	38.22 0.55 -32.40	48.04 1.75 -30.25	60.26 2.33 -36.80	55.16 1.70 -36.40	54.50 2.08 -33.08	60.59 2.54 -33.01	62.68 2.07 -39.32	51.97 1.96 -28.90	48.34 1.43 -30.80	33.11 -0.19 -35.41	46.13 1.79 -26.53	94.63 6.65 -28.17	112.71 11.29 -2.73	185.39 19.58 0.00	220.88 23.95 0.00	315.77 34.88 0.00	69.88 6.30 -8.98	39.75 1.73 -21.33	64.27 4.37 -13.18
N SALMON___HYD 24042	-8.06 0.06 0.00	-12.14 0.01 0.00	-23.17 -0.22 0.00	-12.90 0.02 0.00	-14.69 -0.07 0.00	5.26 -0.01 0.00	16.15 0.11 0.00	21.49 0.37 0.00	17.27 0.20 0.00	19.50 0.16 0.00	25.08 0.04 0.00	21.29 0.00 0.00	21.07 -0.04 0.00	16.03 -0.08 0.00	-2.08 0.03 0.00	17.70 -0.11 0.00	60.65 0.84 0.00	99.54 0.85 0.00	190.25 2.50 -21.95	202.23 5.28 -0.01	290.99 10.10 0.00	56.26 1.66 0.00	17.19 0.51 0.00	48.65 1.92 0.00
N.E._GEN_SANDY PD 24062	127.29 -0.63 -136.04	151.93 -0.91 -164.99	142.34 -1.68 -166.97	125.08 -0.95 -138.95	142.88 -1.06 -158.57	126.94 0.40 -121.27	130.30 1.23 -113.03	158.75 1.64 -135.99	152.28 1.37 -133.85	142.57 1.59 -121.63	148.51 2.10 -121.38	167.63 1.75 -144.59	129.14 1.77 -106.26	130.68 1.32 -113.25	127.92 -0.17 -130.20	116.77 1.42 -97.54	178.74 4.73 -114.20	133.50 7.70 -27.10	211.48 12.94 -32.74	218.18 15.33 -5.92	308.59 21.12 -6.58	103.63 4.44 -44.58	104.31 1.33 -86.30	130.01 3.53 -79.74
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	105.67 -0.53 -114.32	123.08 -0.78 -136.01	113.29 -1.40 -137.64	100.82 -0.81 -114.54	115.17 -0.92 -130.71	105.60 0.37 -99.96	110.41 1.18 -93.18	134.48 1.55 -111.81	128.92 1.28 -110.58	121.34 1.51 -100.48	127.35 2.04 -100.28	142.48 1.74 -119.45	110.76 1.86 -87.79	111.04 1.37 -93.56	105.28 -0.17 -107.56	99.85 1.46 -80.58	149.79 4.40 -85.59	114.07 7.09 -8.28	177.51 11.70 0.00	210.86 13.93 0.00	299.72 18.83 0.00	86.09 4.20 -27.29	82.68 1.19 -64.81	89.75 2.99 -40.03
NARROWS_GT1_1 24228	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT1_2 24229	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT1_3 24230	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT1_4 24231	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT1_5 24232	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT1_6 24233	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT1_7 24234	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT1_8 24235	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT2_1 24236	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT2_2 24237	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45



NARROWS_GT2_3 24238	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT2_4 24239	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT2_5 24240	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT2_6 24241	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT2_7 24242	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NARROWS_GT2_8 24243	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	120.69 -0.72 -129.53	140.90 -1.05 -154.10	131.05 -1.95 -155.94	115.75 -1.11 -129.78	132.22 -1.25 -148.10	119.01 0.48 -113.26	123.12 1.49 -105.59	149.82 1.95 -126.75	143.99 1.57 -125.36	135.07 1.81 -113.91	141.07 2.35 -113.68	158.67 1.97 -135.42	122.52 1.89 -99.52	123.65 1.48 -106.07	119.64 -0.19 -121.94	110.80 1.64 -91.35	162.32 5.49 -97.03	117.36 9.28 -9.38	181.52 15.71 0.00	215.45 18.52 0.00	306.39 25.50 0.00	90.63 5.09 -30.94	91.70 1.55 -73.47	96.28 4.17 -45.37
NEG CAPITAL___MECHNVIL 23645	157.90 -0.80 -166.82	185.16 -1.15 -198.46	175.74 -2.14 -200.84	153.01 -1.21 -167.14	174.75 -1.36 -190.74	151.66 0.52 -145.87	153.67 1.60 -136.02	187.03 2.13 -163.78	180.78 1.74 -161.98	168.50 1.96 -147.20	174.45 2.52 -146.89	198.34 2.07 -174.99	151.73 2.02 -128.59	154.71 1.54 -137.06	155.25 -0.21 -157.57	137.61 1.76 -118.04	191.48 6.29 -125.38	121.20 10.37 -12.13	182.95 17.15 0.00	217.19 20.26 0.00	308.81 27.92 0.00	100.00 5.42 -39.98	113.25 1.63 -94.94	109.84 4.47 -58.63
NEG CENTRAL_HIGH_ACRES 23767	6.42 0.26 -14.28	5.26 0.42 -16.99	-4.92 0.84 -17.20	1.83 0.43 -14.31	2.21 0.50 -16.33	17.62 -0.14 -12.49	27.25 -0.44 -11.65	34.64 -0.63 -14.14	30.50 -0.55 -13.99	31.48 -0.57 -12.71	36.98 -0.74 -12.68	35.74 -0.66 -15.11	31.52 -0.70 -11.10	27.36 -0.59 -11.84	11.57 0.07 -13.61	27.38 -0.62 -10.19	68.38 -2.25 -10.82	95.39 -4.35 -1.05	158.45 -7.36 0.00	187.61 -9.32 0.00	267.65 -13.24 0.00	55.27 -2.79 -3.45	24.01 -0.87 -8.20	49.20 -2.60 -5.06
NEG CENTRAL___DRP 24199	7.51 -0.01 -15.65	6.46 0.00 -18.61	-4.05 0.07 -18.84	2.78 0.02 -15.67	3.26 -0.01 -17.89	18.99 0.03 -13.68	28.93 0.12 -12.77	36.84 0.19 -15.52	32.53 0.12 -15.35	33.44 0.15 -13.95	39.15 0.19 -13.92	38.01 0.14 -16.58	33.41 0.11 -12.19	29.20 0.10 -12.99	12.81 -0.01 -14.93	29.15 0.15 -11.19	72.00 0.31 -11.88	99.63 -0.21 -1.15	165.67 -0.13 0.00	196.26 -0.66 0.00	279.75 -1.14 0.00	57.92 -0.47 -3.79	25.52 -0.16 -8.99	51.53 -0.76 -5.55
NEG CENTRAL___INDECK 23768	12.58 -0.13 -20.83	12.47 -0.16 -24.78	1.93 -0.19 -25.08	7.80 -0.15 -20.87	9.01 -0.19 -23.82	23.62 0.13 -18.21	33.45 0.40 -17.00	42.35 0.59 -20.64	37.91 0.44 -20.41	38.45 0.56 -18.55	44.23 0.68 -18.51	43.33 0.00 -22.05	37.18 -0.14 -16.20	33.29 -0.09 -17.27	17.76 0.02 -19.85	32.68 0.00 -14.87	75.21 -0.40 -15.80	98.09 -2.13 -1.53	162.90 -2.90 0.00	193.43 -3.50 0.00	274.99 -5.90 0.00	57.94 -1.70 -5.04	28.49 -0.16 -11.96	53.67 -0.45 -7.39
NEG CENTRAL___SENECA 23627	9.26 -0.03 -17.42	8.53 -0.04 -20.72	-1.94 0.04 -20.97	4.53 0.00 -17.45	5.25 -0.04 -19.91	20.56 0.06 -15.23	30.43 0.17 -14.21	38.69 0.30 -17.27	34.34 0.19 -17.08	35.10 0.23 -15.53	40.83 0.30 -15.49	39.95 0.21 -18.46	34.89 0.21 -13.56	30.72 0.15 -14.46	14.49 -0.02 -16.62	30.52 0.25 -12.45	73.64 0.61 -13.23	99.95 -0.03 -1.28	166.27 0.47 0.00	196.87 -0.06 0.00	280.63 -0.26 0.00	58.43 -0.39 -4.22	26.55 -0.15 -10.01	52.12 -0.79 -6.18
NEG CENTRAL___STATE_STREET 24147	7.03 -0.07 -15.22	5.86 -0.10 -18.11	-4.79 -0.16 -18.32	2.24 -0.09 -15.25	2.65 -0.13 -17.40	18.66 0.08 -13.31	28.72 0.25 -12.43	36.58 0.29 -15.16	32.31 0.25 -15.00	33.27 0.30 -13.63	39.00 0.36 -13.60	37.81 0.32 -16.20	33.24 0.22 -11.91	29.02 0.22 -12.69	12.44 -0.04 -14.59	28.97 0.23 -10.93	72.13 0.72 -11.61	100.64 0.82 -1.12	166.89 1.09 0.00	197.81 0.88 0.00	281.86 0.97 0.00	58.30 0.00 -3.70	25.45 -0.02 -8.79	51.97 -0.19 -5.43
NEG MILLWOOD___DRP 24198	111.50 -0.71 -120.33	129.97 -1.02 -143.15	120.05 -1.87 -144.86	106.57 -1.08 -120.56	121.73 -1.22 -137.58	110.98 0.49 -105.22	115.68 1.55 -98.08	140.88 2.08 -117.68	135.18 1.73 -116.38	127.10 2.00 -105.76	133.27 2.69 -105.55	149.30 2.28 -125.73	115.86 2.35 -92.40	116.33 1.74 -98.47	110.88 -0.22 -113.21	104.51 1.89 -84.81	155.90 6.00 -90.08	117.27 9.86 -8.71	182.27 16.46 0.00	216.37 19.44 0.00	307.48 26.60 0.00	88.97 5.64 -28.72	86.52 1.62 -68.21	93.00 4.14 -42.13
NEG NORTH_FLCN_SEA 23793	-7.95 0.17 0.00	-12.01 0.14 0.00	-23.05 -0.10 0.00	-12.76 0.15 0.00	-14.59 0.03 0.00	5.20 -0.08 0.00	15.86 -0.18 0.00	21.09 -0.03 0.00	16.91 -0.15 0.00	19.05 -0.29 0.00	24.52 -0.52 0.00	20.78 -0.51 0.00	20.52 -0.59 0.00	15.57 -0.54 0.00	-1.99 0.12 0.00	17.03 -0.78 0.00	58.60 -1.21 0.00	97.01 -1.69 0.00	161.84 -1.69 2.28	199.23 2.30 0.00	288.54 7.65 0.00	55.92 1.32 0.00	17.13 0.45 0.00	48.41 1.68 0.00



NEG NORTH_KES_CHATEGAY 23792	-7.89 0.23 0.00	-11.91 0.25 0.00	-22.78 0.17 0.00	-12.64 0.27 0.00	-14.42 0.20 0.00	5.14 -0.13 0.00	15.68 -0.37 0.00	20.85 -0.28 0.00	17.47 0.41 0.00	19.66 0.32 0.00	25.28 0.24 0.00	21.39 0.10 0.00	21.13 0.02 0.00	16.03 -0.08 0.00	-2.06 0.05 0.00	17.60 -0.21 0.00	60.73 0.92 0.00	100.76 2.06 0.00	168.23 4.70 2.28	206.39 9.46 0.00	298.14 17.25 0.00	57.72 3.11 0.00	17.64 0.96 0.00	49.75 3.02 0.00
NEG NORTH___ALICE_FALLS 23915	-8.02 0.11 0.00	-12.10 0.05 0.00	-23.21 -0.25 0.00	-12.86 0.05 0.00	-14.70 -0.07 0.00	5.24 -0.03 0.00	16.01 -0.03 0.00	21.41 0.29 0.00	17.22 0.15 0.00	19.39 0.05 0.00	24.94 -0.09 0.00	21.13 -0.16 0.00	20.88 -0.23 0.00	15.84 -0.27 0.00	-2.04 0.07 0.00	17.39 -0.42 0.00	59.91 0.10 0.00	99.23 0.54 0.00	165.58 2.05 2.28	203.21 6.28 0.00	293.78 12.89 0.00	56.90 2.30 0.00	17.41 0.73 0.00	49.15 2.42 0.00
NEG NORTH___LWR_SARANAC 23913	-8.02 0.11 0.00	-12.10 0.05 0.00	-23.21 -0.25 0.00	-12.86 0.05 0.00	-14.70 -0.07 0.00	5.24 -0.03 0.00	16.01 -0.03 0.00	21.41 0.29 0.00	17.22 0.15 0.00	19.39 0.05 0.00	24.94 -0.09 0.00	21.13 -0.16 0.00	20.88 -0.23 0.00	15.84 -0.27 0.00	-2.04 0.07 0.00	17.39 -0.42 0.00	59.91 0.10 0.00	99.23 0.54 0.00	165.58 2.05 2.28	203.21 6.28 0.00	293.78 12.89 0.00	56.90 2.30 0.00	17.41 0.73 0.00	49.15 2.42 0.00
NEG NORTH___PLATTSBURG 23628	-8.02 0.11 0.00	-12.10 0.05 0.00	-23.21 -0.25 0.00	-12.86 0.05 0.00	-14.70 -0.07 0.00	5.24 -0.03 0.00	16.01 -0.03 0.00	21.41 0.29 0.00	17.22 0.15 0.00	19.39 0.05 0.00	24.94 -0.09 0.00	21.13 -0.16 0.00	20.88 -0.23 0.00	15.84 -0.27 0.00	-2.04 0.07 0.00	17.39 -0.42 0.00	59.91 0.10 0.00	99.23 0.54 0.00	165.58 2.05 2.28	203.21 6.28 0.00	293.78 12.89 0.00	56.90 2.30 0.00	17.41 0.73 0.00	49.15 2.42 0.00
NEG WEST_LEA_LOCKPORT 23791	10.63 0.44 -18.31	10.31 0.69 -21.78	0.49 1.41 -22.04	6.14 0.71 -18.34	7.17 0.86 -20.93	20.98 -0.30 -16.01	29.95 -1.01 -14.92	37.76 -1.46 -18.09	33.66 -1.31 -17.90	34.22 -1.39 -16.26	39.38 -1.89 -16.23	38.89 -1.73 -19.34	33.57 -1.75 -14.21	29.88 -1.37 -15.14	15.48 0.18 -17.41	29.43 -1.43 -13.04	68.56 -5.10 -13.85	90.30 -9.73 -1.34	149.76 -16.04 0.00	176.80 -20.13 0.00	253.01 -27.88 0.00	53.31 -5.71 -4.42	25.37 -1.81 -10.49	48.31 -4.90 -6.48
NEG WEST___LANCASTR 23811	13.54 0.23 -21.44	13.68 0.33 -25.50	3.66 0.80 -25.81	8.98 0.41 -21.48	10.37 0.48 -24.51	23.87 -0.14 -18.75	32.96 -0.46 -17.38	42.01 -0.51 -21.40	37.63 -0.59 -21.16	37.93 -0.65 -19.23	43.35 -0.88 -19.19	43.31 -0.84 -22.86	37.16 -0.75 -16.80	33.43 -0.59 -17.91	18.55 0.08 -20.59	32.65 -0.58 -15.42	73.85 -2.34 -16.38	95.11 -5.17 -1.58	157.83 -7.98 0.00	186.09 -10.84 0.00	265.90 -14.99 0.00	56.46 -3.37 -5.22	27.94 -1.15 -12.40	51.22 -3.17 -7.66
NEG_PENN_ALLEGHNY 23528	30.47 -0.08 -38.68	33.73 -0.13 -46.01	23.45 -0.16 -46.56	25.73 -0.10 -38.75	29.45 -0.14 -44.22	39.16 0.07 -33.82	47.82 0.22 -31.56	59.68 0.37 -38.18	55.07 0.24 -37.76	53.92 0.26 -34.32	59.65 0.36 -34.25	62.37 0.29 -40.79	51.43 0.34 -29.98	48.31 0.25 -31.95	34.59 -0.03 -36.73	45.65 0.32 -27.52	89.85 0.81 -29.23	102.33 0.81 -2.83	167.53 1.73 0.00	198.57 1.64 0.00	283.24 2.35 0.00	64.23 0.31 -9.32	38.84 0.02 -22.13	60.24 -0.16 -13.67
NEG___GEN_MONROE 24207	6.92 0.12 -14.92	5.80 0.20 -17.75	-4.53 0.46 -17.96	2.24 0.20 -14.95	2.68 0.25 -17.06	18.27 -0.05 -13.04	28.03 -0.17 -12.16	35.60 -0.28 -14.75	31.35 -0.30 -14.59	32.33 -0.27 -13.26	37.86 -0.41 -13.23	36.60 -0.45 -15.76	32.18 -0.51 -11.58	28.05 -0.40 -12.35	12.13 0.05 -14.19	28.05 -0.39 -10.63	69.60 -1.50 -11.29	96.46 -3.32 -1.09	160.54 -5.27 0.00	189.72 -7.21 0.00	270.88 -10.01 0.00	55.95 -2.26 -3.60	24.51 -0.72 -8.55	49.91 -2.10 -5.28
NEPA___ENERGY 23901	13.94 0.23 -21.83	14.18 0.36 -25.97	4.20 0.87 -26.28	9.41 0.45 -21.87	10.83 0.49 -24.96	24.23 -0.13 -19.09	33.41 -0.45 -17.81	42.33 -0.44 -21.65	37.98 -0.49 -21.41	38.23 -0.57 -19.46	43.72 -0.74 -19.42	43.73 -0.69 -23.13	37.59 -0.52 -17.00	33.84 -0.39 -18.12	18.77 0.06 -20.83	33.11 -0.31 -15.60	74.69 -1.69 -16.58	95.93 -4.36 -1.60	158.59 -7.22 0.00	186.52 -10.41 0.00	266.58 -14.31 0.00	56.56 -3.33 -5.28	28.05 -1.18 -12.55	51.23 -3.25 -7.75
NEVERSINK___HYD 23608	97.47 -0.55 -106.14	113.32 -0.80 -126.27	103.38 -1.46 -127.79	92.59 -0.84 -106.34	105.78 -0.96 -121.36	98.47 0.38 -92.81	103.80 1.24 -86.52	126.63 1.68 -103.83	121.13 1.38 -102.69	114.24 1.58 -93.32	120.27 2.11 -93.12	134.01 1.79 -110.93	104.44 1.80 -81.53	104.26 1.26 -86.89	97.62 -0.16 -99.89	94.06 1.42 -74.83	144.07 4.78 -79.48	114.42 8.03 -7.69	179.35 13.55 0.00	213.02 16.09 0.00	302.93 22.04 0.00	84.48 4.54 -25.34	78.15 1.28 -60.19	87.12 3.21 -37.17
NEWTON___FALLS_HYD 23847	-8.03 0.09 0.00	-12.04 0.11 0.00	-22.74 0.21 0.00	-12.79 0.12 0.00	-14.53 0.09 0.00	5.27 0.00 0.00	16.07 0.02 0.00	21.18 0.05 0.00	17.22 0.16 0.00	19.50 0.16 0.00	25.18 0.14 0.00	21.39 0.11 0.00	21.17 0.06 0.00	16.11 0.00 0.00	-2.10 0.01 0.00	17.78 -0.03 0.00	60.12 0.31 0.00	100.32 1.62 0.00	177.57 3.59 -8.17	202.08 5.15 0.00	289.57 8.68 0.00	55.80 1.19 0.00	17.00 0.31 0.00	47.81 1.08 0.00
NIAGARA_115E_LBMP 323715	10.78 0.48 -18.43	10.52 0.75 -21.92	0.74 1.50 -22.19	6.31 0.77 -18.46	7.37 0.92 -21.07	21.03 -0.35 -16.11	29.87 -1.19 -15.01	37.65 -1.70 -18.22	33.56 -1.53 -18.02	34.09 -1.63 -16.38	39.16 -2.22 -16.34	38.74 -2.01 -19.47	33.38 -2.04 -14.31	29.76 -1.60 -15.25	15.63 0.21 -17.53	29.27 -1.68 -13.13	67.82 -5.94 -13.95	88.93 -11.12 -1.35	147.46 -18.34 0.00	174.12 -22.81 0.00	249.18 -31.71 0.00	52.66 -6.39 -4.45	25.24 -2.01 -10.56	47.87 -5.39 -6.52
NIAGARA_115W_LBMP 323714	11.22 0.51 -18.83	11.04 0.79 -22.40	1.27 1.55 -22.67	6.76 0.81 -18.87	7.88 0.97 -21.53	21.44 -0.30 -16.47	30.31 -1.07 -15.33	38.05 -1.56 -18.48	33.93 -1.41 -18.28	34.45 -1.51 -16.61	39.56 -2.06 -16.58	39.16 -1.88 -19.75	33.71 -1.91 -14.51	30.09 -1.50 -15.47	15.87 0.19 -17.78	29.57 -1.57 -13.32	68.38 -5.58 -14.15	89.49 -10.57 -1.37	148.41 -17.39 0.00	175.22 -21.71 0.00	250.85 -30.04 0.00	53.09 -6.03 -4.51	25.52 -1.88 -10.71	48.33 -5.03 -6.62
NIAGARA_230_LBMP 323716	10.65 0.45 -18.33	10.35 0.70 -21.81	0.52 1.41 -22.07	6.16 0.71 -18.36	7.20 0.86 -20.96	21.03 -0.27 -16.03	30.03 -0.95 -14.93	37.82 -1.41 -18.10	33.69 -1.27 -17.90	34.25 -1.36 -16.27	39.42 -1.85 -16.23	38.93 -1.70 -19.34	33.60 -1.72 -14.21	29.90 -1.36 -15.15	15.48 0.17 -17.41	29.44 -1.41 -13.04	68.57 -5.09 -13.85	90.27 -9.77 -1.34	149.74 -16.06 0.00	176.86 -20.07 0.00	253.12 -27.76 0.00	53.42 -5.60 -4.42	25.43 -1.75 -10.49	48.50 -4.71 -6.48
NIAGARA____ 23760	11.09 0.50 -18.72	10.89 0.78 -22.27	1.11 1.54 -22.52	6.63 0.80 -18.75	7.74 0.96 -21.40	21.25 -0.33 -16.31	30.09 -1.09 -15.14	37.82 -1.52 -18.22	33.72 -1.36 -18.01	34.26 -1.46 -16.37	39.39 -1.98 -16.33	38.94 -1.81 -19.46	33.57 -1.85 -14.30	29.91 -1.44 -15.24	15.60 0.18 -17.53	29.43 -1.51 -13.13	68.36 -5.38 -13.93	89.88 -10.16 -1.35	149.09 -16.71 0.00	176.06 -20.87 0.00	251.97 -28.91 0.00	53.20 -5.84 -4.44	25.41 -1.83 -10.56	48.32 -4.94 -6.53



NINE_MILE_1 23575	-0.32 0.23 -7.57	-2.80 0.35 -9.00	-13.16 0.68 -9.11	-4.96 0.37 -7.58	-5.55 0.42 -8.66	11.75 -0.14 -6.62	21.77 -0.45 -6.18	28.00 -0.61 -7.48	23.96 -0.50 -7.40	25.48 -0.58 -6.72	31.00 -0.74 -6.71	28.66 -0.62 -7.99	26.33 -0.65 -5.87	21.92 -0.45 -6.26	5.14 0.06 -7.20	22.70 -0.50 -5.39	63.59 -1.95 -5.73	95.83 -3.42 -0.55	160.08 -5.73 0.00	189.96 -6.97 0.00	270.85 -10.03 0.00	54.46 -1.97 -1.83	20.45 -0.57 -4.34	47.58 -1.83 -2.68
NINE_MILE_2 23744	-0.34 0.23 -7.55	-2.82 0.35 -8.99	-13.18 0.68 -9.09	-4.98 0.37 -7.57	-5.57 0.42 -8.64	11.73 -0.14 -6.60	21.76 -0.45 -6.16	27.98 -0.61 -7.47	23.94 -0.50 -7.38	25.47 -0.58 -6.71	30.99 -0.74 -6.70	28.65 -0.62 -7.97	26.32 -0.65 -5.86	21.90 -0.45 -6.25	5.13 0.06 -7.18	22.69 -0.50 -5.38	63.58 -1.94 -5.72	95.83 -3.42 -0.55	160.08 -5.73 0.00	189.96 -6.97 0.00	270.85 -10.03 0.00	54.46 -1.97 -1.82	20.45 -0.57 -4.33	47.58 -1.83 -2.67
NM_CAPITAL___DRP 24208	149.46 -0.62 -158.21	175.18 -0.89 -188.22	165.86 -1.67 -190.48	144.65 -0.95 -158.51	165.22 -1.06 -180.89	144.00 0.39 -138.34	146.18 1.15 -128.99	177.63 1.43 -155.08	171.55 1.10 -153.38	160.01 1.29 -139.38	165.75 1.62 -139.09	188.32 1.34 -165.69	144.22 1.35 -121.77	147.02 1.13 -129.78	146.94 -0.14 -149.20	130.81 1.23 -111.77	182.34 3.81 -118.72	116.55 6.37 -11.48	176.44 10.64 0.00	209.48 12.55 0.00	298.04 17.15 0.00	95.93 3.47 -37.85	107.77 1.19 -89.89	105.68 3.43 -55.52
NM_CENTRAL___DRP 24181	2.27 0.06 -10.33	0.23 0.09 -12.29	-10.30 0.22 -12.43	-2.46 0.10 -10.35	-2.70 0.11 -11.81	14.28 -0.02 -9.03	24.39 -0.07 -8.42	31.08 -0.08 -10.04	26.90 -0.09 -9.93	28.27 -0.10 -9.02	33.93 -0.11 -9.01	31.93 -0.08 -10.73	28.88 -0.12 -7.88	24.46 -0.06 -8.40	7.56 0.01 -9.66	24.99 -0.05 -7.24	66.98 -0.51 -7.69	98.31 -1.13 -0.74	164.28 -1.87 -0.35	194.41 -2.52 0.00	277.30 -3.59 0.00	56.33 -0.72 -2.45	22.29 -0.22 -5.82	49.44 -0.88 -3.59
NM_FRONTIER___DRP 24179	11.22 0.51 -18.83	11.04 0.79 -22.40	1.27 1.55 -22.67	6.76 0.81 -18.87	7.88 0.97 -21.53	21.44 -0.30 -16.47	30.31 -1.07 -15.33	38.05 -1.56 -18.48	33.93 -1.41 -18.28	34.45 -1.51 -16.61	39.56 -2.06 -16.58	39.16 -1.88 -19.75	33.71 -1.91 -14.51	30.09 -1.50 -15.47	15.87 0.19 -17.78	29.57 -1.57 -13.32	68.38 -5.58 -14.15	89.49 -10.57 -1.37	148.41 -17.39 0.00	175.22 -21.71 0.00	250.85 -30.04 0.00	53.09 -6.03 -4.51	25.52 -1.88 -10.71	48.33 -5.03 -6.62
NM_ST_REGIS___HYD 24053	-7.95 0.17 0.00	-11.94 0.21 0.00	-22.65 0.30 0.00	-12.68 0.24 0.00	-14.40 0.22 0.00	5.18 -0.09 0.00	15.67 -0.37 0.00	20.60 -0.52 0.00	16.75 -0.32 0.00	18.94 -0.40 0.00	24.42 -0.61 0.00	20.75 -0.53 0.00	20.57 -0.54 0.00	15.65 -0.46 0.00	-2.04 0.07 0.00	17.21 -0.60 0.00	58.22 -1.59 0.00	98.08 -0.61 0.00	179.84 -0.05 -14.08	198.92 1.98 -0.01	286.33 5.44 0.00	55.19 0.59 0.00	16.85 0.16 0.00	47.84 1.11 0.00
NORTHPORT___1 23551	109.30 -0.99 -118.41	127.28 -1.43 -140.87	117.11 -2.49 -142.56	104.23 -1.50 -118.64	119.09 -1.68 -135.39	109.46 0.64 -103.55	114.56 1.99 -96.52	139.53 2.61 -115.80	133.49 1.90 -114.53	125.64 2.22 -104.07	132.81 3.06 -104.70	156.58 2.66 -132.64	123.89 2.80 -99.98	115.06 2.04 -96.91	109.04 -0.26 -111.41	106.85 2.31 -86.73	158.92 7.10 -92.01	144.53 11.39 -34.43	211.09 17.57 -27.72	216.36 19.43 0.00	306.25 25.37 0.00	88.76 5.89 -28.26	85.55 1.75 -67.12	92.95 4.76 -41.45
NORTHPORT___2 23552	109.30 -0.99 -118.41	127.28 -1.43 -140.87	117.11 -2.49 -142.56	104.23 -1.50 -118.64	119.09 -1.68 -135.39	109.46 0.64 -103.55	114.56 1.99 -96.52	139.53 2.61 -115.80	133.49 1.90 -114.53	125.64 2.22 -104.07	132.81 3.06 -104.70	156.58 2.66 -132.64	123.89 2.80 -99.98	115.06 2.04 -96.91	109.04 -0.26 -111.41	106.85 2.31 -86.73	158.92 7.10 -92.01	144.53 11.39 -34.43	211.09 17.57 -27.72	216.36 19.43 0.00	306.25 25.37 0.00	88.76 5.89 -28.26	85.55 1.75 -67.12	92.95 4.76 -41.45
NORTHPORT___3 23553	109.49 -0.80 -118.41	127.54 -1.18 -140.87	117.55 -2.05 -142.56	104.50 -1.22 -118.64	119.38 -1.38 -135.39	109.36 0.54 -103.55	114.25 1.69 -96.52	139.14 2.22 -115.80	133.22 1.63 -114.53	125.29 1.88 -104.07	132.36 2.62 -104.70	156.22 2.29 -132.64	123.50 2.41 -99.98	114.78 1.76 -96.91	109.06 -0.23 -111.41	106.54 2.00 -86.73	158.00 6.19 -92.01	142.96 9.83 -34.43	208.82 15.30 -27.72	213.70 16.76 0.00	302.56 21.67 0.00	87.96 5.09 -28.26	85.31 1.50 -67.12	92.22 4.03 -41.45
NORTHPORT___4 23650	109.47 -0.81 -118.41	127.52 -1.20 -140.87	117.52 -2.08 -142.56	104.49 -1.24 -118.64	119.36 -1.40 -135.39	109.37 0.55 -103.55	114.28 1.71 -96.52	139.19 2.26 -115.80	133.27 1.67 -114.53	125.36 1.94 -104.07	132.43 2.69 -104.70	156.28 2.35 -132.64	123.56 2.47 -99.98	114.83 1.81 -96.91	109.06 -0.23 -111.41	106.58 2.04 -86.73	158.17 6.35 -92.01	143.23 10.10 -34.43	209.41 15.89 -27.72	214.41 17.48 0.00	303.67 22.78 0.00	88.15 5.28 -28.26	85.37 1.56 -67.12	92.36 4.17 -41.45
NORTHPORT___IC 23718	109.30 -0.99 -118.41	127.28 -1.43 -140.87	117.11 -2.49 -142.56	104.23 -1.50 -118.64	119.09 -1.68 -135.39	109.46 0.64 -103.55	114.56 1.99 -96.52	139.53 2.61 -115.80	133.49 1.90 -114.53	125.64 2.22 -104.07	132.81 3.06 -104.70	156.58 2.66 -132.64	123.89 2.80 -99.98	115.06 2.04 -96.91	109.04 -0.26 -111.41	106.85 2.31 -86.73	158.92 7.10 -92.01	144.53 11.39 -34.43	211.09 17.57 -27.72	216.36 19.43 0.00	306.25 25.37 0.00	88.76 5.89 -28.26	85.55 1.75 -67.12	92.95 4.76 -41.45
NPX_GEN_1385_PROXY 323591	109.11 -1.18 -118.41	126.95 -1.77 -140.87	116.65 -2.96 -142.56	103.88 -1.84 -118.64	118.74 -2.03 -135.39	109.59 0.78 -103.55	114.91 2.34 -96.52	140.12 3.20 -115.80	133.66 2.07 -114.53	125.88 2.46 -104.07	132.84 3.10 -104.70	156.57 2.64 -132.64	123.58 2.49 -99.98	114.72 1.70 -96.91	109.05 -0.25 -111.41	106.89 2.35 -86.73	158.93 7.11 -92.01	144.68 11.55 -34.43	210.97 17.44 -27.72	214.93 18.00 0.00	304.95 24.06 0.00	88.36 5.49 -28.26	85.48 1.68 -67.12	93.32 5.13 -41.45
NPX_GEN_CSC 323557	109.26 -1.03 -118.41	127.23 -1.49 -140.87	117.00 -2.61 -142.56	104.17 -1.56 -118.64	119.00 -1.76 -135.39	109.51 0.69 -103.55	114.75 2.18 -96.52	139.76 2.84 -115.80	133.69 2.10 -114.53	125.77 2.36 -104.07	132.99 3.25 -104.70	156.78 2.85 -132.64	124.05 2.96 -99.98	115.20 2.18 -96.91	109.01 -0.28 -111.41	107.08 2.53 -86.73	159.90 8.09 -92.01	145.56 12.43 -34.43	212.87 19.34 -27.72	217.28 20.35 0.00	307.17 26.28 0.00	89.49 6.62 -28.26	85.78 1.98 -67.12	93.52 5.34 -41.45
NSINS_S_GLNS_FALLS 23858	159.66 -0.87 -168.66	187.24 -1.26 -200.65	177.76 -2.35 -203.06	154.74 -1.33 -168.98	176.72 -1.49 -192.84	153.33 0.57 -147.48	155.37 1.81 -137.52	189.08 2.48 -165.48	182.77 2.05 -163.66	170.37 2.31 -148.72	176.44 2.98 -148.41	200.54 2.46 -176.80	153.41 2.38 -129.93	156.32 1.73 -138.47	156.85 -0.24 -159.20	139.09 2.02 -119.26	194.01 7.53 -126.67	123.01 12.06 -12.25	185.60 19.80 0.00	220.46 23.53 0.00	313.25 32.36 0.00	101.29 6.29 -40.39	114.46 1.86 -95.92	111.03 5.05 -59.24
NUCOR_STEEL___DRP 24197	6.39 -0.06 -14.57	5.10 -0.08 -17.34	-5.56 -0.15 -17.55	1.60 -0.08 -14.60	1.92 -0.12 -16.66	18.09 0.08 -12.74	28.18 0.24 -11.90	35.89 0.26 -14.51	31.63 0.21 -14.35	32.64 0.25 -13.04	38.35 0.30 -13.02	37.06 0.27 -15.50	32.66 0.15 -11.39	28.43 0.18 -12.14	11.82 -0.03 -13.96	28.45 0.18 -10.46	71.46 0.55 -11.11	100.38 0.61 -1.07	166.28 0.47 0.00	197.09 0.16 0.00	280.92 0.03 0.00	57.99 -0.15 -3.54	25.04 -0.05 -8.41	51.71 -0.22 -5.19



NYISO_LBMP_REFERENCE 24008	-8.12 0.00 0.00	-12.15 0.00 0.00	-22.95 0.00 0.00	-12.92 0.00 0.00	-14.62 0.00 0.00	5.27 0.00 0.00	16.05 0.00 0.00	21.12 0.00 0.00	17.06 0.00 0.00	19.34 0.00 0.00	25.04 0.00 0.00	21.29 0.00 0.00	21.11 0.00 0.00	16.11 0.00 0.00	-2.11 0.00 0.00	17.81 0.00 0.00	59.81 0.00 0.00	98.70 0.00 0.00	165.81 0.00 0.00	196.93 0.00 0.00	280.89 0.00 0.00	54.60 0.00 0.00	16.68 0.00 0.00	46.73 0.00 0.00
NYPA_BRENTWD____GT 24164	109.23 -1.06 -118.41	127.17 -1.54 -140.87	116.92 -2.69 -142.56	104.12 -1.60 -118.64	118.97 -1.80 -135.39	109.52 0.70 -103.55	114.76 2.19 -96.52	139.83 2.91 -115.80	133.75 2.16 -114.53	125.92 2.50 -104.07	133.14 3.40 -104.70	156.87 2.95 -132.64	124.17 3.08 -99.98	115.28 2.26 -96.91	109.00 -0.29 -111.41	107.11 2.57 -86.73	159.92 8.11 -92.01	146.30 13.17 -34.43	214.16 20.64 -27.72	219.94 23.01 0.00	311.06 30.17 0.00	89.62 6.75 -28.26	85.79 1.98 -67.12	93.53 5.34 -41.45
NYPA_GOWANUS____GT5 24156	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.78 14.97 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NYPA_GOWANUS____GT6 24157	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.78 14.97 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45
NYPA_HARLEM__RVR__GT1 24160	109.63 -0.63 -118.39	127.78 -0.90 -140.84	117.96 -1.62 -142.53	104.74 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.56 -114.51	125.20 1.81 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.28 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.68 5.24 -88.63	115.78 8.51 -8.57	179.73 13.92 0.00	213.31 16.38 0.00	303.20 22.31 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.74 3.56 -41.45
NYPA_HARLEM__RVR__GT2 24161	109.63 -0.63 -118.39	127.78 -0.90 -140.84	117.96 -1.62 -142.53	104.74 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.56 -114.51	125.20 1.81 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.28 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.68 5.24 -88.63	115.78 8.51 -8.57	179.73 13.92 0.00	213.31 16.38 0.00	303.20 22.31 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.74 3.56 -41.45
NYPA_KENT____GT 24152	109.60 -0.66 -118.39	127.75 -0.94 -140.84	117.88 -1.70 -142.53	104.70 -1.00 -118.62	119.63 -1.11 -135.36	109.26 0.46 -103.53	114.00 1.45 -96.50	138.82 1.92 -115.78	133.20 1.63 -114.51	125.31 1.91 -104.05	131.47 2.60 -103.84	147.22 2.24 -123.70	114.39 2.37 -90.91	114.74 1.74 -96.88	109.05 -0.22 -111.38	103.13 1.88 -83.44	154.01 5.57 -88.63	116.24 8.97 -8.57	180.55 14.75 0.00	214.43 17.50 0.00	304.69 23.80 0.00	88.31 5.45 -28.26	85.37 1.57 -67.11	92.07 3.89 -41.45
NYPA_POUCH1____GT 24155	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.92 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.25 0.45 -103.53	113.70 1.39 -96.26	136.36 1.84 -113.41	131.73 1.55 -113.11	124.09 1.83 -102.92	130.98 2.50 -103.44	147.14 2.15 -123.70	114.31 2.29 -90.90	114.67 1.67 -96.88	109.06 -0.21 -111.38	103.07 1.81 -83.44	153.37 5.35 -88.21	113.57 8.57 -6.31	179.13 14.10 0.78	213.82 16.89 0.00	303.85 22.96 0.00	88.22 5.36 -28.26	85.37 1.58 -67.11	92.04 3.86 -41.45
NYPA_VERNON____GT2 24162	109.61 -0.66 -118.39	127.76 -0.93 -140.84	117.89 -1.69 -142.53	104.71 -0.99 -118.62	119.64 -1.10 -135.36	109.25 0.45 -103.53	113.99 1.44 -96.50	138.82 1.92 -115.78	133.19 1.62 -114.51	125.29 1.90 -104.05	131.45 2.57 -103.84	147.19 2.21 -123.70	114.36 2.35 -90.91	114.71 1.72 -96.88	109.05 -0.22 -111.38	103.11 1.86 -83.44	153.95 5.52 -88.63	116.13 8.86 -8.57	180.38 14.57 0.00	214.12 17.19 0.00	304.28 23.39 0.00	88.22 5.35 -28.26	85.33 1.53 -67.11	91.98 3.80 -41.45
NYPA_VERNON____GT3 24163	109.61 -0.66 -118.39	127.76 -0.93 -140.84	117.89 -1.69 -142.53	104.71 -0.99 -118.62	119.64 -1.10 -135.36	109.25 0.45 -103.53	113.99 1.44 -96.50	138.82 1.92 -115.78	133.19 1.62 -114.51	125.29 1.90 -104.05	131.45 2.57 -103.84	147.19 2.21 -123.70	114.36 2.35 -90.91	114.71 1.72 -96.88	109.05 -0.22 -111.38	103.11 1.86 -83.44	153.95 5.52 -88.63	116.13 8.86 -8.57	180.38 14.57 0.00	214.12 17.19 0.00	304.28 23.39 0.00	88.22 5.35 -28.26	85.33 1.53 -67.11	91.98 3.80 -41.45
NYPA__ASTORIA_CC1 323568	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.12 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
NYPA__ASTORIA_CC2 323569	109.62 -0.64 -118.39	127.78 -0.91 -140.84	117.93 -1.65 -142.53	104.73 -0.97 -118.62	119.67 -1.07 -135.36	109.24 0.45 -103.53	113.97 1.42 -96.50	138.79 1.89 -115.78	133.16 1.58 -114.51	125.27 1.87 -104.05	131.41 2.53 -103.84	147.15 2.17 -123.70	114.33 2.31 -90.90	114.68 1.69 -96.88	109.06 -0.22 -111.38	103.08 1.83 -83.44	153.83 5.40 -88.63	115.95 8.68 -8.57	180.02 14.22 0.00	213.72 16.79 0.00	303.73 22.84 0.00	88.12 5.25 -28.26	85.30 1.51 -67.11	91.91 3.73 -41.45
NYPA__HOLTSVILL 23794	109.33 -0.96 -118.41	127.33 -1.39 -140.87	117.19 -2.42 -142.56	104.28 -1.45 -118.64	119.13 -1.64 -135.39	109.46 0.64 -103.55	114.57 2.00 -96.52	139.53 2.61 -115.80	133.51 1.92 -114.53	125.61 2.19 -104.07	132.77 3.03 -104.70	156.58 2.66 -132.64	123.89 2.80 -99.98	115.07 2.05 -96.91	109.03 -0.27 -111.41	106.90 2.36 -86.73	159.15 7.34 -92.01	144.67 11.54 -34.43	211.47 17.94 -27.72	216.40 19.47 0.00	305.74 24.86 0.00	88.87 6.00 -28.26	85.60 1.80 -67.12	93.07 4.88 -41.45
NYPA__HELLGATE_GT1 24158	109.63 -0.63 -118.39	127.78 -0.90 -140.84	117.96 -1.62 -142.53	104.74 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.56 -114.51	125.20 1.81 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.28 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.68 5.24 -88.63	115.78 8.51 -8.57	179.73 13.92 0.00	213.31 16.38 0.00	303.20 22.31 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.74 3.56 -41.45
NYPA__HELLGATE_GT2 24159	109.63 -0.63 -118.39	127.78 -0.90 -140.84	117.96 -1.62 -142.53	104.74 -0.95 -118.62	119.69 -1.05 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.77 1.87 -115.78	133.14 1.56 -114.51	125.20 1.81 -104.05	131.31 2.44 -103.84	147.10 2.12 -123.70	114.28 2.27 -90.90	114.65 1.65 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.68 5.24 -88.63	115.78 8.51 -8.57	179.73 13.92 0.00	213.31 16.38 0.00	303.20 22.31 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.74 3.56 -41.45



NYS_BARGE___HYD 23848	10.45 0.41 -18.17	10.09 0.63 -21.62	0.22 1.29 -21.87	5.94 0.65 -18.20	6.94 0.79 -20.77	20.88 -0.28 -15.89	29.90 -0.95 -14.80	37.71 -1.38 -17.96	33.59 -1.24 -17.76	34.18 -1.31 -16.14	39.35 -1.79 -16.11	38.83 -1.65 -19.19	33.54 -1.67 -14.10	29.83 -1.31 -15.03	15.34 0.17 -17.28	29.39 -1.36 -12.94	68.68 -4.87 -13.75	90.69 -9.34 -1.33	150.44 -15.37 0.00	177.61 -19.32 0.00	254.13 -26.76 0.00	53.49 -5.50 -4.38	25.35 -1.74 -10.41	48.44 -4.72 -6.43
OAK_ORCHARD___HYD 24046	6.80 0.16 -14.76	5.68 0.27 -17.56	-4.60 0.58 -17.77	2.14 0.27 -14.79	2.58 0.33 -16.88	18.10 -0.07 -12.91	27.82 -0.26 -12.03	35.33 -0.39 -14.59	31.12 -0.38 -14.43	32.09 -0.37 -13.12	37.59 -0.54 -13.09	36.34 -0.54 -15.60	31.98 -0.60 -11.46	27.85 -0.48 -12.22	11.99 0.06 -14.04	27.86 -0.47 -10.52	69.20 -1.78 -11.17	96.06 -3.72 -1.08	159.76 -6.04 0.00	188.90 -8.03 0.00	269.66 -11.23 0.00	55.75 -2.42 -3.56	24.39 -0.76 -8.46	49.76 -2.20 -5.22
OCC_CHEM___DRP 24175	11.26 0.46 -18.93	11.08 0.72 -22.52	1.27 1.43 -22.78	6.78 0.73 -18.96	7.91 0.89 -21.64	21.55 -0.27 -16.55	30.48 -0.98 -15.41	38.23 -1.45 -18.56	34.10 -1.32 -18.35	34.62 -1.40 -16.68	39.77 -1.91 -16.64	39.36 -1.76 -19.83	33.90 -1.79 -14.57	30.24 -1.41 -15.53	15.92 0.18 -17.85	29.72 -1.47 -13.38	68.75 -5.26 -14.20	90.05 -10.02 -1.37	149.29 -16.52 0.00	176.32 -20.61 0.00	252.39 -28.50 0.00	53.41 -5.72 -4.53	25.66 -1.78 -10.76	48.61 -4.77 -6.64
OH_GEN_PROXY 24063	10.70 0.44 -18.38	10.41 0.69 -21.87	0.57 1.39 -22.13	6.21 0.71 -18.42	7.25 0.86 -21.02	21.08 -0.27 -16.08	30.10 -0.93 -14.98	37.93 -1.35 -18.16	33.80 -1.22 -17.96	34.35 -1.31 -16.32	39.53 -1.79 -16.29	39.04 -1.65 -19.40	33.70 -1.67 -14.26	30.00 -1.31 -15.20	15.53 0.17 -17.47	29.53 -1.37 -13.09	68.80 -4.91 -13.90	90.58 -9.45 -1.34	150.27 -15.53 0.00	177.45 -19.48 0.00	253.99 -26.90 0.00	53.60 -5.44 -4.43	25.51 -1.70 -10.52	48.65 -4.59 -6.50
OLIN_CORP_DRP 24177	11.27 0.46 -18.93	11.08 0.72 -22.52	1.27 1.43 -22.79	6.78 0.73 -18.96	7.91 0.89 -21.64	21.55 -0.27 -16.55	30.48 -0.98 -15.41	38.23 -1.45 -18.56	34.10 -1.32 -18.35	34.62 -1.40 -16.68	39.77 -1.91 -16.65	39.36 -1.76 -19.83	33.90 -1.79 -14.57	30.24 -1.41 -15.53	15.92 0.18 -17.85	29.72 -1.47 -13.38	68.75 -5.26 -14.21	90.05 -10.02 -1.37	149.29 -16.52 0.00	176.32 -20.61 0.00	252.39 -28.50 0.00	53.41 -5.72 -4.53	25.66 -1.78 -10.76	48.61 -4.77 -6.64
OLIN_CORP_DSASP 323712	11.26 0.46 -18.93	11.08 0.72 -22.52	1.27 1.43 -22.78	6.78 0.73 -18.96	7.91 0.89 -21.64	21.55 -0.27 -16.55	30.48 -0.98 -15.41	38.23 -1.45 -18.56	34.10 -1.32 -18.35	34.62 -1.40 -16.68	39.77 -1.91 -16.64	39.36 -1.76 -19.83	33.90 -1.79 -14.57	30.24 -1.41 -15.53	15.92 0.18 -17.85	29.72 -1.47 -13.38	68.75 -5.26 -14.20	90.05 -10.02 -1.37	149.29 -16.52 0.00	176.32 -20.61 0.00	252.39 -28.50 0.00	53.41 -5.72 -4.53	25.66 -1.78 -10.76	48.61 -4.77 -6.64
ONEIDA_HERK_LFGE 323681	-8.32 -0.20 0.00	-12.46 -0.30 0.00	-23.52 -0.56 0.00	-13.25 -0.33 0.00	-15.03 -0.41 0.00	5.45 0.18 0.00	16.65 0.60 0.00	21.95 0.82 0.00	17.77 0.70 0.00	20.16 0.82 0.00	26.04 1.00 0.00	22.11 0.82 0.00	21.88 0.77 0.00	16.67 0.56 0.00	-2.18 -0.07 0.00	18.46 0.66 0.00	62.33 2.53 0.00	103.21 4.51 0.00	175.22 7.75 -1.66	206.06 9.12 0.00	293.85 12.96 0.00	56.90 2.29 0.00	17.33 0.65 0.00	48.35 1.61 0.00
ONONDAGA_REF_OCCRA 23987	4.84 0.00 -12.97	3.27 0.00 -15.43	-7.30 0.04 -15.61	0.08 0.01 -12.99	0.20 -0.01 -14.82	16.63 0.02 -11.34	26.72 0.07 -10.61	34.49 0.10 -13.26	30.24 0.06 -13.11	31.33 0.07 -11.92	37.04 0.10 -11.89	35.56 0.10 -14.17	31.60 0.07 -10.41	27.30 0.09 -11.10	10.63 -0.01 -12.76	27.47 0.11 -9.56	70.03 0.07 -10.15	99.49 -0.19 -0.98	165.58 -0.23 0.00	196.34 -0.58 0.00	279.97 -0.92 0.00	57.58 -0.26 -3.24	24.29 -0.08 -7.69	50.97 -0.51 -4.75
ONONDAGA___COGEN 23986	4.02 0.01 -12.13	2.29 0.02 -14.43	-8.27 0.08 -14.60	-0.74 0.03 -12.15	-0.75 0.01 -13.87	15.88 0.01 -10.60	25.97 0.03 -9.90	33.20 0.04 -12.04	28.98 0.01 -11.91	30.17 0.01 -10.82	35.86 0.02 -10.80	34.19 0.04 -12.86	30.57 0.00 -9.45	26.22 0.04 -10.07	9.47 -0.01 -11.58	26.54 0.05 -8.68	68.92 -0.10 -9.22	99.17 -0.41 -0.89	165.10 -0.70 0.00	195.79 -1.14 0.00	279.13 -1.76 0.00	57.12 -0.43 -2.94	23.54 -0.12 -6.98	50.45 -0.59 -4.31
ONTARIO___LFGE 23819	9.26 -0.03 -17.42	8.53 -0.04 -20.72	-1.94 0.04 -20.97	4.53 0.00 -17.45	5.25 -0.04 -19.91	20.56 0.06 -15.23	30.43 0.17 -14.21	38.69 0.30 -17.27	34.34 0.19 -17.08	35.10 0.23 -15.53	40.83 0.30 -15.49	39.95 0.21 -18.46	34.89 0.21 -13.56	30.72 0.15 -14.46	14.49 -0.02 -16.62	30.52 0.25 -12.45	73.64 0.61 -13.23	99.95 -0.03 -1.28	166.27 0.47 0.00	196.87 -0.06 0.00	280.63 -0.26 0.00	58.43 -0.39 -4.22	26.55 -0.15 -10.01	52.12 -0.79 -6.18
ORANGEVILLE_WT_PWR 323706	14.58 0.37 -22.33	14.99 0.57 -26.57	5.14 1.21 -26.89	10.07 0.61 -22.37	11.63 0.72 -25.54	24.58 -0.22 -19.53	33.50 -0.75 -18.21	42.29 -0.96 -22.12	38.15 -0.80 -21.88	38.38 -0.84 -19.88	43.73 -1.15 -19.84	43.82 -1.11 -23.64	37.48 -1.00 -17.37	33.93 -0.69 -18.51	19.26 0.09 -21.28	33.14 -0.61 -15.94	74.44 -2.30 -16.94	95.31 -5.02 -1.64	157.86 -7.95 0.00	185.95 -10.98 0.00	264.91 -15.98 0.00	56.27 -3.73 -5.40	28.21 -1.30 -12.82	50.88 -3.77 -7.92
ORANGEVILLE___ESR 323794	14.58 0.37 -22.33	14.99 0.57 -26.57	5.14 1.21 -26.89	10.07 0.61 -22.37	11.63 0.72 -25.54	24.58 -0.22 -19.53	33.50 -0.75 -18.21	42.29 -0.96 -22.12	38.15 -0.80 -21.88	38.38 -0.84 -19.88	43.73 -1.15 -19.84	43.82 -1.11 -23.64	37.48 -1.00 -17.37	33.93 -0.69 -18.51	19.26 0.09 -21.28	33.14 -0.61 -15.94	74.44 -2.30 -16.94	95.31 -5.02 -1.64	157.86 -7.95 0.00	185.95 -10.98 0.00	264.91 -15.98 0.00	56.27 -3.73 -5.40	28.21 -1.30 -12.82	50.88 -3.77 -7.92
OSWEGATCHIE___HYD 24044	-8.03 0.09 0.00	-12.04 0.11 0.00	-22.74 0.21 0.00	-12.79 0.12 0.00	-14.53 0.09 0.00	5.27 0.00 0.00	16.07 0.02 0.00	21.18 0.05 0.00	17.22 0.16 0.00	19.50 0.16 0.00	25.18 0.14 0.00	21.39 0.11 0.00	21.17 0.06 0.00	16.11 0.00 0.00	-2.10 0.01 0.00	17.78 -0.03 0.00	60.12 0.31 0.00	100.32 1.62 0.00	177.57 3.59 -8.17	202.08 5.15 0.00	289.57 8.68 0.00	55.80 1.19 0.00	17.00 0.31 0.00	47.81 1.08 0.00
OSWEGO___5 23606	0.73 0.17 -8.69	-1.56 0.26 -10.33	-11.98 0.51 -10.46	-3.94 0.28 -8.70	-4.39 0.30 -9.93	12.77 -0.10 -7.60	22.82 -0.32 -7.09	29.29 -0.43 -8.59	25.20 -0.36 -8.49	26.64 -0.42 -7.72	32.21 -0.53 -7.70	30.03 -0.44 -9.18	27.39 -0.47 -6.74	22.98 -0.32 -7.19	6.19 0.04 -8.26	23.65 -0.35 -6.19	64.96 -1.42 -6.58	96.78 -2.56 -0.64	161.49 -4.31 0.00	191.65 -5.28 0.00	273.29 -7.60 0.00	55.17 -1.53 -2.10	21.22 -0.44 -4.98	48.35 -1.45 -3.07
OSWEGO___6 23613	0.73 0.17 -8.69	-1.56 0.26 -10.33	-11.98 0.51 -10.46	-3.94 0.28 -8.70	-4.39 0.30 -9.93	12.77 -0.10 -7.60	22.82 -0.32 -7.09	29.29 -0.43 -8.59	25.20 -0.36 -8.49	26.64 -0.42 -7.72	32.21 -0.53 -7.70	30.03 -0.44 -9.18	27.39 -0.47 -6.74	22.98 -0.32 -7.19	6.19 0.04 -8.26	23.65 -0.35 -6.19	64.96 -1.42 -6.58	96.78 -2.56 -0.64	161.49 -4.31 0.00	191.65 -5.28 0.00	273.29 -7.60 0.00	55.17 -1.53 -2.10	21.22 -0.44 -4.98	48.35 -1.45 -3.07



OUTOKUMPU-AB___DRP 24206	11.28 0.30 -19.10	11.05 0.48 -22.72	1.05 1.01 -22.99	6.72 0.50 -19.13	7.82 0.61 -21.84	21.78 -0.19 -16.70	30.91 -0.69 -15.55	38.95 -1.03 -18.86	34.75 -0.96 -18.65	35.29 -1.00 -16.95	40.58 -1.38 -16.91	40.14 -1.30 -20.15	34.62 -1.30 -14.81	30.86 -1.03 -15.78	16.16 0.13 -18.14	30.35 -1.05 -13.59	70.40 -3.84 -14.44	92.42 -7.67 -1.40	153.27 -12.53 0.00	180.93 -16.01 0.00	258.64 -22.25 0.00	54.65 -4.56 -4.60	26.17 -1.45 -10.93	49.56 -3.92 -6.75
OXBOW____ 24026	11.26 0.37 -19.01	11.05 0.58 -22.62	1.12 1.18 -22.89	6.73 0.59 -19.05	7.85 0.73 -21.74	21.66 -0.23 -16.63	30.64 -0.89 -15.48	38.51 -1.33 -18.71	34.36 -1.21 -18.50	34.88 -1.28 -16.81	40.07 -1.75 -16.78	39.66 -1.61 -19.99	34.17 -1.64 -14.69	30.48 -1.29 -15.66	16.06 0.17 -18.00	29.96 -1.33 -13.48	69.33 -4.80 -14.32	90.84 -9.24 -1.39	150.61 -15.20 0.00	177.87 -19.06 0.00	254.51 -26.38 0.00	54.01 -5.16 -4.57	25.95 -1.58 -10.84	49.16 -4.27 -6.70
OXY_CHEM_DSASP 323612	11.26 0.46 -18.93	11.08 0.72 -22.52	1.27 1.43 -22.78	6.78 0.73 -18.96	7.91 0.89 -21.64	21.55 -0.27 -16.55	30.48 -0.98 -15.41	38.23 -1.45 -18.56	34.10 -1.32 -18.35	34.62 -1.40 -16.68	39.77 -1.91 -16.64	39.36 -1.76 -19.83	33.90 -1.79 -14.57	30.24 -1.41 -15.53	15.92 0.18 -17.85	29.72 -1.47 -13.38	68.75 -5.26 -14.20	90.05 -10.02 -1.37	149.29 -16.52 0.00	176.32 -20.61 0.00	252.39 -28.50 0.00	53.41 -5.72 -4.53	25.66 -1.78 -10.76	48.61 -4.77 -6.64
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	11.26 0.46 -18.93	11.08 0.72 -22.52	1.27 1.43 -22.78	6.78 0.73 -18.96	7.91 0.89 -21.64	21.55 -0.27 -16.55	30.48 -0.98 -15.41	38.23 -1.45 -18.56	34.10 -1.32 -18.35	34.62 -1.40 -16.68	39.77 -1.91 -16.64	39.36 -1.76 -19.83	33.90 -1.79 -14.57	30.24 -1.41 -15.53	15.92 0.18 -17.85	29.72 -1.47 -13.38	68.75 -5.26 -14.20	90.05 -10.02 -1.37	149.29 -16.52 0.00	176.32 -20.61 0.00	252.39 -28.50 0.00	53.41 -5.72 -4.53	25.66 -1.78 -10.76	48.61 -4.77 -6.64
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	109.63 -0.63 -118.39	127.78 -0.91 -140.84	117.95 -1.63 -142.53	104.74 -0.96 -118.62	119.68 -1.06 -135.36	109.24 0.44 -103.53	113.94 1.39 -96.50	138.75 1.85 -115.78	133.12 1.55 -114.51	125.20 1.80 -104.05	131.31 2.44 -103.84	147.10 2.11 -123.70	114.28 2.26 -90.90	114.64 1.64 -96.88	109.06 -0.21 -111.38	103.01 1.76 -83.44	153.69 5.26 -88.63	115.87 8.60 -8.57	179.86 14.06 0.00	213.46 16.53 0.00	303.44 22.55 0.00	88.02 5.15 -28.26	85.26 1.46 -67.11	91.77 3.59 -41.45
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	109.45 -0.82 -118.39	127.49 -1.20 -140.84	117.40 -2.18 -142.53	104.43 -1.28 -118.62	119.31 -1.43 -135.36	109.37 0.58 -103.53	114.34 1.80 -96.50	139.30 2.40 -115.78	133.51 1.94 -114.51	125.66 2.26 -104.05	131.91 3.03 -103.84	147.25 2.27 -123.70	114.36 2.34 -90.90	114.94 1.94 -96.88	109.02 -0.25 -111.38	103.39 2.14 -83.44	155.00 6.56 -88.63	117.92 10.66 -8.57	183.01 17.20 0.00	216.95 20.02 0.00	308.17 27.28 0.00	88.96 6.09 -28.26	85.57 1.77 -67.11	92.72 4.54 -41.45
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	12.84 0.22 -20.74	12.85 0.33 -24.68	2.80 0.78 -24.97	8.26 0.39 -20.78	9.56 0.46 -23.72	23.28 -0.13 -18.14	32.47 -0.44 -16.86	41.54 -0.45 -20.87	37.18 -0.52 -20.64	37.54 -0.56 -18.75	43.00 -0.76 -18.71	42.84 -0.74 -22.30	36.83 -0.67 -16.38	33.05 -0.53 -17.46	18.03 0.07 -20.08	32.34 -0.51 -15.04	73.72 -2.06 -15.97	95.54 -4.70 -1.55	158.58 -7.23 0.00	186.88 -10.05 0.00	267.03 -13.86 0.00	56.53 -3.17 -5.09	27.69 -1.09 -12.10	51.18 -3.02 -7.47
PAWLING_115_KV_BK3_REV_LBMP_H 345028	111.50 -0.71 -120.33	129.97 -1.02 -143.15	120.05 -1.87 -144.86	106.57 -1.08 -120.56	121.73 -1.22 -137.58	110.98 0.49 -105.22	115.68 1.55 -98.08	140.88 2.08 -117.68	135.18 1.73 -116.38	127.10 2.00 -105.76	133.27 2.69 -105.55	149.30 2.28 -125.73	115.86 2.35 -92.40	116.33 1.74 -98.47	110.88 -0.22 -113.21	104.51 1.89 -84.81	155.90 6.00 -90.08	117.27 9.86 -8.71	182.27 16.46 0.00	216.37 19.44 0.00	307.48 26.60 0.00	88.97 5.64 -28.72	86.52 1.62 -68.21	93.00 4.14 -42.13
PEEKSKILL____ 23653	108.50 -0.58 -117.20	126.45 -0.83 -139.43	116.61 -1.50 -141.07	103.32 -0.87 -117.11	118.03 -0.98 -133.64	107.87 0.39 -102.20	112.58 1.26 -95.28	137.08 1.66 -114.30	131.49 1.37 -113.05	123.69 1.61 -102.73	129.73 2.17 -102.52	145.28 1.87 -122.13	112.83 1.97 -89.75	113.22 1.45 -95.65	107.67 -0.18 -109.97	101.75 1.56 -82.38	152.03 4.72 -87.50	114.77 7.60 -8.46	178.40 12.59 0.00	211.85 14.93 0.00	301.13 20.24 0.00	87.00 4.50 -27.90	84.23 1.29 -66.26	90.93 3.27 -40.92
PGE MADISON___WINDPWR 24146	28.32 -0.61 -37.05	31.01 -0.92 -44.08	19.97 -1.68 -44.61	23.21 -1.00 -37.12	26.43 -1.31 -42.36	38.22 0.55 -32.40	48.04 1.75 -30.25	60.26 2.33 -36.80	55.16 1.70 -36.40	54.50 2.08 -33.08	60.59 2.54 -33.01	62.68 2.07 -39.32	51.97 1.96 -28.90	48.34 1.43 -30.80	33.11 -0.19 -35.41	46.13 1.79 -26.53	94.63 6.65 -28.17	112.71 11.29 -2.73	185.39 19.58 0.00	220.88 23.95 0.00	315.77 34.88 0.00	69.88 6.30 -8.98	39.75 1.73 -21.33	64.27 4.37 -13.18
PIERCEFIELD___HYD 23852	-7.90 0.22 0.00	-11.85 0.30 0.00	-22.45 0.51 0.00	-12.59 0.33 0.00	-14.29 0.33 0.00	5.15 -0.12 0.00	15.64 -0.40 0.00	20.60 -0.52 0.00	16.75 -0.32 0.00	18.94 -0.40 0.00	24.42 -0.61 0.00	20.75 -0.53 0.00	20.57 -0.54 0.00	15.65 -0.46 0.00	-2.04 0.07 0.00	17.21 -0.60 0.00	58.19 -1.62 0.00	97.46 -1.24 0.00	176.73 -1.12 -12.04	197.49 0.55 -0.01	284.20 3.32 0.00	54.73 0.13 0.00	16.70 0.02 0.00	47.48 0.75 0.00
PINELAWN_CC_1 323563	109.33 -0.95 -118.41	127.34 -1.38 -140.87	117.19 -2.42 -142.56	104.29 -1.44 -118.64	119.14 -1.62 -135.39	109.45 0.64 -103.55	114.57 2.00 -96.52	139.57 2.65 -115.80	133.59 2.00 -114.53	125.72 2.30 -104.07	132.91 3.17 -104.70	156.65 2.72 -132.64	123.93 2.84 -99.98	115.11 2.09 -96.91	109.03 -0.27 -111.41	106.92 2.38 -86.73	159.31 7.50 -92.01	145.22 12.10 -34.43	212.74 19.21 -27.72	218.42 21.49 0.00	309.25 28.36 0.00	89.25 6.38 -28.26	85.67 1.86 -67.12	93.17 4.98 -41.45
PJM_GEN_HTTP_PROXY 323702	109.63 -0.62 -118.37	127.79 -0.88 -140.82	117.97 -1.58 -142.51	104.76 -0.92 -118.60	119.68 -1.04 -135.34	109.20 0.43 -103.51	113.88 1.35 -96.49	138.67 1.79 -115.76	133.05 1.50 -114.49	125.14 1.77 -104.04	131.26 2.40 -103.82	147.03 2.07 -123.68	114.19 2.19 -90.89	114.59 1.61 -96.87	109.05 -0.21 -111.37	102.98 1.74 -83.43	154.12 5.14 -89.18	115.51 8.25 -8.57	179.38 13.57 0.00	213.03 16.11 0.00	302.83 21.94 0.00	87.83 4.97 -28.26	85.21 1.43 -67.10	91.75 3.58 -41.44
PJM_GEN_KEystone 24065	64.90 -0.11 -73.13	74.68 -0.16 -87.00	64.91 -0.18 -88.04	60.22 -0.12 -73.27	68.83 -0.15 -83.61	69.30 0.09 -63.94	75.73 0.26 -59.43	91.12 0.36 -69.64	87.47 0.24 -70.17	84.04 0.30 -64.40	89.41 0.42 -63.95	98.17 0.33 -76.55	77.82 0.45 -56.26	76.38 0.30 -59.96	66.79 -0.04 -68.93	69.79 0.34 -51.64	115.87 0.64 -55.42	34.47 0.37 64.59	154.46 0.83 12.18	158.76 0.52 38.69	281.47 0.58 0.00	72.34 0.25 -17.49	58.20 -0.02 -41.53	72.17 -0.22 -25.65
PJM_GEN_NEPTUNE_PROXY 323594	109.51 -0.78 -118.41	127.59 -1.12 -140.87	117.63 -1.97 -142.56	104.55 -1.17 -118.64	119.44 -1.33 -135.39	109.34 0.53 -103.55	114.22 1.65 -96.52	139.10 2.18 -115.80	133.26 1.67 -114.53	125.37 1.95 -104.07	132.44 2.70 -104.70	156.26 2.34 -132.64	123.55 2.46 -99.98	114.82 1.80 -96.91	109.06 -0.23 -111.41	106.54 1.99 -86.73	158.51 6.13 -92.57	142.94 9.81 -34.43	209.32 15.80 -27.72	214.74 17.81 0.00	304.40 23.51 0.00	88.29 5.42 -28.26	85.39 1.58 -67.12	92.41 4.22 -41.45



PJM_GEN_VFT_PROXY 323633	109.69 -0.57 -118.38	127.88 -0.80 -140.83	118.15 -1.42 -142.52	104.87 -0.83 -118.61	119.80 -0.93 -135.35	109.17 0.39 -103.51	110.84 1.23 -93.56	109.80 1.63 -87.06	123.01 1.37 -104.56	125.02 1.63 -104.04	126.61 2.23 -99.35	146.90 1.93 -123.69	114.08 2.07 -90.90	114.51 1.52 -96.88	109.07 -0.19 -111.37	102.88 1.63 -83.44	153.72 4.73 -89.19	114.84 7.57 -8.57	178.26 12.45 0.00	211.78 14.85 0.00	301.16 20.27 0.00	87.59 4.73 -28.26	85.14 1.35 -67.10	91.54 3.36 -41.44
PLEASANTVLY___LBMP 24000	114.39 -0.59 -123.10	133.45 -0.85 -146.45	123.71 -1.54 -148.21	109.53 -0.89 -123.34	125.12 -1.01 -140.75	113.31 0.40 -107.64	117.65 1.26 -100.34	143.16 1.66 -120.38	137.51 1.39 -119.05	129.15 1.62 -108.19	135.18 2.18 -107.97	151.75 1.85 -128.61	117.57 1.94 -94.52	118.27 1.43 -100.73	113.52 -0.18 -115.81	106.11 1.54 -86.76	156.72 4.76 -92.15	115.36 7.75 -8.91	178.64 12.83 0.00	212.19 15.26 0.00	301.69 20.80 0.00	88.53 4.54 -29.38	87.78 1.32 -69.78	93.19 3.37 -43.09
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	110.50 -0.63 -119.25	128.81 -0.90 -141.87	118.97 -1.65 -143.57	105.62 -0.95 -119.48	120.66 -1.07 -136.35	109.98 0.43 -104.28	114.61 1.36 -97.21	139.55 1.81 -116.62	133.90 1.50 -115.34	125.90 1.75 -104.81	132.00 2.37 -104.60	147.91 2.02 -124.60	114.81 2.13 -91.57	115.27 1.56 -97.59	109.89 -0.20 -112.19	103.55 1.69 -84.05	154.26 5.18 -89.27	115.69 8.36 -8.64	179.66 13.85 0.00	213.29 16.36 0.00	303.30 22.41 0.00	87.98 4.91 -28.47	85.70 1.42 -67.60	92.07 3.58 -41.75
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	113.86 -0.67 -122.65	132.79 -0.98 -145.92	122.93 -1.79 -147.67	108.95 -1.03 -122.89	124.45 -1.17 -140.24	112.98 0.46 -107.25	117.47 1.45 -99.98	143.00 1.93 -119.95	137.30 1.61 -118.63	128.99 1.85 -107.80	135.09 2.47 -107.58	151.52 2.08 -128.15	117.44 2.14 -94.18	118.07 1.58 -100.37	113.08 -0.20 -115.40	105.98 1.72 -86.45	157.21 5.58 -91.82	116.74 9.16 -8.88	181.12 15.31 0.00	215.05 18.12 0.00	305.83 24.94 0.00	89.13 5.25 -29.28	87.73 1.52 -69.53	93.58 3.90 -42.94
POLETTI____ 23519	109.64 -0.61 -118.38	127.81 -0.86 -140.83	118.01 -1.55 -142.52	104.78 -0.91 -118.61	119.71 -1.02 -135.35	109.21 0.42 -103.51	113.88 1.34 -96.49	138.66 1.77 -115.77	133.05 1.49 -114.49	125.14 1.76 -104.04	131.25 2.39 -103.83	147.02 2.05 -123.69	114.20 2.19 -90.90	114.60 1.61 -96.88	109.06 -0.21 -111.37	102.98 1.74 -83.44	153.43 5.00 -88.62	115.33 8.06 -8.57	179.09 13.28 0.00	212.75 15.82 0.00	302.37 21.48 0.00	87.83 4.97 -28.26	85.22 1.43 -67.10	91.72 3.55 -41.44
PORT_JEFF_3 23555	109.32 -0.96 -118.41	127.32 -1.39 -140.87	117.17 -2.43 -142.56	104.27 -1.46 -118.64	119.12 -1.64 -135.39	109.46 0.64 -103.55	114.57 2.00 -96.52	139.50 2.58 -115.80	133.47 1.88 -114.53	125.56 2.14 -104.07	132.75 3.01 -104.70	156.60 2.67 -132.64	123.92 2.83 -99.98	115.09 2.07 -96.91	109.02 -0.27 -111.41	106.92 2.38 -86.73	159.09 7.28 -92.01	144.46 11.33 -34.43	211.14 17.62 -27.72	215.94 19.00 0.00	305.06 24.18 0.00	88.73 5.86 -28.26	85.58 1.77 -67.12	93.08 4.89 -41.45
PORT_JEFF_4 23616	109.32 -0.96 -118.41	127.32 -1.39 -140.87	117.17 -2.43 -142.56	104.27 -1.46 -118.64	119.12 -1.64 -135.39	109.46 0.64 -103.55	114.57 2.00 -96.52	139.50 2.58 -115.80	133.47 1.88 -114.53	125.56 2.14 -104.07	132.75 3.01 -104.70	156.60 2.67 -132.64	123.92 2.83 -99.98	115.09 2.07 -96.91	109.02 -0.27 -111.41	106.92 2.38 -86.73	159.09 7.28 -92.01	144.46 11.33 -34.43	211.14 17.62 -27.72	215.94 19.00 0.00	305.06 24.18 0.00	88.73 5.86 -28.26	85.58 1.77 -67.12	93.08 4.89 -41.45
PORT_JEFF_IC 23713	109.32 -0.97 -118.41	127.31 -1.40 -140.87	117.15 -2.45 -142.56	104.26 -1.47 -118.64	119.11 -1.65 -135.39	109.47 0.65 -103.55	114.59 2.03 -96.52	139.55 2.63 -115.80	133.51 1.92 -114.53	125.61 2.19 -104.07	132.80 3.05 -104.70	156.63 2.70 -132.64	123.94 2.85 -99.98	115.11 2.09 -96.91	109.02 -0.27 -111.41	106.95 2.41 -86.73	159.23 7.42 -92.01	144.76 11.63 -34.43	211.64 18.12 -27.72	216.63 19.70 0.00	305.92 25.03 0.00	88.88 6.01 -28.26	85.62 1.81 -67.12	93.14 4.95 -41.45
PPL PILGRIM_ST_GT1 24216	109.23 -1.06 -118.41	127.17 -1.54 -140.87	116.92 -2.69 -142.56	104.12 -1.60 -118.64	118.97 -1.80 -135.39	109.52 0.70 -103.55	114.76 2.19 -96.52	139.83 2.91 -115.80	133.75 2.16 -114.53	125.92 2.50 -104.07	133.14 3.40 -104.70	156.87 2.95 -132.64	124.17 3.08 -99.98	115.28 2.26 -96.91	109.00 -0.29 -111.41	107.11 2.57 -86.73	159.92 8.11 -92.01	146.30 13.17 -34.43	214.16 20.64 -27.72	219.94 23.01 0.00	311.06 30.17 0.00	89.62 6.75 -28.26	85.79 1.98 -67.12	93.53 5.34 -41.45
PPL PILGRIM_ST_GT2 24217	109.23 -1.06 -118.41	127.17 -1.54 -140.87	116.92 -2.69 -142.56	104.12 -1.60 -118.64	118.97 -1.80 -135.39	109.52 0.70 -103.55	114.76 2.19 -96.52	139.83 2.91 -115.80	133.75 2.16 -114.53	125.92 2.50 -104.07	133.14 3.40 -104.70	156.87 2.95 -132.64	124.17 3.08 -99.98	115.28 2.26 -96.91	109.00 -0.29 -111.41	107.11 2.57 -86.73	159.92 8.11 -92.01	146.30 13.17 -34.43	214.16 20.64 -27.72	219.94 23.01 0.00	311.06 30.17 0.00	89.62 6.75 -28.26	85.79 1.98 -67.12	93.53 5.34 -41.45
PPL_SHRM_GT3 24213	109.25 -1.04 -118.41	127.22 -1.50 -140.87	116.99 -2.62 -142.56	104.16 -1.56 -118.64	119.00 -1.77 -135.39	109.51 0.70 -103.55	114.76 2.19 -96.52	139.77 2.85 -115.80	133.70 2.10 -114.53	125.77 2.36 -104.07	132.99 3.25 -104.70	156.78 2.85 -132.64	124.05 2.96 -99.98	115.20 2.17 -96.91	109.01 -0.28 -111.41	107.08 2.54 -86.73	159.91 8.10 -92.01	145.63 12.49 -34.43	212.94 19.41 -27.72	215.66 18.73 0.00	304.46 23.57 0.00	89.42 6.55 -28.26	85.79 1.98 -67.12	93.54 5.35 -41.45
PPL_SHRM_GT4 24214	109.25 -1.04 -118.41	127.22 -1.50 -140.87	116.99 -2.62 -142.56	104.16 -1.56 -118.64	119.00 -1.77 -135.39	109.51 0.70 -103.55	114.76 2.19 -96.52	139.77 2.85 -115.80	133.70 2.10 -114.53	125.77 2.36 -104.07	132.99 3.25 -104.70	156.78 2.85 -132.64	124.05 2.96 -99.98	115.20 2.17 -96.91	109.01 -0.28 -111.41	107.08 2.54 -86.73	159.91 8.10 -92.01	145.63 12.49 -34.43	212.94 19.41 -27.72	215.66 18.73 0.00	304.46 23.57 0.00	89.42 6.55 -28.26	85.79 1.98 -67.12	93.54 5.35 -41.45
PROJECT___ORANGE 1 24174	2.44 0.05 -10.50	0.43 0.09 -12.50	-10.10 0.21 -12.65	-2.30 0.09 -10.52	-2.51 0.10 -12.01	14.44 -0.02 -9.18	24.55 -0.06 -8.56	31.30 -0.07 -10.25	27.13 -0.08 -10.14	28.47 -0.08 -9.21	34.14 -0.09 -9.19	32.17 -0.07 -10.95	29.06 -0.10 -8.05	24.64 -0.04 -8.58	7.75 0.00 -9.86	25.15 -0.04 -7.39	67.19 -0.46 -7.84	98.39 -1.06 -0.76	164.41 -1.74 -0.34	194.55 -2.38 0.00	277.46 -3.43 0.00	56.39 -0.71 -2.50	22.42 -0.21 -5.94	49.54 -0.86 -3.67
PROJECT___ORANGE 2 24166	2.44 0.05 -10.50	0.43 0.09 -12.50	-10.10 0.21 -12.65	-2.30 0.09 -10.52	-2.51 0.10 -12.01	14.44 -0.02 -9.18	24.55 -0.06 -8.56	31.30 -0.07 -10.25	27.13 -0.08 -10.14	28.47 -0.08 -9.21	34.14 -0.09 -9.19	32.17 -0.07 -10.95	29.06 -0.10 -8.05	24.64 -0.04 -8.58	7.75 0.00 -9.86	25.15 -0.04 -7.39	67.19 -0.46 -7.84	98.39 -1.06 -0.76	164.41 -1.74 -0.34	194.55 -2.38 0.00	277.46 -3.43 0.00	56.39 -0.71 -2.50	22.42 -0.21 -5.94	49.54 -0.86 -3.67
PYRITES___HYD 24023	-8.00 0.13 0.00	-11.99 0.16 0.00	-22.69 0.26 0.00	-12.73 0.19 0.00	-14.45 0.18 0.00	5.21 -0.06 0.00	15.88 -0.17 0.00	20.94 -0.18 0.00	17.01 -0.06 0.00	19.23 -0.11 0.00	24.78 -0.25 0.00	21.07 -0.22 0.00	20.89 -0.22 0.00	15.88 -0.23 0.00	-2.07 0.04 0.00	17.48 -0.33 0.00	59.26 -0.54 0.00	99.38 0.68 0.00	179.76 1.92 -12.04	200.66 3.73 -0.01	288.26 7.38 0.00	55.41 0.80 0.00	16.89 0.20 0.00	48.04 1.31 0.00



RAMAPO___LBMP 323565	105.35 -0.52 -113.99	122.70 -0.75 -135.61	112.91 -1.37 -137.23	100.50 -0.79 -114.20	114.80 -0.90 -130.32	105.30 0.36 -99.67	110.10 1.14 -92.91	134.09 1.50 -111.47	128.55 1.24 -110.25	120.99 1.46 -100.19	126.99 1.97 -99.98	142.07 1.68 -119.10	110.44 1.80 -87.52	110.72 1.32 -93.28	104.96 -0.17 -107.24	99.56 1.41 -80.34	149.37 4.23 -85.33	113.75 6.80 -8.25	177.01 11.20 0.00	210.33 13.40 0.00	299.07 18.18 0.00	85.86 4.05 -27.21	82.45 1.15 -64.61	89.53 2.89 -39.91
RANKINE____ 23646	12.39 0.28 -20.24	12.36 0.44 -24.07	2.35 0.94 -24.36	7.82 0.46 -20.27	9.08 0.56 -23.14	22.81 -0.16 -17.69	31.96 -0.57 -16.48	40.47 -0.78 -20.12	36.22 -0.74 -19.90	36.65 -0.77 -18.08	42.02 -1.06 -18.04	41.76 -1.02 -21.50	35.92 -0.99 -15.80	32.19 -0.76 -16.83	17.34 0.10 -19.35	31.56 -0.75 -14.50	72.35 -2.86 -15.40	94.15 -6.03 -1.49	156.11 -9.70 0.00	184.00 -12.93 0.00	262.84 -18.05 0.00	55.60 -3.92 -4.91	27.05 -1.29 -11.66	50.38 -3.56 -7.20
RAVENSWOOD_GT2_1 24244	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.38 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.10 -123.70	114.24 2.23 -90.90	114.63 1.63 -96.88	109.06 -0.21 -111.38	103.02 1.77 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.64 13.83 0.00	213.36 16.43 0.00	303.23 22.34 0.00	87.93 5.07 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD_GT2_2 24245	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.38 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.10 -123.70	114.24 2.23 -90.90	114.63 1.63 -96.88	109.06 -0.21 -111.38	103.02 1.77 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.64 13.83 0.00	213.36 16.43 0.00	303.23 22.34 0.00	87.93 5.07 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD_GT2_3 24246	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.95 -1.63 -142.53	104.75 -0.95 -118.62	119.68 -1.06 -135.36	109.23 0.44 -103.53	113.93 1.38 -96.50	138.74 1.84 -115.78	133.11 1.54 -114.51	125.21 1.81 -104.05	131.33 2.46 -103.84	147.10 2.11 -123.70	114.25 2.24 -90.90	114.64 1.65 -96.88	109.06 -0.21 -111.38	103.03 1.78 -83.44	153.70 5.26 -88.63	115.73 8.46 -8.57	179.74 13.93 0.00	213.40 16.47 0.00	303.43 22.54 0.00	87.95 5.09 -28.26	85.26 1.46 -67.11	91.85 3.67 -41.45
RAVENSWOOD_GT2_4 24247	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.95 -1.63 -142.53	104.75 -0.95 -118.62	119.68 -1.06 -135.36	109.23 0.44 -103.53	113.93 1.38 -96.50	138.74 1.84 -115.78	133.11 1.54 -114.51	125.21 1.81 -104.05	131.33 2.46 -103.84	147.10 2.11 -123.70	114.25 2.24 -90.90	114.64 1.65 -96.88	109.06 -0.21 -111.38	103.03 1.78 -83.44	153.70 5.26 -88.63	115.73 8.46 -8.57	179.74 13.93 0.00	213.40 16.47 0.00	303.43 22.54 0.00	87.95 5.09 -28.26	85.26 1.46 -67.11	91.85 3.67 -41.45
RAVENSWOOD_GT3_1 24248	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.38 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.10 -123.70	114.24 2.23 -90.90	114.63 1.64 -96.88	109.06 -0.21 -111.38	103.02 1.77 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.64 13.83 0.00	213.36 16.43 0.00	303.23 22.34 0.00	87.93 5.07 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD_GT3_2 24249	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.38 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.10 -123.70	114.24 2.23 -90.90	114.63 1.64 -96.88	109.06 -0.21 -111.38	103.02 1.77 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.64 13.83 0.00	213.36 16.43 0.00	303.23 22.34 0.00	87.93 5.07 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD_GT3_3 24250	109.62 -0.64 -118.39	127.78 -0.92 -140.84	117.93 -1.65 -142.53	104.74 -0.96 -118.62	119.66 -1.08 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.76 1.86 -115.78	133.13 1.56 -114.51	125.23 1.84 -104.05	131.37 2.49 -103.84	147.12 2.14 -123.70	114.28 2.26 -90.90	114.66 1.66 -96.88	109.06 -0.21 -111.38	103.05 1.80 -83.44	153.78 5.34 -88.63	115.85 8.58 -8.57	179.95 14.15 0.00	213.72 16.79 0.00	303.77 22.88 0.00	88.02 5.16 -28.26	85.28 1.48 -67.11	91.90 3.72 -41.45
RAVENSWOOD_GT3_4 24251	109.62 -0.64 -118.39	127.78 -0.92 -140.84	117.93 -1.65 -142.53	104.74 -0.96 -118.62	119.66 -1.08 -135.36	109.24 0.44 -103.53	113.95 1.40 -96.50	138.76 1.86 -115.78	133.13 1.56 -114.51	125.23 1.84 -104.05	131.37 2.49 -103.84	147.12 2.14 -123.70	114.28 2.26 -90.90	114.66 1.66 -96.88	109.06 -0.21 -111.38	103.05 1.80 -83.44	153.78 5.34 -88.63	115.85 8.58 -8.57	179.95 14.15 0.00	213.72 16.79 0.00	303.77 22.88 0.00	88.02 5.16 -28.26	85.28 1.48 -67.11	91.90 3.72 -41.45
RAVENSWOOD_GT_1 23729	109.61 -0.66 -118.39	127.76 -0.93 -140.84	117.89 -1.69 -142.53	104.71 -0.99 -118.62	119.64 -1.10 -135.36	109.25 0.45 -103.53	113.99 1.44 -96.50	138.82 1.92 -115.78	133.19 1.62 -114.51	125.29 1.90 -104.05	131.45 2.57 -103.84	147.19 2.21 -123.70	114.36 2.35 -90.91	114.71 1.72 -96.88	109.05 -0.22 -111.38	103.11 1.86 -83.44	153.95 5.52 -88.63	116.13 8.86 -8.57	180.38 14.57 0.00	214.12 17.19 0.00	304.28 23.39 0.00	88.22 5.35 -28.26	85.33 1.53 -67.11	91.98 3.80 -41.45
RAVENSWOOD_GT_10 24258	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.37 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.09 -123.70	114.24 2.22 -90.90	114.63 1.63 -96.88	109.06 -0.21 -111.38	103.02 1.76 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.49 13.68 0.00	212.93 16.00 0.00	302.96 22.08 0.00	87.92 5.06 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD_GT_11 24259	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.37 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.09 -123.70	114.24 2.22 -90.90	114.63 1.63 -96.88	109.06 -0.21 -111.38	103.02 1.76 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.49 13.68 0.00	212.93 16.00 0.00	302.96 22.08 0.00	87.92 5.06 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD_GT_4 24252	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.22 0.43 -103.53	113.92 1.37 -96.50	138.72 1.82 -115.78	133.09 1.53 -114.51	125.19 1.79 -104.05	131.31 2.43 -103.84	147.08 2.09 -123.70	114.23 2.21 -90.90	114.63 1.63 -96.88	109.07 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.63 8.36 -8.57	179.58 13.77 0.00	213.30 16.37 0.00	303.20 22.31 0.00	87.91 5.05 -28.26	85.25 1.45 -67.11	91.82 3.63 -41.45
RAVENSWOOD_GT_5 24254	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.22 0.43 -103.53	113.92 1.37 -96.50	138.72 1.82 -115.78	133.09 1.53 -114.51	125.19 1.79 -104.05	131.31 2.43 -103.84	147.08 2.09 -123.70	114.23 2.21 -90.90	114.63 1.63 -96.88	109.07 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.63 8.36 -8.57	179.58 13.77 0.00	213.30 16.37 0.00	303.20 22.31 0.00	87.91 5.05 -28.26	85.25 1.45 -67.11	91.82 3.63 -41.45



RAVENSWOOD_GT_6 24253	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.22 0.43 -103.53	113.92 1.37 -96.50	138.72 1.82 -115.78	133.09 1.53 -114.51	125.19 1.79 -104.05	131.31 2.43 -103.84	147.08 2.09 -123.70	114.23 2.21 -90.90	114.63 1.63 -96.88	109.07 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.63 8.36 -8.57	179.58 13.77 0.00	213.30 16.37 0.00	303.20 22.31 0.00	87.91 5.05 -28.26	85.25 1.45 -67.11	91.82 3.63 -41.45
RAVENSWOOD_GT_7 24255	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.22 0.43 -103.53	113.92 1.37 -96.50	138.72 1.82 -115.78	133.09 1.53 -114.51	125.19 1.79 -104.05	131.31 2.43 -103.84	147.08 2.09 -123.70	114.23 2.21 -90.90	114.63 1.63 -96.88	109.07 -0.21 -111.38	103.01 1.76 -83.44	153.64 5.21 -88.63	115.63 8.36 -8.57	179.58 13.77 0.00	213.30 16.37 0.00	303.20 22.31 0.00	87.91 5.05 -28.26	85.25 1.45 -67.11	91.82 3.63 -41.45
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.37 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.09 -123.70	114.24 2.22 -90.90	114.63 1.63 -96.88	109.06 -0.21 -111.38	103.02 1.76 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.49 13.68 0.00	212.93 16.00 0.00	302.96 22.08 0.00	87.92 5.06 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD_GT_9 24257	109.64 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.61 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.92 1.37 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.08 2.09 -123.70	114.24 2.22 -90.90	114.63 1.63 -96.88	109.06 -0.21 -111.38	103.02 1.76 -83.44	153.66 5.22 -88.63	115.65 8.38 -8.57	179.49 13.68 0.00	212.93 16.00 0.00	302.96 22.08 0.00	87.92 5.06 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD___1 23533	109.63 -0.64 -118.39	127.79 -0.90 -140.84	117.94 -1.64 -142.53	104.74 -0.96 -118.62	119.67 -1.07 -135.36	109.24 0.44 -103.53	113.95 1.41 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.25 1.85 -104.05	131.39 2.51 -103.84	147.14 2.15 -123.70	114.31 2.29 -90.90	114.67 1.67 -96.88	109.06 -0.21 -111.38	103.07 1.82 -83.44	153.78 5.35 -88.63	115.90 8.63 -8.57	179.98 14.17 0.00	213.68 16.75 0.00	303.68 22.79 0.00	88.08 5.21 -28.26	85.29 1.49 -67.11	91.90 3.72 -41.45
RAVENSWOOD___2 23534	109.63 -0.64 -118.39	127.79 -0.90 -140.84	117.94 -1.64 -142.53	104.74 -0.96 -118.62	119.67 -1.07 -135.36	109.24 0.44 -103.53	113.95 1.41 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.25 1.85 -104.05	131.39 2.51 -103.84	147.14 2.15 -123.70	114.31 2.29 -90.90	114.67 1.67 -96.88	109.06 -0.21 -111.38	103.07 1.82 -83.44	153.78 5.35 -88.63	115.90 8.63 -8.57	179.98 14.17 0.00	213.68 16.75 0.00	303.68 22.79 0.00	88.08 5.21 -28.26	85.29 1.49 -67.11	91.90 3.72 -41.45
RAVENSWOOD___3 23535	109.63 -0.63 -118.39	127.79 -0.90 -140.84	117.96 -1.62 -142.53	104.76 -0.94 -118.62	119.68 -1.06 -135.36	109.23 0.43 -103.53	113.93 1.38 -96.50	138.73 1.83 -115.78	133.10 1.53 -114.51	125.20 1.80 -104.05	131.32 2.44 -103.84	147.09 2.10 -123.70	114.25 2.23 -90.90	114.63 1.64 -96.88	109.06 -0.21 -111.38	103.02 1.77 -83.44	153.66 5.22 -88.63	115.66 8.39 -8.57	179.64 13.83 0.00	213.36 16.43 0.00	303.23 22.34 0.00	87.93 5.07 -28.26	85.25 1.46 -67.11	91.82 3.64 -41.45
RAVENSWOOD___4 23820	109.63 -0.64 -118.39	127.79 -0.90 -140.84	117.94 -1.64 -142.53	104.74 -0.96 -118.62	119.67 -1.07 -135.36	109.24 0.44 -103.53	113.95 1.41 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.25 1.85 -104.05	131.39 2.51 -103.84	147.14 2.15 -123.70	114.31 2.29 -90.90	114.67 1.67 -96.88	109.06 -0.21 -111.38	103.07 1.82 -83.44	153.78 5.35 -88.63	115.90 8.63 -8.57	179.98 14.17 0.00	213.68 16.75 0.00	303.68 22.79 0.00	88.08 5.21 -28.26	85.29 1.49 -67.11	91.90 3.72 -41.45
RCPL_TRUST___DRP 24196	109.62 -0.63 -118.37	127.78 -0.89 -140.82	117.95 -1.61 -142.51	104.75 -0.93 -118.60	119.67 -1.05 -135.34	109.21 0.43 -103.51	113.91 1.37 -96.49	138.70 1.82 -115.76	133.08 1.53 -114.49	125.18 1.80 -104.04	131.30 2.44 -103.82	147.06 2.10 -123.68	114.23 2.22 -90.89	114.62 1.63 -96.87	109.05 -0.21 -111.37	103.01 1.77 -83.43	153.64 5.22 -88.62	115.63 8.36 -8.57	179.58 13.77 0.00	213.26 16.33 0.00	303.21 22.32 0.00	87.90 5.04 -28.26	85.23 1.45 -67.10	91.80 3.62 -41.44
RED___ROCHESTER 323720	6.68 0.11 -14.69	5.52 0.20 -17.48	-4.82 0.45 -17.69	2.01 0.20 -14.72	2.42 0.24 -16.80	18.08 -0.04 -12.85	27.88 -0.15 -11.98	35.41 -0.24 -14.53	31.18 -0.25 -14.37	32.18 -0.22 -13.06	37.73 -0.34 -13.03	36.44 -0.37 -15.53	32.09 -0.43 -11.41	27.93 -0.35 -12.16	11.91 0.04 -13.98	27.95 -0.33 -10.47	69.63 -1.30 -11.12	96.85 -2.92 -1.08	161.11 -4.69 0.00	190.47 -6.46 0.00	271.87 -9.02 0.00	56.15 -2.00 -3.55	24.46 -0.64 -8.42	50.05 -1.88 -5.20
RENSSELAER___COGEN 23796	147.79 -0.59 -156.50	173.20 -0.83 -186.18	163.90 -1.56 -188.42	142.99 -0.89 -156.80	163.33 -0.99 -178.94	142.48 0.36 -136.85	144.69 1.06 -127.59	175.79 1.29 -153.38	169.73 0.97 -151.69	158.32 1.13 -137.84	164.01 1.42 -137.56	186.33 1.17 -163.87	142.72 1.18 -120.43	145.48 1.02 -128.35	145.31 -0.13 -147.55	129.46 1.10 -110.54	180.50 3.28 -117.41	115.64 5.58 -11.36	175.03 9.23 0.00	207.89 10.96 0.00	295.78 14.90 0.00	95.10 3.05 -37.44	106.67 1.08 -88.90	104.85 3.20 -54.91
REVERE_CPPR_DRP 24186	-4.79 -0.30 -3.63	-8.31 -0.47 -4.32	-19.46 -0.87 -4.37	-9.78 -0.50 -3.64	-11.08 -0.62 -4.15	8.71 0.26 -3.18	19.77 0.85 -2.87	24.46 1.14 -2.19	20.16 0.93 -2.17	22.43 1.12 -1.97	28.35 1.34 -1.97	24.72 1.09 -2.34	23.84 1.01 -1.72	18.68 0.74 -1.83	-0.09 -0.09 -2.11	20.28 0.89 -1.58	64.90 3.41 -1.68	104.82 5.96 -0.16	176.87 9.99 -1.08	208.47 11.54 0.00	297.28 16.39 0.00	58.12 2.99 -0.53	18.79 0.84 -1.26	49.60 2.09 -0.78
RIVERBAY____ 323610	109.45 -0.82 -118.39	127.49 -1.20 -140.84	117.40 -2.18 -142.53	104.43 -1.28 -118.62	119.31 -1.43 -135.36	109.37 0.58 -103.53	114.34 1.80 -96.50	139.30 2.40 -115.78	133.51 1.94 -114.51	125.66 2.26 -104.05	131.91 3.03 -103.84	147.25 2.27 -123.70	114.36 2.34 -90.90	114.94 1.94 -96.88	109.02 -0.25 -111.38	103.39 2.14 -83.44	155.00 6.56 -88.63	117.92 10.66 -8.57	183.01 17.20 0.00	216.95 20.02 0.00	308.17 27.28 0.00	88.96 6.09 -28.26	85.57 1.77 -67.11	92.72 4.54 -41.45
ROARING___BROOK_WT_PWR 323790	-15.08 0.04 7.00	-20.43 0.05 8.32	-31.30 0.08 8.42	-19.88 0.05 7.01	-22.57 0.05 8.00	-0.95 -0.11 6.12	10.11 -0.23 5.71	13.93 -0.29 6.90	9.99 -0.24 6.82	12.88 -0.26 6.20	18.61 -0.24 6.19	13.70 -0.22 7.37	15.32 -0.37 5.42	10.06 -0.28 5.77	-8.74 0.01 6.64	12.71 -0.13 4.97	54.39 -0.13 5.28	98.00 -0.19 0.51	165.55 -0.25 0.00	196.45 -0.47 0.00	280.08 -0.81 0.00	52.46 -0.46 1.68	12.46 -0.23 4.00	43.53 -0.73 2.47
ROCHESTER_9_IC 23652	6.72 0.15 -14.69	5.58 0.26 -17.48	-4.71 0.55 -17.69	2.06 0.26 -14.72	2.49 0.31 -16.80	18.05 -0.07 -12.85	27.79 -0.23 -11.98	35.28 -0.37 -14.53	31.08 -0.36 -14.37	32.06 -0.34 -13.06	37.58 -0.49 -13.03	36.30 -0.51 -15.53	31.95 -0.57 -11.41	27.83 -0.44 -12.16	11.92 0.06 -13.98	27.84 -0.44 -10.47	69.26 -1.66 -11.12	96.21 -3.56 -1.08	159.99 -5.81 0.00	189.27 -7.66 0.00	270.12 -10.77 0.00	55.82 -2.33 -3.55	24.37 -0.74 -8.42	49.79 -2.14 -5.20



ROSETON___1 23587	109.96 -0.56 -118.63	128.18 -0.81 -141.14	118.41 -1.47 -142.83	105.10 -0.85 -118.86	120.07 -0.95 -135.64	109.38 0.38 -103.74	113.94 1.19 -96.70	138.72 1.57 -116.02	133.12 1.31 -114.75	125.15 1.53 -104.27	131.16 2.06 -104.06	147.00 1.76 -123.96	114.05 1.84 -91.10	114.56 1.36 -97.09	109.34 -0.17 -111.62	102.89 1.46 -83.62	153.14 4.52 -88.82	114.58 7.29 -8.59	177.92 12.11 0.00	211.27 14.34 0.00	300.52 19.63 0.00	87.21 4.28 -28.32	85.18 1.24 -67.25	91.42 3.15 -41.53
ROSETON___2 23588	109.96 -0.56 -118.63	128.18 -0.81 -141.14	118.41 -1.47 -142.83	105.10 -0.85 -118.86	120.07 -0.95 -135.64	109.38 0.38 -103.74	113.94 1.19 -96.70	138.72 1.57 -116.02	133.12 1.31 -114.75	125.15 1.53 -104.27	131.16 2.06 -104.06	147.00 1.76 -123.96	114.05 1.84 -91.10	114.56 1.36 -97.09	109.34 -0.17 -111.62	102.89 1.46 -83.62	153.14 4.52 -88.82	114.58 7.29 -8.59	177.92 12.11 0.00	211.27 14.34 0.00	300.52 19.63 0.00	87.21 4.28 -28.32	85.18 1.24 -67.25	91.42 3.15 -41.53
RUSSELL___1 23602	6.68 0.11 -14.69	5.52 0.20 -17.48	-4.82 0.45 -17.69	2.01 0.20 -14.72	2.42 0.24 -16.80	18.08 -0.04 -12.85	27.88 -0.15 -11.98	35.41 -0.24 -14.53	31.18 -0.25 -14.37	32.18 -0.22 -13.06	37.73 -0.34 -13.03	36.44 -0.37 -15.53	32.09 -0.43 -11.41	27.93 -0.35 -12.16	11.91 0.04 -13.98	27.95 -0.33 -10.47	69.63 -1.30 -11.12	96.85 -2.92 -1.08	161.11 -4.69 0.00	190.47 -6.46 0.00	271.87 -9.02 0.00	56.15 -2.00 -3.55	24.46 -0.64 -8.42	50.05 -1.88 -5.20
RUSSELL___2 23532	6.68 0.11 -14.69	5.52 0.20 -17.48	-4.82 0.45 -17.69	2.01 0.20 -14.72	2.42 0.24 -16.80	18.08 -0.04 -12.85	27.88 -0.15 -11.98	35.41 -0.24 -14.53	31.18 -0.25 -14.37	32.18 -0.22 -13.06	37.73 -0.34 -13.03	36.44 -0.37 -15.53	32.09 -0.43 -11.41	27.93 -0.35 -12.16	11.91 0.04 -13.98	27.95 -0.33 -10.47	69.63 -1.30 -11.12	96.85 -2.92 -1.08	161.11 -4.69 0.00	190.47 -6.46 0.00	271.87 -9.02 0.00	56.15 -2.00 -3.55	24.46 -0.64 -8.42	50.05 -1.88 -5.20
RUSSELL___3 23549	6.68 0.11 -14.69	5.52 0.20 -17.48	-4.82 0.45 -17.69	2.01 0.20 -14.72	2.42 0.24 -16.80	18.08 -0.04 -12.85	27.88 -0.15 -11.98	35.41 -0.24 -14.53	31.18 -0.25 -14.37	32.18 -0.22 -13.06	37.73 -0.34 -13.03	36.44 -0.37 -15.53	32.09 -0.43 -11.41	27.93 -0.35 -12.16	11.91 0.04 -13.98	27.95 -0.33 -10.47	69.63 -1.30 -11.12	96.85 -2.92 -1.08	161.11 -4.69 0.00	190.47 -6.46 0.00	271.87 -9.02 0.00	56.15 -2.00 -3.55	24.46 -0.64 -8.42	50.05 -1.88 -5.20
RUSSELL___4 23556	6.68 0.11 -14.69	5.52 0.20 -17.48	-4.82 0.45 -17.69	2.01 0.20 -14.72	2.42 0.24 -16.80	18.08 -0.04 -12.85	27.88 -0.15 -11.98	35.41 -0.24 -14.53	31.18 -0.25 -14.37	32.18 -0.22 -13.06	37.73 -0.34 -13.03	36.44 -0.37 -15.53	32.09 -0.43 -11.41	27.93 -0.35 -12.16	11.91 0.04 -13.98	27.95 -0.33 -10.47	69.63 -1.30 -11.12	96.85 -2.92 -1.08	161.11 -4.69 0.00	190.47 -6.46 0.00	271.87 -9.02 0.00	56.15 -2.00 -3.55	24.46 -0.64 -8.42	50.05 -1.88 -5.20
RUSSELL___STATION 23914	6.68 0.11 -14.69	5.52 0.20 -17.48	-4.82 0.45 -17.69	2.01 0.20 -14.72	2.42 0.24 -16.80	18.08 -0.04 -12.85	27.88 -0.15 -11.98	35.41 -0.24 -14.53	31.18 -0.25 -14.37	32.18 -0.22 -13.06	37.73 -0.34 -13.03	36.44 -0.37 -15.53	32.09 -0.43 -11.41	27.93 -0.35 -12.16	11.91 0.04 -13.98	27.95 -0.33 -10.47	69.63 -1.30 -11.12	96.85 -2.92 -1.08	161.11 -4.69 0.00	190.47 -6.46 0.00	271.87 -9.02 0.00	56.15 -2.00 -3.55	24.46 -0.64 -8.42	50.05 -1.88 -5.20
S SALMON___HYD 24043	0.05 0.11 -8.06	-2.39 0.17 -9.59	-12.82 0.43 -9.71	-4.66 0.17 -8.08	-5.23 0.18 -9.22	12.29 -0.03 -7.05	22.56 -0.06 -6.58	28.89 -0.09 -7.87	24.83 -0.01 -7.78	26.40 -0.01 -7.07	32.08 -0.01 -7.06	29.72 0.03 -8.40	27.29 0.00 -6.17	22.69 -0.01 -6.58	5.46 0.00 -7.57	23.50 0.02 -5.67	65.75 -0.08 -6.02	99.29 0.02 -0.58	167.60 0.51 -1.28	197.25 0.32 0.00	281.28 0.39 0.00	56.46 -0.06 -1.92	21.20 -0.04 -4.55	49.06 -0.49 -2.81
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	11.56 0.35 -19.33	11.39 0.54 -23.00	1.45 1.13 -23.28	7.02 0.56 -19.37	8.16 0.68 -22.11	21.98 -0.20 -16.91	31.08 -0.72 -15.75	39.21 -1.04 -19.13	35.02 -0.97 -18.92	35.53 -1.01 -17.20	40.80 -1.40 -17.16	40.42 -1.31 -20.44	34.82 -1.31 -15.02	31.10 -1.02 -16.01	16.43 0.13 -18.41	30.56 -1.05 -13.79	70.63 -3.83 -14.65	92.44 -7.67 -1.42	153.27 -12.53 0.00	180.82 -16.11 0.00	258.63 -22.26 0.00	54.62 -4.65 -4.67	26.29 -1.49 -11.09	49.54 -4.04 -6.85
SELKIRK___I 23801	133.22 -0.50 -141.84	155.88 -0.72 -168.75	146.47 -1.35 -170.77	128.43 -0.77 -142.12	146.71 -0.85 -162.18	129.61 0.30 -124.03	132.56 0.88 -115.63	161.07 1.10 -138.84	155.24 0.86 -137.32	145.13 1.01 -124.79	150.81 1.25 -124.53	170.67 1.04 -148.34	131.17 1.05 -109.02	133.18 0.88 -116.19	131.35 -0.11 -133.57	118.82 0.94 -100.07	169.01 2.92 -106.29	113.85 4.87 -10.28	173.95 8.15 0.00	206.71 9.78 0.00	294.24 13.35 0.00	91.20 2.70 -33.89	98.08 0.91 -80.48	99.08 2.64 -49.70
SELKIRK___II 23799	144.28 -0.53 -152.92	169.01 -0.77 -181.94	159.72 -1.45 -184.12	139.48 -0.83 -153.22	159.32 -0.91 -174.85	139.33 0.34 -133.72	141.71 0.99 -124.67	172.15 1.24 -149.79	166.18 0.97 -148.15	155.09 1.12 -134.62	160.82 1.43 -134.35	182.52 1.20 -160.04	139.93 1.20 -117.61	142.45 0.99 -125.35	141.87 -0.13 -144.10	126.84 1.07 -107.95	177.76 3.28 -114.67	115.22 5.43 -11.09	174.87 9.06 0.00	207.71 10.78 0.00	295.51 14.62 0.00	94.23 3.06 -36.56	104.52 1.01 -86.83	103.24 2.88 -53.62
SENECA OSWGO___HYD 24041	1.47 0.11 -9.48	-0.70 0.18 -11.27	-11.17 0.38 -11.41	-3.23 0.19 -9.49	-3.58 0.21 -10.83	13.49 -0.06 -8.29	23.58 -0.20 -7.73	30.18 -0.27 -9.33	26.06 -0.23 -9.23	27.46 -0.27 -8.38	33.07 -0.34 -8.37	30.99 -0.26 -9.97	28.14 -0.29 -7.32	23.73 -0.19 -7.81	6.89 0.02 -8.97	24.33 -0.20 -6.72	66.00 -0.95 -7.14	97.62 -1.77 -0.69	163.20 -3.01 -0.40	193.12 -3.81 0.00	275.24 -5.65 0.00	55.73 -1.15 -2.28	21.75 -0.33 -5.40	48.84 -1.23 -3.34
SENECA___ENERGY 23797	7.39 0.05 -15.45	6.33 0.09 -18.39	-4.11 0.24 -18.61	2.68 0.11 -15.48	3.15 0.10 -17.67	18.78 0.00 -13.52	28.66 0.00 -12.61	36.50 0.02 -15.36	32.25 -0.01 -15.19	33.15 0.00 -13.80	38.82 0.00 -13.78	37.67 -0.03 -16.41	33.11 -0.06 -12.06	28.93 -0.04 -12.85	12.67 0.00 -14.78	28.87 -0.01 -11.07	71.34 -0.23 -11.76	98.85 -0.98 -1.14	164.34 -1.46 0.00	194.64 -2.29 0.00	277.34 -3.55 0.00	57.41 -0.94 -3.75	25.29 -0.30 -8.90	51.10 -1.13 -5.50
SHOEMAKER___GT 23640	99.77 -0.49 -108.38	116.07 -0.71 -128.94	106.22 -1.30 -130.48	94.92 -0.75 -108.58	108.44 -0.85 -123.91	100.37 0.34 -94.77	105.45 1.06 -88.34	128.52 1.40 -106.00	123.05 1.15 -104.83	115.94 1.34 -95.26	121.90 1.79 -95.07	136.06 1.53 -113.25	105.96 1.62 -83.23	106.00 1.19 -88.70	99.71 -0.15 -101.97	95.49 1.29 -76.39	144.92 3.97 -81.14	112.99 6.44 -7.85	176.53 10.73 0.00	209.68 12.75 0.00	298.65 17.76 0.00	84.27 3.79 -25.87	79.22 1.09 -61.44	87.42 2.74 -37.95
SHOREHAM_IC_1 23715	109.25 -1.04 -118.41	127.22 -1.50 -140.87	116.99 -2.62 -142.56	104.16 -1.56 -118.64	119.00 -1.77 -135.39	109.51 0.70 -103.55	114.76 2.19 -96.52	139.77 2.85 -115.80	133.70 2.10 -114.53	125.77 2.36 -104.07	132.99 3.25 -104.70	156.78 2.85 -132.64	124.05 2.96 -99.98	115.20 2.17 -96.91	109.01 -0.28 -111.41	107.08 2.54 -86.73	159.91 8.10 -92.01	145.63 12.49 -34.43	212.94 19.41 -27.72	215.66 18.73 0.00	304.46 23.57 0.00	89.42 6.55 -28.26	85.79 1.98 -67.12	93.54 5.35 -41.45



SHOREHAM_IC_2 23716	109.25 -1.04 -118.41	127.22 -1.50 -140.87	116.99 -2.62 -142.56	104.16 -1.56 -118.64	119.00 -1.77 -135.39	109.51 0.70 -103.55	114.76 2.19 -96.52	139.77 2.85 -115.80	133.70 2.10 -114.53	125.77 2.36 -104.07	132.99 3.25 -104.70	156.78 2.85 -132.64	124.05 2.96 -99.98	115.20 2.17 -96.91	109.01 -0.28 -111.41	107.08 2.54 -86.73	159.91 8.10 -92.01	145.63 12.49 -34.43	212.94 19.41 -27.72	215.66 18.73 0.00	304.46 23.57 0.00	89.42 6.55 -28.26	85.79 1.98 -67.12	93.54 5.35 -41.45
SISSONVILLE____ 23735	-7.90 0.22 0.00	-11.85 0.30 0.00	-22.45 0.51 0.00	-12.59 0.33 0.00	-14.29 0.33 0.00	5.15 -0.12 0.00	15.64 -0.40 0.00	20.60 -0.52 0.00	16.75 -0.32 0.00	18.94 -0.40 0.00	24.42 -0.61 0.00	20.75 -0.53 0.00	20.57 -0.54 0.00	15.65 -0.46 0.00	-2.04 0.07 0.00	17.21 -0.60 0.00	58.19 -1.62 0.00	97.46 -1.24 0.00	176.73 -1.12 -12.04	197.49 0.55 -0.01	284.20 3.32 0.00	54.73 0.13 0.00	16.70 0.02 0.00	47.48 0.75 0.00
SITHE_IND_GS1 24169	-0.25 0.23 -7.64	-2.72 0.35 -9.09	-13.08 0.68 -9.19	-4.89 0.37 -7.65	-5.47 0.42 -8.73	11.81 -0.14 -6.68	21.82 -0.45 -6.23	28.05 -0.62 -7.55	24.02 -0.52 -7.46	25.53 -0.60 -6.78	31.04 -0.76 -6.77	28.73 -0.63 -8.07	26.37 -0.67 -5.93	21.97 -0.45 -6.32	5.21 0.06 -7.26	22.74 -0.51 -5.44	63.62 -1.96 -5.78	95.74 -3.52 -0.56	159.91 -5.89 0.00	189.77 -7.17 0.00	270.57 -10.32 0.00	54.42 -2.02 -1.84	20.48 -0.58 -4.37	47.57 -1.87 -2.70
SITHE_IND_GS2 24170	-0.25 0.23 -7.64	-2.72 0.35 -9.09	-13.08 0.68 -9.19	-4.89 0.37 -7.65	-5.47 0.42 -8.73	11.81 -0.14 -6.68	21.82 -0.45 -6.23	28.05 -0.62 -7.55	24.02 -0.52 -7.46	25.53 -0.60 -6.78	31.04 -0.76 -6.77	28.73 -0.63 -8.07	26.37 -0.67 -5.93	21.97 -0.45 -6.32	5.21 0.06 -7.26	22.74 -0.51 -5.44	63.62 -1.96 -5.78	95.74 -3.52 -0.56	159.91 -5.89 0.00	189.77 -7.17 0.00	270.57 -10.32 0.00	54.42 -2.02 -1.84	20.48 -0.58 -4.37	47.57 -1.87 -2.70
SITHE_IND_GS3 24171	-0.25 0.23 -7.64	-2.72 0.35 -9.09	-13.08 0.68 -9.19	-4.89 0.37 -7.65	-5.47 0.42 -8.73	11.81 -0.14 -6.68	21.82 -0.45 -6.23	28.05 -0.62 -7.55	24.02 -0.52 -7.46	25.53 -0.60 -6.78	31.04 -0.76 -6.77	28.73 -0.63 -8.07	26.37 -0.67 -5.93	21.97 -0.45 -6.32	5.21 0.06 -7.26	22.74 -0.51 -5.44	63.62 -1.96 -5.78	95.74 -3.52 -0.56	159.91 -5.89 0.00	189.77 -7.17 0.00	270.57 -10.32 0.00	54.42 -2.02 -1.84	20.48 -0.58 -4.37	47.57 -1.87 -2.70
SITHE_IND_GS4 24172	-0.25 0.23 -7.64	-2.72 0.35 -9.09	-13.08 0.68 -9.19	-4.89 0.37 -7.65	-5.47 0.42 -8.73	11.81 -0.14 -6.68	21.82 -0.45 -6.23	28.05 -0.62 -7.55	24.02 -0.52 -7.46	25.53 -0.60 -6.78	31.04 -0.76 -6.77	28.73 -0.63 -8.07	26.37 -0.67 -5.93	21.97 -0.45 -6.32	5.21 0.06 -7.26	22.74 -0.51 -5.44	63.62 -1.96 -5.78	95.74 -3.52 -0.56	159.91 -5.89 0.00	189.77 -7.17 0.00	270.57 -10.32 0.00	54.42 -2.02 -1.84	20.48 -0.58 -4.37	47.57 -1.87 -2.70
SITHE____BATAVIA 24024	9.16 0.15 -17.14	8.48 0.25 -20.39	-1.75 0.57 -20.63	4.51 0.25 -17.17	5.28 0.31 -19.60	20.18 -0.08 -14.98	29.70 -0.31 -13.97	37.59 -0.48 -16.94	33.34 -0.48 -16.76	34.11 -0.46 -15.23	39.54 -0.69 -15.20	38.68 -0.71 -18.10	33.66 -0.75 -13.30	29.68 -0.61 -14.18	14.27 0.08 -16.30	29.43 -0.59 -12.21	70.55 -2.22 -12.97	95.24 -4.71 -1.25	158.28 -7.52 0.00	186.83 -10.10 0.00	266.98 -13.91 0.00	55.63 -3.11 -4.14	25.47 -1.04 -9.82	49.94 -2.86 -6.06
SITHE____INDEPEND 23800	-0.25 0.23 -7.64	-2.72 0.35 -9.09	-13.08 0.68 -9.19	-4.89 0.37 -7.65	-5.47 0.42 -8.73	11.81 -0.14 -6.68	21.82 -0.45 -6.23	28.05 -0.62 -7.55	24.02 -0.52 -7.46	25.53 -0.60 -6.78	31.04 -0.76 -6.77	28.73 -0.63 -8.07	26.37 -0.67 -5.93	21.97 -0.45 -6.32	5.21 0.06 -7.26	22.74 -0.51 -5.44	63.62 -1.96 -5.78	95.74 -3.52 -0.56	159.91 -5.89 0.00	189.77 -7.17 0.00	270.57 -10.32 0.00	54.42 -2.02 -1.84	20.48 -0.58 -4.37	47.57 -1.87 -2.70
SITHE____MASSENA 23902	-7.88 0.23 0.00	-11.82 0.34 0.00	-22.36 0.59 0.00	-12.55 0.37 0.00	-14.22 0.40 0.00	5.11 -0.16 0.00	15.54 -0.50 0.00	20.49 -0.63 0.00	16.62 -0.45 0.00	18.79 -0.56 0.00	24.25 -0.79 0.00	20.62 -0.67 0.00	20.45 -0.67 0.00	15.56 -0.55 0.00	-2.03 0.08 0.00	17.18 -0.63 0.00	58.23 -1.58 0.00	97.37 -1.33 0.00	175.72 -2.10 -12.01	195.15 -1.79 -0.01	279.53 -1.36 0.00	53.86 -0.74 0.00	16.46 -0.23 0.00	46.80 0.07 0.00
SITHE____OGDNSBRG 24021	-7.98 0.15 0.00	-11.96 0.19 0.00	-22.62 0.33 0.00	-12.69 0.22 0.00	-14.40 0.22 0.00	5.19 -0.08 0.00	15.80 -0.24 0.00	20.85 -0.27 0.00	16.92 -0.14 0.00	19.12 -0.22 0.00	24.66 -0.38 0.00	20.97 -0.32 0.00	20.79 -0.32 0.00	15.81 -0.31 0.00	-2.06 0.05 0.00	17.42 -0.39 0.00	59.15 -0.66 0.00	99.14 0.44 0.00	179.03 1.20 -12.03	199.49 2.56 -0.01	286.24 5.35 0.00	55.02 0.42 0.00	16.79 0.10 0.00	47.78 1.04 0.00
SITHE____STERLING 23777	-3.46 -0.23 -4.89	-6.70 -0.36 -5.82	-17.75 -0.69 -5.89	-8.42 -0.40 -4.90	-9.52 -0.49 -5.59	9.76 0.21 -4.28	20.59 0.68 -3.87	25.11 0.90 -3.08	20.81 0.70 -3.05	22.98 0.87 -2.77	28.93 1.12 -2.77	25.49 0.91 -3.30	24.38 0.85 -2.42	19.31 0.62 -2.58	0.79 -0.07 -2.97	20.73 0.69 -2.22	64.76 2.60 -2.36	103.48 4.56 -0.23	173.93 7.38 -0.74	205.47 8.54 0.00	292.96 12.08 0.00	57.57 2.22 -0.75	19.09 0.62 -1.78	49.31 1.48 -1.10
SOUTH CAIRO____GT 23612	120.69 -0.72 -129.53	140.90 -1.05 -154.10	131.05 -1.95 -155.94	115.75 -1.11 -129.78	132.22 -1.25 -148.10	119.01 0.48 -113.26	123.12 1.49 -105.59	149.82 1.95 -126.75	143.99 1.57 -125.36	135.07 1.81 -113.91	141.07 2.35 -113.68	158.67 1.97 -135.42	122.52 1.89 -99.52	123.65 1.48 -106.07	119.64 -0.19 -121.94	110.80 1.64 -91.35	162.32 5.49 -97.03	117.36 9.28 -9.38	181.52 15.71 0.00	215.45 18.52 0.00	306.39 25.50 0.00	90.63 5.09 -30.94	91.70 1.55 -73.47	96.28 4.17 -45.37
SOUTH HAMPTN____IC 23720	109.16 -1.13 -118.41	127.08 -1.63 -140.87	116.72 -2.89 -142.56	104.01 -1.71 -118.64	118.81 -1.95 -135.39	109.58 0.77 -103.55	114.98 2.41 -96.52	140.07 3.14 -115.80	133.93 2.34 -114.53	126.04 2.62 -104.07	133.33 3.58 -104.70	157.06 3.13 -132.64	124.32 3.24 -99.98	115.40 2.38 -96.91	108.98 -0.31 -111.41	107.32 2.78 -86.73	160.79 8.97 -92.01	147.05 13.92 -34.43	215.21 21.69 -27.72	219.79 22.86 0.00	311.39 30.50 0.00	90.25 7.38 -28.26	86.01 2.20 -67.12	94.11 5.92 -41.45
SOUTHOLD____IC 23719	109.03 -1.25 -118.41	126.90 -1.82 -140.87	116.37 -3.23 -142.56	103.80 -1.92 -118.64	118.58 -2.19 -135.39	109.68 0.86 -103.55	115.28 2.72 -96.52	140.49 3.57 -115.80	134.28 2.69 -114.53	126.39 2.97 -104.07	133.76 4.02 -104.70	157.43 3.50 -132.64	124.67 3.58 -99.98	115.65 2.63 -96.91	108.95 -0.35 -111.41	107.64 3.10 -86.73	161.97 10.16 -92.01	149.05 15.92 -34.43	217.44 23.92 -27.72	219.71 22.78 0.00	314.75 33.86 0.00	91.31 8.44 -28.26	86.31 2.50 -67.12	94.90 6.71 -41.45
ST LAWRENCE____ 23600	-7.85 0.27 0.00	-11.76 0.39 0.00	-22.25 0.70 0.00	-12.49 0.42 0.00	-14.16 0.47 0.00	5.09 -0.19 0.00	15.47 -0.58 0.00	20.38 -0.74 0.00	16.50 -0.57 0.00	18.65 -0.69 0.00	24.08 -0.96 0.00	20.49 -0.80 0.00	20.32 -0.80 0.00	15.47 -0.65 0.00	-2.02 0.09 0.00	17.08 -0.73 0.00	57.91 -1.90 0.00	96.13 -2.57 0.00	160.47 -4.29 1.05	192.36 -4.57 0.00	275.32 -5.57 0.00	53.33 -1.27 0.00	16.29 -0.39 0.00	46.12 -0.62 0.00



STATION 5_MISC_HYD 23604	6.72 0.15 -14.69	5.58 0.26 -17.48	-4.71 0.55 -17.69	2.06 0.26 -14.72	2.49 0.31 -16.80	18.05 -0.07 -12.85	27.79 -0.23 -11.98	35.28 -0.37 -14.53	31.08 -0.36 -14.37	32.06 -0.34 -13.06	37.58 -0.49 -13.03	36.30 -0.51 -15.53	31.95 -0.57 -11.41	27.83 -0.44 -12.16	11.92 0.06 -13.98	27.84 -0.44 -10.47	69.26 -1.66 -11.12	96.21 -3.56 -1.08	159.99 -5.81 0.00	189.27 -7.66 0.00	270.12 -10.77 0.00	55.82 -2.33 -3.55	24.37 -0.74 -8.42	49.79 -2.14 -5.20
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	6.60 0.03 -14.69	5.40 0.07 -17.48	-5.06 0.20 -17.69	1.88 0.07 -14.72	2.26 0.08 -16.80	18.14 0.02 -12.84	28.08 0.05 -11.98	35.74 0.07 -14.55	31.47 0.02 -14.39	32.48 0.07 -13.07	38.12 0.04 -13.05	36.81 -0.03 -15.54	32.46 -0.08 -11.42	28.22 -0.07 -12.17	11.89 0.01 -13.99	28.28 -0.02 -10.48	70.74 -0.20 -11.14	98.75 -1.03 -1.08	164.26 -1.55 0.00	194.47 -2.46 0.00	277.28 -3.61 0.00	57.16 -0.99 -3.55	24.78 -0.34 -8.43	50.78 -1.16 -5.21
STA_56_34_KV_BUS2_REV_LBMP_B 345033	6.63 0.18 -14.57	5.48 0.30 -17.33	-4.78 0.63 -17.54	1.99 0.31 -14.60	2.39 0.36 -16.66	17.93 -0.08 -12.74	27.64 -0.29 -11.88	35.11 -0.42 -14.41	30.92 -0.39 -14.25	31.91 -0.39 -12.95	37.41 -0.55 -12.92	36.13 -0.55 -15.39	31.83 -0.60 -11.31	27.70 -0.47 -12.06	11.81 0.06 -13.86	27.72 -0.47 -10.39	69.06 -1.78 -11.03	96.10 -3.66 -1.07	159.82 -5.98 0.00	189.09 -7.84 0.00	269.84 -11.05 0.00	55.71 -2.41 -3.52	24.28 -0.76 -8.35	49.67 -2.23 -5.16
STEEL___WIND 323596	12.39 0.28 -20.24	12.36 0.44 -24.07	2.36 0.95 -24.36	7.83 0.47 -20.27	9.08 0.56 -23.14	22.81 -0.16 -17.69	31.96 -0.57 -16.48	40.48 -0.76 -20.12	36.22 -0.74 -19.90	36.67 -0.75 -18.08	42.04 -1.04 -18.04	41.78 -1.00 -21.50	35.95 -0.96 -15.80	32.20 -0.75 -16.83	17.34 0.10 -19.35	31.58 -0.73 -14.50	72.41 -2.80 -15.40	94.24 -5.94 -1.49	156.26 -9.54 0.00	184.18 -12.75 0.00	263.06 -17.83 0.00	55.62 -3.89 -4.91	27.05 -1.29 -11.66	50.39 -3.55 -7.20
STEBEN_REC_LFGE 323667	18.23 0.09 -26.27	19.20 0.10 -31.25	9.08 0.42 -31.62	13.61 0.21 -26.32	15.58 0.17 -30.03	28.23 -0.01 -22.97	37.40 -0.09 -21.45	47.16 -0.05 -26.09	42.84 -0.03 -25.80	42.85 0.06 -23.45	48.50 0.06 -23.40	49.07 -0.09 -27.88	41.53 -0.06 -20.49	37.96 0.01 -21.83	22.98 -0.01 -25.10	36.88 0.27 -18.80	80.54 0.76 -19.97	101.10 0.47 -1.93	167.55 1.75 0.00	197.82 0.89 0.00	281.34 0.45 0.00	60.23 -0.74 -6.37	31.39 -0.41 -15.12	54.38 -1.70 -9.34
STONY___BROOK 24151	109.33 -0.96 -118.41	127.33 -1.39 -140.87	117.19 -2.41 -142.56	104.28 -1.44 -118.64	119.14 -1.63 -135.39	109.46 0.64 -103.55	114.57 2.01 -96.52	139.55 2.63 -115.80	133.52 1.93 -114.53	125.61 2.20 -104.07	132.80 3.05 -104.70	156.62 2.70 -132.64	123.92 2.83 -99.98	115.10 2.08 -96.91	109.03 -0.27 -111.41	106.93 2.39 -86.73	159.27 7.46 -92.01	144.85 11.72 -34.43	211.83 18.31 -27.72	216.92 19.99 0.00	306.44 25.55 0.00	88.88 6.01 -28.26	85.61 1.80 -67.12	93.08 4.89 -41.45
STURGEON_POOL_HYD 23609	111.83 -0.57 -120.52	130.40 -0.83 -143.38	120.63 -1.51 -145.10	106.96 -0.88 -120.75	122.18 -0.99 -137.80	111.04 0.39 -105.38	115.52 1.24 -98.24	140.67 1.65 -117.89	135.04 1.38 -116.60	126.90 1.61 -105.95	132.94 2.17 -105.74	149.09 1.85 -125.96	115.59 1.92 -92.56	116.16 1.40 -98.65	111.13 -0.18 -113.42	104.29 1.52 -84.97	154.81 4.76 -90.25	115.18 7.76 -8.73	178.77 12.97 0.00	212.27 15.34 0.00	301.92 21.03 0.00	87.90 4.52 -28.78	86.31 1.29 -68.34	92.17 3.23 -42.20
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	102.08 -0.51 -110.72	118.82 -0.75 -131.71	108.98 -1.36 -133.29	97.22 -0.78 -110.92	111.07 -0.89 -126.58	102.43 0.35 -96.81	107.41 1.12 -90.24	130.88 1.48 -108.28	125.37 1.22 -107.09	118.09 1.43 -97.31	124.08 1.92 -97.11	138.61 1.64 -115.69	107.87 1.74 -85.02	108.00 1.28 -90.61	101.90 -0.16 -104.17	97.22 1.37 -78.04	146.91 4.22 -82.89	113.51 6.80 -8.02	177.11 11.31 0.00	210.35 13.42 0.00	299.24 18.35 0.00	85.03 4.00 -26.43	80.59 1.14 -62.76	88.36 2.86 -38.76
SYNERGY___BIOGAS 323694	9.16 0.15 -17.14	8.48 0.25 -20.39	-1.75 0.57 -20.63	4.51 0.25 -17.17	5.28 0.31 -19.60	20.18 -0.08 -14.98	29.70 -0.31 -13.97	37.59 -0.48 -16.94	33.34 -0.48 -16.76	34.11 -0.46 -15.23	39.54 -0.69 -15.20	38.68 -0.71 -18.10	33.66 -0.75 -13.30	29.68 -0.61 -14.18	14.27 0.08 -16.30	29.43 -0.59 -12.21	70.55 -2.22 -12.97	95.24 -4.71 -1.25	158.28 -7.52 0.00	186.83 -10.10 0.00	266.98 -13.91 0.00	55.63 -3.11 -4.14	25.47 -1.04 -9.82	49.94 -2.86 -6.06
SYRACUSE___ENERGY_ST1 323597	4.02 0.01 -12.13	2.29 0.02 -14.43	-8.27 0.08 -14.60	-0.74 0.03 -12.15	-0.75 0.01 -13.87	15.88 0.01 -10.60	25.97 0.03 -9.90	33.20 0.04 -12.04	28.98 0.01 -11.91	30.17 0.01 -10.82	35.86 0.02 -10.80	34.19 0.04 -12.86	30.57 0.00 -9.45	26.22 0.04 -10.07	9.47 -0.01 -11.58	26.54 0.05 -8.68	68.92 -0.10 -9.22	99.17 -0.41 -0.89	165.10 -0.70 0.00	195.79 -1.14 0.00	279.13 -1.76 0.00	57.12 -0.43 -2.94	23.54 -0.12 -6.98	50.45 -0.59 -4.31
SYRACUSE___ENERGY_ST2 323598	4.02 0.01 -12.13	2.29 0.02 -14.43	-8.27 0.08 -14.60	-0.74 0.03 -12.15	-0.75 0.01 -13.87	15.88 0.01 -10.60	25.97 0.03 -9.90	33.20 0.04 -12.04	28.98 0.01 -11.91	30.17 0.01 -10.82	35.86 0.02 -10.80	34.19 0.04 -12.86	30.57 0.00 -9.45	26.22 0.04 -10.07	9.47 -0.01 -11.58	26.54 0.05 -8.68	68.92 -0.10 -9.22	99.17 -0.41 -0.89	165.10 -0.70 0.00	195.79 -1.14 0.00	279.13 -1.76 0.00	57.12 -0.43 -2.94	23.54 -0.12 -6.98	50.45 -0.59 -4.31
SYRACUSE___POWER 24017	4.45 0.01 -12.56	2.80 0.01 -14.94	-7.76 0.07 -15.12	-0.30 0.02 -12.58	-0.25 0.02 -14.36	16.26 0.01 -10.98	26.36 0.04 -10.27	33.93 0.06 -12.74	29.70 0.03 -12.60	30.83 0.04 -11.46	36.53 0.06 -11.43	34.97 0.06 -13.62	31.16 0.04 -10.01	26.83 0.06 -10.67	10.14 -0.01 -12.26	27.07 0.08 -9.19	69.53 -0.04 -9.76	99.29 -0.35 -0.94	165.55 -0.55 -0.29	195.98 -0.94 0.00	279.46 -1.43 0.00	57.38 -0.33 -3.11	23.97 -0.11 -7.39	50.72 -0.57 -4.56
TRIGEN___CC 323695	109.53 -0.76 -118.41	127.63 -1.09 -140.87	117.67 -1.93 -142.56	104.58 -1.14 -118.64	119.47 -1.29 -135.39	109.33 0.51 -103.55	114.19 1.62 -96.52	139.06 2.14 -115.80	133.24 1.65 -114.53	125.37 1.95 -104.07	132.44 2.70 -104.70	156.24 2.31 -132.64	123.53 2.44 -99.98	114.81 1.79 -96.91	109.07 -0.23 -111.41	106.50 1.96 -86.73	157.83 6.02 -92.01	142.80 9.67 -34.43	209.06 15.53 -27.72	214.57 17.64 0.00	304.44 23.55 0.00	88.27 5.40 -28.26	85.37 1.57 -67.12	92.33 4.14 -41.45
UNION___PROCESSING_DRP 323587	6.80 0.16 -14.76	5.68 0.27 -17.56	-4.60 0.58 -17.77	2.14 0.27 -14.79	2.58 0.33 -16.88	18.10 -0.07 -12.91	27.82 -0.26 -12.03	35.33 -0.39 -14.59	31.12 -0.38 -14.43	32.09 -0.37 -13.12	37.59 -0.54 -13.09	36.34 -0.54 -15.60	31.98 -0.60 -11.46	27.85 -0.48 -12.22	11.99 0.06 -14.04	27.86 -0.47 -10.52	69.20 -1.78 -11.17	96.06 -3.72 -1.08	159.76 -6.04 0.00	188.90 -8.03 0.00	269.66 -11.23 0.00	55.75 -2.42 -3.56	24.39 -0.76 -8.46	49.76 -2.20 -5.22
UPPER HUDSON___HYD 24058	160.01 -0.83 -168.96	187.66 -1.19 -201.01	178.24 -2.22 -203.42	155.12 -1.25 -169.29	177.15 -1.41 -193.19	153.56 0.54 -147.75	155.53 1.72 -137.76	189.23 2.36 -165.75	182.95 1.95 -163.93	170.50 2.20 -148.97	176.54 2.84 -148.66	200.71 2.33 -177.09	153.51 2.25 -130.15	156.47 1.65 -138.71	157.13 -0.23 -159.46	139.20 1.93 -119.46	193.86 7.17 -126.89	122.50 11.53 -12.27	184.71 18.91 0.00	219.47 22.54 0.00	311.85 30.96 0.00	101.07 6.00 -40.46	114.54 1.77 -96.08	110.88 4.81 -59.34



UPPER RAQUET___HYD 24056	-7.90 0.22 0.00	-11.85 0.30 0.00	-22.45 0.51 0.00	-12.59 0.33 0.00	-14.29 0.33 0.00	5.15 -0.12 0.00	15.64 -0.40 0.00	20.60 -0.52 0.00	16.75 -0.32 0.00	18.94 -0.40 0.00	24.42 -0.61 0.00	20.75 -0.53 0.00	20.57 -0.54 0.00	15.65 -0.46 0.00	-2.04 0.07 0.00	17.21 -0.60 0.00	58.19 -1.62 0.00	97.46 -1.24 0.00	176.73 -1.12 -12.04	197.49 0.55 -0.01	284.20 3.32 0.00	54.73 0.13 0.00	16.70 0.02 0.00	47.48 0.75 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.06 -0.41 -51.60	48.60 -0.64 -61.39	37.97 -1.20 -62.12	38.09 -0.69 -51.70	43.58 -0.79 -59.00	50.70 0.30 -45.12	59.07 0.94 -42.08	73.09 1.27 -50.70	68.24 1.03 -50.14	66.10 1.19 -45.56	72.08 1.32 -45.47	76.78 1.35 -54.17	62.27 1.35 -39.81	59.53 1.00 -42.42	46.53 -0.13 -48.77	55.44 1.09 -36.54	102.16 3.54 -38.81	108.11 5.67 -3.75	175.53 9.72 0.00	208.40 11.47 0.00	296.97 16.08 0.00	70.16 3.19 -12.37	46.98 0.91 -29.39	67.19 2.31 -18.15
VISCHER___FERRY HYD 24020	154.50 -0.68 -163.30	181.15 -0.98 -194.28	171.81 -1.84 -196.61	149.66 -1.05 -163.62	170.94 -1.15 -186.72	148.51 0.43 -142.80	150.53 1.31 -133.18	183.42 1.69 -160.61	177.29 1.38 -158.84	165.27 1.58 -144.34	171.11 2.03 -144.05	194.54 1.66 -171.60	148.85 1.63 -126.10	151.78 1.27 -134.40	152.23 -0.17 -154.51	134.97 1.40 -115.75	187.64 4.88 -122.95	118.63 8.04 -11.89	179.17 13.37 0.00	212.83 15.91 0.00	302.77 21.88 0.00	98.14 4.33 -39.21	111.12 1.34 -93.10	107.94 3.71 -57.50
V_CMM_10_SYNC_DSASP 323787	-7.88 0.24 0.00	-11.81 0.34 0.00	-22.34 0.61 0.00	-12.54 0.37 0.00	-14.21 0.41 0.00	5.10 -0.17 0.00	15.53 -0.51 0.00	20.47 -0.65 0.00	16.57 -0.50 0.00	18.72 -0.62 0.00	24.18 -0.86 0.00	20.57 -0.71 0.00	20.40 -0.71 0.00	15.53 -0.58 0.00	-2.03 0.08 0.00	17.15 -0.65 0.00	58.15 -1.66 0.00	96.52 -2.18 0.00	161.12 -3.63 1.05	193.14 -3.79 0.00	276.46 -4.43 0.00	53.52 -1.08 0.00	16.36 -0.33 0.00	46.29 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	-7.94 0.18 0.00	-12.00 0.15 0.00	-23.03 -0.07 0.00	-12.75 0.17 0.00	-14.58 0.04 0.00	5.19 -0.08 0.00	15.84 -0.20 0.00	21.05 -0.07 0.00	16.88 -0.18 0.00	19.02 -0.32 0.00	24.48 -0.56 0.00	20.75 -0.54 0.00	20.50 -0.61 0.00	15.56 -0.55 0.00	-2.00 0.11 0.00	17.08 -0.73 0.00	58.77 -1.03 0.00	97.31 -1.39 0.00	162.24 -1.29 2.28	199.24 2.31 0.00	288.17 7.28 0.00	55.86 1.26 0.00	17.11 0.43 0.00	48.35 1.62 0.00
V_F_30_SYNC_DSASP 323786	151.17 -0.63 -159.93	177.22 -0.89 -190.26	167.91 -1.68 -192.55	146.36 -0.96 -160.24	167.17 -1.07 -182.86	145.52 0.40 -139.85	147.61 1.18 -130.39	179.32 1.45 -156.75	173.20 1.11 -155.03	161.51 1.29 -140.88	167.24 1.62 -140.59	190.11 1.34 -167.47	145.55 1.36 -123.08	148.44 1.16 -131.17	148.54 -0.15 -150.80	132.04 1.26 -112.97	183.63 3.83 -120.00	116.78 6.48 -11.61	176.53 10.73 0.00	209.60 12.67 0.00	298.04 17.15 0.00	96.33 3.47 -38.26	108.75 1.20 -90.86	106.36 3.50 -56.12
V_XM_10_SYNC_DSASP 323789	-7.94 0.18 0.00	-12.00 0.15 0.00	-23.03 -0.07 0.00	-12.75 0.17 0.00	-14.58 0.04 0.00	5.19 -0.08 0.00	15.84 -0.20 0.00	21.05 -0.07 0.00	16.88 -0.18 0.00	19.02 -0.32 0.00	24.48 -0.56 0.00	20.75 -0.54 0.00	20.50 -0.61 0.00	15.56 -0.55 0.00	-2.00 0.11 0.00	17.08 -0.73 0.00	58.77 -1.03 0.00	97.31 -1.39 0.00	162.24 -1.29 2.28	199.24 2.31 0.00	288.17 7.28 0.00	55.86 1.26 0.00	17.11 0.43 0.00	48.35 1.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	105.69 -0.55 -114.36	123.10 -0.80 -136.05	113.28 -1.45 -137.68	100.82 -0.84 -114.57	115.18 -0.95 -130.75	105.65 0.38 -99.99	110.47 1.21 -93.21	134.56 1.60 -111.84	129.00 1.32 -110.61	121.42 1.56 -100.51	127.44 2.10 -100.31	142.57 1.80 -119.49	110.83 1.91 -87.81	111.11 1.41 -93.59	105.30 -0.18 -107.59	99.92 1.51 -80.60	149.96 4.54 -85.61	114.31 7.33 -8.28	177.98 12.18 0.00	211.43 14.50 0.00	300.51 19.62 0.00	86.23 4.32 -27.30	82.74 1.23 -64.83	89.86 3.09 -40.04
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	109.62 -0.63 -118.37	127.78 -0.89 -140.82	117.95 -1.61 -142.51	104.75 -0.93 -118.60	119.67 -1.05 -135.34	109.21 0.43 -103.51	113.91 1.37 -96.49	138.70 1.82 -115.76	133.08 1.53 -114.49	125.18 1.80 -104.04	131.31 2.45 -103.82	147.07 2.11 -123.68	114.24 2.23 -90.89	114.62 1.64 -96.87	109.05 -0.21 -111.37	103.01 1.77 -83.43	153.64 5.22 -88.62	115.65 8.38 -8.57	179.60 13.79 0.00	213.36 16.43 0.00	303.22 22.33 0.00	87.92 5.06 -28.26	85.24 1.45 -67.10	91.81 3.63 -41.44
WADING RIVER_IC_1 23522	109.25 -1.04 -118.41	127.22 -1.49 -140.87	116.99 -2.61 -142.56	104.16 -1.56 -118.64	119.00 -1.77 -135.39	109.51 0.70 -103.55	114.76 2.19 -96.52	139.77 2.85 -115.80	133.70 2.11 -114.53	125.78 2.37 -104.07	133.00 3.26 -104.70	156.78 2.86 -132.64	124.05 2.96 -99.98	115.20 2.18 -96.91	109.01 -0.28 -111.41	107.09 2.54 -86.73	159.92 8.10 -92.01	145.61 12.48 -34.43	212.92 19.40 -27.72	217.34 20.41 0.00	307.20 26.31 0.00	89.53 6.66 -28.26	85.79 1.98 -67.12	93.53 5.34 -41.45
WADING RIVER_IC_2 23547	109.25 -1.04 -118.41	127.22 -1.49 -140.87	116.99 -2.61 -142.56	104.16 -1.56 -118.64	119.00 -1.77 -135.39	109.51 0.70 -103.55	114.76 2.19 -96.52	139.77 2.85 -115.80	133.70 2.11 -114.53	125.78 2.37 -104.07	133.00 3.26 -104.70	156.78 2.86 -132.64	124.05 2.96 -99.98	115.20 2.18 -96.91	109.01 -0.28 -111.41	107.09 2.54 -86.73	159.92 8.10 -92.01	145.61 12.48 -34.43	212.92 19.40 -27.72	217.34 20.41 0.00	307.20 26.31 0.00	89.53 6.66 -28.26	85.79 1.98 -67.12	93.53 5.34 -41.45
WADING RIVER_IC_3 23601	109.25 -1.04 -118.41	127.22 -1.49 -140.87	116.99 -2.61 -142.56	104.16 -1.56 -118.64	119.00 -1.77 -135.39	109.51 0.70 -103.55	114.76 2.19 -96.52	139.77 2.85 -115.80	133.70 2.11 -114.53	125.78 2.37 -104.07	133.00 3.26 -104.70	156.78 2.86 -132.64	124.05 2.96 -99.98	115.20 2.18 -96.91	109.01 -0.28 -111.41	107.09 2.54 -86.73	159.92 8.10 -92.01	145.61 12.48 -34.43	212.92 19.40 -27.72	217.34 20.41 0.00	307.20 26.31 0.00	89.53 6.66 -28.26	85.79 1.98 -67.12	93.53 5.34 -41.45
WALDEN___HYDRO 24148	106.92 -0.55 -115.59	124.56 -0.81 -137.52	114.75 -1.47 -139.17	102.05 -0.85 -115.82	116.58 -0.97 -132.16	106.73 0.38 -101.08	111.49 1.22 -94.23	135.79 1.62 -113.06	130.22 1.34 -111.81	122.51 1.56 -101.61	128.53 2.09 -101.40	143.86 1.78 -120.79	111.75 1.87 -88.77	112.09 1.37 -94.61	106.48 -0.18 -108.77	100.78 1.48 -81.48	150.94 4.59 -86.55	114.56 7.50 -8.37	178.28 12.48 0.00	211.73 14.80 0.00	301.25 20.36 0.00	86.57 4.36 -27.60	83.47 1.25 -65.53	90.35 3.14 -40.47
WARRENSBURG____ 23737	160.01 -0.83 -168.96	187.66 -1.19 -201.01	178.24 -2.22 -203.42	155.12 -1.25 -169.29	177.15 -1.41 -193.19	153.56 0.54 -147.75	155.53 1.72 -137.76	189.23 2.36 -165.75	182.95 1.95 -163.93	170.50 2.20 -148.97	176.54 2.84 -148.66	200.71 2.33 -177.09	153.51 2.25 -130.15	156.47 1.65 -138.71	157.13 -0.23 -159.46	139.20 1.93 -119.46	193.86 7.17 -126.89	122.50 11.53 -12.27	184.71 18.91 0.00	219.47 22.54 0.00	311.85 30.96 0.00	101.07 6.00 -40.46	114.54 1.77 -96.08	110.88 4.81 -59.34
WATERSIDE___6 8 9 23538	109.63 -0.64 -118.39	127.79 -0.90 -140.84	117.94 -1.64 -142.53	104.74 -0.96 -118.62	119.67 -1.07 -135.36	109.24 0.44 -103.53	113.95 1.41 -96.50	138.77 1.87 -115.78	133.14 1.57 -114.51	125.25 1.85 -104.05	131.39 2.51 -103.84	147.14 2.15 -123.70	114.31 2.29 -90.90	114.67 1.67 -96.88	109.06 -0.21 -111.38	103.07 1.82 -83.44	153.78 5.35 -88.63	115.90 8.63 -8.57	179.98 14.17 0.00	213.68 16.75 0.00	303.68 22.79 0.00	88.08 5.21 -28.26	85.29 1.49 -67.11	91.90 3.72 -41.45



WDELAWARE___HYD 323627	97.95 -0.50 -106.58	113.92 -0.73 -126.80	104.05 -1.32 -128.32	93.11 -0.76 -106.79	106.37 -0.87 -121.86	98.82 0.35 -93.20	104.07 1.15 -86.88	126.94 1.55 -104.27	121.46 1.28 -103.12	114.52 1.47 -93.71	120.51 1.96 -93.51	134.35 1.66 -111.40	104.65 1.68 -81.86	104.53 1.17 -87.25	98.05 -0.15 -100.31	94.27 1.31 -75.14	144.05 4.42 -79.82	113.89 7.48 -7.72	178.40 12.59 0.00	211.88 14.95 0.00	301.33 20.44 0.00	84.29 4.23 -25.45	78.31 1.19 -60.44	86.99 2.94 -37.32
WEST BABYLON___IC 23714	109.26 -1.03 -118.41	127.23 -1.49 -140.87	116.99 -2.61 -142.56	104.17 -1.55 -118.64	119.01 -1.75 -135.39	109.51 0.69 -103.55	114.73 2.16 -96.52	139.78 2.86 -115.80	133.74 2.15 -114.53	125.89 2.47 -104.07	133.13 3.39 -104.70	156.85 2.92 -132.64	124.13 3.04 -99.98	115.26 2.23 -96.91	109.01 -0.29 -111.41	107.09 2.55 -86.73	159.90 8.09 -92.01	146.23 13.10 -34.43	214.40 20.88 -27.72	220.23 23.30 0.00	311.72 30.83 0.00	89.74 6.87 -28.26	85.81 2.00 -67.12	93.54 5.35 -41.45
WEST CANADA___HYD 24049	-11.01 -0.06 2.82	-15.60 -0.09 3.36	-26.53 -0.18 3.40	-15.85 -0.10 2.83	-17.97 -0.11 3.23	2.84 0.04 2.47	13.86 0.13 2.32	18.31 0.18 2.99	14.24 0.14 2.96	16.82 0.17 2.69	22.58 0.23 2.69	18.28 0.19 3.20	18.93 0.17 2.35	13.75 0.14 2.50	-5.01 -0.02 2.88	15.82 0.17 2.16	58.05 0.54 2.29	99.33 0.86 0.22	167.29 1.48 0.00	198.58 1.65 0.00	283.09 2.20 0.00	54.31 0.43 0.73	15.07 0.12 1.74	45.90 0.24 1.07
WESTERN_NY_WIND 24143	9.41 0.16 -17.36	8.78 0.27 -20.66	-1.43 0.62 -20.91	4.76 0.28 -17.40	5.57 0.34 -19.85	20.36 -0.09 -15.18	29.84 -0.35 -14.15	37.75 -0.54 -17.16	33.51 -0.53 -16.97	34.26 -0.51 -15.43	39.68 -0.75 -15.40	38.86 -0.76 -18.34	33.78 -0.81 -13.48	29.82 -0.65 -14.36	14.49 0.08 -16.51	29.54 -0.64 -12.37	70.55 -2.40 -13.14	95.01 -4.96 -1.27	157.80 -8.01 0.00	186.26 -10.67 0.00	266.14 -14.75 0.00	55.53 -3.26 -4.19	25.55 -1.08 -9.95	49.90 -2.98 -6.15
WESTOVER___LESR 323668	30.27 -0.08 -38.48	33.50 -0.13 -45.78	23.22 -0.15 -46.33	25.54 -0.10 -38.55	29.23 -0.14 -43.99	38.99 0.07 -33.64	47.65 0.21 -31.40	59.46 0.35 -37.99	54.86 0.22 -37.57	53.72 0.24 -34.14	59.44 0.33 -34.07	62.14 0.26 -40.59	51.26 0.32 -29.83	48.14 0.24 -31.79	34.41 -0.03 -36.55	45.51 0.32 -27.38	89.64 0.75 -29.08	102.19 0.68 -2.81	167.32 1.52 0.00	198.36 1.43 0.00	282.96 2.07 0.00	64.13 0.25 -9.27	38.71 0.01 -22.02	60.13 -0.21 -13.60
WETHRSFD_WT_PWR 323626	14.76 0.37 -22.52	15.20 0.56 -26.79	5.36 1.20 -27.11	10.25 0.61 -22.56	11.84 0.72 -25.75	24.75 -0.22 -19.69	33.66 -0.74 -18.36	42.48 -0.95 -22.31	38.34 -0.78 -22.06	38.57 -0.83 -20.05	43.93 -1.12 -20.01	44.03 -1.09 -23.83	37.66 -0.97 -17.51	34.10 -0.68 -18.67	19.43 0.08 -21.46	33.30 -0.59 -16.08	74.65 -2.23 -17.08	95.50 -4.85 -1.65	158.11 -7.69 0.00	186.32 -10.61 0.00	265.38 -15.51 0.00	56.40 -3.65 -5.44	28.34 -1.28 -12.93	51.00 -3.72 -7.99
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	105.85 -0.51 -114.49	123.31 -0.75 -136.20	113.53 -1.35 -137.84	101.01 -0.78 -114.70	115.39 -0.89 -130.90	105.74 0.36 -100.11	110.50 1.14 -93.32	134.58 1.50 -111.96	129.03 1.24 -110.74	121.43 1.46 -100.63	127.43 1.97 -100.42	142.60 1.69 -119.62	110.83 1.80 -87.91	111.14 1.33 -93.69	105.44 -0.17 -107.71	99.92 1.41 -80.70	149.75 4.23 -85.71	113.78 6.80 -8.29	177.02 11.22 0.00	210.34 13.41 0.00	299.07 18.18 0.00	86.00 4.06 -27.33	82.74 1.15 -64.90	89.71 2.90 -40.08
YORK___WARBASSE 23770	109.59 -0.67 -118.39	127.74 -0.95 -140.84	117.86 -1.72 -142.53	104.70 -1.01 -118.62	119.62 -1.12 -135.36	109.26 0.46 -103.53	114.00 1.46 -96.50	138.84 1.94 -115.78	133.21 1.64 -114.51	125.32 1.93 -104.05	131.50 2.62 -103.84	147.24 2.26 -123.70	114.41 2.40 -90.90	114.75 1.76 -96.88	109.05 -0.22 -111.38	103.15 1.90 -83.44	154.08 5.64 -88.63	116.33 9.07 -8.57	180.79 14.99 0.00	214.72 17.79 0.00	305.12 24.24 0.00	88.41 5.55 -28.26	85.41 1.61 -67.11	92.14 3.96 -41.45