

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/09/2018

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	104.55	101.33	97.10	95.93	100.57	105.58	129.42	134.68	135.13	141.35	106.58	103.88	100.73	97.86	96.42	99.38	108.68	129.07	131.48	116.77	114.60	103.51	96.35	71.63
	2.60	2.19	2.28	2.26	2.17	3.47	5.45	5.19	7.30	6.04	6.23	5.22	4.85	4.73	4.73	4.51	6.75	11.78	13.34	11.61	8.60	8.71	7.76	5.04
	-76.44	-78.07	-73.15	-72.18	-77.34	-67.38	-67.15	-80.05	-63.81	-82.78	-47.11	-53.30	-54.09	-52.30	-51.28	-55.64	-41.64	-13.88	0.00	-0.58	-27.09	-15.63	-20.52	-21.16
74TH STREET_GT_1 24260	104.61	101.38	97.13	95.97	100.61	105.63	129.48	134.74	135.21	141.42	106.64	103.98	100.78	97.91	96.47	99.43	108.81	129.28	131.71	116.98	114.76	103.59	96.42	71.72
	2.65	2.23	2.30	2.28	2.19	3.51	5.51	5.24	7.36	6.09	6.28	5.31	4.89	4.77	4.77	4.55	6.87	11.99	13.58	11.81	8.76	8.79	7.82	5.13
	-76.45	-78.08	-73.16	-72.19	-77.36	-67.39	-67.17	-80.07	-63.82	-82.79	-47.12	-53.31	-54.10	-52.31	-51.29	-55.65	-41.65	-13.89	0.00	-0.58	-27.09	-15.63	-20.53	-21.17
74TH STREET_GT_2 24261	104.61	101.38	97.13	95.97	100.61	105.63	129.48	134.74	135.21	141.42	106.64	103.98	100.78	97.91	96.47	99.43	108.81	129.28	131.71	116.98	114.76	103.59	96.42	71.72
	2.65	2.23	2.30	2.28	2.19	3.51	5.51	5.24	7.36	6.09	6.28	5.31	4.89	4.77	4.77	4.55	6.87	11.99	13.58	11.81	8.76	8.79	7.82	5.13
	-76.45	-78.08	-73.16	-72.19	-77.36	-67.39	-67.17	-80.07	-63.82	-82.79	-47.12	-53.31	-54.10	-52.31	-51.29	-55.65	-41.65	-13.89	0.00	-0.58	-27.09	-15.63	-20.53	-21.17
ADK HUDSON___FALLS 24011	131.73	129.09	123.04	121.53	128.14	129.60	153.87	163.40	157.28	170.23	122.85	122.56	119.65	116.27	114.39	119.10	123.61	134.90	132.42	117.61	124.67	109.06	103.00	78.61
	2.27	1.85	1.88	1.87	1.90	3.23	5.74	5.09	6.53	5.20	5.59	4.76	4.35	4.33	4.24	4.20	6.69	12.61	14.29	12.23	8.91	8.63	7.01	4.41
	-103.95	-106.17	-99.48	-98.16	-105.19	-91.63	-91.33	-108.87	-86.71	-112.50	-64.03	-72.43	-73.51	-71.13	-69.73	-75.67	-56.63	-18.88	0.00	-0.79	-36.84	-21.26	-27.91	-28.78
ADK RESOURCE___RCVRY 23798	131.00	128.30	122.32	120.82	127.36	129.04	153.45	162.81	157.07	169.69	122.70	122.27	119.32	115.96	114.09	118.76	123.58	135.46	133.26	118.33	124.88	109.42	103.29	78.72
	2.47	2.02	2.06	2.04	2.07	3.51	6.14	5.49	7.11	5.68	6.01	5.13	4.68	4.65	4.57	4.55	7.17	13.34	15.12	12.97	9.47	9.18	7.56	4.77
	-103.01	-105.21	-98.59	-97.27	-104.24	-90.80	-90.50	-107.89	-85.93	-111.48	-63.45	-71.78	-72.85	-70.48	-69.10	-74.99	-56.12	-18.71	0.00	-0.78	-36.50	-21.07	-27.66	-28.52
ADK S GLENS___FALLS 24028	131.73	129.09	123.04	121.53	128.14	129.60	153.87	163.40	157.28	170.23	122.85	122.56	119.65	116.27	114.39	119.10	123.61	134.90	132.42	117.61	124.67	109.06	103.00	78.61
	2.27	1.85	1.88	1.87	1.90	3.23	5.74	5.09	6.53	5.20	5.59	4.76	4.35	4.33	4.24	4.20	6.69	12.61	14.29	12.23	8.91	8.63	7.01	4.41
	-103.95	-106.17	-99.48	-98.16	-105.19	-91.63	-91.33	-108.87	-86.71	-112.50	-64.03	-72.43	-73.51	-71.13	-69.73	-75.67	-56.63	-18.88	0.00	-0.79	-36.84	-21.26	-27.91	-28.78
ADK_NYS___DAM 23527	129.34	126.68	120.79	119.31	125.75	127.36	151.07	160.44	154.91	167.46	120.85	120.48	117.63	114.23	112.42	117.01	121.50	132.23	129.83	115.50	122.38	107.26	101.58	77.54
	2.09	1.71	1.75	1.74	1.75	2.95	4.89	4.45	6.02	4.83	4.95	4.22	3.89	3.80	3.76	3.73	5.79	10.34	11.70	10.14	7.42	7.28	6.19	3.95
	-101.73	-103.91	-97.36	-96.06	-102.94	-89.68	-89.38	-106.55	-84.87	-110.10	-62.66	-70.89	-71.94	-69.61	-68.25	-74.06	-55.42	-18.48	0.00	-0.77	-36.05	-20.80	-27.31	-28.17
AIR_PRODUCTS___DRP 24190	126.52	123.95	118.19	116.76	123.02	124.55	147.66	156.45	150.91	163.36	117.69	117.46	114.70	111.33	109.57	114.03	118.13	127.69	125.34	111.62	118.84	104.20	98.74	75.43
	1.48	1.22	1.26	1.27	1.24	2.08	3.41	2.77	3.84	3.10	3.14	2.72	2.51	2.41	2.38	2.35	3.62	6.20	7.21	6.27	4.65	4.67	3.95	2.45
	-99.53	-101.66	-95.25	-93.99	-100.71	-87.74	-87.45	-104.24	-83.04	-107.73	-61.31	-69.36	-70.40	-68.10	-66.77	-72.45	-54.22	-18.08	0.00	-0.75	-35.27	-20.35	-26.72	-27.56
ALBANY___1 23571	126.52	123.95	118.19	116.76	123.02	124.55	147.66	156.45	150.91	163.36	117.69	117.46	114.70	111.33	109.57	114.03	118.13	127.69	125.34	111.62	118.84	104.20	98.74	75.43
	1.48	1.22	1.26	1.27	1.24	2.08	3.41	2.77	3.84	3.10	3.14	2.72	2.51	2.41	2.38	2.35	3.62	6.20	7.21	6.27	4.65	4.67	3.95	2.45
	-99.53	-101.66	-95.25	-93.99	-100.71	-87.74	-87.45	-104.24	-83.04	-107.73	-61.31	-69.36	-70.40	-68.10	-66.77	-72.45	-54.22	-18.08	0.00	-0.75	-35.27	-20.35	-26.72	-27.56
ALBANY___2 23572	126.52	123.95	118.19	116.76	123.02	124.55	147.66	156.45	150.91	163.36	117.69	117.46	114.70	111.33	109.57	114.03	118.13	127.69	125.34	111.62	118.84	104.20	98.74	75.43
	1.48	1.22	1.26	1.27	1.24	2.08	3.41	2.77	3.84	3.10	3.14	2.72	2.51	2.41	2.38	2.35	3.62	6.20	7.21	6.27	4.65	4.67	3.95	2.45
	-99.53	-101.66	-95.25	-93.99	-100.71	-87.74	-87.45	-104.24	-83.04	-107.73	-61.31	-69.36	-70.40	-68.10	-66.77	-72.45	-54.22	-18.08	0.00	-0.75	-35.27	-20.35	-26.72	-27.56
ALBANY___3 23573	126.52	123.95	118.19	116.76	123.02	124.55	147.66	156.45	150.91	163.36	117.69	117.46	114.70	111.33	109.57	114.03	118.13	127.69	125.34	111.62	118.84	104.20	98.74	75.43
	1.48	1.22	1.26	1.27	1.24	2.08	3.41	2.77	3.84	3.10	3.14	2.72	2.51	2.41	2.38	2.35	3.62	6.20	7.21	6.27	4.65	4.67	3.95	2.45
	-99.53	-101.66	-95.25	-93.99	-100.71	-87.74	-87.45	-104.24	-83.04	-107.73	-61.31	-69.36	-70.40	-68.10	-66.77	-72.45	-54.22	-18.08	0.00	-0.75	-35.27	-20.35	-26.72	-27.56
ALBANY___4 23574	126.52	123.95	118.19	116.76	123.02	124.55	147.66	156.45	150.91	163.36	117.69	117.46	114.70	111.33	109.57	114.03	118.13	127.69	125.34	111.62	118.84	104.20	98.74	75.43
	1.48	1.22	1.26	1.27	1.24	2.08	3.41	2.77	3.84	3.10	3.14	2.72	2.51	2.41	2.38	2.35	3.62	6.20	7.21	6.27	4.65	4.67	3.95	2.45
	-99.53	-101.66	-95.25	-93.99	-100.71	-87.74	-87.45	-104.24	-83.04	-107.73	-61.31	-69.36	-70.40	-68.10	-66.77	-72.45	-54.22	-18.08	0.00	-0.75	-35.27	-20.35	-26.72	-27.56



ALBANY___LFGE 323615	128.56 1.68 -101.36	125.99 1.39 -103.53	120.11 1.43 -97.01	118.63 1.42 -95.71	125.04 1.41 -102.57	126.45 2.36 -89.35	149.84 3.98 -89.05	159.01 3.41 -106.16	153.20 4.61 -84.56	165.97 3.73 -109.71	119.46 3.78 -62.44	119.27 3.27 -70.64	116.49 3.01 -71.69	113.08 2.90 -69.35	111.28 2.87 -68.00	115.84 2.83 -73.79	119.91 4.40 -55.22	129.47 7.65 -18.41	127.00 8.86 0.00	112.99 7.63 -0.77	120.52 5.69 -35.92	105.52 5.62 -20.73	99.98 4.69 -27.21	76.44 2.95 -28.06
ALCOA_RYNLDS___DRP 24188	24.46 -1.05 0.00	20.18 -0.88 0.00	20.72 -0.95 0.00	20.56 -0.95 0.00	20.14 -0.93 0.00	33.17 -1.56 0.00	54.20 -2.61 0.00	47.36 -2.07 0.00	60.96 -3.07 0.00	50.22 -2.31 0.00	50.95 -2.29 0.00	43.28 -2.09 0.00	39.87 -1.92 0.00	38.95 -1.88 0.00	38.56 -1.86 0.00	37.18 -2.04 0.00	57.34 -2.95 0.00	98.24 -5.17 0.00	111.98 -6.15 0.00	100.20 -4.39 0.00	75.44 -3.47 0.00	75.69 -3.48 0.00	65.15 -2.93 0.00	43.56 -1.86 0.00
ALCOA___DSASP 323711	24.46 -1.05 0.00	20.18 -0.88 0.00	20.72 -0.95 0.00	20.56 -0.95 0.00	20.14 -0.93 0.00	33.17 -1.56 0.00	54.20 -2.61 0.00	47.36 -2.07 0.00	60.96 -3.07 0.00	50.22 -2.31 0.00	50.95 -2.29 0.00	43.28 -2.09 0.00	39.87 -1.92 0.00	38.95 -1.88 0.00	38.56 -1.86 0.00	37.18 -2.04 0.00	57.34 -2.95 0.00	98.24 -5.17 0.00	111.98 -6.15 0.00	100.20 -4.39 0.00	75.44 -3.47 0.00	75.69 -3.48 0.00	65.15 -2.93 0.00	43.56 -1.86 0.00
ALLEGHENY___COGEN 23514	39.38 0.36 -13.52	35.21 0.34 -13.80	34.98 0.37 -12.94	34.69 0.43 -12.76	35.20 0.46 -13.68	47.55 0.90 -11.91	70.33 1.65 -11.87	65.18 1.58 -14.16	77.28 1.73 -11.52	64.70 -2.79 -14.95	58.87 -2.88 -8.51	53.68 -1.32 -9.63	50.27 -1.30 -9.77	48.77 -1.31 -9.26	48.12 -1.37 -9.07	47.90 -1.18 -9.85	65.91 -1.75 -7.37	100.48 -5.38 -2.46	112.35 -5.79 0.00	98.52 -6.17 -0.10	79.60 -4.11 -4.79	83.13 1.19 -2.77	72.18 0.48 -3.63	49.72 0.55 -3.75
ALTONA_WT_PWR 323606	24.72 -0.79 0.00	20.37 -0.69 0.00	20.87 -0.80 0.00	20.64 -0.86 0.00	20.20 -0.86 0.00	33.24 -1.49 0.00	54.14 -2.67 0.00	47.41 -2.03 0.00	60.89 -3.14 0.00	50.27 -2.26 0.00	51.05 -2.19 0.00	43.33 -2.04 0.00	39.87 -1.92 0.00	39.03 -1.80 0.00	38.64 -1.78 0.00	37.27 -1.96 0.00	57.64 -2.65 0.00	98.65 -4.76 0.00	112.82 -5.31 0.00	101.77 -2.82 0.00	76.70 -2.21 0.00	77.04 -2.13 0.00	66.24 -1.83 0.00	44.33 -1.09 0.00
AMERICAN_REF_FUEL 24010	36.44 -1.30 -12.23	32.57 -0.99 -12.49	32.42 -0.95 -11.70	32.19 -0.86 -11.55	32.57 -0.86 -12.37	43.91 -1.60 -10.78	63.80 -3.75 -10.74	58.48 -3.76 -12.81	69.12 -5.31 -10.41	61.04 -4.99 -13.50	55.86 -5.06 -7.68	50.11 -3.95 -8.69	47.15 -3.47 -8.82	45.73 -3.47 -8.37	45.15 -3.48 -8.21	45.03 -3.10 -8.91	61.71 -5.25 -6.67	96.63 -9.00 -2.22	107.73 -10.40 0.00	94.64 -10.04 -0.09	75.44 -7.81 -4.34	73.76 -7.92 -2.50	64.62 -6.74 -3.29	45.09 -3.72 -3.39
ARTHUR_KILL_GT_1 23520	104.70 2.73 -76.46	101.41 2.26 -78.09	97.12 2.28 -73.17	95.96 2.26 -72.20	100.64 2.21 -77.36	105.74 3.61 -67.40	129.61 5.63 -67.17	134.65 5.14 -80.07	134.88 7.04 -63.81	141.22 5.88 -82.81	134.65 6.17 -75.24	146.59 5.17 -96.05	146.59 4.76 -100.03	146.59 4.61 -101.15	134.65 4.65 -89.59	146.59 4.39 -102.97	146.64 6.75 -79.60	143.44 11.99 -28.04	143.44 13.58 -11.73	155.39 11.81 -38.99	146.77 8.68 -59.18	134.65 8.63 -46.85	96.05 7.42 -20.56	71.75 5.13 -21.19
ARTHUR_KILL_2 23512	104.70 2.73 -76.46	101.41 2.26 -78.09	97.12 2.28 -73.17	95.96 2.26 -72.20	100.64 2.21 -77.36	105.74 3.61 -67.40	129.61 5.63 -67.17	134.65 5.14 -80.07	134.88 7.04 -63.81	141.22 5.88 -82.81	134.65 6.17 -75.24	146.59 5.17 -96.05	146.59 4.76 -100.03	146.59 4.61 -101.15	134.65 4.65 -89.59	146.59 4.39 -102.97	146.64 6.75 -79.60	143.44 11.99 -28.04	143.44 13.58 -11.73	155.39 11.81 -38.99	146.77 8.68 -59.18	134.65 8.63 -46.85	96.05 7.42 -20.56	71.75 5.13 -21.19
ARTHUR_KILL_3 23513	104.51 2.55 -76.45	101.30 2.15 -78.08	97.07 2.23 -73.16	95.90 2.22 -72.19	100.52 2.11 -77.35	105.52 3.41 -67.38	129.31 5.34 -67.16	134.59 5.09 -80.06	134.95 7.11 -63.81	141.28 5.93 -82.81	134.55 6.07 -75.24	146.50 5.08 -96.06	146.55 4.72 -100.04	146.59 4.61 -101.16	134.61 4.61 -89.59	146.59 4.39 -102.98	146.47 6.57 -79.60	142.93 11.48 -28.05	142.86 12.99 -11.74	154.78 11.20 -38.99	146.46 8.36 -59.18	134.49 8.48 -46.84	96.31 7.69 -20.55	71.60 5.00 -21.18
ASHOKAN____ 23654	109.99 2.25 -82.23	106.87 1.81 -83.99	102.26 1.88 -78.70	101.00 1.85 -77.65	106.08 1.81 -83.21	110.17 2.95 -72.49	133.88 4.83 -72.25	140.31 4.75 -86.12	139.07 6.40 -68.63	146.51 4.94 -89.04	108.98 5.06 -50.68	106.83 4.13 -57.33	103.74 3.76 -58.18	100.40 3.31 -56.27	98.82 3.23 -55.17	102.46 3.37 -59.86	110.59 5.61 -44.69	129.58 11.27 -14.90	130.89 12.76 0.00	115.77 10.56 -0.62	115.72 7.74 -29.07	103.55 7.60 -16.78	96.23 6.13 -22.03	71.68 3.55 -22.71
ASTORIA_EAST_ENERGY_CC1 323581	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	105.99 3.85 -67.40	130.06 6.08 -67.17	134.69 5.19 -80.07	135.07 7.23 -63.81	141.30 5.99 -82.79	106.68 6.33 -47.11	103.93 5.26 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.38 4.51 -55.64	108.81 6.87 -41.65	129.39 12.09 -13.90	131.95 13.81 -0.01	117.09 11.92 -0.58	114.84 8.84 -27.09	103.75 8.94 -15.63	96.49 7.89 -20.53	72.14 5.54 -21.17
ASTORIA_EAST_ENERGY_CC2 323582	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.69 5.19 -80.07	135.07 7.23 -63.81	141.30 5.99 -82.79	106.68 6.33 -47.11	103.93 5.26 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.38 4.51 -55.64	108.81 6.87 -41.65	129.39 12.09 -13.90	131.95 13.81 -0.01	117.09 11.92 -0.58	114.84 8.84 -27.09	103.75 8.94 -15.63	96.49 7.89 -20.53	72.14 5.54 -21.17
ASTORIA_GT2_1 24094	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT2_2 24095	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT2_3 24096	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17



ASTORIA_GT2_4 24097	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT3_1 24098	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT3_2 24099	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT3_3 24100	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT3_4 24101	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT4_1 24102	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT4_2 24103	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT4_3 24104	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT4_4 24105	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT_1 23523	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT_10 24110	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.79 6.44 -56.11	104.07 5.40 -53.31	100.87 4.97 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.93 6.99 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.90 5.31 -21.17
ASTORIA_GT_11 24225	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.79 6.44 -56.11	104.07 5.40 -53.31	100.87 4.97 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.93 6.99 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.90 5.31 -21.17
ASTORIA_GT_12 24226	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.79 6.44 -56.11	104.07 5.40 -53.31	100.87 4.97 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.93 6.99 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.90 5.31 -21.17
ASTORIA_GT_13 24227	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.79 6.44 -56.11	104.07 5.40 -53.31	100.87 4.97 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.93 6.99 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.90 5.31 -21.17
ASTORIA_GT_5 24106	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17



ASTORIA_GT_7 24107	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA_GT_8 24108	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA___2 24149	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA___3 23516	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.79 6.44 -56.11	104.07 5.40 -53.31	100.87 4.97 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.93 6.99 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.90 5.31 -21.17
ASTORIA___4 23517	104.85 2.88 -76.46	101.52 2.36 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.76 2.34 -77.36	106.02 3.89 -67.40	130.06 6.08 -67.17	134.74 5.24 -80.07	135.13 7.30 -63.81	141.36 6.04 -82.79	106.68 6.33 -47.11	103.97 5.31 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.42 4.55 -55.64	108.87 6.93 -41.65	129.50 12.20 -13.90	131.95 13.81 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.83 9.02 -15.63	96.56 7.96 -20.53	72.19 5.59 -21.17
ASTORIA___5 23518	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.68 2.25 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.79 6.44 -56.11	104.07 5.40 -53.31	100.87 4.97 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.93 6.99 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.90 5.31 -21.17
AST_ENERGY_2_CC3 323677	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.54 2.13 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.01 7.17 -63.81	141.31 5.99 -82.79	106.48 6.12 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.29 7.69 -20.53	71.59 5.00 -21.17
AST_ENERGY_2_CC4 323678	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.54 2.13 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.01 7.17 -63.81	141.31 5.99 -82.79	106.48 6.12 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.29 7.69 -20.53	71.59 5.00 -21.17
ATHENS_STG_1 23668	114.41 1.53 -87.37	111.59 1.29 -89.23	106.61 1.32 -83.61	105.31 1.31 -82.50	110.75 1.28 -88.41	113.83 2.08 -77.01	136.80 3.24 -76.76	143.91 2.97 -91.50	141.05 4.10 -72.92	150.50 3.36 -94.60	110.49 3.41 -53.84	109.19 2.91 -60.91	106.33 2.72 -61.82	103.22 2.62 -59.78	101.61 2.59 -58.61	105.37 2.55 -63.60	111.69 3.80 -47.59	125.69 6.41 -15.87	125.46 7.33 0.00	111.63 6.38 -0.66	114.77 4.89 -30.96	102.03 4.99 -17.87	95.89 4.36 -23.46	72.39 2.77 -24.19
ATHENS_STG_2 23670	114.41 1.53 -87.37	111.59 1.29 -89.23	106.61 1.32 -83.61	105.31 1.31 -82.50	110.75 1.28 -88.41	113.83 2.08 -77.01	136.80 3.24 -76.76	143.91 2.97 -91.50	141.05 4.10 -72.92	150.50 3.36 -94.60	110.49 3.41 -53.84	109.19 2.91 -60.91	106.33 2.72 -61.82	103.22 2.62 -59.78	101.61 2.59 -58.61	105.37 2.55 -63.60	111.69 3.80 -47.59	125.69 6.41 -15.87	125.46 7.33 0.00	111.63 6.38 -0.66	114.77 4.89 -30.96	102.03 4.99 -17.87	95.89 4.36 -23.46	72.39 2.77 -24.19
ATHENS_STG_3 23677	114.41 1.53 -87.37	111.59 1.29 -89.23	106.61 1.32 -83.61	105.31 1.31 -82.50	110.75 1.28 -88.41	113.83 2.08 -77.01	136.80 3.24 -76.76	143.91 2.97 -91.50	141.05 4.10 -72.92	150.50 3.36 -94.60	110.49 3.41 -53.84	109.19 2.91 -60.91	106.33 2.72 -61.82	103.22 2.62 -59.78	101.61 2.59 -58.61	105.37 2.55 -63.60	111.69 3.80 -47.59	125.69 6.41 -15.87	125.46 7.33 0.00	111.63 6.38 -0.66	114.77 4.89 -30.96	102.03 4.99 -17.87	95.89 4.36 -23.46	72.39 2.77 -24.19
AUBURN___LFGE 323710	35.21 -0.20 -9.90	31.03 -0.15 -10.11	31.00 -0.15 -9.48	30.70 -0.15 -9.35	30.96 -0.13 -10.02	43.36 -0.10 -8.73	65.56 0.06 -8.70	59.76 -0.05 -10.37	72.42 -0.19 -8.58	63.41 -0.26 -11.14	59.26 -0.32 -6.34	52.31 -0.23 -7.17	48.82 -0.25 -7.28	47.33 -0.28 -6.79	46.79 -0.28 -6.65	46.21 -0.23 -7.22	65.40 -0.30 -5.40	104.90 -0.31 -1.80	118.13 0.00 0.00	104.25 -0.42 -0.08	82.12 -0.31 -3.52	80.65 -0.55 -2.03	70.05 -0.68 -2.66	47.81 -0.36 -2.75
BABYLON_RES_REC 323704	105.74 3.24 -76.99	102.87 2.84 -78.96	100.57 2.92 -75.97	99.99 2.86 -75.63	102.21 2.84 -78.31	106.81 4.27 -67.81	129.95 5.96 -67.18	135.20 5.68 -80.08	135.79 7.94 -63.83	141.90 6.57 -82.81	108.64 6.71 -48.69	106.19 5.67 -55.15	103.54 5.47 -56.27	101.02 5.43 -54.76	99.96 5.45 -54.09	102.36 5.18 -57.95	110.82 7.47 -43.05	129.91 12.61 -13.89	132.90 14.76 0.00	118.83 13.18 -1.07	116.65 9.78 -27.95	107.45 10.14 -18.14	99.90 9.46 -22.37	98.67 6.45 -46.80
BARRETT_IC_1 23704	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_10 23701	110.40 3.06 -81.83	110.40 2.57 -86.77	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.98	122.92 5.67 -71.88	122.92 5.27 -75.86	122.93 5.14 -76.96	122.93 5.13 -77.38	122.93 4.94 -78.76	123.54 7.41 -55.84	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.08 9.47 -35.70	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.81



BARRETT_IC_1 23702	110.40 3.06 -81.83	110.40 2.57 -86.77	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.98	122.92 5.67 -71.88	122.92 5.27 -75.86	122.93 5.14 -76.96	122.93 5.13 -77.38	122.93 4.94 -78.76	123.54 7.41 -55.84	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.08 9.47 -35.70	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.81
BARRETT_IC_12 23703	110.40 3.06 -81.83	110.40 2.57 -86.77	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.98	122.92 5.67 -71.88	122.92 5.27 -75.86	122.93 5.14 -76.96	122.93 5.13 -77.38	122.93 4.94 -78.76	123.54 7.41 -55.84	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.08 9.47 -35.70	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.81
BARRETT_IC_2 23705	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_3 23706	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_4 23707	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_5 23708	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_6 23709	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_7 23710	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_8 23711	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT_IC_9 23700	110.40 3.06 -81.83	110.40 2.57 -86.77	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.98	122.92 5.67 -71.88	122.92 5.27 -75.86	122.93 5.14 -76.96	122.93 5.13 -77.38	122.93 4.94 -78.76	123.54 7.41 -55.84	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.08 9.47 -35.70	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.81
BARRETT___1 23545	110.40 3.06 -81.83	110.40 2.57 -86.76	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.97	122.92 5.67 -71.88	122.92 5.27 -75.86	122.92 5.14 -76.95	122.92 5.13 -77.37	122.92 4.94 -78.75	123.54 7.41 -55.83	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.07 9.47 -35.69	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.80
BARRETT___2 23546	110.40 3.06 -81.83	110.40 2.57 -86.77	110.40 2.58 -86.15	110.40 2.47 -86.43	110.40 2.55 -86.79	110.40 4.06 -71.61	129.67 5.68 -67.18	134.86 5.34 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	122.92 6.71 -62.98	122.92 5.67 -71.88	122.92 5.27 -75.86	122.93 5.14 -76.96	122.93 5.13 -77.38	122.93 4.94 -78.76	123.54 7.41 -55.84	129.60 12.30 -13.89	132.61 14.41 -0.07	122.92 12.76 -5.58	124.08 9.47 -35.70	128.98 9.58 -40.23	115.53 8.51 -38.95	111.63 5.40 -60.81
BAYONEEC___CTG1 323682	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
BAYONEEC___CTG2 323683	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
BAYONEEC___CTG3 323684	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17



BAYONEEC___CTG4 323685	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
BAYONEEC___CTG5 323686	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
BAYONEEC___CTG6 323687	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
BAYONEEC___CTG7 323688	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
BAYONEEC___CTG8 323689	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
BEACON___LESR 323632	126.32 1.79 -99.02	123.66 1.45 -101.14	117.93 1.49 -94.77	116.51 1.50 -93.50	122.73 1.47 -100.20	124.52 2.50 -87.29	148.01 4.20 -87.00	156.75 3.61 -103.71	151.57 4.93 -82.61	163.65 3.94 -107.18	118.23 3.99 -61.00	117.82 3.45 -69.01	115.01 3.17 -70.04	111.64 3.06 -67.75	109.88 3.03 -66.43	114.29 2.98 -72.08	118.88 4.64 -53.94	129.56 8.17 -17.99	127.70 9.56 0.00	113.50 8.16 -0.75	120.08 6.08 -35.09	105.44 6.01 -20.25	99.69 5.04 -26.59	75.97 3.13 -27.42
BEAVER RIVER___HYD 24048	25.33 -0.18 0.00	20.88 -0.19 0.00	21.46 -0.22 0.00	21.29 -0.21 0.00	20.89 -0.17 0.00	34.66 -0.07 0.00	57.38 0.57 0.00	50.03 0.60 0.00	64.48 0.45 0.00	52.95 0.42 0.00	53.61 0.38 0.00	45.28 -0.09 0.00	41.67 -0.13 0.00	40.66 -0.16 0.00	40.21 -0.20 0.00	38.83 -0.39 0.00	60.11 -0.18 0.00	103.93 0.52 0.00	118.61 0.47 0.00	104.07 -0.52 0.00	78.60 -0.31 0.00	78.94 -0.24 0.00	67.87 -0.20 0.00	45.29 -0.14 0.00
BEEBEE_GT_13 23619	34.36 -0.64 -9.48	30.27 -0.48 -9.69	30.32 -0.43 -9.08	30.07 -0.39 -8.96	30.28 -0.38 -9.60	42.43 -0.66 -8.36	63.95 -1.20 -8.33	58.28 -1.09 -9.93	70.39 -1.73 -8.09	61.24 -1.79 -10.49	57.34 -1.86 -5.97	50.72 -1.41 -6.76	47.36 -1.30 -6.86	46.01 -1.31 -6.50	45.41 -1.37 -6.37	44.96 -1.18 -6.91	63.60 -1.87 -5.17	102.24 -2.89 -1.72	114.95 -3.18 0.00	101.00 -3.66 -0.07	79.28 -3.00 -3.36	78.11 -3.01 -1.94	67.83 -2.79 -2.55	46.42 -1.63 -2.63
BETHLEHEM___GRP 23843	126.52 1.48 -99.53	123.95 1.22 -101.66	118.19 1.26 -95.25	116.76 1.27 -93.99	123.02 1.24 -100.71	124.55 2.08 -87.74	147.66 3.41 -87.45	156.45 2.77 -104.24	150.91 3.84 -83.04	163.36 3.10 -107.73	117.69 3.14 -61.31	117.46 2.72 -69.36	114.70 2.51 -70.40	111.33 2.41 -68.10	109.57 2.38 -66.77	114.03 2.35 -72.45	118.13 3.62 -54.22	127.69 6.20 -18.08	125.34 7.21 0.00	111.62 6.27 -0.75	118.84 4.65 -35.27	104.20 4.67 -20.35	98.74 3.95 -26.72	75.43 2.45 -27.56
BETHLEHEM___GS1 323560	126.52 1.48 -99.53	123.95 1.22 -101.66	118.19 1.26 -95.25	116.76 1.27 -93.99	123.02 1.24 -100.71	124.55 2.08 -87.74	147.66 3.41 -87.45	156.45 2.77 -104.24	150.91 3.84 -83.04	163.36 3.10 -107.73	117.69 3.14 -61.31	117.46 2.72 -69.36	114.70 2.51 -70.40	111.33 2.41 -68.10	109.57 2.38 -66.77	114.03 2.35 -72.45	118.13 3.62 -54.22	127.69 6.20 -18.08	125.34 7.21 0.00	111.62 6.27 -0.75	118.84 4.65 -35.27	104.20 4.67 -20.35	98.74 3.95 -26.72	75.43 2.45 -27.56
BETHLEHEM___GS2 323561	126.52 1.48 -99.53	123.95 1.22 -101.66	118.19 1.26 -95.25	116.76 1.27 -93.99	123.02 1.24 -100.71	124.55 2.08 -87.74	147.66 3.41 -87.45	156.45 2.77 -104.24	150.91 3.84 -83.04	163.36 3.10 -107.73	117.69 3.14 -61.31	117.46 2.72 -69.36	114.70 2.51 -70.40	111.33 2.41 -68.10	109.57 2.38 -66.77	114.03 2.35 -72.45	118.13 3.62 -54.22	127.69 6.20 -18.08	125.34 7.21 0.00	111.62 6.27 -0.75	118.84 4.65 -35.27	104.20 4.67 -20.35	98.74 3.95 -26.72	75.43 2.45 -27.56
BETHLEHEM___GS3 323562	126.52 1.48 -99.53	123.95 1.22 -101.66	118.19 1.26 -95.25	116.76 1.27 -93.99	123.02 1.24 -100.71	124.55 2.08 -87.74	147.66 3.41 -87.45	156.45 2.77 -104.24	150.91 3.84 -83.04	163.36 3.10 -107.73	117.69 3.14 -61.31	117.46 2.72 -69.36	114.70 2.51 -70.40	111.33 2.41 -68.10	109.57 2.38 -66.77	114.03 2.35 -72.45	118.13 3.62 -54.22	127.69 6.20 -18.08	125.34 7.21 0.00	111.62 6.27 -0.75	118.84 4.65 -35.27	104.20 4.67 -20.35	98.74 3.95 -26.72	75.43 2.45 -27.56
BETHLEHEM___STEEL 23779	37.93 -0.64 -13.05	33.98 -0.42 -13.33	33.78 -0.39 -12.49	33.51 -0.32 -12.33	33.95 -0.32 -13.21	45.65 -0.59 -11.51	66.63 -1.65 -11.47	61.53 -1.58 -13.67	72.84 -2.30 -11.11	64.38 -2.57 -14.42	58.89 -2.55 -8.21	52.79 -1.86 -9.28	49.63 -1.59 -9.42	48.14 -1.63 -8.95	47.53 -1.66 -8.77	47.33 -1.41 -9.52	65.00 -2.41 -7.12	101.75 -4.03 -2.38	113.28 -4.85 0.00	99.67 -5.02 -0.10	79.44 -4.11 -4.63	77.65 -4.20 -2.67	67.91 -3.68 -3.51	47.09 -1.95 -3.62
BETHPAGE_CC_5 323564	105.93 3.24 -77.18	103.13 2.80 -79.27	100.90 2.86 -76.36	100.33 2.77 -76.05	102.48 2.78 -78.64	107.00 4.31 -67.96	130.07 6.08 -67.18	135.30 5.78 -80.08	135.92 8.07 -63.83	142.01 6.67 -82.81	109.51 7.03 -49.25	107.11 5.94 -55.80	104.47 5.64 -57.03	102.00 5.55 -55.63	101.00 5.58 -55.00	103.28 5.29 -58.77	111.62 7.78 -43.55	130.53 13.24 -13.89	133.48 15.35 0.00	119.53 13.70 -1.24	117.35 10.18 -28.26	108.63 10.45 -19.00	100.62 9.53 -23.01	98.99 6.22 -47.35
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.24 -0.51 -13.24	34.25 -0.34 -13.52	34.06 -0.28 -12.67	33.78 -0.21 -12.50	34.24 -0.21 -13.39	45.99 -0.42 -11.67	67.13 -1.30 -11.63	62.02 -1.29 -13.86	73.38 -1.92 -11.27	64.89 -2.26 -14.62	59.37 -2.19 -8.32	53.24 -1.54 -9.41	50.05 -1.30 -9.55	48.55 -1.35 -9.07	47.89 -1.42 -8.89	47.74 -1.14 -9.65	65.53 -1.99 -7.22	102.61 -3.21 -2.41	114.11 -4.02 0.00	100.40 -4.29 -0.10	80.06 -3.55 -4.70	78.24 -3.64 -2.71	68.37 -3.27 -3.56	47.46 -1.63 -3.67



BINGHAMTON___COGEN 23790	51.09 0.36 -25.22	47.15 0.32 -25.76	46.14 0.33 -24.14	45.64 0.32 -23.82	46.92 0.34 -25.52	57.59 0.63 -22.23	79.93 0.96 -22.16	76.69 0.84 -26.42	86.41 1.02 -21.36	80.88 0.63 -27.71	69.70 0.69 -15.77	63.89 0.68 -17.84	60.49 0.58 -18.11	58.66 0.57 -17.27	57.87 0.52 -16.93	58.15 0.55 -18.37	74.89 0.84 -13.75	109.44 1.45 -4.59	119.91 1.77 0.00	106.04 1.26 -0.19	88.81 0.95 -8.94	85.13 0.79 -5.16	75.46 0.61 -6.78	53.00 0.59 -6.99
BLACK RIVER___HYD 24047	28.53 0.08 -2.94	24.07 0.00 -3.00	24.47 -0.02 -2.82	24.28 0.00 -2.78	24.08 0.04 -2.98	37.67 0.35 -2.59	60.81 1.42 -2.58	53.90 1.38 -3.08	67.65 1.41 -2.22	56.62 1.21 -2.88	56.00 1.12 -1.64	47.72 0.50 -1.85	44.01 0.33 -1.88	43.08 0.33 -1.93	42.60 0.28 -1.90	41.44 0.16 -2.06	62.56 0.73 -1.54	106.30 2.38 -0.51	120.62 2.48 0.00	105.35 0.74 -0.02	80.70 0.79 -1.00	80.54 0.79 -0.58	69.37 0.54 -0.76	46.48 0.27 -0.78
BLISS_WT_PWR 323608	39.51 0.03 -13.98	35.45 0.11 -14.28	35.20 0.15 -13.38	34.94 0.24 -13.20	35.46 0.25 -14.14	47.47 0.42 -12.32	69.14 0.06 -12.28	64.13 0.05 -14.64	75.80 -0.13 -11.90	67.07 -0.89 -15.44	61.28 -0.75 -8.79	54.94 -0.36 -9.94	51.63 -0.25 -10.09	50.04 -0.37 -9.58	49.40 -0.40 -9.39	49.22 -0.20 -10.19	67.50 -0.42 -7.63	105.33 -0.62 -2.54	117.07 -1.07 0.00	103.13 -1.57 -0.11	82.38 -1.50 -4.96	80.45 -1.58 -2.86	70.20 -1.63 -3.76	48.85 -0.45 -3.88
BLUE_CIRC_CHEM_DRP 24182	125.10 1.45 -98.14	122.50 1.20 -100.24	116.83 1.23 -93.92	115.40 1.22 -92.67	121.59 1.22 -99.30	123.25 2.01 -86.51	146.27 3.24 -86.22	155.04 2.82 -102.78	149.75 3.84 -81.88	161.86 3.10 -106.23	116.84 3.14 -60.46	116.49 2.72 -68.40	113.72 2.51 -69.41	110.42 2.45 -67.15	108.67 2.42 -65.84	113.02 2.35 -71.44	117.37 3.62 -53.46	127.44 6.20 -17.83	125.22 7.09 0.00	111.50 6.17 -0.74	118.34 4.65 -34.77	103.91 4.67 -20.07	98.43 4.02 -26.35	75.14 2.54 -27.17
BOC_GAS_DRP 24189	126.43 1.33 -99.59	123.88 1.09 -101.72	118.11 1.13 -95.31	116.68 1.14 -94.04	122.95 1.12 -100.77	124.33 1.80 -87.79	147.20 2.90 -87.50	156.26 2.52 -104.30	150.64 3.52 -83.09	163.16 2.83 -107.80	117.46 2.87 -61.35	117.27 2.49 -69.41	114.53 2.30 -70.44	111.21 2.24 -68.14	109.45 2.22 -66.81	113.88 2.16 -72.50	117.86 3.31 -54.25	126.97 5.48 -18.09	124.51 6.37 0.00	110.88 5.54 -0.75	118.38 4.18 -35.29	103.81 4.27 -20.37	98.48 3.67 -26.74	75.31 2.32 -27.57
BORALEX_4TH_BRANCH 23824	129.34 2.09 -101.73	126.68 1.71 -103.91	120.79 1.75 -97.36	119.31 1.74 -96.06	125.75 1.75 -102.94	127.36 2.95 -89.68	151.07 4.89 -89.38	160.44 4.45 -106.55	154.91 6.02 -84.87	167.46 4.83 -110.10	120.85 4.95 -62.66	120.48 4.22 -70.89	117.63 3.89 -71.94	114.23 3.80 -69.61	112.42 3.76 -68.25	117.01 3.73 -74.06	121.50 5.79 -55.42	132.23 10.34 -18.48	129.83 11.70 0.00	115.50 10.14 -0.77	122.38 7.42 -36.05	107.26 7.28 -20.80	101.58 6.19 -27.31	77.54 3.95 -28.17
BOWLINE___1 23526	101.95 2.12 -74.32	98.77 1.79 -75.91	94.67 1.86 -71.13	93.53 1.85 -70.18	98.04 1.77 -75.21	103.10 2.85 -65.51	126.48 4.37 -65.30	131.53 4.25 -77.84	132.09 6.02 -62.05	137.96 4.94 -80.50	104.27 5.22 -45.81	101.55 4.36 -51.83	98.45 4.05 -52.60	95.60 3.92 -50.85	94.19 3.92 -49.86	97.10 3.77 -54.10	106.45 5.67 -40.49	126.84 9.93 -13.50	129.36 11.23 0.00	114.88 9.73 -0.56	112.51 7.26 -26.34	101.81 7.44 -15.20	94.56 6.54 -19.96	70.18 4.18 -20.58
BOWLINE___2 23595	101.97 2.12 -74.34	98.79 1.79 -75.93	94.69 1.86 -71.15	93.55 1.85 -70.20	98.06 1.77 -75.23	103.11 2.85 -65.53	126.50 4.37 -65.32	131.55 4.25 -77.86	132.11 6.02 -62.06	137.98 4.94 -80.52	104.28 5.22 -45.82	101.57 4.36 -51.84	98.46 4.05 -52.61	95.61 3.92 -50.87	94.21 3.92 -49.87	97.11 3.77 -54.12	106.46 5.67 -40.50	126.84 9.93 -13.50	129.36 11.23 0.00	114.88 9.73 -0.56	112.51 7.26 -26.35	101.74 7.36 -15.20	94.57 6.54 -19.96	70.19 4.18 -20.58
BROOKHAVEN___DRP 24191	105.47 3.27 -76.70	102.60 3.03 -78.50	100.22 3.19 -75.36	99.61 3.12 -74.99	101.90 3.03 -77.80	106.55 4.24 -67.58	129.56 5.57 -67.18	134.91 5.39 -80.08	135.41 7.55 -63.83	141.53 6.20 -82.81	108.48 7.40 -47.84	106.05 6.53 -54.15	103.42 6.52 -55.10	100.59 6.33 -53.44	99.55 6.43 -52.71	101.98 6.04 -56.72	111.02 8.44 -42.29	131.77 14.48 -13.89	134.89 16.77 0.00	120.66 15.27 -0.80	117.77 11.37 -27.49	107.96 11.96 -16.83	100.76 11.30 -21.38	98.53 7.13 -45.97
BROOKLYN_NAVY_YARD 23515	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.54 2.13 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.42 6.07 -47.12	103.80 5.13 -53.30	100.62 4.72 -54.10	97.74 4.61 -52.31	96.30 4.61 -51.28	99.27 4.39 -55.65	108.57 6.63 -41.64	128.97 11.68 -13.89	131.24 13.11 0.00	116.57 11.40 -0.58	114.45 8.45 -27.09	103.28 8.48 -15.63	96.22 7.62 -20.53	71.59 5.00 -21.17
BROOKLYN___ARMY_DRP 323595	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
BROOME_2_LFGE 323671	51.09 0.36 -25.22	47.15 0.32 -25.76	46.14 0.33 -24.14	45.64 0.32 -23.82	46.92 0.34 -25.52	57.59 0.63 -22.23	79.93 0.96 -22.16	76.69 0.84 -26.42	86.41 1.02 -21.36	80.88 0.63 -27.71	69.70 0.69 -15.77	63.89 0.68 -17.84	60.49 0.58 -18.11	58.66 0.57 -17.27	57.87 0.52 -16.93	58.15 0.55 -18.37	74.89 0.84 -13.75	109.44 1.45 -4.59	119.91 1.77 0.00	106.04 1.26 -0.19	88.81 0.95 -8.94	85.13 0.79 -5.16	75.46 0.61 -6.78	53.00 0.59 -6.99
BROOME___LFGE 323600	51.09 0.36 -25.22	47.15 0.32 -25.76	46.14 0.33 -24.14	45.64 0.32 -23.82	46.92 0.34 -25.52	57.59 0.63 -22.23	79.93 0.96 -22.16	76.69 0.84 -26.42	86.41 1.02 -21.36	80.88 0.63 -27.71	69.70 0.69 -15.77	63.89 0.68 -17.84	60.49 0.58 -18.11	58.66 0.57 -17.27	57.87 0.52 -16.93	58.15 0.55 -18.37	74.89 0.84 -13.75	109.44 1.45 -4.59	119.91 1.77 0.00	106.04 1.26 -0.19	88.81 0.95 -8.94	85.13 0.79 -5.16	75.46 0.61 -6.78	53.00 0.59 -6.99
BURROWS___LYONSDAL 23803	25.84 0.33 0.00	21.30 0.23 0.00	21.91 0.24 0.00	21.74 0.24 0.00	21.33 0.27 0.00	35.36 0.63 0.00	58.46 1.65 0.00	50.87 1.43 0.00	65.76 1.73 0.00	54.00 1.47 0.00	54.62 1.38 0.00	46.23 0.86 0.00	42.51 0.71 0.00	41.47 0.65 0.00	41.06 0.64 0.00	39.77 0.55 0.00	61.50 1.21 0.00	106.20 2.79 0.00	121.32 3.19 0.00	106.47 1.88 0.00	80.41 1.50 0.00	80.67 1.50 0.00	69.30 1.23 0.00	46.15 0.72 0.00
CAITHNESS_CC_1 323624	105.37 3.16 -76.70	102.53 2.97 -78.49	100.13 3.10 -75.36	99.52 3.03 -74.99	101.83 2.97 -77.80	106.41 4.10 -67.58	129.27 5.28 -67.18	134.66 5.14 -80.08	135.15 7.30 -63.83	141.32 5.99 -82.81	108.21 7.14 -47.84	105.82 6.30 -54.15	103.25 6.35 -55.10	100.43 6.16 -53.44	99.38 6.26 -52.70	101.82 5.88 -56.71	110.78 8.20 -42.29	131.25 13.95 -13.89	134.31 16.19 0.01	120.13 14.75 -0.80	117.37 10.97 -27.49	107.64 11.64 -16.82	100.48 11.03 -21.38	98.38 6.99 -45.97



CALPINE BETH_PAGE_GT4 24209	106.12 3.27 -77.35	103.41 2.80 -79.54	101.26 2.86 -76.72	100.71 2.77 -76.44	102.78 2.78 -78.94	107.17 4.34 -68.09	130.18 6.19 -67.18	135.40 5.88 -80.08	136.05 8.20 -63.83	142.06 6.73 -82.81	110.13 7.14 -49.75	107.80 6.03 -56.39	105.21 5.68 -57.73	102.83 5.59 -56.41	101.86 5.62 -55.82	104.10 5.37 -59.50	112.25 7.96 -44.00	130.84 13.54 -13.89	133.97 15.83 -0.01	120.01 14.02 -1.40	117.86 10.42 -28.53	109.64 10.68 -19.78	101.33 9.66 -23.60	99.49 6.22 -47.84
CALPINE_BETH_PAGE_GT_4 323586	106.12 3.27 -77.35	103.41 2.80 -79.54	101.26 2.86 -76.72	100.71 2.77 -76.44	102.78 2.78 -78.94	107.17 4.34 -68.09	130.18 6.19 -67.18	135.40 5.88 -80.08	136.05 8.20 -63.83	142.06 6.73 -82.81	110.13 7.14 -49.75	107.80 6.03 -56.39	105.21 5.68 -57.73	102.83 5.59 -56.41	101.86 5.62 -55.82	104.10 5.37 -59.50	112.25 7.96 -44.00	130.84 13.54 -13.89	133.97 15.83 -0.01	120.01 14.02 -1.40	117.86 10.42 -28.53	109.64 10.68 -19.78	101.33 9.66 -23.60	99.49 6.22 -47.84
CALPINE_BP_GT1 23823	106.12 3.27 -77.35	103.41 2.80 -79.54	101.26 2.86 -76.72	100.71 2.77 -76.44	102.78 2.78 -78.94	107.17 4.34 -68.09	130.18 6.19 -67.18	135.40 5.88 -80.08	136.05 8.20 -63.83	142.06 6.73 -82.81	110.13 7.14 -49.75	107.80 6.03 -56.39	105.21 5.68 -57.73	102.83 5.59 -56.41	101.86 5.62 -55.82	104.10 5.37 -59.50	112.25 7.96 -44.00	130.84 13.54 -13.89	133.97 15.83 -0.01	120.01 14.02 -1.40	117.86 10.42 -28.53	109.64 10.68 -19.78	101.33 9.66 -23.60	99.49 6.22 -47.84
CALSPAN___DRP 24200	37.93 -0.64 -13.05	33.98 -0.42 -13.33	33.78 -0.39 -12.49	33.51 -0.32 -12.33	33.95 -0.32 -13.21	45.65 -0.59 -11.51	66.63 -1.65 -11.47	61.53 -1.58 -13.67	72.84 -2.30 -11.11	64.38 -2.57 -14.42	58.89 -2.55 -8.21	52.79 -1.86 -9.28	49.63 -1.59 -9.42	48.14 -1.63 -8.95	47.53 -1.66 -8.77	47.33 -1.41 -9.52	65.00 -2.41 -7.12	101.75 -4.03 -2.38	113.28 -4.85 0.00	99.67 -5.02 -0.10	79.44 -4.11 -4.63	77.65 -4.20 -2.67	67.91 -3.68 -3.51	47.09 -1.95 -3.62
CANDIGU_WT_PWR 323617	42.60 -0.15 -17.24	38.59 -0.08 -17.61	38.11 -0.06 -16.50	37.76 -0.02 -16.28	38.51 0.00 -17.45	50.00 0.07 -15.20	71.73 -0.23 -15.15	67.25 -0.25 -18.06	78.19 -0.51 -14.67	70.52 -1.05 -19.04	63.12 -0.96 -10.84	57.04 -0.59 -12.26	53.74 -0.50 -12.44	52.10 -0.53 -11.80	51.46 -0.53 -11.57	51.39 -0.39 -12.56	68.97 -0.72 -9.40	105.30 -1.24 -3.13	116.72 -1.41 0.00	102.94 -1.78 -0.13	83.61 -1.42 -6.12	81.28 -1.42 -3.53	71.34 -1.36 -4.63	49.75 -0.45 -4.78
CARR STREET_E_SYR 24060	31.47 -0.38 -6.34	27.23 -0.32 -6.48	27.42 -0.32 -6.07	27.19 -0.30 -5.99	27.19 -0.29 -6.42	39.91 0.07 -5.59	61.76 -0.62 -5.57	55.44 -0.64 -6.64	68.35 -0.90 -5.22	58.45 -0.84 -6.77	56.18 -0.91 -3.85	49.00 -0.73 -4.36	45.51 -0.71 -4.42	44.50 -0.69 -4.37	43.97 -0.73 -4.28	43.24 -0.63 -4.65	62.75 -1.03 -3.48	102.81 -1.76 -1.16	116.36 -1.77 0.00	102.76 -1.88 -0.05	79.76 -1.42 -2.26	78.90 -1.58 -1.31	68.35 -1.43 -1.71	46.33 -0.86 -1.77
CARTHAGE___PAPER 23857	27.99 -0.03 -2.50	23.54 -0.08 -2.56	23.98 -0.09 -2.39	23.78 -0.09 -2.36	23.57 -0.02 -2.53	37.15 0.21 -2.21	60.08 1.08 -2.20	53.15 1.09 -2.62	66.86 1.02 -1.81	55.83 0.95 -2.35	55.42 0.85 -1.34	47.16 0.27 -1.51	43.50 0.17 -1.53	42.57 0.12 -1.62	42.08 0.08 -1.59	40.91 -0.04 -1.72	62.01 0.43 -1.29	105.49 1.65 -0.43	119.91 1.77 0.00	104.92 0.31 -0.02	80.15 0.40 -0.84	80.06 0.40 -0.48	68.98 0.27 -0.64	46.22 0.14 -0.66
CE_DUNWOOD___DRP 24194	104.16 2.37 -76.28	100.98 2.00 -77.91	96.73 2.06 -73.00	95.57 2.04 -72.03	100.23 1.98 -77.18	105.10 3.13 -67.24	128.71 4.89 -67.02	134.03 4.70 -79.89	134.30 6.60 -63.68	140.60 5.46 -82.61	105.95 5.70 -47.02	103.32 4.76 -53.19	100.20 4.43 -53.98	97.34 4.33 -52.19	95.91 4.33 -51.17	98.91 4.16 -55.53	108.06 6.21 -41.55	128.12 10.85 -13.86	130.42 12.29 0.00	115.84 10.67 -0.58	113.91 7.97 -27.03	102.85 8.08 -15.60	95.70 7.15 -20.48	71.18 4.64 -21.12
CE_MILLWOOD___DRP 24193	103.78 2.27 -76.00	100.60 1.92 -77.62	96.40 1.99 -72.73	95.24 1.98 -71.76	99.86 1.90 -76.90	104.74 3.02 -66.99	128.24 4.66 -66.77	133.53 4.50 -79.59	133.81 6.34 -63.44	140.09 5.25 -82.31	105.57 5.48 -46.84	102.99 4.63 -52.99	99.84 4.27 -53.78	96.99 4.17 -52.00	95.56 4.16 -50.98	98.55 4.00 -55.32	107.66 5.97 -41.40	127.65 10.44 -13.80	129.94 11.81 0.00	115.52 10.36 -0.57	113.58 7.74 -26.93	102.55 7.84 -15.54	95.35 6.87 -20.40	70.92 4.45 -21.04
CE_NYC2_DRP 24202	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.33 7.49 -63.82	141.47 6.14 -82.79	115.84 6.49 -56.11	104.07 5.40 -53.31	100.91 5.01 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.99 7.05 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.29 12.13 -0.58	115.00 8.99 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.90 5.31 -21.17
CE_NYC_DRP 24195	104.58 2.63 -76.44	101.36 2.21 -78.08	97.13 2.30 -73.16	95.94 2.26 -72.18	100.58 2.17 -77.35	105.59 3.47 -67.38	129.48 5.51 -67.16	134.74 5.24 -80.06	135.20 7.36 -63.81	141.41 6.09 -82.79	106.63 6.28 -47.12	103.93 5.26 -53.30	100.78 4.89 -54.10	97.86 4.73 -52.31	96.46 4.77 -51.28	99.42 4.55 -55.65	108.75 6.81 -41.64	129.28 11.99 -13.89	131.59 13.46 0.00	116.88 11.71 -0.58	114.68 8.68 -27.09	103.52 8.71 -15.63	96.42 7.82 -20.52	71.68 5.09 -21.17
CHAFFEE___LFGE 323603	38.60 -0.41 -13.50	34.61 -0.25 -13.79	34.38 -0.22 -12.92	34.10 -0.15 -12.75	34.60 -0.13 -13.66	46.36 -0.28 -11.90	67.65 -1.02 -11.86	62.59 -0.99 -14.14	73.99 -1.54 -11.50	65.45 -2.00 -14.91	59.81 -1.91 -8.49	53.65 -1.32 -9.60	50.41 -1.13 -9.75	48.89 -1.19 -9.25	48.28 -1.21 -9.07	48.09 -0.98 -9.85	65.97 -1.69 -7.37	103.17 -2.69 -2.46	114.70 -3.43 0.00	100.93 -3.76 -0.10	80.55 -3.16 -4.79	78.69 -3.25 -2.77	68.78 -2.93 -3.63	47.67 -1.50 -3.75
CHATEAUG_WT_PWR 323614	24.64 -0.87 0.00	20.33 -0.74 0.00	20.83 -0.85 0.00	20.60 -0.90 0.00	20.18 -0.88 0.00	33.21 -1.53 0.00	54.14 -2.67 0.00	47.36 -2.07 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	51.00 -2.23 0.00	43.33 -2.04 0.00	39.87 -1.92 0.00	38.99 -1.84 0.00	38.64 -1.78 0.00	37.27 -1.96 0.00	57.58 -2.71 0.00	98.55 -4.86 0.00	112.70 -5.43 0.00	101.45 -3.13 0.00	76.47 -2.45 0.00	76.80 -2.37 0.00	66.03 -2.04 0.00	44.20 -1.22 0.00
CHAT_HIGH_FALL_HYD 323578	24.57 -0.94 0.00	20.25 -0.82 0.00	20.74 -0.93 0.00	20.53 -0.97 0.00	20.09 -0.97 0.00	33.07 -1.67 0.00	53.85 -2.96 0.00	47.17 -2.27 0.00	60.57 -3.46 0.00	50.06 -2.47 0.00	50.79 -2.45 0.00	43.15 -2.22 0.00	39.71 -2.09 0.00	38.82 -2.00 0.00	38.48 -1.94 0.00	37.07 -2.16 0.00	57.40 -2.89 0.00	98.14 -5.27 0.00	112.23 -5.90 0.00	101.24 -3.35 0.00	76.23 -2.68 0.00	76.56 -2.61 0.00	65.83 -2.24 0.00	44.06 -1.36 0.00
CHAUTAUQUA___LFGE 323629	38.51 -0.28 -13.28	34.48 -0.15 -13.56	34.27 -0.11 -12.71	34.02 -0.02 -12.54	34.48 -0.02 -13.44	46.37 -0.07 -11.71	67.80 -0.68 -11.67	62.70 -0.64 -13.91	74.24 -1.09 -11.30	65.56 -1.63 -14.66	59.99 -1.60 -8.34	53.77 -1.04 -9.44	50.54 -0.84 -9.58	48.98 -0.94 -9.10	48.36 -0.97 -8.92	48.16 -0.75 -9.68	66.21 -1.33 -7.24	103.75 -2.07 -2.42	115.42 -2.71 0.00	101.45 -3.24 -0.10	80.86 -2.76 -4.71	79.12 -2.77 -2.72	69.05 -2.59 -3.57	47.83 -1.27 -3.68



CH_MIDHUDSON___DRP 24192	109.46 2.37 -81.58	106.37 1.98 -83.32	101.81 2.06 -78.07	100.58 2.04 -77.03	105.57 1.96 -82.55	109.80 3.16 -71.91	133.42 4.94 -71.67	139.62 4.75 -85.44	138.71 6.60 -68.09	146.28 5.41 -88.34	109.15 5.64 -50.27	107.01 4.76 -56.88	103.91 4.39 -57.72	100.89 4.25 -55.82	99.38 4.24 -54.73	102.73 4.12 -59.38	110.93 6.21 -44.42	129.07 10.85 -14.81	130.42 12.29 0.00	115.88 10.67 -0.62	115.86 8.05 -28.90	104.01 8.16 -16.68	97.05 7.08 -21.89	72.50 4.50 -22.58
CH_MISC_IPPS 23765	106.57 2.40 -78.67	103.42 2.00 -80.35	99.04 2.08 -75.28	97.85 2.06 -74.28	102.64 1.98 -79.60	107.27 3.19 -69.34	130.92 5.00 -69.11	136.67 4.85 -82.39	136.41 6.72 -65.66	143.23 5.51 -85.19	107.47 5.75 -48.48	105.08 4.86 -54.85	101.94 4.47 -55.67	98.93 4.29 -53.83	97.47 4.28 -52.77	100.65 4.16 -57.27	109.45 6.33 -42.83	128.86 11.17 -14.28	130.78 12.65 0.00	116.16 10.98 -0.59	114.98 8.21 -27.86	103.56 8.31 -16.08	96.33 7.15 -21.11	71.74 4.54 -21.77
CH_RES_BVR_FALLS 23983	20.71 -0.59 4.21	16.28 -0.48 4.30	17.12 -0.52 4.03	17.01 -0.52 3.98	16.27 -0.53 4.26	30.19 -0.83 3.71	51.80 -1.30 3.70	43.94 -1.09 4.41	59.01 -1.41 3.61	46.75 -1.11 4.68	49.51 -1.06 2.66	41.40 -0.95 3.01	37.90 -0.84 3.06	37.12 -0.82 2.89	36.81 -0.77 2.83	35.40 -0.75 3.07	56.96 -1.03 2.30	100.98 -1.66 0.77	116.36 -1.77 0.00	103.19 -1.36 0.03	76.47 -0.94 1.50	77.44 -0.87 0.86	66.19 -0.75 1.13	43.76 -0.50 1.17
CH_RES_NIAGARA 23895	36.30 -1.33 -12.12	32.45 -0.99 -12.38	32.32 -0.95 -11.60	32.06 -0.88 -11.44	32.46 -0.86 -12.26	43.78 -1.63 -10.68	63.70 -3.75 -10.65	58.42 -3.71 -12.69	69.09 -5.25 -10.31	60.97 -4.94 -13.38	55.85 -5.01 -7.61	50.08 -3.90 -8.61	47.11 -3.43 -8.74	45.69 -3.43 -8.30	45.11 -3.44 -8.13	44.99 -3.06 -8.83	61.71 -5.19 -6.61	96.72 -8.89 -2.20	107.73 -10.40 0.00	94.74 -9.94 -0.09	75.40 -7.81 -4.30	73.81 -7.84 -2.48	64.73 -6.60 -3.26	45.11 -3.68 -3.36
CH_RES_SYRACUSE 23985	33.47 -0.18 -8.13	29.23 -0.15 -8.31	29.31 -0.15 -7.78	29.03 -0.15 -7.68	29.17 -0.13 -8.23	41.76 -0.14 -7.17	63.90 -0.06 -7.15	57.76 -0.20 -8.52	70.76 -0.38 -7.11	61.39 -0.37 -9.23	58.01 -0.48 -5.25	50.99 -0.32 -5.94	47.45 -0.38 -6.03	46.03 -0.37 -5.58	45.52 -0.36 -5.47	44.84 -0.32 -5.93	64.31 -0.42 -4.44	104.17 -0.72 -1.48	117.54 -0.59 0.00	103.81 -0.84 -0.06	81.25 -0.55 -2.89	80.13 -0.71 -1.67	69.51 -0.75 -2.19	47.27 -0.41 -2.26
CLINTON_WT_PWR 323605	24.64 -0.87 0.00	20.33 -0.74 0.00	20.83 -0.85 0.00	20.60 -0.90 0.00	20.18 -0.88 0.00	33.21 -1.53 0.00	54.14 -2.67 0.00	47.36 -2.07 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	51.00 -2.23 0.00	43.33 -2.04 0.00	39.87 -1.92 0.00	38.99 -1.84 0.00	38.64 -1.78 0.00	37.27 -1.96 0.00	57.58 -2.71 0.00	98.55 -4.86 0.00	112.70 -5.43 0.00	101.45 -3.13 0.00	76.47 -2.45 0.00	76.80 -2.37 0.00	66.03 -2.04 0.00	44.20 -1.22 0.00
CLINTON___LFGE 323618	24.87 -0.64 0.00	20.50 -0.57 0.00	21.00 -0.67 0.00	20.77 -0.73 0.00	20.35 -0.72 0.00	33.45 -1.28 0.00	54.42 -2.38 0.00	47.76 -1.68 0.00	61.15 -2.88 0.00	50.64 -1.89 0.00	51.43 -1.81 0.00	43.65 -1.72 0.00	40.08 -1.72 0.00	39.23 -1.59 0.00	38.84 -1.58 0.00	37.38 -1.84 0.00	57.94 -2.35 0.00	98.96 -4.44 0.00	113.17 -4.96 0.00	102.60 -1.99 0.00	77.10 -1.81 0.00	77.27 -1.90 0.00	66.30 -1.77 0.00	44.43 -1.00 0.00
COLONIE_LFGE___ 323577	131.14 1.89 -103.74	128.56 1.54 -105.96	122.54 1.58 -99.28	121.03 1.57 -97.96	127.59 1.56 -104.97	128.82 2.64 -91.44	152.50 4.55 -91.14	162.14 4.05 -108.65	156.00 5.44 -86.53	169.16 4.36 -112.27	121.61 4.47 -63.89	121.46 3.81 -72.28	118.67 3.51 -73.36	115.23 3.43 -70.98	113.40 3.40 -69.59	118.07 3.33 -75.52	122.05 5.24 -56.51	131.76 9.51 -18.84	128.99 10.86 0.00	114.79 9.42 -0.78	122.54 6.86 -36.76	107.11 6.73 -21.21	101.57 5.65 -27.85	77.69 3.55 -28.72
CORNELL___ 23752	42.74 -0.10 -17.33	38.72 -0.04 -17.70	38.21 -0.04 -16.58	37.82 -0.04 -16.36	38.55 -0.04 -17.53	50.01 0.00 -15.27	72.32 0.29 -15.22	67.88 0.30 -18.15	79.54 0.26 -15.25	72.37 0.05 -19.79	64.55 0.05 -11.26	58.15 0.05 -12.74	54.68 -0.04 -12.93	52.65 -0.04 -11.87	51.97 -0.08 -11.64	51.85 0.00 -12.63	69.87 0.12 -9.45	106.97 0.42 -3.15	118.84 0.71 0.00	104.93 0.21 -0.13	85.30 0.24 -6.15	82.72 0.00 -3.55	72.46 -0.27 -4.66	50.14 -0.09 -4.80
COXSACKIE___GT 23611	112.23 2.32 -84.40	109.17 1.90 -86.21	104.42 1.97 -80.77	103.16 1.96 -79.70	108.38 1.92 -85.40	112.29 3.16 -74.40	136.25 5.28 -74.15	142.78 4.94 -88.40	141.13 6.66 -70.44	149.22 5.30 -91.39	110.68 5.43 -52.01	108.75 4.54 -58.84	105.65 4.14 -59.72	102.41 3.84 -57.75	100.83 3.80 -56.62	104.47 3.80 -61.44	112.29 6.09 -45.91	130.09 11.37 -15.31	131.13 12.99 0.00	116.20 10.98 -0.64	116.91 8.13 -29.86	104.40 7.99 -17.23	97.23 6.54 -22.63	72.71 3.95 -23.33
CRESCENT___HYD 24018	131.14 1.89 -103.74	128.56 1.54 -105.96	122.54 1.58 -99.28	121.03 1.57 -97.96	127.59 1.56 -104.97	128.82 2.64 -91.44	152.50 4.55 -91.14	162.14 4.05 -108.65	156.00 5.44 -86.53	169.16 4.36 -112.27	121.61 4.47 -63.89	121.46 3.81 -72.28	118.67 3.51 -73.36	115.23 3.43 -70.98	113.40 3.40 -69.59	118.07 3.33 -75.52	122.05 5.24 -56.51	131.76 9.51 -18.84	128.99 10.86 0.00	114.79 9.42 -0.78	122.54 6.86 -36.76	107.11 6.73 -21.21	101.57 5.65 -27.85	77.69 3.55 -28.72
CRUCIBLE_METL_DRP 24180	33.47 -0.18 -8.13	29.23 -0.15 -8.31	29.31 -0.15 -7.78	29.03 -0.15 -7.68	29.17 -0.13 -8.23	41.76 -0.14 -7.17	63.90 -0.06 -7.15	57.76 -0.20 -8.52	70.76 -0.38 -7.11	61.39 -0.37 -9.23	58.01 -0.48 -5.25	50.99 -0.32 -5.94	47.45 -0.38 -6.03	46.03 -0.37 -5.58	45.52 -0.36 -5.47	44.84 -0.32 -5.93	64.31 -0.42 -4.44	104.17 -0.72 -1.48	117.54 -0.59 0.00	103.81 -0.84 -0.06	81.25 -0.55 -2.89	80.13 -0.71 -1.67	69.51 -0.75 -2.19	47.27 -0.41 -2.26
DANC___LFGE 323619	28.53 0.08 -2.94	24.07 0.00 -3.00	24.47 -0.02 -2.82	24.28 0.00 -2.78	24.08 0.04 -2.98	37.67 0.35 -2.59	60.81 1.42 -2.58	53.90 1.38 -3.08	67.65 1.41 -2.22	56.62 1.21 -2.88	56.00 1.12 -1.64	47.72 0.50 -1.85	44.01 0.33 -1.88	43.08 0.33 -1.93	42.60 0.28 -1.90	41.44 0.16 -2.06	62.56 0.73 -1.54	106.30 2.38 -0.51	120.62 2.48 0.00	105.35 0.74 -0.02	80.70 0.79 -1.00	80.54 0.79 -0.58	69.37 0.54 -0.76	46.48 0.27 -0.78
DANSKAMMER___1 23586	106.57 2.40 -78.67	103.42 2.00 -80.35	99.04 2.08 -75.28	97.85 2.06 -74.28	102.64 1.98 -79.60	107.27 3.19 -69.34	130.92 5.00 -69.11	136.67 4.85 -82.39	136.41 6.72 -65.66	143.23 5.51 -85.19	107.47 5.75 -48.48	105.08 4.86 -54.85	101.94 4.47 -55.67	98.93 4.29 -53.83	97.47 4.28 -52.77	100.65 4.16 -57.27	109.45 6.33 -42.83	128.86 11.17 -14.28	130.78 12.65 0.00	116.16 10.98 -0.59	114.98 8.21 -27.86	103.56 8.31 -16.08	96.33 7.15 -21.11	71.74 4.54 -21.77
DANSKAMMER___2 23589	106.57 2.40 -78.67	103.42 2.00 -80.35	99.04 2.08 -75.28	97.85 2.06 -74.28	102.64 1.98 -79.60	107.27 3.19 -69.34	130.92 5.00 -69.11	136.67 4.85 -82.39	136.41 6.72 -65.66	143.23 5.51 -85.19	107.47 5.75 -48.48	105.08 4.86 -54.85	101.94 4.47 -55.67	98.93 4.29 -53.83	97.47 4.28 -52.77	100.65 4.16 -57.27	109.45 6.33 -42.83	128.86 11.17 -14.28	130.78 12.65 0.00	116.16 10.98 -0.59	114.98 8.21 -27.86	103.56 8.31 -16.08	96.33 7.15 -21.11	71.74 4.54 -21.77



DANSKAMMER___3 23590	106.57 2.40 -78.67	103.42 2.00 -80.35	99.04 2.08 -75.28	97.85 2.06 -74.28	102.64 1.98 -79.60	107.27 3.19 -69.34	130.92 5.00 -69.11	136.67 4.85 -82.39	136.41 6.72 -65.66	143.23 5.51 -85.19	107.47 5.75 -48.48	105.08 4.86 -54.85	101.94 4.47 -55.67	98.93 4.29 -53.83	97.47 4.28 -52.77	100.65 4.16 -57.27	109.45 6.33 -42.83	128.86 11.17 -14.28	130.78 12.65 0.00	116.16 10.98 -0.59	114.98 8.21 -27.86	103.56 8.31 -16.08	96.33 7.15 -21.11	71.74 4.54 -21.77
DANSKAMMER___4 23591	106.57 2.40 -78.67	103.42 2.00 -80.35	99.04 2.08 -75.28	97.85 2.06 -74.28	102.64 1.98 -79.60	107.27 3.19 -69.34	130.92 5.00 -69.11	136.67 4.85 -82.39	136.41 6.72 -65.66	143.23 5.51 -85.19	107.47 5.75 -48.48	105.08 4.86 -54.85	101.94 4.47 -55.67	98.93 4.29 -53.83	97.47 4.28 -52.77	100.65 4.16 -57.27	109.45 6.33 -42.83	128.86 11.17 -14.28	130.78 12.65 0.00	116.16 10.98 -0.59	114.98 8.21 -27.86	103.56 8.31 -16.08	96.33 7.15 -21.11	71.74 4.54 -21.77
DANSKAMMER___DIESEL 23592	106.57 2.40 -78.67	103.42 2.00 -80.35	99.04 2.08 -75.28	97.85 2.06 -74.28	102.64 1.98 -79.60	107.27 3.19 -69.34	130.92 5.00 -69.11	136.67 4.85 -82.39	136.41 6.72 -65.66	143.23 5.51 -85.19	107.47 5.75 -48.48	105.08 4.86 -54.85	101.94 4.47 -55.67	98.93 4.29 -53.83	97.47 4.28 -52.77	100.65 4.16 -57.27	109.45 6.33 -42.83	128.86 11.17 -14.28	130.78 12.65 0.00	116.16 10.98 -0.59	114.98 8.21 -27.86	103.56 8.31 -16.08	96.33 7.15 -21.11	71.74 4.54 -21.77
DASHVILLE___HYD 23610	106.62 1.89 -79.22	103.56 1.58 -80.91	99.14 1.65 -75.82	97.94 1.63 -74.81	102.80 1.58 -80.16	107.03 2.47 -69.83	130.16 3.75 -69.60	136.07 3.66 -82.97	135.28 5.12 -66.13	142.47 4.15 -85.79	106.43 4.37 -48.83	104.28 3.67 -55.24	101.24 3.38 -56.06	98.30 3.27 -54.21	96.80 3.23 -53.15	100.03 3.14 -57.67	108.00 4.71 -43.00	126.12 8.37 -14.34	127.59 9.45 0.00	113.35 8.16 -0.60	113.05 6.16 -27.97	101.65 6.34 -16.14	94.85 5.58 -21.19	70.83 3.55 -21.86
DELAWARE___LFGE 323621	59.83 1.05 -33.28	55.94 0.88 -33.99	54.43 0.91 -31.85	53.83 0.90 -31.42	55.64 0.91 -33.67	65.59 1.53 -29.33	88.71 2.67 -29.24	86.76 2.47 -34.85	95.31 3.33 -27.95	91.42 2.63 -36.26	76.64 2.77 -20.64	70.98 2.27 -23.35	67.50 2.01 -23.70	65.56 1.96 -22.77	64.64 1.90 -22.33	65.34 1.88 -24.23	81.44 3.01 -18.14	114.83 5.37 -6.05	124.15 6.02 0.00	109.76 4.92 -0.25	94.50 3.79 -11.80	89.70 3.72 -6.81	80.21 3.20 -8.94	56.69 2.05 -9.22
DOGLEVILLE___HYD 23807	25.77 2.25 1.98	20.89 1.85 2.03	21.68 1.91 1.90	21.52 1.89 1.87	20.91 1.85 2.01	36.11 3.13 1.75	60.23 5.17 1.74	51.61 4.25 2.08	67.62 5.51 1.92	54.46 4.41 2.49	56.24 4.42 1.41	47.53 3.76 1.60	43.64 3.47 1.62	42.84 3.39 1.37	42.47 3.40 1.34	41.03 3.25 1.45	64.15 4.94 1.09	111.73 8.69 0.36	128.06 9.92 0.00	113.15 8.58 0.02	84.75 6.55 0.71	85.97 7.20 0.41	73.73 6.19 0.54	49.05 4.18 0.55
DUNKIRK___1 23563	38.43 -0.33 -13.25	34.43 -0.17 -13.53	34.23 -0.13 -12.68	33.95 -0.06 -12.51	34.43 -0.04 -13.41	46.31 -0.10 -11.68	67.65 -0.80 -11.64	62.58 -0.74 -13.88	74.09 -1.22 -11.28	65.43 -1.73 -14.63	59.86 -1.71 -8.33	53.66 -1.13 -9.42	50.44 -0.92 -9.56	48.92 -0.98 -9.08	48.26 -1.05 -8.90	48.06 -0.83 -9.66	66.07 -1.45 -7.23	103.54 -2.28 -2.41	115.18 -2.95 0.00	101.24 -3.45 -0.10	80.70 -2.92 -4.70	78.96 -2.93 -2.71	68.91 -2.72 -3.56	47.74 -1.36 -3.67
DUNKIRK___2 23564	38.43 -0.33 -13.25	34.43 -0.17 -13.53	34.23 -0.13 -12.68	33.95 -0.06 -12.51	34.43 -0.04 -13.41	46.31 -0.10 -11.68	67.65 -0.80 -11.64	62.58 -0.74 -13.88	74.09 -1.22 -11.28	65.43 -1.73 -14.63	59.86 -1.71 -8.33	53.66 -1.13 -9.42	50.44 -0.92 -9.56	48.92 -0.98 -9.08	48.26 -1.05 -8.90	48.06 -0.83 -9.66	66.07 -1.45 -7.23	103.54 -2.28 -2.41	115.18 -2.95 0.00	101.24 -3.45 -0.10	80.70 -2.92 -4.70	78.96 -2.93 -2.71	68.91 -2.72 -3.56	47.74 -1.36 -3.67
DUNKIRK___3 23565	38.18 -0.43 -13.10	34.17 -0.27 -13.38	33.97 -0.24 -12.54	33.72 -0.15 -12.37	34.17 -0.15 -13.26	46.00 -0.28 -11.55	67.18 -1.14 -11.51	62.07 -1.09 -13.72	73.51 -1.67 -11.15	64.89 -2.10 -14.46	59.39 -2.08 -8.23	53.27 -1.41 -9.31	50.07 -1.17 -9.45	48.53 -1.27 -8.97	47.91 -1.29 -8.79	47.71 -1.06 -9.54	65.57 -1.87 -7.14	102.79 -3.00 -2.38	114.35 -3.78 0.00	100.61 -4.08 -0.10	80.17 -3.39 -4.65	78.37 -3.48 -2.68	68.46 -3.13 -3.52	47.46 -1.59 -3.63
DUNKIRK___4 23566	38.18 -0.43 -13.10	34.17 -0.27 -13.38	33.97 -0.24 -12.54	33.72 -0.15 -12.37	34.17 -0.15 -13.26	46.00 -0.28 -11.55	67.18 -1.14 -11.51	62.07 -1.09 -13.72	73.51 -1.67 -11.15	64.89 -2.10 -14.46	59.39 -2.08 -8.23	53.27 -1.41 -9.31	50.07 -1.17 -9.45	48.53 -1.27 -8.97	47.91 -1.29 -8.79	47.71 -1.06 -9.54	65.57 -1.87 -7.14	102.79 -3.00 -2.38	114.35 -3.78 0.00	100.61 -4.08 -0.10	80.17 -3.39 -4.65	78.37 -3.48 -2.68	68.46 -3.13 -3.52	47.46 -1.59 -3.63
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	104.43 2.47 -76.44	101.23 2.09 -78.08	97.00 2.17 -73.16	95.83 2.15 -72.18	100.48 2.07 -77.35	105.38 3.26 -67.38	129.08 5.11 -67.16	134.39 5.11 -80.06	134.69 6.85 -63.81	140.99 5.68 -82.79	106.26 5.91 -47.12	103.66 4.99 -53.30	100.53 4.64 -54.10	97.62 4.49 -52.31	96.18 4.49 -51.28	99.19 4.31 -55.65	108.39 6.45 -41.64	128.57 11.27 -13.89	130.89 12.76 0.00	116.25 11.08 -0.58	114.29 8.28 -27.09	103.19 8.39 -15.63	96.02 7.42 -20.52	71.40 4.81 -21.17
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	103.36 2.14 -75.71	100.18 1.79 -77.33	95.99 1.86 -72.45	94.84 1.85 -71.49	99.44 1.77 -76.61	104.32 2.85 -66.74	127.70 4.37 -66.51	132.98 4.25 -79.29	133.24 6.02 -63.20	139.41 4.89 -81.99	105.07 5.16 -46.66	102.52 4.36 -52.79	99.39 4.01 -53.58	96.51 3.88 -51.80	95.08 3.88 -50.79	98.10 3.77 -55.11	107.12 5.61 -41.22	127.08 9.93 -13.74	129.36 11.23 0.00	114.89 9.73 -0.57	112.98 7.26 -26.81	102.09 7.44 -15.47	94.86 6.47 -20.31	70.51 4.13 -20.95
E179THST_138_KV_TB4_REV_LBMP_J 345001	104.70 2.73 -76.46	101.41 2.26 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.66 2.23 -77.36	105.81 3.68 -67.40	129.78 5.80 -67.17	134.65 5.14 -80.07	135.01 7.17 -63.81	141.20 5.88 -82.79	106.58 6.23 -47.11	103.88 5.22 -53.30	100.69 4.80 -54.09	97.78 4.65 -52.30	96.56 4.85 -51.29	99.34 4.47 -55.64	108.69 6.75 -41.65	129.19 11.89 -13.90	131.72 13.58 -0.01	116.88 11.71 -0.58	114.69 8.68 -27.09	103.59 8.79 -15.63	96.36 7.76 -20.53	72.05 5.45 -21.17
EAST HAMPTON___GT 23717	107.21 5.00 -76.70	104.03 4.47 -78.50	101.66 4.62 -75.37	101.03 4.54 -74.99	103.33 4.46 -77.81	109.06 6.74 -67.58	133.99 10.00 -67.18	138.76 9.24 -80.08	140.34 12.49 -63.83	145.43 10.09 -82.81	112.37 11.29 -47.84	109.32 9.80 -54.16	106.35 9.44 -55.11	103.50 9.22 -53.45	102.43 9.30 -52.72	104.81 8.86 -56.72	115.67 13.08 -42.29	140.46 23.16 -13.89	145.07 26.94 0.00	129.55 24.17 -0.80	124.17 17.76 -27.50	114.06 18.06 -16.83	105.73 16.27 -21.39	101.62 10.22 -45.97
EAST RIVER___6 23660	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.54 2.13 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.69 5.19 -80.06	135.14 7.30 -63.81	141.41 6.09 -82.79	106.58 6.23 -47.12	103.93 5.26 -53.30	100.74 4.85 -54.10	97.86 4.73 -52.31	96.42 4.73 -51.28	99.38 4.51 -55.65	108.75 6.81 -41.64	129.18 11.89 -13.89	131.48 13.34 0.00	116.77 11.61 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17



EAST RIVER___7 23524	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.54 2.13 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.69 5.19 -80.06	135.14 7.30 -63.81	141.41 6.09 -82.79	106.58 6.23 -47.12	103.93 5.26 -53.30	100.74 4.85 -54.10	97.86 4.73 -52.31	96.42 4.73 -51.28	99.38 4.51 -55.65	108.75 6.81 -41.64	129.18 11.89 -13.89	131.48 13.34 0.00	116.77 11.61 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	104.16 2.37 -76.28	100.98 2.00 -77.91	96.73 2.06 -73.00	95.57 2.04 -72.03	100.23 1.98 -77.18	105.10 3.13 -67.24	128.71 4.89 -67.02	134.03 4.70 -79.89	134.30 6.60 -63.68	140.60 5.46 -82.61	105.95 5.70 -47.02	103.32 4.76 -53.19	100.20 4.43 -53.98	97.34 4.33 -52.19	95.91 4.33 -51.17	98.91 4.16 -55.53	108.06 6.21 -41.55	128.12 10.85 -13.86	130.42 12.29 0.00	115.84 10.67 -0.58	113.91 7.97 -27.03	102.85 8.08 -15.60	95.70 7.15 -20.48	71.18 4.64 -21.12
EAST_HAMPTON___DIESEL 23722	107.21 5.00 -76.70	104.03 4.47 -78.50	101.68 4.64 -75.37	101.03 4.54 -74.99	103.36 4.49 -77.81	109.06 6.74 -67.58	133.99 10.00 -67.18	138.76 9.24 -80.08	140.34 12.49 -63.83	145.48 10.14 -82.81	112.37 11.29 -47.84	109.32 9.80 -54.16	106.35 9.44 -55.11	103.50 9.22 -53.45	102.43 9.30 -52.72	104.81 8.86 -56.72	115.67 13.08 -42.29	140.46 23.16 -13.89	145.07 26.94 0.00	129.55 24.17 -0.80	124.24 17.83 -27.50	114.06 18.06 -16.83	105.73 16.27 -21.39	101.62 10.22 -45.97
EAST_RIVER___1 323558	104.58 2.63 -76.44	101.36 2.21 -78.08	97.13 2.30 -73.16	95.94 2.26 -72.18	100.58 2.17 -77.35	105.59 3.47 -67.38	129.48 5.51 -67.16	134.74 5.24 -80.06	135.20 7.36 -63.81	141.41 6.09 -82.79	106.63 6.28 -47.12	103.93 5.26 -53.30	100.78 4.89 -54.10	97.86 4.73 -52.31	96.46 4.77 -51.28	99.42 4.55 -55.65	108.75 6.81 -41.64	129.28 11.99 -13.89	131.59 13.46 0.00	116.88 11.71 -0.58	114.68 8.68 -27.09	103.52 8.71 -15.63	96.42 7.82 -20.52	71.68 5.09 -21.17
EAST_RIVER___2 323559	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.54 2.13 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.69 5.19 -80.06	135.14 7.30 -63.81	141.41 6.09 -82.79	106.58 6.23 -47.12	103.93 5.26 -53.30	100.74 4.85 -54.10	97.86 4.73 -52.31	96.42 4.73 -51.28	99.38 4.51 -55.65	108.75 6.81 -41.64	129.18 11.89 -13.89	131.48 13.34 0.00	116.77 11.61 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17
EAST___DELAWARE_HYD 23607	96.54 1.15 -69.88	93.39 0.95 -71.37	89.55 1.00 -66.87	88.47 0.99 -65.98	92.72 0.95 -70.71	97.86 1.53 -61.60	120.64 2.44 -61.39	125.24 2.62 -73.18	126.21 3.84 -58.34	131.27 3.05 -75.69	99.56 3.25 -43.08	96.73 2.63 -48.73	93.64 2.38 -49.46	90.88 2.24 -47.81	89.51 2.22 -46.88	92.29 2.20 -50.87	101.45 3.31 -37.84	122.33 6.31 -12.62	125.10 6.97 0.00	110.97 5.85 -0.53	107.87 4.34 -24.62	97.81 4.43 -14.21	90.46 3.74 -18.65	66.88 2.23 -19.23
ELEC_TRO_TEK 24086	106.57 2.96 -78.10	104.31 2.48 -80.76	102.48 2.49 -78.31	102.03 2.41 -78.12	103.79 2.46 -80.27	107.34 3.92 -68.68	129.49 5.51 -67.18	134.76 5.24 -80.08	135.22 7.36 -63.83	141.43 6.09 -82.81	111.93 6.71 -51.98	110.00 5.62 -59.01	107.81 5.22 -60.79	105.81 5.10 -59.88	104.97 5.09 -59.46	106.88 4.90 -62.75	113.64 7.35 -46.00	129.60 12.30 -13.89	132.44 14.29 -0.02	119.34 12.65 -2.11	118.12 9.47 -29.74	111.90 9.50 -23.23	102.63 8.37 -26.19	100.76 5.31 -50.02
ELLENBURG_WT_PWR 323604	24.64 -0.87 0.00	20.33 -0.74 0.00	20.83 -0.85 0.00	20.60 -0.90 0.00	20.18 -0.88 0.00	33.21 -1.53 0.00	54.14 -2.67 0.00	47.36 -2.07 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	51.00 -2.23 0.00	43.33 -2.04 0.00	39.87 -1.92 0.00	38.99 -1.84 0.00	38.64 -1.78 0.00	37.27 -1.96 0.00	57.58 -2.71 0.00	98.55 -4.86 0.00	112.70 -5.43 0.00	101.45 -3.13 0.00	76.47 -2.45 0.00	76.80 -2.37 0.00	66.03 -2.04 0.00	44.20 -1.22 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.44 -0.82 -12.74	33.49 -0.59 -13.02	33.33 -0.54 -12.20	33.06 -0.47 -12.03	33.49 -0.46 -12.89	45.10 -0.87 -11.23	65.85 -2.16 -11.20	60.71 -2.07 -13.35	71.80 -3.07 -10.84	63.44 -3.15 -14.06	58.10 -3.14 -8.00	52.06 -2.36 -9.05	48.94 -2.05 -9.19	47.47 -2.08 -8.72	46.86 -2.10 -8.55	46.70 -1.80 -9.28	64.17 -3.07 -6.95	100.56 -5.17 -2.32	111.87 -6.26 0.00	98.41 -6.27 -0.10	78.38 -5.05 -4.52	76.71 -5.07 -2.61	67.07 -4.42 -3.42	46.55 -2.41 -3.53
EMPIRE_CC_1 323656	123.70 1.66 -96.54	121.03 1.37 -98.60	115.47 1.41 -92.39	114.05 1.40 -91.16	120.13 1.39 -97.68	122.12 2.29 -85.09	145.37 3.75 -84.81	153.85 3.31 -101.10	149.12 4.55 -80.55	160.71 3.68 -104.50	116.49 3.78 -59.47	115.87 3.22 -67.28	113.05 2.97 -68.28	109.77 2.90 -66.05	108.04 2.87 -64.76	112.32 2.83 -70.27	117.22 4.34 -52.59	128.49 7.54 -17.54	126.64 8.51 0.00	112.75 7.43 -0.73	118.65 5.52 -34.21	104.46 5.54 -19.74	98.75 4.76 -25.92	75.20 3.04 -26.73
EMPIRE_CC_2 323658	123.70 1.66 -96.54	121.03 1.37 -98.60	115.47 1.41 -92.39	114.05 1.40 -91.16	120.13 1.39 -97.68	122.12 2.29 -85.09	145.37 3.75 -84.81	153.85 3.31 -101.10	149.12 4.55 -80.55	160.71 3.68 -104.50	116.49 3.78 -59.47	115.87 3.22 -67.28	113.05 2.97 -68.28	109.77 2.90 -66.05	108.04 2.87 -64.76	112.32 2.83 -70.27	117.22 4.34 -52.59	128.49 7.54 -17.54	126.64 8.51 0.00	112.75 7.43 -0.73	118.65 5.52 -34.21	104.46 5.54 -19.74	98.75 4.76 -25.92	75.20 3.04 -26.73
ERIE_WT_PWR 323693	37.95 -0.61 -13.05	34.00 -0.40 -13.33	33.80 -0.37 -12.49	33.53 -0.30 -12.33	33.98 -0.29 -13.21	45.68 -0.56 -11.51	66.69 -1.59 -11.47	61.58 -1.53 -13.67	72.90 -2.24 -11.11	64.43 -2.52 -14.42	58.94 -2.50 -8.21	52.84 -1.82 -9.28	49.67 -1.55 -9.42	48.18 -1.59 -8.95	47.57 -1.62 -8.77	47.37 -1.37 -9.52	65.06 -2.35 -7.12	101.85 -3.93 -2.38	113.40 -4.73 0.00	99.77 -4.91 -0.10	79.53 -4.02 -4.63	77.73 -4.12 -2.67	67.97 -3.61 -3.51	47.14 -1.91 -3.62
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.63 -0.13 -17.25	38.62 -0.06 -17.62	38.12 -0.06 -16.51	37.75 -0.04 -16.29	38.48 -0.04 -17.46	49.91 -0.03 -15.21	72.19 0.23 -15.16	67.70 0.20 -18.07	79.45 0.19 -15.23	72.29 0.00 -19.76	64.48 0.00 -11.24	58.04 -0.05 -12.72	54.58 -0.13 -12.91	52.52 -0.12 -11.82	51.88 -0.12 -11.59	51.72 -0.08 -12.57	69.70 0.00 -9.41	106.75 0.21 -3.14	118.73 0.59 0.00	104.72 0.00 -0.13	85.12 0.08 -6.12	82.55 -0.16 -3.53	72.37 -0.34 -4.64	50.07 -0.14 -4.78
E_CANADA_CAP_HY 24051	151.40 0.23 -125.66	149.57 0.17 -128.34	142.08 0.15 -120.25	140.31 0.15 -118.65	148.44 0.23 -127.15	146.12 0.63 -110.76	169.14 1.93 -110.40	183.16 2.12 -131.60	171.63 2.75 -104.85	190.72 2.15 -136.03	132.84 2.18 -77.42	134.72 1.77 -87.59	132.15 1.46 -88.89	128.19 1.39 -85.98	126.00 1.29 -84.30	132.03 1.33 -91.47	131.22 2.47 -68.46	132.02 5.79 -22.83	124.86 6.73 0.00	110.56 5.02 -0.95	127.00 3.55 -44.53	107.96 3.08 -25.70	103.85 2.04 -33.74	81.17 0.96 -34.79
E_CANADA_MHWK_HY 24050	25.77 2.25 1.98	20.89 1.85 2.03	21.68 1.91 1.90	21.52 1.89 1.87	20.91 1.85 2.01	36.11 3.13 1.75	60.23 5.17 1.74	51.61 4.25 2.08	67.62 5.51 1.92	54.46 4.41 2.49	56.24 4.42 1.41	47.53 3.76 1.60	43.64 3.47 1.62	42.84 3.39 1.37	42.47 3.40 1.34	41.03 3.25 1.45	64.15 4.94 1.09	111.73 8.69 0.36	128.06 9.92 0.00	113.15 8.58 0.02	84.75 6.55 0.71	85.97 7.20 0.41	73.73 6.19 0.54	49.05 4.18 0.55



E_FISHKILL___LBMP 23776	105.75 2.22 -78.03	102.63 1.87 -79.69	98.27 1.93 -74.67	97.09 1.91 -73.68	101.87 1.85 -78.95	106.46 2.95 -68.78	129.90 4.55 -68.55	135.51 4.35 -81.72	135.24 6.09 -65.13	142.02 4.99 -84.50	106.60 5.27 -48.09	104.22 4.45 -54.40	101.15 4.14 -55.21	98.25 4.04 -53.39	96.76 4.00 -52.34	99.91 3.88 -56.80	108.58 5.79 -42.50	127.61 10.03 -14.17	129.47 11.34 0.00	115.01 9.83 -0.59	113.98 7.42 -27.65	102.73 7.60 -15.96	95.76 6.74 -20.95	71.39 4.36 -21.60
FAR ROCKAWAY___4 23548	108.88 3.44 -79.93	107.64 2.86 -83.71	106.69 2.86 -82.16	106.45 2.75 -82.20	107.35 2.82 -83.47	109.43 4.58 -70.12	130.57 6.59 -67.18	135.75 6.23 -80.08	136.44 8.58 -63.83	142.43 7.09 -82.81	118.39 7.77 -57.38	117.27 6.58 -65.32	116.04 6.06 -68.18	114.96 5.88 -68.26	114.52 5.86 -68.25	115.48 5.65 -70.60	119.74 8.62 -50.82	130.84 13.54 -13.89	134.01 15.83 -0.04	122.31 13.91 -3.81	121.91 10.34 -32.66	121.91 11.17 -31.57	110.18 9.66 -32.45	106.83 6.09 -55.31
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	104.61 2.65 -76.45	101.38 2.23 -78.08	97.15 2.32 -73.16	95.99 2.30 -72.19	100.60 2.19 -77.35	105.66 3.54 -67.38	129.54 5.57 -67.16	134.79 5.29 -80.06	135.27 7.42 -63.81	141.52 6.20 -82.79	106.69 6.33 -47.12	103.98 5.31 -53.30	100.82 4.93 -54.10	97.94 4.81 -52.31	96.51 4.81 -51.28	99.46 4.59 -55.65	108.87 6.93 -41.64	129.39 12.09 -13.89	131.71 13.58 0.00	116.98 11.81 -0.58	114.84 8.84 -27.09	103.67 8.87 -15.63	96.49 7.89 -20.53	71.72 5.13 -21.17
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	104.61 2.65 -76.45	101.38 2.23 -78.08	97.15 2.32 -73.16	95.96 2.28 -72.19	100.60 2.19 -77.35	105.66 3.54 -67.38	129.54 5.57 -67.16	134.79 5.29 -80.06	135.27 7.42 -63.81	141.46 6.14 -82.79	106.69 6.33 -47.12	103.98 5.31 -53.30	100.82 4.93 -54.10	97.90 4.77 -52.31	96.47 4.77 -51.28	99.42 4.55 -55.65	108.81 6.87 -41.64	129.28 11.99 -13.89	131.71 13.58 0.00	116.98 11.81 -0.58	114.76 8.76 -27.09	103.67 8.87 -15.63	96.49 7.89 -20.53	71.72 5.13 -21.17
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	104.58 2.63 -76.45	101.36 2.21 -78.08	97.13 2.30 -73.16	95.94 2.26 -72.19	100.58 2.17 -77.35	105.62 3.51 -67.38	129.48 5.51 -67.16	134.74 5.24 -80.06	135.20 7.36 -63.81	141.41 6.09 -82.79	106.64 6.28 -47.12	103.93 5.26 -53.30	100.78 4.89 -54.10	97.86 4.73 -52.31	96.42 4.73 -51.28	99.42 4.55 -55.65	108.75 6.81 -41.64	129.18 11.89 -13.89	131.59 13.46 0.00	116.88 11.71 -0.58	114.68 8.68 -27.09	103.52 8.71 -15.63	96.42 7.82 -20.53	71.68 5.09 -21.17
FARRAGUT___LBMP 323566	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.94 2.26 -72.19	100.56 2.15 -77.35	105.59 3.47 -67.38	129.42 5.45 -67.16	134.69 5.19 -80.06	135.14 7.30 -63.81	141.36 6.04 -82.79	106.53 6.17 -47.12	103.89 5.22 -53.30	100.70 4.80 -54.10	97.82 4.69 -52.31	96.38 4.69 -51.28	99.34 4.47 -55.65	108.69 6.75 -41.64	129.08 11.78 -13.89	131.48 13.34 0.00	116.67 11.50 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
FENNER___WINDPWR 24204	31.28 0.38 -5.39	26.89 0.32 -5.50	27.16 0.33 -5.16	26.91 0.32 -5.09	26.85 0.34 -5.45	40.18 0.69 -4.75	63.02 1.47 -4.73	56.46 1.38 -5.64	66.08 2.05 0.00	54.21 1.68 0.00	54.89 1.65 0.00	46.59 1.23 0.00	42.80 1.00 0.00	45.44 0.82 -3.80	44.95 0.81 -3.72	44.05 0.78 -4.04	64.70 1.39 -3.02	107.21 2.79 -1.01	121.32 3.19 0.00	106.72 2.09 -0.04	82.54 1.66 -1.97	81.89 1.58 -1.14	70.72 1.16 -1.49	47.73 0.77 -1.54
FIBERTEK___ENERGY 23856	33.47 -0.18 -8.13	29.23 -0.15 -8.31	29.31 -0.15 -7.78	29.03 -0.15 -7.68	29.17 -0.13 -8.23	41.76 -0.14 -7.17	63.90 -0.06 -7.15	57.76 -0.20 -8.52	70.76 -0.38 -7.11	61.39 -0.37 -9.23	58.01 -0.48 -5.25	50.99 -0.32 -5.94	47.45 -0.38 -6.03	46.03 -0.37 -5.58	45.52 -0.36 -5.47	44.84 -0.32 -5.93	64.31 -0.42 -4.44	104.17 -0.72 -1.48	117.54 -0.59 0.00	103.81 -0.84 -0.06	81.25 -0.55 -2.89	80.13 -0.71 -1.67	69.51 -0.75 -2.19	47.27 -0.41 -2.26
FITZPATRICK____ 23598	29.40 -0.82 -4.71	25.20 -0.67 -4.81	25.49 -0.69 -4.51	25.28 -0.67 -4.45	25.17 -0.65 -4.76	37.81 -1.08 -4.15	59.24 -1.70 -4.14	52.69 -1.68 -4.93	65.73 -2.30 -4.00	55.83 -1.89 -5.19	54.17 -2.02 -2.96	47.04 -1.68 -3.34	43.64 -1.55 -3.39	42.54 -1.51 -3.23	42.04 -1.54 -3.16	41.25 -1.41 -3.43	60.63 -2.23 -2.57	100.44 -3.82 -0.86	113.76 -4.37 0.00	100.54 -4.08 -0.04	77.51 -3.08 -1.67	77.05 -3.09 -0.96	66.61 -2.72 -1.27	45.01 -1.73 -1.31
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	106.78 2.45 -78.82	103.62 2.04 -80.51	99.23 2.13 -75.44	98.04 2.11 -74.43	102.84 2.02 -79.76	107.48 3.26 -69.48	131.18 5.11 -69.25	136.93 4.94 -82.55	136.68 6.85 -65.79	143.51 5.62 -85.36	107.73 5.91 -48.58	105.27 4.95 -54.96	102.13 4.56 -55.78	99.13 4.37 -53.93	97.66 4.37 -52.88	100.84 4.24 -57.38	109.67 6.45 -42.92	129.20 11.48 -14.31	131.01 12.88 0.00	116.38 11.20 -0.60	115.20 8.36 -27.92	103.76 8.48 -16.11	96.51 7.29 -21.15	71.88 4.64 -21.81
FORT ORANGE____ 23900	124.55 1.48 -97.56	121.95 1.24 -99.64	116.32 1.28 -93.37	114.89 1.27 -92.12	121.02 1.24 -98.72	122.81 2.08 -86.00	145.93 3.41 -85.71	154.58 2.97 -102.18	149.53 4.10 -81.40	161.44 3.31 -105.60	116.70 3.36 -60.10	116.27 2.91 -67.99	113.44 2.63 -69.00	110.15 2.57 -66.75	108.41 2.55 -65.45	112.76 2.51 -71.02	117.30 3.86 -53.14	127.84 6.72 -17.72	125.93 7.79 0.00	112.03 6.70 -0.74	118.46 4.97 -34.57	104.11 4.99 -19.95	98.49 4.22 -26.19	75.02 2.59 -27.01
FORT_DRUM_COGEN 23780	28.39 0.05 -2.83	23.93 -0.02 -2.89	24.36 -0.02 -2.71	24.15 -0.02 -2.67	23.97 0.04 -2.86	37.57 0.35 -2.49	60.65 1.36 -2.48	53.68 1.28 -2.96	67.49 1.35 -2.11	56.43 1.15 -2.74	55.86 1.06 -1.56	47.59 0.45 -1.77	43.92 0.33 -1.79	42.96 0.29 -1.85	42.48 0.24 -1.82	41.31 0.12 -1.97	62.43 0.66 -1.48	106.17 2.27 -0.49	120.49 2.36 0.00	105.35 0.74 -0.02	80.58 0.71 -0.96	80.44 0.71 -0.55	69.28 0.48 -0.73	46.45 0.27 -0.75
FPL_FAR_ROCK_GT1 24212	108.88 3.44 -79.93	107.64 2.86 -83.71	106.69 2.86 -82.16	106.45 2.75 -82.20	107.35 2.82 -83.47	109.43 4.58 -70.12	130.57 6.59 -67.18	135.75 6.23 -80.08	136.44 8.58 -63.83	142.43 7.09 -82.81	118.39 7.77 -57.38	117.27 6.58 -65.32	116.04 6.06 -68.18	114.96 5.88 -68.26	114.52 5.86 -68.25	115.48 5.65 -70.60	119.74 8.62 -50.82	130.84 13.54 -13.89	134.01 15.83 -0.04	122.31 13.91 -3.81	121.91 10.34 -32.66	121.91 11.17 -31.57	110.18 9.66 -32.45	106.83 6.09 -55.31
FPL_FAR_ROCK_GT2 23815	108.88 3.44 -79.93	107.64 2.86 -83.71	106.69 2.86 -82.16	106.45 2.75 -82.20	107.35 2.82 -83.47	109.43 4.58 -70.12	130.57 6.59 -67.18	135.75 6.23 -80.08	136.44 8.58 -63.83	142.43 7.09 -82.81	118.39 7.77 -57.38	117.27 6.58 -65.32	116.04 6.06 -68.18	114.96 5.88 -68.26	114.52 5.86 -68.25	115.48 5.65 -70.60	119.74 8.62 -50.82	130.84 13.54 -13.89	134.01 15.83 -0.04	122.31 13.91 -3.81	121.91 10.34 -32.66	121.91 11.17 -31.57	110.18 9.66 -32.45	106.83 6.09 -55.31
FRANKLIN_FALL_HYD 24054	24.75 -0.76 0.00	20.37 -0.69 0.00	20.89 -0.78 0.00	20.68 -0.82 0.00	20.26 -0.80 0.00	33.34 -1.39 0.00	54.37 -2.44 0.00	47.71 -1.73 0.00	61.02 -3.01 0.00	50.53 -2.00 0.00	51.32 -1.91 0.00	43.47 -1.90 0.00	40.00 -1.80 0.00	39.11 -1.71 0.00	38.72 -1.70 0.00	37.15 -2.08 0.00	57.58 -2.71 0.00	98.34 -5.06 0.00	112.35 -5.79 0.00	101.66 -2.93 0.00	76.39 -2.53 0.00	76.56 -2.61 0.00	65.89 -2.18 0.00	44.15 -1.27 0.00



FREEPORT_EQUS_GT1 23764	106.75	104.39	102.52	102.03	103.85	107.65	130.18	135.45	136.05	142.12	112.12	110.08	107.81	105.76	104.88	106.81	114.07	131.16	134.33	120.90	119.09	112.47	103.26	101.15
	3.27	2.78	2.82	2.71	2.76	4.34	6.19	5.93	8.20	6.78	7.29	6.17	5.77	5.67	5.66	5.41	8.14	13.86	16.19	14.33	10.65	10.68	9.46	6.09
	-77.97	-80.54	-78.03	-77.82	-80.03	-68.58	-67.18	-80.08	-63.83	-82.81	-51.58	-58.54	-60.24	-59.26	-58.81	-62.17	-45.64	-13.89	-0.01	-1.98	-29.52	-22.62	-25.73	-49.63
FREEPORT___CT2 23818	106.75	104.39	102.52	102.03	103.85	107.65	130.18	135.45	136.05	142.12	112.12	110.08	107.81	105.76	104.88	106.81	114.07	131.16	134.33	120.90	119.09	112.47	103.26	101.15
	3.27	2.78	2.82	2.71	2.76	4.34	6.19	5.93	8.20	6.78	7.29	6.17	5.77	5.67	5.66	5.41	8.14	13.86	16.19	14.33	10.65	10.68	9.46	6.09
	-77.97	-80.54	-78.03	-77.82	-80.03	-68.58	-67.18	-80.08	-63.83	-82.81	-51.58	-58.54	-60.24	-59.26	-58.81	-62.17	-45.64	-13.89	-0.01	-1.98	-29.52	-22.62	-25.73	-49.63
FULTON COGEN____ 23766	31.05	26.82	27.03	26.78	26.76	39.45	61.25	54.86	67.84	58.04	55.78	48.67	45.20	44.02	43.54	42.79	62.25	102.23	115.77	102.23	79.32	78.51	67.99	46.05
	-0.49	-0.40	-0.41	-0.41	-0.40	-0.59	-0.85	-0.89	-1.28	-1.11	-1.22	-0.95	-0.92	-0.94	-0.93	-0.83	-1.33	-2.28	-2.36	-2.40	-1.74	-1.90	-1.70	-1.04
	-6.02	-6.15	-5.77	-5.69	-6.10	-5.31	-5.29	-6.31	-5.10	-6.61	-3.76	-4.26	-4.32	-4.13	-4.05	-4.39	-3.29	-1.10	0.00	-0.05	-2.14	-1.23	-1.62	-1.67
FULTON___LFGE 323630	146.84	144.53	137.46	135.78	143.48	143.20	168.44	181.01	172.18	188.45	133.70	134.42	131.35	127.42	125.25	130.83	133.38	141.58	137.15	120.97	132.41	114.06	108.08	83.13
	2.22	1.81	1.80	1.81	1.90	3.47	6.99	6.82	8.77	6.99	7.08	6.03	5.31	5.10	4.93	4.90	8.20	16.54	19.02	15.48	11.28	10.53	8.03	4.72
	-119.11	-121.65	-113.99	-112.47	-120.52	-104.99	-104.65	-124.74	-99.38	-128.93	-73.38	-83.01	-84.25	-81.50	-79.90	-86.70	-64.89	-21.64	0.00	-0.90	-42.21	-24.36	-31.98	-32.98
G.F.CEMENT___DRP 24184	131.73	129.09	123.04	121.53	128.14	129.60	153.87	163.40	157.28	170.23	122.85	122.56	119.65	116.27	114.39	119.10	123.61	134.90	132.42	117.61	124.67	109.06	103.00	78.61
	2.27	1.85	1.88	1.87	1.90	3.23	5.74	5.09	6.53	5.20	5.59	4.76	4.35	4.33	4.24	4.20	6.69	12.61	14.29	12.23	8.91	8.63	7.01	4.41
	-103.95	-106.17	-99.48	-98.16	-105.19	-91.63	-91.33	-108.87	-86.71	-112.50	-64.03	-72.43	-73.51	-71.13	-69.73	-75.67	-56.63	-18.88	0.00	-0.79	-36.84	-21.26	-27.91	-28.78
GARDENVILLE___LBMP 24039	37.80	33.83	33.66	33.39	33.83	45.47	66.39	61.25	72.44	64.01	58.56	52.55	49.40	47.87	47.26	47.10	64.65	101.22	112.70	99.14	79.02	77.32	67.54	46.89
	-0.69	-0.48	-0.43	-0.37	-0.36	-0.69	-1.82	-1.78	-2.63	-2.84	-2.82	-2.04	-1.75	-1.84	-1.86	-1.57	-2.71	-4.55	-5.43	-5.55	-4.49	-4.51	-4.02	-2.13
	-12.97	-13.25	-12.42	-12.25	-13.13	-11.44	-11.40	-13.59	-11.04	-14.32	-8.15	-9.22	-9.36	-8.88	-8.71	-9.45	-7.07	-2.36	0.00	-0.10	-4.60	-2.66	-3.49	-3.59
GENERAL___MILLS 23808	37.93	33.98	33.78	33.51	33.95	45.65	66.63	61.53	72.84	64.38	58.89	52.79	49.63	48.14	47.53	47.33	65.00	101.75	113.28	99.67	79.44	77.65	67.91	47.09
	-0.64	-0.42	-0.39	-0.32	-0.32	-0.59	-1.65	-1.58	-2.30	-2.57	-2.55	-1.86	-1.59	-1.63	-1.66	-1.41	-2.41	-4.03	-4.85	-5.02	-4.11	-4.20	-3.68	-1.95
	-13.05	-13.33	-12.49	-12.33	-13.21	-11.51	-11.47	-13.67	-11.11	-14.42	-8.21	-9.28	-9.42	-8.95	-8.77	-9.52	-7.12	-2.38	0.00	-0.10	-4.63	-2.67	-3.51	-3.62
GE_PLASTICS___DRP 24183	125.19	122.60	116.92	115.48	121.66	123.30	146.35	155.13	149.83	161.96	116.89	116.55	113.78	110.48	108.70	113.08	117.42	127.45	125.22	111.50	118.38	103.93	98.39	75.12
	1.45	1.20	1.23	1.22	1.20	1.98	3.24	2.82	3.84	3.10	3.14	2.72	2.51	2.45	2.38	2.35	3.62	6.20	7.09	6.17	4.65	4.67	3.95	2.50
	-98.23	-100.33	-94.01	-92.76	-99.40	-86.59	-86.30	-102.88	-81.96	-106.33	-60.51	-68.46	-69.48	-67.21	-65.90	-71.51	-53.51	-17.84	0.00	-0.74	-34.81	-20.09	-26.37	-27.20
GILBOA___1 23756	103.54	100.55	96.24	95.08	99.81	104.14	126.96	132.16	131.36	138.31	103.25	101.30	98.38	95.50	94.04	97.22	105.27	122.22	123.68	110.19	110.16	98.92	92.17	68.96
	1.22	1.03	1.06	1.05	1.03	1.70	2.67	2.28	3.20	2.57	2.66	2.36	2.21	2.12	2.10	2.08	3.13	4.86	5.55	5.02	4.02	4.04	3.47	2.27
	-76.81	-78.45	-73.51	-72.53	-77.72	-67.71	-67.48	-80.44	-64.13	-83.20	-47.35	-53.57	-54.37	-52.56	-51.53	-55.91	-41.85	-13.95	0.00	-0.58	-27.22	-15.71	-20.62	-21.27
GILBOA___2 23757	103.54	100.55	96.24	95.08	99.81	104.14	126.96	132.16	131.36	138.31	103.25	101.30	98.38	95.50	94.04	97.22	105.27	122.22	123.68	110.19	110.16	98.92	92.17	68.96
	1.22	1.03	1.06	1.05	1.03	1.70	2.67	2.28	3.20	2.57	2.66	2.36	2.21	2.12	2.10	2.08	3.13	4.86	5.55	5.02	4.02	4.04	3.47	2.27
	-76.81	-78.45	-73.51	-72.53	-77.72	-67.71	-67.48	-80.44	-64.13	-83.20	-47.35	-53.57	-54.37	-52.56	-51.53	-55.91	-41.85	-13.95	0.00	-0.58	-27.22	-15.71	-20.62	-21.27
GILBOA___3 23758	103.54	100.55	96.24	95.08	99.81	104.14	126.96	132.16	131.36	138.31	103.25	101.30	98.38	95.50	94.04	97.22	105.27	122.22	123.68	110.19	110.16	98.92	92.17	68.96
	1.22	1.03	1.06	1.05	1.03	1.70	2.67	2.28	3.20	2.57	2.66	2.36	2.21	2.12	2.10	2.08	3.13	4.86	5.55	5.02	4.02	4.04	3.47	2.27
	-76.81	-78.45	-73.51	-72.53	-77.72	-67.71	-67.48	-80.44	-64.13	-83.20	-47.35	-53.57	-54.37	-52.56	-51.53	-55.91	-41.85	-13.95	0.00	-0.58	-27.22	-15.71	-20.62	-21.27
GILBOA___4 23759	103.54	100.55	96.24	95.08	99.81	104.14	126.96	132.16	131.36	138.31	103.25	101.30	98.38	95.50	94.04	97.22	105.27	122.22	123.68	110.19	110.16	98.92	92.17	68.96
	1.22	1.03	1.06	1.05	1.03	1.70	2.67	2.28	3.20	2.57	2.66	2.36	2.21	2.12	2.10	2.08	3.13	4.86	5.55	5.02	4.02	4.04	3.47	2.27
	-76.81	-78.45	-73.51	-72.53	-77.72	-67.71	-67.48	-80.44	-64.13	-83.20	-47.35	-53.57	-54.37	-52.56	-51.53	-55.91	-41.85	-13.95	0.00	-0.58	-27.22	-15.71	-20.62	-21.27
GILBOA____ 23599	103.54	100.55	96.24	95.08	99.81	104.14	126.96	132.16	131.36	138.31	103.25	101.30	98.38	95.50	94.04	97.22	105.27	122.22	123.68	110.19	110.16	98.92	92.17	68.96
	1.22	1.03	1.06	1.05	1.03	1.70	2.67	2.28	3.20	2.57	2.66	2.36	2.21	2.12	2.10	2.08	3.13	4.86	5.55	5.02	4.02	4.04	3.47	2.27
	-76.81	-78.45	-73.51	-72.53	-77.72	-67.71	-67.48	-80.44	-64.13	-83.20	-47.35	-53.57	-54.37	-52.56	-51.53	-55.91	-41.85	-13.95	0.00	-0.58	-27.22	-15.71	-20.62	-21.27
GINNA_____ 23603	32.87	28.98	29.00	28.76	28.95	40.57	61.21	55.81	67.42	58.78	54.96	48.58	45.32	44.03	43.49	43.03	60.88	97.94	110.09	96.70	76.01	74.79	65.02	44.42
	-1.79	-1.43	-1.43	-1.38	-1.37	-2.22	-3.64	-3.21	-4.42	-3.89	-4.05	-3.31	-3.09	-3.06	-3.07	-2.86	-4.40	-7.13	-8.04	-7.95	-6.16	-6.26	-5.51	-3.54
	-9.15	-9.35	-8.76	-8.64	-9.26	-8.07	-8.04	-9.58	-7.81	-10.13	-5.77	-6.52	-6.62	-6.27	-6.14	-6.67	-4.99	-1.66	0.00	-0.07	-3.25	-1.87	-2.46	-2.54
GLEN PARK_____ 23778	28.66	24.20	24.59	24.40	24.20	37.85	61.05	54.14	67.98	56.92	56.21	47.92	44.20	43.22	42.73	41.58	62.78	106.73	121.09	105.66	80.97	80.72	69.53	46.59
	0.13	0.04	0.02	0.04	0.08	0.45	1.59	1.53	1.66	1.42	1.28	0.63	0.46	0.41	0.36	0.24	0.91	2.79	2.95	1.05	1.02	0.95	0.68	0.36
	-3.02	-3.09	-2.89	-2.85	-3.06	-2.66	-2.65	-3.16	-2.29	-2.98	-1.69	-1.92	-1.94	-1.99	-1.95	-2.12	-1.58	-0.53	0.00	-0.02	-1.03	-0.59	-0.78	-0.81



GLENWOOD_IC_1_G5 23712	105.92 2.91 -77.50	103.30 2.44 -79.79	101.22 2.49 -77.05	100.71 2.43 -76.78	102.70 2.42 -79.21	106.84 3.89 -68.21	129.72 5.74 -67.18	135.01 5.49 -80.08	135.54 7.68 -63.83	141.69 6.35 -82.81	110.27 6.82 -50.21	108.02 5.72 -56.93	105.46 5.31 -58.36	103.14 5.19 -57.13	102.16 5.17 -56.57	104.38 4.98 -60.17	112.18 7.47 -44.41	129.70 12.40 -13.89	132.43 14.29 -0.01	118.68 12.55 -1.55	117.32 9.62 -28.78	109.40 9.74 -20.49	100.71 8.51 -24.13	99.16 5.45 -48.29
GLENWOOD_IC_2_G1 23688	105.23 2.73 -76.99	102.33 2.30 -78.96	99.98 2.34 -75.97	99.44 2.30 -75.63	101.65 2.28 -78.31	106.19 3.65 -67.81	129.39 5.40 -67.18	134.71 5.19 -80.08	135.09 7.23 -63.83	141.32 5.99 -82.81	108.31 6.39 -48.69	105.91 5.40 -55.15	103.08 5.01 -56.27	100.48 4.90 -54.76	99.40 4.89 -54.09	101.85 4.67 -57.96	110.39 7.05 -43.05	129.29 11.99 -13.89	131.95 13.81 0.00	117.78 12.13 -1.07	115.94 9.07 -27.95	106.49 9.18 -18.14	98.46 8.03 -22.36	97.35 5.13 -46.79
GLENWOOD_IC_3_G1 23689	105.23 2.73 -76.99	102.33 2.30 -78.96	99.98 2.34 -75.97	99.44 2.30 -75.63	101.65 2.28 -78.31	106.19 3.65 -67.81	129.39 5.40 -67.18	134.71 5.19 -80.08	135.09 7.23 -63.83	141.32 5.99 -82.81	108.31 6.39 -48.69	105.91 5.40 -55.15	103.08 5.01 -56.27	100.48 4.90 -54.76	99.40 4.89 -54.09	101.85 4.67 -57.96	110.39 7.05 -43.05	129.29 11.99 -13.89	131.95 13.81 0.00	117.78 12.13 -1.07	115.94 9.07 -27.95	106.49 9.18 -18.14	98.46 8.03 -22.36	97.35 5.13 -46.79
GLENWOOD___4 23550	105.92 2.91 -77.50	103.30 2.44 -79.79	101.22 2.49 -77.05	100.71 2.43 -76.78	102.70 2.42 -79.21	106.84 3.89 -68.21	129.72 5.74 -67.18	135.01 5.49 -80.08	135.54 7.68 -63.83	141.69 6.35 -82.81	110.27 6.82 -50.21	108.02 5.72 -56.93	105.46 5.31 -58.36	103.14 5.19 -57.13	102.16 5.17 -56.57	104.38 4.98 -60.17	112.18 7.47 -44.41	129.91 12.61 -13.89	132.67 14.53 -0.01	118.89 12.76 -1.55	117.32 9.62 -28.78	109.40 9.74 -20.49	100.71 8.51 -24.13	99.16 5.45 -48.29
GLENWOOD___5 23614	105.92 2.91 -77.50	103.30 2.44 -79.79	101.22 2.49 -77.05	100.71 2.43 -76.78	102.70 2.42 -79.21	106.84 3.89 -68.21	129.72 5.74 -67.18	135.01 5.49 -80.08	135.54 7.68 -63.83	141.69 6.35 -82.81	110.27 6.82 -50.21	108.02 5.72 -56.93	105.46 5.31 -58.36	103.14 5.19 -57.13	102.16 5.17 -56.57	104.38 4.98 -60.17	112.18 7.47 -44.41	129.91 12.61 -13.89	132.67 14.53 -0.01	118.89 12.76 -1.55	117.32 9.62 -28.78	109.40 9.74 -20.49	100.71 8.51 -24.13	99.16 5.45 -48.29
GLOBAL GREEN_PORT_GT1 23814	107.24 5.03 -76.70	104.05 4.49 -78.50	101.70 4.66 -75.37	101.05 4.56 -74.99	103.38 4.51 -77.81	109.13 6.81 -67.58	134.15 10.17 -67.18	138.91 9.40 -80.08	140.47 12.62 -63.83	145.58 10.24 -82.81	112.53 11.45 -47.85	109.51 9.98 -54.16	106.48 9.57 -55.11	103.59 9.31 -53.45	102.51 9.38 -52.72	104.89 8.95 -56.72	115.85 13.26 -42.29	140.88 23.58 -13.89	145.53 27.40 0.00	129.86 24.47 -0.80	124.48 18.07 -27.50	114.30 18.29 -16.83	105.79 16.33 -21.39	101.71 10.31 -45.97
GLOBE___DSASP 323697	36.26 -1.35 -12.10	32.39 -1.03 -12.36	32.28 -0.97 -11.58	32.02 -0.90 -11.42	32.40 -0.91 -12.24	43.73 -1.67 -10.66	63.52 -3.92 -10.63	58.25 -3.86 -12.67	68.88 -5.44 -10.29	60.79 -5.09 -13.36	55.68 -5.16 -7.60	49.93 -4.04 -8.60	46.97 -3.55 -8.73	45.56 -3.55 -8.28	44.98 -3.56 -8.12	44.86 -3.18 -8.81	61.52 -5.37 -6.60	96.40 -9.20 -2.20	107.38 -10.75 0.00	94.43 -10.25 -0.09	75.16 -8.05 -4.29	73.57 -8.08 -2.48	64.52 -6.81 -3.25	44.96 -3.82 -3.35
GOETHSLN___LBMP 323567	104.51 2.55 -76.45	101.30 2.15 -78.08	97.07 2.23 -73.16	95.90 2.22 -72.19	100.52 2.11 -77.35	105.49 3.37 -67.38	129.25 5.28 -67.16	134.55 5.05 -80.06	134.95 7.11 -63.81	141.25 5.93 -82.79	106.42 6.07 -47.12	103.75 5.08 -53.30	100.62 4.72 -54.10	97.70 4.57 -52.31	96.30 4.61 -51.28	99.27 4.39 -55.65	108.51 6.57 -41.64	128.77 11.48 -13.89	131.01 12.88 0.00	116.36 11.20 -0.58	114.36 8.36 -27.09	103.28 8.48 -15.63	96.22 7.62 -20.53	71.59 5.00 -21.17
GOODYEAR_LAKE_HYD 323669	48.79 0.97 -22.31	44.66 0.80 -22.79	43.85 0.82 -21.35	43.39 0.82 -21.07	44.48 0.84 -22.58	55.89 1.49 -19.67	79.31 2.90 -19.60	75.52 2.72 -23.37	86.45 3.65 -18.77	79.77 2.89 -24.35	70.08 2.98 -13.86	63.41 2.36 -15.68	59.80 2.09 -15.91	58.09 2.00 -15.27	57.29 1.90 -14.97	57.35 1.88 -16.25	75.58 3.13 -12.16	113.46 6.00 -4.05	124.86 6.73 0.00	109.98 5.23 -0.17	90.77 3.94 -7.91	87.62 3.88 -4.56	77.20 3.13 -5.99	53.60 2.00 -6.18
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.90 0.33 -25.06	46.96 0.29 -25.59	45.96 0.30 -23.98	45.49 0.32 -23.66	46.75 0.34 -25.36	57.41 0.59 -22.09	79.68 0.85 -22.02	76.42 0.74 -26.24	86.15 0.90 -21.22	80.59 0.53 -27.53	69.50 0.59 -15.67	63.69 0.59 -17.73	60.29 0.50 -17.99	58.47 0.49 -17.15	57.68 0.45 -16.82	57.98 0.51 -18.25	74.68 0.73 -13.66	109.21 1.25 -4.56	119.66 1.53 0.00	105.82 1.05 -0.19	88.59 0.79 -8.89	85.01 0.71 -5.13	75.28 0.48 -6.73	52.92 0.55 -6.94
GOUDEY___7 23579	50.93 0.36 -25.06	46.98 0.32 -25.59	45.98 0.33 -23.98	45.51 0.34 -23.66	46.75 0.34 -25.36	57.45 0.63 -22.09	79.73 0.91 -22.02	76.47 0.79 -26.24	86.21 0.96 -21.22	80.64 0.58 -27.53	69.55 0.64 -15.67	63.73 0.63 -17.73	60.33 0.54 -17.99	58.51 0.53 -17.15	57.72 0.49 -16.82	57.98 0.51 -18.25	74.73 0.78 -13.66	109.30 1.34 -4.56	119.78 1.65 0.00	105.93 1.15 -0.19	88.67 0.87 -8.89	85.01 0.71 -5.13	75.35 0.54 -6.73	52.96 0.59 -6.94
GOUDEY___8 23580	50.90 0.33 -25.06	46.96 0.29 -25.59	45.96 0.30 -23.98	45.49 0.32 -23.66	46.75 0.34 -25.36	57.41 0.59 -22.09	79.68 0.85 -22.02	76.42 0.74 -26.24	86.15 0.90 -21.22	80.59 0.53 -27.53	69.50 0.59 -15.67	63.69 0.59 -17.73	60.29 0.50 -17.99	58.47 0.49 -17.15	57.68 0.45 -16.82	57.98 0.51 -18.25	74.68 0.73 -13.66	109.21 1.25 -4.56	119.66 1.53 0.00	105.82 1.05 -0.19	88.59 0.79 -8.89	85.01 0.71 -5.13	75.28 0.48 -6.73	52.92 0.55 -6.94
GOWANUS_GT1_1 24077	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT1_2 24078	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT1_3 24079	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17



GOWANUS_GT1_4 24080	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT1_5 24084	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT1_6 24111	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT1_7 24112	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT1_8 24113	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT2_1 24114	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT2_2 24115	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT2_3 24116	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT2_4 24117	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT2_5 24118	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT2_6 24119	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT2_7 24120	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT2_8 24121	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT3_1 24122	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT3_2 24123	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17



GOWANUS_GT3_3 24124	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT3_4 24125	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT3_5 24126	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT3_6 24127	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT3_7 24128	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT3_8 24129	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.53 6.17 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.35 7.76 -20.53	71.63 5.04 -21.17
GOWANUS_GT4_1 24130	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT4_2 24131	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT4_3 24132	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT4_4 24133	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT4_5 24134	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT4_6 24135	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT4_7 24136	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GOWANUS_GT4_8 24137	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GREENIDGE___3 23582	40.18 -0.66 -15.34	36.21 -0.53 -15.66	35.81 -0.54 -14.68	35.47 -0.52 -14.48	36.12 -0.46 -15.52	47.59 -0.66 -13.52	69.26 -1.02 -13.47	64.61 -0.89 -16.06	75.82 -1.35 -13.13	68.10 -1.47 -17.04	61.45 -1.49 -9.70	55.21 -1.13 -10.97	51.84 -1.09 -11.13	50.23 -1.10 -10.50	49.58 -1.13 -10.30	49.42 -0.98 -11.17	67.15 -1.50 -8.36	103.71 -2.48 -2.79	115.65 -2.49 0.00	101.98 -2.72 -0.12	82.30 -2.05 -5.44	80.01 -2.30 -3.14	70.01 -2.18 -4.12	48.45 -1.22 -4.25



GREENIDGE___4 23583	40.18 -0.66 -15.34	36.21 -0.53 -15.66	35.81 -0.54 -14.68	35.47 -0.52 -14.48	36.12 -0.46 -15.52	47.59 -0.66 -13.52	69.26 -1.02 -13.47	64.61 -0.89 -16.06	75.82 -1.35 -13.13	68.10 -1.47 -17.04	61.45 -1.49 -9.70	55.21 -1.13 -10.97	51.84 -1.09 -11.13	50.23 -1.10 -10.50	49.58 -1.13 -10.30	49.42 -0.98 -11.17	67.15 -1.50 -8.36	103.71 -2.48 -2.79	115.65 -2.49 0.00	101.98 -2.72 -0.12	82.30 -2.05 -5.44	80.01 -2.30 -3.14	70.01 -2.18 -4.12	48.45 -1.22 -4.25
GREENWD_138_KV_38B11_REV_LBMP_J 345004	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
GROVEVILLE___HYD 323602	106.78 2.45 -78.82	103.62 2.04 -80.51	99.23 2.13 -75.44	98.04 2.11 -74.43	102.84 2.02 -79.76	107.48 3.26 -69.48	131.18 5.11 -69.25	136.93 4.94 -82.55	136.68 6.85 -65.79	143.51 5.62 -85.36	107.73 5.91 -48.58	105.27 4.95 -54.96	102.13 4.56 -55.78	99.13 4.37 -53.93	97.66 4.37 -52.88	100.84 4.24 -57.38	109.67 6.45 -42.92	129.20 11.48 -14.31	131.01 12.88 0.00	116.38 11.20 -0.60	115.20 8.36 -27.92	103.76 8.48 -16.11	96.51 7.29 -21.15	71.88 4.64 -21.81
HAMPSHIRE___PAPER_HYD 323593	24.90 -0.61 0.00	20.52 -0.55 0.00	21.09 -0.58 0.00	20.92 -0.58 0.00	20.51 -0.55 0.00	33.97 -0.76 0.00	56.07 -0.74 0.00	48.85 -0.59 0.00	62.75 -1.28 0.00	51.64 -0.89 0.00	52.33 -0.91 0.00	44.19 -1.18 0.00	40.75 -1.04 0.00	39.80 -1.02 0.00	39.41 -1.01 0.00	37.85 -1.37 0.00	58.54 -1.75 0.00	100.72 -2.69 0.00	114.95 -3.18 0.00	101.45 -3.13 0.00	76.70 -2.21 0.00	77.11 -2.06 0.00	66.51 -1.56 0.00	44.47 -0.96 0.00
HARDSCRABBLE_WT_PWR 323673	25.31 1.79 1.98	20.51 1.47 2.03	21.27 1.49 1.90	21.11 1.48 1.87	20.51 1.45 2.01	35.45 2.47 1.75	59.21 4.14 1.74	50.72 3.36 2.08	66.47 4.36 1.92	53.56 3.52 2.49	55.34 3.51 1.41	46.72 2.95 1.60	42.89 2.72 1.62	42.11 2.65 1.37	41.74 2.67 1.34	40.36 2.59 1.45	63.12 3.92 1.09	109.97 6.93 0.36	126.05 7.92 0.00	111.47 6.90 0.02	83.41 5.21 0.71	84.54 5.78 0.41	72.57 5.04 0.54	48.23 3.36 0.55
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	99.67 2.19 -71.97	96.40 1.83 -73.51	92.46 1.91 -68.87	91.35 1.89 -67.96	95.69 1.81 -72.82	101.09 2.92 -63.44	124.58 4.55 -63.23	129.26 4.45 -75.37	130.39 6.28 -60.09	135.58 5.09 -77.95	102.98 5.37 -44.37	100.05 4.49 -50.19	96.91 4.18 -50.94	94.11 4.04 -49.24	92.70 4.00 -48.28	95.50 3.88 -52.39	105.41 5.91 -39.21	126.92 10.44 -13.07	129.94 11.81 0.00	115.39 10.26 -0.54	112.07 7.65 -25.51	101.57 7.68 -14.72	94.07 6.67 -19.33	69.58 4.23 -19.93
HARZA MOOSE___RIVER 24016	25.84 0.33 0.00	21.30 0.23 0.00	21.91 0.24 0.00	21.74 0.24 0.00	21.33 0.27 0.00	35.36 0.63 0.00	58.46 1.65 0.00	50.87 1.43 0.00	65.76 1.73 0.00	54.00 1.47 0.00	54.62 1.38 0.00	46.23 0.86 0.00	42.51 0.71 0.00	41.47 0.65 0.00	41.06 0.64 0.00	39.77 0.55 0.00	61.50 1.21 0.00	106.20 2.79 0.00	121.32 3.19 0.00	106.47 1.88 0.00	80.41 1.50 0.00	80.67 1.50 0.00	69.30 1.23 0.00	46.15 0.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	104.72 2.76 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.81 3.68 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.79 6.44 -56.11	104.07 5.40 -53.31	100.87 4.97 -54.10	97.99 4.86 -52.31	96.64 4.93 -51.29	99.50 4.63 -55.65	108.99 7.05 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.29 12.13 -0.58	115.00 8.99 -27.09	103.75 8.94 -15.63	96.49 7.89 -20.53	71.95 5.36 -21.17
HEMPSTEAD___ 23647	106.17 3.01 -77.65	103.65 2.55 -80.03	101.62 2.58 -77.36	101.13 2.51 -77.11	103.06 2.53 -79.47	107.06 3.99 -68.33	129.72 5.74 -67.18	135.01 5.49 -80.08	135.54 7.68 -63.83	141.69 6.35 -82.81	110.76 6.87 -50.65	108.58 5.76 -57.44	106.15 5.39 -58.96	103.90 5.27 -57.81	103.00 5.29 -57.29	105.10 5.06 -60.81	112.63 7.54 -44.80	130.12 12.82 -13.89	133.03 14.88 -0.01	119.35 13.07 -1.68	117.71 9.78 -29.02	110.24 9.90 -21.17	101.50 8.78 -24.64	99.73 5.59 -48.72
HICKLING___1 23621	45.27 0.20 -19.55	41.25 0.21 -19.97	40.60 0.22 -18.71	40.20 0.24 -18.46	41.12 0.27 -19.79	52.49 0.52 -17.24	74.61 0.63 -17.18	70.46 0.54 -20.48	81.27 0.57 -16.66	74.10 -0.05 -21.62	65.60 0.05 -12.30	59.52 0.23 -13.92	56.13 0.21 -14.13	54.38 0.16 -13.39	53.66 0.12 -13.13	53.67 0.20 -14.24	71.20 0.24 -10.66	107.27 0.31 -3.56	118.73 0.59 0.00	104.84 0.10 -0.15	85.93 0.08 -6.94	83.02 -0.16 -4.00	73.06 -0.27 -5.26	51.12 0.27 -5.42
HICKLING___2 23622	45.27 0.20 -19.55	41.25 0.21 -19.97	40.60 0.22 -18.71	40.20 0.24 -18.46	41.12 0.27 -19.79	52.49 0.52 -17.24	74.61 0.63 -17.18	70.46 0.54 -20.48	81.27 0.57 -16.66	74.10 -0.05 -21.62	65.60 0.05 -12.30	59.52 0.23 -13.92	56.13 0.21 -14.13	54.38 0.16 -13.39	53.66 0.12 -13.13	53.67 0.20 -14.24	71.20 0.24 -10.66	107.27 0.31 -3.56	118.73 0.59 0.00	104.84 0.10 -0.15	85.93 0.08 -6.94	83.02 -0.16 -4.00	73.06 -0.27 -5.26	51.12 0.27 -5.42
HIGH FALLS___HY 23754	104.34 2.12 -76.72	101.19 1.77 -78.35	96.91 1.82 -73.42	95.75 1.81 -72.44	100.43 1.75 -77.62	105.20 2.85 -67.62	128.64 4.43 -67.40	134.18 4.40 -80.34	134.21 6.15 -64.04	140.60 4.99 -83.08	105.74 5.22 -47.28	103.22 4.36 -53.49	100.10 4.01 -54.29	97.15 3.84 -52.49	95.68 3.80 -51.46	98.80 3.73 -55.84	107.35 5.54 -41.51	127.28 10.03 -13.84	129.47 11.34 0.00	114.89 9.73 -0.58	113.17 7.26 -27.00	102.12 7.36 -15.58	94.79 6.26 -20.46	70.47 3.95 -21.10
HILLBURN___GT 23639	100.48 2.22 -72.75	97.25 1.87 -74.30	93.23 1.93 -69.62	92.11 1.91 -68.70	96.53 1.85 -73.61	101.81 2.95 -64.13	125.32 4.60 -63.92	130.13 4.50 -76.19	131.11 6.34 -60.74	136.48 5.15 -78.80	103.52 5.43 -44.85	100.69 4.58 -50.74	97.51 4.22 -51.49	94.73 4.12 -49.78	93.30 4.08 -48.81	96.15 3.96 -52.96	105.90 5.97 -39.64	127.06 10.44 -13.22	129.94 11.81 0.00	115.39 10.26 -0.55	112.35 7.65 -25.78	101.82 7.76 -14.88	94.41 6.81 -19.54	69.93 4.36 -20.15
HISHELDN_WT_PWR 323625	38.81 -0.66 -13.96	34.86 -0.46 -14.26	34.60 -0.43 -13.36	34.32 -0.37 -13.18	34.83 -0.36 -14.13	46.42 -0.62 -12.31	67.37 -1.70 -12.27	62.43 -1.63 -14.62	73.48 -2.43 -11.88	65.32 -2.63 -15.41	59.46 -2.55 -8.77	53.43 -1.86 -9.92	50.24 -1.63 -10.07	48.71 -1.68 -9.56	48.09 -1.70 -9.37	47.98 -1.41 -10.17	65.49 -2.41 -7.61	101.81 -4.14 -2.54	113.28 -4.85 0.00	99.68 -5.02 -0.11	79.84 -4.02 -4.95	78.00 -4.03 -2.86	68.28 -3.54 -3.75	47.43 -1.86 -3.87
HOLTSVILLE_IC_1 23690	105.32 3.11 -76.70	102.49 2.93 -78.49	100.09 3.06 -75.35	99.49 3.01 -74.98	101.79 2.93 -77.80	106.34 4.03 -67.58	129.15 5.17 -67.18	134.56 5.05 -80.08	134.96 7.11 -63.83	141.22 5.88 -82.81	108.10 7.03 -47.83	105.73 6.22 -54.14	103.12 6.23 -55.09	100.34 6.08 -53.43	99.25 6.14 -52.69	101.73 5.80 -56.70	110.59 8.02 -42.28	130.84 13.54 -13.89	133.84 15.71 0.01	119.71 14.33 -0.79	117.05 10.65 -27.49	107.39 11.40 -16.81	100.27 10.82 -21.37	98.29 6.90 -45.96



HOLTSVILLE_IC_10 23699	105.50 3.27 -76.72	102.65 3.05 -78.53	100.27 3.19 -75.41	99.68 3.14 -75.04	101.96 3.05 -77.84	106.57 4.24 -67.60	129.49 5.51 -67.18	134.86 5.34 -80.08	135.34 7.49 -63.83	141.53 6.20 -82.81	108.54 7.40 -47.90	106.17 6.58 -54.22	103.55 6.56 -55.19	100.73 6.37 -53.54	99.65 6.43 -52.81	102.11 6.08 -56.81	111.14 8.50 -42.34	131.77 14.48 -13.89	134.89 16.77 0.00	120.67 15.27 -0.82	117.81 11.37 -27.53	108.05 11.96 -16.92	100.90 11.37 -21.46	98.68 7.22 -46.03
HOLTSVILLE_IC_2 23691	105.32 3.11 -76.70	102.49 2.93 -78.49	100.09 3.06 -75.35	99.49 3.01 -74.98	101.79 2.93 -77.80	106.34 4.03 -67.58	129.15 5.17 -67.18	134.56 5.05 -80.08	134.96 7.11 -63.83	141.22 5.88 -82.81	108.10 7.03 -47.83	105.73 6.22 -54.14	103.12 6.23 -55.09	100.34 6.08 -53.43	99.25 6.14 -52.69	101.73 5.80 -56.70	110.59 8.02 -42.28	130.84 13.54 -13.89	133.84 15.71 0.01	119.71 14.33 -0.79	117.05 10.65 -27.49	107.39 11.40 -16.81	100.27 10.82 -21.37	98.29 6.90 -45.96
HOLTSVILLE_IC_3 23692	105.32 3.11 -76.70	102.49 2.93 -78.49	100.09 3.06 -75.35	99.49 3.01 -74.98	101.79 2.93 -77.80	106.34 4.03 -67.58	129.15 5.17 -67.18	134.56 5.05 -80.08	134.96 7.11 -63.83	141.22 5.88 -82.81	108.10 7.03 -47.83	105.73 6.22 -54.14	103.12 6.23 -55.09	100.34 6.08 -53.43	99.25 6.14 -52.69	101.73 5.80 -56.70	110.59 8.02 -42.28	130.84 13.54 -13.89	133.84 15.71 0.01	119.71 14.33 -0.79	117.05 10.65 -27.49	107.39 11.40 -16.81	100.27 10.82 -21.37	98.29 6.90 -45.96
HOLTSVILLE_IC_4 23693	105.32 3.11 -76.70	102.49 2.93 -78.49	100.09 3.06 -75.35	99.49 3.01 -74.98	101.79 2.93 -77.80	106.34 4.03 -67.58	129.15 5.17 -67.18	134.56 5.05 -80.08	134.96 7.11 -63.83	141.22 5.88 -82.81	108.10 7.03 -47.83	105.73 6.22 -54.14	103.12 6.23 -55.09	100.34 6.08 -53.43	99.25 6.14 -52.69	101.73 5.80 -56.70	110.59 8.02 -42.28	130.84 13.54 -13.89	133.84 15.71 0.01	119.71 14.33 -0.79	117.05 10.65 -27.49	107.39 11.40 -16.81	100.27 10.82 -21.37	98.29 6.90 -45.96
HOLTSVILLE_IC_5 23694	105.32 3.11 -76.70	102.49 2.93 -78.49	100.09 3.06 -75.35	99.49 3.01 -74.98	101.79 2.93 -77.80	106.34 4.03 -67.58	129.15 5.17 -67.18	134.56 5.05 -80.08	134.96 7.11 -63.83	141.22 5.88 -82.81	108.10 7.03 -47.83	105.73 6.22 -54.14	103.12 6.23 -55.09	100.34 6.08 -53.43	99.25 6.14 -52.69	101.73 5.80 -56.70	110.59 8.02 -42.28	130.84 13.54 -13.89	133.84 15.71 0.01	119.71 14.33 -0.79	117.05 10.65 -27.49	107.39 11.40 -16.81	100.27 10.82 -21.37	98.29 6.90 -45.96
HOLTSVILLE_IC_6 23695	105.50 3.27 -76.72	102.65 3.05 -78.53	100.27 3.19 -75.41	99.68 3.14 -75.04	101.96 3.05 -77.84	106.57 4.24 -67.60	129.49 5.51 -67.18	134.86 5.34 -80.08	135.34 7.49 -63.83	141.53 6.20 -82.81	108.54 7.40 -47.90	106.17 6.58 -54.22	103.55 6.56 -55.19	100.73 6.37 -53.54	99.65 6.43 -52.81	102.11 6.08 -56.81	111.14 8.50 -42.34	131.77 14.48 -13.89	134.89 16.77 0.00	120.67 15.27 -0.82	117.81 11.37 -27.53	108.05 11.96 -16.92	100.90 11.37 -21.46	98.68 7.22 -46.03
HOLTSVILLE_IC_7 23696	105.50 3.27 -76.72	102.65 3.05 -78.53	100.27 3.19 -75.41	99.68 3.14 -75.04	101.96 3.05 -77.84	106.57 4.24 -67.60	129.49 5.51 -67.18	134.86 5.34 -80.08	135.34 7.49 -63.83	141.53 6.20 -82.81	108.54 7.40 -47.90	106.17 6.58 -54.22	103.55 6.56 -55.19	100.73 6.37 -53.54	99.65 6.43 -52.81	102.11 6.08 -56.81	111.14 8.50 -42.34	131.77 14.48 -13.89	134.89 16.77 0.00	120.67 15.27 -0.82	117.81 11.37 -27.53	108.05 11.96 -16.92	100.90 11.37 -21.46	98.68 7.22 -46.03
HOLTSVILLE_IC_8 23697	105.50 3.27 -76.72	102.65 3.05 -78.53	100.27 3.19 -75.41	99.68 3.14 -75.04	101.96 3.05 -77.84	106.57 4.24 -67.60	129.49 5.51 -67.18	134.86 5.34 -80.08	135.34 7.49 -63.83	141.53 6.20 -82.81	108.54 7.40 -47.90	106.17 6.58 -54.22	103.55 6.56 -55.19	100.73 6.37 -53.54	99.65 6.43 -52.81	102.11 6.08 -56.81	111.14 8.50 -42.34	131.77 14.48 -13.89	134.89 16.77 0.00	120.67 15.27 -0.82	117.81 11.37 -27.53	108.05 11.96 -16.92	100.90 11.37 -21.46	98.68 7.22 -46.03
HOLTSVILLE_IC_9 23698	105.50 3.27 -76.72	102.65 3.05 -78.53	100.27 3.19 -75.41	99.68 3.14 -75.04	101.96 3.05 -77.84	106.57 4.24 -67.60	129.49 5.51 -67.18	134.86 5.34 -80.08	135.34 7.49 -63.83	141.53 6.20 -82.81	108.54 7.40 -47.90	106.17 6.58 -54.22	103.55 6.56 -55.19	100.73 6.37 -53.54	99.65 6.43 -52.81	102.11 6.08 -56.81	111.14 8.50 -42.34	131.77 14.48 -13.89	134.89 16.77 0.00	120.67 15.27 -0.82	117.81 11.37 -27.53	108.05 11.96 -16.92	100.90 11.37 -21.46	98.68 7.22 -46.03
HOWARD_WT_PWR 323690	41.96 -0.18 -16.63	37.92 -0.13 -16.98	37.50 -0.09 -15.91	37.14 -0.06 -15.70	37.89 0.00 -16.82	49.56 0.17 -14.66	71.53 0.11 -14.61	67.00 0.15 -17.41	78.17 -0.06 -14.21	70.07 -0.89 -18.43	62.93 -0.80 -10.49	56.92 -0.32 -11.87	53.59 -0.25 -12.04	52.05 -0.16 -11.39	51.46 -0.12 -11.16	51.42 0.08 -12.11	69.42 0.06 -9.07	106.53 0.10 -3.02	118.49 0.36 0.00	104.40 -0.31 -0.13	84.65 -0.16 -5.90	82.42 -0.16 -3.40	72.20 -0.34 -4.47	50.26 0.23 -4.61
HQ_GEN_CEDARS 23644	24.34 -1.17 0.00	20.08 -0.99 0.00	20.63 -1.04 0.00	20.45 -1.05 0.00	20.03 -1.03 0.00	33.03 -1.70 0.00	54.03 -2.78 0.00	47.21 -2.22 0.00	60.63 -3.40 0.00	50.01 -2.52 0.00	50.74 -2.50 0.00	43.01 -2.36 0.00	39.67 -2.13 0.00	38.78 -2.04 0.00	38.40 -2.02 0.00	36.91 -2.31 0.00	56.98 -3.32 0.00	97.62 -5.79 0.00	111.28 -6.85 0.00	99.47 -5.12 0.00	74.97 -3.94 0.00	75.22 -3.96 0.00	64.87 -3.20 0.00	43.38 -2.04 0.00
HQ_GEN_CEDARS_PROXY 323590	24.34 -1.17 0.00	20.08 -0.99 0.00	20.63 -1.04 0.00	20.45 -1.05 0.00	20.03 -1.03 0.00	33.03 -1.70 0.00	54.03 -2.78 0.00	47.21 -2.22 0.00	60.63 -3.40 0.00	50.01 -2.52 0.00	50.74 -2.50 0.00	43.01 -2.36 0.00	39.67 -2.13 0.00	38.78 -2.04 0.00	38.40 -2.02 0.00	36.91 -2.31 0.00	56.98 -3.32 0.00	97.62 -5.79 0.00	111.28 -6.85 0.00	99.47 -5.12 0.00	74.97 -3.94 0.00	75.22 -3.96 0.00	64.87 -3.20 0.00	43.38 -2.04 0.00
HQ_GEN_IMPORT 323601	24.80 -0.71 0.00	20.46 -0.61 0.00	21.04 -0.63 0.00	20.86 -0.64 0.00	20.43 -0.63 0.00	25.42 -1.08 8.24	38.80 -1.76 16.25	40.17 -1.48 7.79	40.17 -2.05 21.81	40.17 -1.57 10.79	39.60 -1.60 12.04	39.60 -1.41 4.36	39.60 -1.30 0.90	39.60 -1.22 0.00	39.20 -1.21 0.00	37.97 -1.26 0.00	40.17 -1.87 18.25	40.17 -3.31 59.92	40.17 -3.78 74.18	40.17 -2.93 61.49	40.17 -2.21 36.53	40.17 -2.22 36.79	37.40 -1.91 28.77	23.10 -1.22 21.10
HQ_GEN_WHEEL 23651	24.80 -0.71 0.00	20.46 -0.61 0.00	21.04 -0.63 0.00	20.86 -0.64 0.00	20.43 -0.63 0.00	25.42 -1.08 8.24	38.80 -1.76 16.25	40.17 -1.48 7.79	40.17 -2.05 21.81	40.17 -1.57 10.79	39.60 -1.60 12.04	39.60 -1.41 4.36	39.60 -1.30 0.90	39.60 -1.22 0.00	39.20 -1.21 0.00	37.97 -1.26 0.00	40.17 -1.87 18.25	40.17 -3.31 59.92	40.17 -3.78 74.18	40.17 -2.93 61.49	40.17 -2.21 36.53	40.17 -2.22 36.79	37.40 -1.91 28.77	23.10 -1.22 21.10
HUDSON_AVE_GT_3 23810	104.63 2.68 -76.45	101.40 2.26 -78.08	97.15 2.32 -73.16	95.99 2.30 -72.19	100.62 2.21 -77.35	105.66 3.54 -67.38	129.54 5.57 -67.16	134.84 5.34 -80.06	135.33 7.49 -63.81	141.52 6.20 -82.79	106.69 6.33 -47.12	104.02 5.35 -53.30	100.82 4.93 -54.10	97.94 4.81 -52.31	96.51 4.81 -51.28	99.46 4.59 -55.65	108.87 6.93 -41.64	129.39 12.09 -13.89	131.83 13.70 0.00	117.09 11.92 -0.58	114.84 8.84 -27.09	103.67 8.87 -15.63	96.56 7.96 -20.53	71.77 5.18 -21.17



HUDSON AVE_GT_4 23540	104.63 2.68 -76.45	101.40 2.26 -78.08	97.15 2.32 -73.16	95.99 2.30 -72.19	100.62 2.21 -77.35	105.66 3.54 -67.38	129.54 5.57 -67.16	134.84 5.34 -80.06	135.33 7.49 -63.81	141.52 6.20 -82.79	106.69 6.33 -47.12	104.02 5.35 -53.30	100.82 4.93 -54.10	97.94 4.81 -52.31	96.51 4.81 -51.28	99.46 4.59 -55.65	108.87 6.93 -41.64	129.39 12.09 -13.89	131.83 13.70 0.00	117.09 11.92 -0.58	114.84 8.84 -27.09	103.67 8.87 -15.63	96.56 7.96 -20.53	71.77 5.18 -21.17
HUDSON AVE_GT_5 23657	104.63 2.68 -76.45	101.40 2.26 -78.08	97.15 2.32 -73.16	95.99 2.30 -72.19	100.62 2.21 -77.35	105.66 3.54 -67.38	129.54 5.57 -67.16	134.84 5.34 -80.06	135.33 7.49 -63.81	141.52 6.20 -82.79	106.69 6.33 -47.12	104.02 5.35 -53.30	100.82 4.93 -54.10	97.94 4.81 -52.31	96.51 4.81 -51.28	99.46 4.59 -55.65	108.87 6.93 -41.64	129.39 12.09 -13.89	131.83 13.70 0.00	117.09 11.92 -0.58	114.84 8.84 -27.09	103.67 8.87 -15.63	96.56 7.96 -20.53	71.77 5.18 -21.17
HUDSON_AVE_10 24168	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.54 2.13 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.07 7.23 -63.81	141.31 5.99 -82.79	106.42 6.07 -47.12	103.80 5.13 -53.30	100.62 4.72 -54.10	97.74 4.61 -52.31	96.30 4.61 -51.28	99.27 4.39 -55.65	108.57 6.63 -41.64	128.97 11.68 -13.89	131.24 13.11 0.00	116.57 11.40 -0.58	114.45 8.45 -27.09	103.28 8.48 -15.63	96.22 7.62 -20.53	71.59 5.00 -21.17
HUNTER MOUNT___DRP 323613	112.23 2.32 -84.40	109.17 1.90 -86.21	104.42 1.97 -80.77	103.16 1.96 -79.70	108.38 1.92 -85.40	112.29 3.16 -74.40	136.25 5.28 -74.15	142.78 4.94 -88.40	141.13 6.66 -70.44	149.22 5.30 -91.39	110.68 5.43 -52.01	108.75 4.54 -58.84	105.65 4.14 -59.72	102.41 3.84 -57.75	100.83 3.80 -56.62	104.47 3.80 -61.44	112.29 6.09 -45.91	130.09 11.37 -15.31	131.13 12.99 0.00	116.20 10.98 -0.64	116.91 8.13 -29.86	104.40 7.99 -17.23	97.23 6.54 -22.63	72.71 3.95 -23.33
HUNTINGTON_RES_REC 323705	105.06 2.83 -76.72	102.16 2.57 -78.53	99.74 2.67 -75.40	99.16 2.62 -75.03	101.45 2.55 -77.84	106.01 3.68 -67.60	128.76 4.77 -67.18	134.22 4.70 -80.08	134.58 6.72 -63.83	140.90 5.57 -82.81	107.58 6.44 -47.90	105.17 5.58 -54.22	102.45 5.47 -55.18	99.75 5.39 -53.54	98.71 5.50 -52.80	101.12 5.10 -56.80	109.86 7.23 -42.34	129.49 12.20 -13.89	132.41 14.29 0.01	118.37 12.97 -0.81	116.06 9.62 -27.52	106.15 10.06 -16.92	99.39 9.87 -21.45	97.67 6.22 -46.02
HUNTLEY___63 23557	37.04 -0.82 -12.35	33.11 -0.57 -12.61	32.97 -0.52 -11.82	32.71 -0.45 -11.66	33.11 -0.44 -12.49	44.78 -0.83 -10.88	65.44 -2.22 -10.85	60.10 -2.27 -12.93	71.28 -3.26 -10.51	62.80 -3.36 -13.64	57.65 -3.35 -7.76	51.65 -2.50 -8.78	48.53 -2.18 -8.91	47.08 -2.21 -8.46	46.48 -2.22 -8.29	46.30 -1.92 -9.00	63.53 -3.50 -6.73	99.65 -6.00 -2.25	111.05 -7.08 0.00	97.57 -7.12 -0.09	77.61 -5.68 -4.38	76.00 -5.70 -2.53	66.70 -4.70 -3.32	46.31 -2.54 -3.42
HUNTLEY___64 23558	37.04 -0.82 -12.35	33.11 -0.57 -12.61	32.97 -0.52 -11.82	32.71 -0.45 -11.66	33.11 -0.44 -12.49	44.78 -0.83 -10.88	65.44 -2.22 -10.85	60.10 -2.27 -12.93	71.28 -3.26 -10.51	62.80 -3.36 -13.64	57.65 -3.35 -7.76	51.65 -2.50 -8.78	48.53 -2.18 -8.91	47.08 -2.21 -8.46	46.48 -2.22 -8.29	46.30 -1.92 -9.00	63.53 -3.50 -6.73	99.65 -6.00 -2.25	111.05 -7.08 0.00	97.57 -7.12 -0.09	77.61 -5.68 -4.38	76.00 -5.70 -2.53	66.70 -4.70 -3.32	46.31 -2.54 -3.42
HUNTLEY___65 23559	37.04 -0.82 -12.35	33.11 -0.57 -12.61	32.97 -0.52 -11.82	32.71 -0.45 -11.66	33.11 -0.44 -12.49	44.78 -0.83 -10.88	65.44 -2.22 -10.85	60.10 -2.27 -12.93	71.28 -3.26 -10.51	62.80 -3.36 -13.64	57.65 -3.35 -7.76	51.65 -2.50 -8.78	48.53 -2.18 -8.91	47.08 -2.21 -8.46	46.48 -2.22 -8.29	46.30 -1.92 -9.00	63.53 -3.50 -6.73	99.65 -6.00 -2.25	111.05 -7.08 0.00	97.57 -7.12 -0.09	77.61 -5.68 -4.38	76.00 -5.70 -2.53	66.70 -4.70 -3.32	46.31 -2.54 -3.42
HUNTLEY___66 23560	37.04 -0.82 -12.35	33.11 -0.57 -12.61	32.97 -0.52 -11.82	32.71 -0.45 -11.66	33.11 -0.44 -12.49	44.78 -0.83 -10.88	65.44 -2.22 -10.85	60.10 -2.27 -12.93	71.28 -3.26 -10.51	62.80 -3.36 -13.64	57.65 -3.35 -7.76	51.65 -2.50 -8.78	48.53 -2.18 -8.91	47.08 -2.21 -8.46	46.48 -2.22 -8.29	46.30 -1.92 -9.00	63.53 -3.50 -6.73	99.65 -6.00 -2.25	111.05 -7.08 0.00	97.57 -7.12 -0.09	77.61 -5.68 -4.38	76.00 -5.70 -2.53	66.70 -4.70 -3.32	46.31 -2.54 -3.42
HUNTLEY___67 23561	37.02 -1.02 -12.53	33.12 -0.74 -12.79	32.95 -0.71 -11.99	32.71 -0.62 -11.83	33.11 -0.63 -12.68	44.63 -1.15 -11.04	65.09 -2.73 -11.01	59.94 -2.62 -13.12	70.91 -3.78 -10.66	62.63 -3.73 -13.82	57.38 -3.73 -7.87	51.41 -2.86 -8.90	48.36 -2.47 -9.03	46.87 -2.53 -8.58	46.28 -2.54 -8.41	46.11 -2.23 -9.12	63.38 -3.74 -6.83	99.27 -6.41 -2.28	110.57 -7.56 0.00	97.26 -7.42 -0.09	77.52 -5.84 -4.44	75.80 -5.94 -2.56	66.33 -5.11 -3.37	46.08 -2.82 -3.47
HUNTLEY___68 23562	37.02 -1.02 -12.53	33.12 -0.74 -12.79	32.95 -0.71 -11.99	32.71 -0.62 -11.83	33.11 -0.63 -12.68	44.63 -1.15 -11.04	65.09 -2.73 -11.01	59.94 -2.62 -13.12	70.91 -3.78 -10.66	62.63 -3.73 -13.82	57.38 -3.73 -7.87	51.41 -2.86 -8.90	48.36 -2.47 -9.03	46.87 -2.53 -8.58	46.28 -2.54 -8.41	46.11 -2.23 -9.12	63.38 -3.74 -6.83	99.27 -6.41 -2.28	110.57 -7.56 0.00	97.26 -7.42 -0.09	77.52 -5.84 -4.44	75.80 -5.94 -2.56	66.33 -5.11 -3.37	46.08 -2.82 -3.47
HYLAND___LFGE 323620	39.46 0.43 -13.52	35.27 0.40 -13.80	35.04 0.43 -12.94	34.76 0.49 -12.76	35.26 0.53 -13.68	47.69 1.04 -11.91	70.62 1.93 -11.87	65.42 1.83 -14.16	77.60 2.05 -11.52	65.01 2.47 -14.95	59.19 -2.55 -8.51	53.95 -1.04 -9.63	50.48 -1.09 -9.77	48.98 -1.10 -9.26	48.32 -1.17 -9.07	48.09 -0.98 -9.85	66.22 -1.45 -7.37	101.21 -4.65 -2.46	113.17 -4.96 0.00	99.25 -5.44 -0.10	80.08 -3.63 -4.79	83.52 1.58 -2.77	72.45 0.75 -3.63	49.90 0.72 -3.75
INDECK___CORINTH 23802	131.88 1.89 -104.48	129.34 1.56 -106.71	123.24 1.58 -99.99	121.73 1.57 -98.66	128.38 1.60 -105.72	129.57 2.74 -92.10	153.54 4.94 -91.79	163.21 4.35 -109.42	156.69 5.51 -87.15	169.96 4.36 -113.07	122.38 4.79 -64.35	122.25 4.08 -72.80	119.40 3.72 -73.88	116.11 3.80 -71.49	114.22 3.72 -70.09	118.97 3.69 -76.05	123.12 5.91 -56.92	133.66 11.27 -18.98	131.01 12.88 0.00	116.26 10.88 -0.79	123.83 7.89 -37.02	108.14 7.60 -21.37	102.25 6.13 -28.05	78.12 3.77 -28.93
INDECK___ILION 23567	24.49 0.97 1.98	19.84 0.80 2.03	20.60 0.82 1.90	20.44 0.82 1.87	19.85 0.80 2.01	34.34 1.35 1.75	57.34 2.27 1.74	49.24 1.88 2.08	64.54 2.43 1.92	51.99 1.94 2.49	53.79 1.97 1.41	45.45 1.68 1.60	41.72 1.55 1.62	40.97 1.51 1.37	40.57 1.50 1.34	39.26 1.49 1.45	61.44 2.23 1.09	106.97 3.93 0.36	122.62 4.49 0.00	108.45 3.87 0.02	81.13 2.92 0.71	82.01 3.25 0.41	70.33 2.79 0.54	46.69 1.82 0.55
INDECK___OLEAN 23982	39.96 -0.08 -14.53	35.91 0.00 -14.84	35.62 0.04 -13.90	35.31 0.09 -13.72	35.89 0.13 -14.70	47.75 0.21 -12.81	68.83 -0.74 -12.76	64.06 -0.59 -15.22	75.44 -0.96 -12.37	67.05 -1.53 -16.04	61.04 -1.33 -9.13	54.84 -0.86 -10.33	51.57 -0.71 -10.48	49.97 -0.82 -9.96	49.33 -0.85 -9.76	49.15 -0.67 -10.60	67.08 -1.15 -7.93	103.98 -2.07 -2.64	115.53 -2.60 0.00	101.88 -2.82 -0.11	81.71 -2.37 -5.16	79.70 -2.45 -2.98	69.74 -2.24 -3.91	49.00 -4.03



INDECK___OSWEGO 23783	30.68 -0.64 -5.80	26.47 -0.53 -5.93	26.69 -0.54 -5.55	26.46 -0.52 -5.48	26.43 -0.51 -5.87	39.05 -0.80 -5.12	60.71 -1.20 -5.10	54.33 -1.19 -6.08	67.21 -1.73 -4.90	57.42 -1.47 -6.36	55.26 -1.60 -3.62	48.20 -1.27 -4.10	44.74 -1.21 -4.16	43.61 -1.19 -3.97	43.14 -1.17 -3.89	42.35 -1.10 -4.23	61.71 -1.75 -3.16	101.46 -3.00 -1.05	114.95 -3.18 0.00	101.39 -3.24 -0.04	78.68 -2.29 -2.06	77.91 -2.45 -1.19	67.52 -2.11 -1.56	45.67 -1.36 -1.61
INDECK___YERKES 23781	37.07 -0.79 -12.35	33.13 -0.55 -12.61	32.99 -0.50 -11.82	32.73 -0.43 -11.66	33.13 -0.42 -12.49	44.78 -0.83 -10.88	65.50 -2.16 -10.85	60.15 -2.22 -12.93	71.34 -3.20 -10.51	62.86 -3.31 -13.64	57.70 -3.30 -7.76	51.70 -2.45 -8.78	48.58 -2.13 -8.91	47.12 -2.16 -8.46	46.52 -2.18 -8.29	46.34 -1.88 -9.00	63.59 -3.43 -6.73	99.76 -5.89 -2.25	111.05 -7.08 0.00	97.68 -7.01 -0.09	77.69 -5.60 -4.38	76.00 -5.70 -2.53	66.76 -4.63 -3.32	46.35 -2.50 -3.42
INDIAN POINT_GT_1 24139	103.41 2.19 -75.70	100.24 1.85 -77.32	96.05 1.93 -72.45	94.90 1.91 -71.48	99.49 1.83 -76.60	104.38 2.92 -66.73	127.86 4.55 -66.51	133.12 4.40 -79.28	133.43 6.21 -63.19	139.61 5.09 -81.99	105.27 5.37 -46.66	102.65 4.49 -52.79	99.55 4.18 -53.57	96.70 4.08 -51.80	95.24 4.04 -50.79	98.22 3.88 -55.11	107.38 5.85 -41.24	127.40 10.24 -13.75	129.71 11.58 0.00	115.20 10.04 -0.57	113.24 7.50 -26.83	102.33 7.68 -15.48	95.14 6.74 -20.33	70.70 4.32 -20.96
INDIAN POINT_GT_2 23659	103.41 2.19 -75.70	100.24 1.85 -77.32	96.05 1.93 -72.45	94.90 1.91 -71.48	99.49 1.83 -76.60	104.38 2.92 -66.73	127.86 4.55 -66.51	133.12 4.40 -79.28	133.43 6.21 -63.19	139.61 5.09 -81.99	105.27 5.37 -46.66	102.65 4.49 -52.79	99.55 4.18 -53.57	96.70 4.08 -51.80	95.24 4.04 -50.79	98.22 3.88 -55.11	107.38 5.85 -41.24	127.40 10.24 -13.75	129.71 11.58 0.00	115.20 10.04 -0.57	113.24 7.50 -26.83	102.33 7.68 -15.48	95.14 6.74 -20.33	70.70 4.32 -20.96
INDIAN POINT_GT_3 24019	103.41 2.19 -75.70	100.24 1.85 -77.32	96.05 1.93 -72.45	94.90 1.91 -71.48	99.49 1.83 -76.60	104.38 2.92 -66.73	127.86 4.55 -66.51	133.12 4.40 -79.28	133.43 6.21 -63.19	139.61 5.09 -81.99	105.27 5.37 -46.66	102.65 4.49 -52.79	99.55 4.18 -53.57	96.70 4.08 -51.80	95.24 4.04 -50.79	98.22 3.88 -55.11	107.38 5.85 -41.24	127.40 10.24 -13.75	129.71 11.58 0.00	115.20 10.04 -0.57	113.24 7.50 -26.83	102.33 7.68 -15.48	95.14 6.74 -20.33	70.70 4.32 -20.96
INDIAN POINT___2 23530	102.41 2.12 -74.79	99.24 1.79 -76.38	95.09 1.84 -71.57	93.95 1.83 -70.62	98.50 1.77 -75.67	103.47 2.81 -65.92	126.83 4.32 -65.70	131.96 4.20 -78.32	132.41 5.96 -62.43	138.46 4.94 -81.00	104.50 5.16 -46.10	101.87 4.36 -52.15	98.73 4.01 -52.93	95.91 3.92 -51.17	94.50 3.92 -50.17	97.43 3.77 -54.44	106.64 5.61 -40.74	126.82 9.83 -13.59	129.23 11.10 0.00	114.88 9.73 -0.57	112.67 7.26 -26.50	101.83 7.36 -15.29	94.62 6.47 -20.08	70.31 4.18 -20.71
INDIAN POINT___3 23531	103.36 2.12 -75.73	100.21 1.79 -77.35	95.99 1.84 -72.48	94.84 1.83 -71.51	99.46 1.77 -76.63	104.30 2.81 -66.76	127.66 4.32 -66.54	132.95 4.20 -79.32	133.20 5.96 -63.22	139.44 4.89 -82.02	105.08 5.16 -46.68	102.53 4.36 -52.81	99.40 4.01 -53.59	96.56 3.92 -51.82	95.14 3.92 -50.81	98.12 3.77 -55.13	107.16 5.61 -41.26	126.99 9.83 -13.76	129.23 11.10 0.00	114.78 9.62 -0.57	113.01 7.26 -26.84	102.03 7.36 -15.49	94.88 6.47 -20.33	70.57 4.18 -20.97
IP CORINTH___1 23988	132.03 2.04 -104.48	129.44 1.66 -106.71	123.37 1.71 -99.99	121.86 1.70 -98.66	128.51 1.73 -105.72	129.78 2.95 -92.10	153.89 5.28 -91.79	163.51 4.65 -109.42	157.07 5.89 -87.15	170.27 4.67 -113.07	122.70 5.11 -64.35	122.52 4.36 -72.80	119.65 3.97 -73.88	116.35 4.04 -71.49	114.47 3.96 -70.09	119.20 3.92 -76.05	123.48 6.27 -56.92	134.27 11.89 -18.98	131.71 13.58 0.00	116.88 11.50 -0.79	124.30 8.36 -37.02	108.53 7.99 -21.37	102.66 6.54 -28.05	78.39 4.04 -28.93
IP___TICONDEROGA 23804	128.78 3.29 -99.98	125.86 2.68 -102.12	120.09 2.73 -95.68	118.64 2.73 -94.41	124.97 2.74 -101.17	127.48 4.62 -88.13	152.31 7.67 -87.84	161.27 7.12 -104.71	156.85 9.42 -83.41	168.31 7.57 -108.21	122.54 7.72 -61.59	121.58 6.53 -69.67	118.53 6.02 -70.71	115.15 5.92 -68.41	113.31 5.82 -67.07	117.77 5.77 -72.78	123.80 9.04 -54.47	137.90 16.33 -18.16	136.55 18.42 0.00	121.24 15.89 -0.76	125.95 11.60 -35.43	111.10 11.48 -20.45	104.58 9.66 -26.84	79.33 6.22 -27.68
ISLIP_RES_REC 323679	105.69 3.44 -76.74	102.83 3.20 -78.56	100.45 3.34 -75.44	99.84 3.27 -75.08	102.13 3.20 -77.87	106.83 4.48 -67.61	129.95 5.96 -67.18	135.25 5.73 -80.08	135.92 8.07 -63.83	141.96 6.62 -82.81	109.07 7.88 -47.95	106.64 6.98 -54.28	103.95 6.89 -55.26	101.14 6.70 -53.62	100.06 6.75 -52.89	102.50 6.40 -56.88	111.72 9.04 -42.39	132.71 15.41 -13.89	135.97 17.84 0.00	121.63 16.21 -0.83	118.46 11.99 -27.55	108.84 12.66 -17.00	101.49 11.91 -21.51	99.05 7.54 -46.08
JARVIS____ 23743	23.73 0.20 1.98	19.21 0.17 2.03	19.95 0.17 1.90	19.80 0.17 1.87	19.22 0.17 2.01	33.30 0.31 1.75	55.63 0.57 1.74	47.80 0.44 2.08	62.75 0.64 1.92	50.57 0.53 2.49	52.30 0.48 1.41	44.18 0.41 1.60	40.55 0.38 1.62	39.82 0.37 1.37	39.44 0.36 1.34	38.16 0.39 1.45	59.81 0.60 1.09	104.18 1.14 0.36	119.43 1.30 0.00	105.51 0.94 0.02	78.91 0.71 0.71	79.56 0.79 0.41	68.22 0.68 0.54	45.28 0.41 0.55
JENNISON___1 23625	53.76 1.25 -27.00	49.65 1.01 -27.58	48.53 1.02 -25.84	48.03 1.03 -25.49	49.43 1.05 -27.32	60.51 1.98 -23.80	84.45 3.92 -23.72	81.32 3.61 -28.28	91.59 4.67 -22.89	85.95 3.73 -29.69	73.86 3.73 -16.90	67.30 2.81 -19.12	63.62 2.42 -19.40	61.63 2.33 -18.48	60.80 2.26 -18.12	61.16 2.27 -19.66	78.99 3.98 -14.72	116.17 7.86 -4.91	127.00 8.86 0.00	111.17 6.38 -0.20	93.46 4.97 -9.57	89.69 4.99 -5.53	79.34 4.02 -7.25	55.59 2.68 -7.48
JENNISON___2 23626	53.76 1.25 -27.00	49.65 1.01 -27.58	48.53 1.02 -25.84	48.03 1.03 -25.49	49.43 1.05 -27.32	60.51 1.98 -23.80	84.45 3.92 -23.72	81.32 3.61 -28.28	91.59 4.67 -22.89	85.95 3.73 -29.69	73.86 3.73 -16.90	67.30 2.81 -19.12	63.62 2.42 -19.40	61.63 2.33 -18.48	60.80 2.26 -18.12	61.16 2.27 -19.66	78.99 3.98 -14.72	116.17 7.86 -4.91	127.00 8.86 0.00	111.17 6.38 -0.20	93.46 4.97 -9.57	89.69 4.99 -5.53	79.34 4.02 -7.25	55.59 2.68 -7.48
JERICHO_RISE_WT_PWR 323719	24.51 -1.00 0.00	20.20 -0.86 0.00	20.70 -0.97 0.00	20.49 -1.01 0.00	20.05 -1.01 0.00	33.00 -1.74 0.00	53.80 -3.01 0.00	47.07 -2.37 0.00	60.51 -3.52 0.00	49.96 -2.57 0.00	50.68 -2.55 0.00	43.06 -2.31 0.00	39.62 -2.18 0.00	38.74 -2.08 0.00	38.40 -2.02 0.00	37.03 -2.20 0.00	57.28 -3.01 0.00	98.02 -5.38 0.00	111.98 -6.15 0.00	100.93 -3.66 0.00	76.15 -2.76 0.00	76.48 -2.69 0.00	65.76 -2.31 0.00	44.02 -1.41 0.00
KEDC PORT_JEFF_GT2 24210	105.33 3.11 -76.71	102.51 2.93 -78.51	100.14 3.08 -75.39	99.53 3.01 -75.02	101.81 2.93 -77.82	106.32 3.99 -67.59	128.87 4.89 -67.18	134.31 4.79 -80.08	134.71 6.85 -63.83	141.01 5.68 -82.81	108.14 7.03 -47.87	105.86 6.30 -54.19	103.30 6.35 -55.15	100.36 6.04 -53.50	99.32 6.14 -52.76	101.76 5.77 -56.76	110.69 8.08 -42.32	130.73 13.44 -13.89	133.72 15.59 0.01	120.04 14.64 -0.81	117.32 10.89 -27.51	107.53 11.48 -16.88	100.66 11.16 -21.42	98.47 7.04 -46.00



KEDC PORT_JEFF_GT3 24211	105.33 3.11 -76.71	102.51 2.93 -78.51	100.14 3.08 -75.39	99.53 3.01 -75.02	101.81 2.93 -77.82	106.32 3.99 -67.59	128.87 4.89 -67.18	134.31 4.79 -80.08	134.71 6.85 -63.83	141.01 5.68 -82.81	108.14 7.03 -47.87	105.86 6.30 -54.19	103.30 6.35 -55.15	100.36 6.04 -53.50	99.32 6.14 -52.76	101.76 5.77 -56.76	110.69 8.08 -42.32	130.73 13.44 -13.89	133.72 15.59 0.01	120.04 14.64 -0.81	117.32 10.89 -27.51	107.53 11.48 -16.88	100.66 11.16 -21.42	98.47 7.04 -46.00
KEDC_GLWD_GT4 24219	105.92 2.91 -77.50	103.30 2.44 -79.79	101.22 2.49 -77.05	100.71 2.43 -76.78	102.70 2.42 -79.21	106.84 3.89 -68.21	129.72 5.74 -67.18	135.01 5.49 -80.08	135.54 7.68 -63.83	141.69 6.35 -82.81	110.27 6.82 -50.21	108.02 5.72 -56.93	105.46 5.31 -58.36	103.14 5.19 -57.13	102.16 5.17 -56.57	104.38 4.98 -60.17	112.18 7.47 -44.41	129.70 12.40 -13.89	132.43 14.29 -0.01	118.68 12.55 -1.55	117.32 9.62 -28.78	109.40 9.74 -20.49	100.71 8.51 -24.13	99.16 5.45 -48.29
KEDC_GLWD_GT5 24220	105.92 2.91 -77.50	103.30 2.44 -79.79	101.22 2.49 -77.05	100.71 2.43 -76.78	102.70 2.42 -79.21	106.84 3.89 -68.21	129.72 5.74 -67.18	135.01 5.49 -80.08	135.54 7.68 -63.83	141.69 6.35 -82.81	110.27 6.82 -50.21	108.02 5.72 -56.93	105.46 5.31 -58.36	103.14 5.19 -57.13	102.16 5.17 -56.57	104.38 4.98 -60.17	112.18 7.47 -44.41	129.70 12.40 -13.89	132.43 14.29 -0.01	118.68 12.55 -1.55	117.32 9.62 -28.78	109.40 9.74 -20.49	100.71 8.51 -24.13	99.16 5.45 -48.29
KENSICO____ 23655	104.16 2.37 -76.28	100.98 2.00 -77.91	96.73 2.06 -73.00	95.57 2.04 -72.03	100.23 1.98 -77.18	105.10 3.13 -67.24	128.71 4.89 -67.02	134.03 4.70 -79.89	134.30 6.60 -63.68	140.60 5.46 -82.61	105.95 5.70 -47.02	103.32 4.76 -53.19	100.20 4.43 -53.98	97.34 4.33 -52.19	95.91 4.33 -51.17	98.91 4.16 -55.53	108.06 6.21 -41.55	128.12 10.85 -13.86	130.42 12.29 0.00	115.84 10.67 -0.58	113.91 7.97 -27.03	102.85 8.08 -15.60	95.70 7.15 -20.48	71.18 4.64 -21.12
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	100.64 2.17 -72.97	97.40 1.81 -74.52	93.39 1.88 -69.83	92.25 1.85 -68.90	96.68 1.79 -73.83	101.97 2.92 -64.32	125.51 4.60 -64.10	130.40 4.55 -76.42	131.28 6.34 -60.91	136.71 5.15 -79.03	103.59 5.37 -44.98	100.74 4.49 -50.88	97.57 4.14 -51.64	94.71 3.96 -49.92	93.28 3.92 -48.95	96.19 3.85 -53.12	105.30 5.73 -39.28	126.84 10.34 -13.10	129.83 11.70 0.00	115.18 10.04 -0.55	111.97 7.50 -25.55	101.44 7.53 -14.75	93.83 6.40 -19.36	69.39 4.00 -19.96
KIAC_JFK_GT1 23816	104.53 2.58 -76.45	101.30 2.15 -78.08	97.09 2.25 -73.16	95.90 2.22 -72.19	100.50 2.09 -77.35	105.49 3.37 -67.38	129.25 5.28 -67.16	134.59 5.09 -80.06	135.01 7.17 -63.81	141.31 5.99 -82.79	106.21 5.86 -47.12	103.58 4.90 -53.30	100.41 4.52 -54.10	97.54 4.41 -52.31	96.18 4.49 -51.28	99.07 4.20 -55.65	108.32 6.39 -41.64	128.57 11.27 -13.89	130.89 12.76 0.00	116.15 10.98 -0.58	114.21 8.21 -27.09	102.89 8.08 -15.63	96.08 7.49 -20.53	71.40 4.81 -21.17
KIAC_JFK_GT2 23817	104.53 2.58 -76.45	101.30 2.15 -78.08	97.09 2.25 -73.16	95.90 2.22 -72.19	100.50 2.09 -77.35	105.49 3.37 -67.38	129.25 5.28 -67.16	134.59 5.09 -80.06	135.01 7.17 -63.81	141.31 5.99 -82.79	106.21 5.86 -47.12	103.58 4.90 -53.30	100.41 4.52 -54.10	97.54 4.41 -52.31	96.18 4.49 -51.28	99.07 4.20 -55.65	108.32 6.39 -41.64	128.57 11.27 -13.89	130.89 12.76 0.00	116.15 10.98 -0.58	114.21 8.21 -27.09	102.89 8.08 -15.63	96.08 7.49 -20.53	71.40 4.81 -21.17
KINTIGH____ 23543	34.50 -1.61 -10.60	30.71 -1.18 -10.82	30.71 -1.10 -10.14	30.47 -1.03 -10.01	30.71 -1.07 -10.72	42.06 -2.02 -9.34	62.20 -3.92 -9.31	56.93 -3.61 -11.10	67.99 -5.06 -9.02	59.61 -4.62 -11.70	55.21 -4.69 -6.66	49.18 -3.72 -7.53	46.10 -3.35 -7.65	44.73 -3.35 -7.25	44.21 -3.31 -7.11	43.88 -3.06 -7.72	61.13 -4.94 -5.78	96.96 -8.37 -1.93	108.45 -9.68 0.00	95.46 -9.20 -0.08	75.49 -7.18 -3.76	74.06 -7.28 -2.17	64.66 -6.26 -2.85	44.64 -3.72 -2.94
LEDERLE____ 23769	101.52 2.30 -73.71	98.29 1.94 -75.28	94.21 1.99 -70.54	93.08 1.98 -69.60	97.56 1.92 -74.58	102.80 3.09 -64.97	126.34 4.77 -64.76	131.28 4.65 -77.20	132.10 6.53 -61.54	137.73 5.36 -79.84	104.32 5.64 -45.44	101.49 4.72 -51.40	98.35 4.39 -52.17	95.51 4.25 -50.44	94.07 4.20 -49.45	96.96 4.08 -53.66	106.60 6.15 -40.16	127.65 10.85 -13.39	130.42 12.29 0.00	115.82 10.67 -0.56	113.00 7.97 -26.12	102.24 7.99 -15.08	94.88 7.01 -19.79	70.33 4.50 -20.41
LINDEN COGEN____ 23786	104.51 2.55 -76.45	101.30 2.15 -78.08	97.07 2.23 -73.16	95.88 2.19 -72.19	100.52 2.11 -77.35	105.49 3.37 -67.38	129.25 5.28 -67.16	134.55 5.05 -80.06	134.88 7.04 -63.81	141.20 5.88 -82.79	106.42 6.07 -47.12	103.75 5.08 -53.30	100.57 4.68 -54.10	97.70 4.57 -52.31	96.26 4.57 -51.28	99.23 4.35 -55.65	108.45 6.51 -41.64	128.67 11.37 -13.89	131.01 12.88 0.00	116.36 11.20 -0.58	114.36 8.36 -27.09	103.19 8.39 -15.63	96.22 7.62 -20.53	71.54 4.95 -21.17
LIPA_MISC_IPP 23656	105.47 3.27 -76.70	102.60 3.03 -78.50	100.22 3.19 -75.36	99.61 3.12 -74.99	101.90 3.03 -77.80	106.55 4.24 -67.58	129.56 5.57 -67.18	134.91 5.39 -80.08	135.41 7.55 -63.83	141.53 6.20 -82.81	108.48 7.40 -47.84	106.05 6.53 -54.15	103.42 6.52 -55.10	100.59 6.33 -53.44	99.55 6.43 -52.71	101.98 6.04 -56.72	111.02 8.44 -42.29	131.77 14.48 -13.89	134.89 16.77 0.00	120.66 15.27 -0.80	117.77 11.37 -27.49	107.96 11.96 -16.83	100.76 11.30 -21.38	98.53 7.13 -45.97
LISF__SOLAR 323691	105.53 3.31 -76.70	102.67 3.10 -78.50	100.27 3.23 -75.37	99.66 3.16 -75.00	101.97 3.10 -77.81	106.62 4.31 -67.59	129.67 5.68 -67.18	135.00 5.49 -80.08	135.54 7.68 -63.83	141.69 6.35 -82.81	108.60 7.51 -47.85	106.16 6.62 -54.16	103.56 6.65 -55.12	100.73 6.45 -53.46	99.65 6.51 -52.72	102.12 6.16 -56.73	111.21 8.62 -42.30	132.08 14.79 -13.89	135.25 17.12 0.00	120.98 15.59 -0.80	118.02 11.60 -27.50	108.20 12.19 -16.84	100.97 11.51 -21.40	98.67 7.27 -45.98
LITTLE FALLS__HYD 24013	25.77 2.25 1.98	20.89 1.85 2.03	21.68 1.91 1.90	21.52 1.89 1.87	20.91 1.85 2.01	36.11 3.13 1.75	60.23 5.17 1.74	51.61 4.25 2.08	67.62 5.51 1.92	54.46 4.41 2.49	56.24 4.42 1.41	47.53 3.76 1.60	43.64 3.47 1.62	42.84 3.39 1.37	42.47 3.40 1.34	41.03 3.25 1.45	64.15 4.94 1.09	111.73 8.69 0.36	128.06 9.92 0.00	113.15 8.58 0.02	84.75 6.55 0.71	85.97 7.20 0.41	73.73 6.19 0.54	49.05 4.18 0.55
LI_NEWBRDGE__DRP 323616	105.01 3.01 -76.49	101.78 2.55 -78.17	99.18 2.58 -74.93	98.53 2.49 -74.53	101.03 2.53 -77.45	106.15 3.99 -67.42	129.44 5.45 -67.18	134.81 5.29 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	107.13 6.65 -47.24	104.44 5.62 -53.44	101.38 5.31 -54.28	98.51 5.19 -52.51	97.31 5.17 -51.72	100.01 4.94 -55.84	109.39 7.35 -41.75	129.49 12.20 -13.89	132.41 14.29 0.01	117.95 12.76 -0.61	115.55 9.47 -27.17	104.72 9.66 -15.89	97.32 8.58 -20.67	96.29 5.49 -45.37
LONG_LAKE_PHOENIX 24014	31.05 -0.49 -6.02	26.82 -0.40 -6.15	27.03 -0.41 -5.77	26.78 -0.41 -5.69	26.76 -0.40 -6.10	39.45 -0.59 -5.31	61.25 -0.85 -5.29	54.86 -0.89 -6.31	67.84 -1.28 -5.10	58.04 -1.11 -6.61	55.78 -1.22 -3.76	48.67 -0.95 -4.26	45.20 -0.92 -4.32	44.02 -0.94 -4.13	43.54 -0.93 -4.05	42.79 -0.83 -4.39	62.25 -1.33 -3.29	102.23 -2.28 -1.10	115.77 -2.36 0.00	102.23 -2.40 -0.05	79.32 -1.74 -2.14	78.51 -1.90 -1.23	67.99 -1.70 -1.62	46.05 -1.04 -1.67



LOVETT___3 23632	101.64 2.17 -73.97	98.42 1.81 -75.55	94.34 1.88 -70.79	93.21 1.87 -69.84	97.69 1.79 -74.84	102.81 2.88 -65.20	126.23 4.43 -64.98	131.20 4.30 -77.46	131.86 6.09 -61.75	137.63 4.99 -80.11	104.10 5.27 -45.59	101.35 4.40 -51.58	98.24 4.10 -52.35	95.44 4.00 -50.61	94.00 3.96 -49.62	96.87 3.80 -53.84	106.32 5.73 -40.30	126.87 10.03 -13.44	129.47 11.34 0.00	115.09 9.94 -0.56	112.54 7.42 -26.21	101.83 7.53 -15.13	94.53 6.60 -19.86	70.17 4.27 -20.48
LOVETT___4 23642	101.64 2.17 -73.97	98.42 1.81 -75.55	94.34 1.88 -70.79	93.21 1.87 -69.84	97.69 1.79 -74.84	102.81 2.88 -65.20	126.23 4.43 -64.98	131.20 4.30 -77.46	131.86 6.09 -61.75	137.63 4.99 -80.11	104.10 5.27 -45.59	101.35 4.40 -51.58	98.24 4.10 -52.35	95.44 4.00 -50.61	94.00 3.96 -49.62	96.87 3.80 -53.84	106.32 5.73 -40.30	126.87 10.03 -13.44	129.47 11.34 0.00	115.09 9.94 -0.56	112.54 7.42 -26.21	101.83 7.53 -15.13	94.53 6.60 -19.86	70.17 4.27 -20.48
LOVETT___5 23593	101.64 2.17 -73.97	98.42 1.81 -75.55	94.34 1.88 -70.79	93.21 1.87 -69.84	97.69 1.79 -74.84	102.81 2.88 -65.20	126.23 4.43 -64.98	131.20 4.30 -77.46	131.86 6.09 -61.75	137.63 4.99 -80.11	104.10 5.27 -45.59	101.35 4.40 -51.58	98.24 4.10 -52.35	95.44 4.00 -50.61	94.00 3.96 -49.62	96.87 3.80 -53.84	106.32 5.73 -40.30	126.87 10.03 -13.44	129.47 11.34 0.00	115.09 9.94 -0.56	112.54 7.42 -26.21	101.83 7.53 -15.13	94.53 6.60 -19.86	70.17 4.27 -20.48
LOWER RAQUET___HYD 24057	24.44 -1.07 0.00	20.14 -0.93 0.00	20.68 -1.00 0.00	20.51 -0.99 0.00	20.09 -0.97 0.00	33.21 -1.53 0.00	54.53 -2.27 0.00	47.61 -1.83 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	50.90 -2.34 0.00	43.01 -2.36 0.00	39.79 -2.01 0.00	38.86 -1.96 0.00	38.48 -1.94 0.00	36.71 -2.51 0.00	56.73 -3.56 0.00	97.10 -6.31 0.00	110.69 -7.44 0.00	98.63 -5.96 0.00	74.50 -4.42 0.00	75.05 -4.12 0.00	65.08 -2.99 0.00	43.61 -1.82 0.00
LOWER___HUDSON 24059	131.14 1.89 -103.74	128.56 1.54 -105.96	122.54 1.58 -99.28	121.03 1.57 -97.96	127.59 1.56 -104.97	128.82 2.64 -91.44	152.50 4.55 -91.14	162.14 4.05 -108.65	156.00 5.44 -86.53	169.16 4.36 -112.27	121.61 4.47 -63.89	121.46 3.81 -72.28	118.67 3.51 -73.36	115.23 3.43 -70.98	113.40 3.40 -69.59	118.07 3.33 -75.52	122.05 5.24 -56.51	131.76 9.51 -18.84	128.99 10.86 0.00	114.79 9.42 -0.78	122.54 6.86 -36.76	107.11 6.73 -21.21	101.57 5.65 -27.85	77.69 3.55 -28.72
LWR___OSWEGATCHIE_HYD 23850	24.90 -0.61 0.00	20.52 -0.55 0.00	21.09 -0.58 0.00	20.92 -0.58 0.00	20.51 -0.55 0.00	33.97 -0.76 0.00	56.07 -0.74 0.00	48.85 -0.74 0.00	62.75 -1.28 0.00	51.64 -0.89 0.00	52.33 -0.91 0.00	44.19 -1.18 0.00	40.75 -1.04 0.00	39.80 -1.02 0.00	39.41 -1.01 0.00	37.85 -1.37 0.00	58.54 -1.75 0.00	100.72 -2.69 0.00	114.95 -3.18 0.00	101.45 -3.13 0.00	76.70 -2.21 0.00	77.11 -2.06 0.00	66.51 -1.56 0.00	44.47 -0.96 0.00
LYONS_FALL_HYD 23570	25.84 0.33 0.00	21.30 0.23 0.00	21.91 0.24 0.00	21.74 0.24 0.00	21.33 0.27 0.00	35.36 0.63 0.00	58.46 1.65 0.00	50.87 1.43 0.00	65.76 1.73 0.00	54.00 1.47 0.00	54.62 1.38 0.00	46.23 0.86 0.00	42.51 0.71 0.00	41.47 0.65 0.00	41.06 0.64 0.00	39.77 0.55 0.00	61.50 1.21 0.00	106.20 2.79 0.00	121.32 3.19 0.00	106.47 1.88 0.00	80.41 1.50 0.00	80.67 1.50 0.00	69.30 1.23 0.00	46.15 0.72 0.00
MADISON___COUNTY_LFGE 323628	28.50 0.43 -2.56	24.02 0.34 -2.61	24.47 0.35 -2.45	24.26 0.34 -2.42	24.03 0.38 -2.59	37.75 0.76 -2.26	60.70 1.65 -2.25	53.65 1.53 -2.68	66.08 2.05 0.00	54.21 1.68 0.00	54.89 1.65 0.00	46.59 1.23 0.00	42.80 1.00 0.00	43.65 0.94 -1.89	43.15 0.89 -1.85	42.14 0.90 -2.01	63.36 1.56 -1.50	107.12 3.21 -0.50	121.67 3.54 0.00	106.91 2.30 -0.02	81.71 1.82 -0.98	81.48 1.74 -0.56	70.10 1.29 -0.74	47.05 0.86 -0.76
MAPLE_RIDGE_WT_1 323574	20.28 -0.64 4.60	15.84 -0.53 4.70	16.73 -0.54 4.40	16.60 -0.56 4.34	15.84 -0.57 4.65	29.78 -0.90 4.05	51.40 -1.36 4.04	43.49 -1.14 4.82	58.63 -1.47 3.93	46.27 -1.16 5.10	49.21 -1.12 2.90	41.13 -0.95 3.28	37.58 -0.88 3.33	36.85 -0.82 3.15	36.60 -0.73 3.09	35.17 -0.70 3.35	56.88 -0.90 2.51	101.12 -1.45 0.84	116.59 -1.54 0.00	103.51 -1.05 0.03	76.57 -0.71 1.63	77.59 -0.64 0.94	66.29 -0.55 1.24	43.78 -0.36 1.28
MAPLE_RIDGE_WT_2 323611	20.28 -0.64 4.60	15.84 -0.53 4.70	16.73 -0.54 4.40	16.60 -0.56 4.34	15.84 -0.57 4.65	29.78 -0.90 4.05	51.40 -1.36 4.04	43.49 -1.14 4.82	58.63 -1.47 3.93	46.27 -1.16 5.10	49.21 -1.12 2.90	41.13 -0.95 3.28	37.58 -0.88 3.33	36.85 -0.82 3.15	36.60 -0.73 3.09	35.17 -0.70 3.35	56.88 -0.90 2.51	101.12 -1.45 0.84	116.59 -1.54 0.00	103.51 -1.05 0.03	76.57 -0.71 1.63	77.59 -0.64 0.94	66.29 -0.55 1.24	43.78 -0.36 1.28
MARBLE_RIVER_WT_PWR 323696	24.57 -0.94 0.00	20.25 -0.82 0.00	20.74 -0.93 0.00	20.49 -1.01 0.00	20.05 -1.01 0.00	33.00 -1.74 0.00	53.80 -3.01 0.00	47.07 -2.37 0.00	60.51 -3.52 0.00	49.96 -2.57 0.00	50.68 -2.55 0.00	43.06 -2.31 0.00	39.62 -2.18 0.00	38.78 -2.04 0.00	38.40 -2.02 0.00	37.07 -2.16 0.00	57.34 -2.95 0.00	98.02 -5.38 0.00	112.23 -5.90 0.00	101.14 -3.45 0.00	76.31 -2.60 0.00	76.64 -2.54 0.00	65.96 -2.11 0.00	44.15 -1.27 0.00
MARSH_HILL_WT_PWR 323713	41.82 -0.13 -16.44	37.79 -0.06 -16.79	37.36 -0.04 -15.73	37.00 -0.02 -15.52	37.74 0.04 -16.63	49.43 0.21 -14.49	71.42 0.17 -14.44	66.80 0.15 -17.22	78.00 -0.06 -14.04	69.90 -0.84 -18.21	62.86 -0.75 -10.37	56.83 -0.27 -11.73	53.49 -0.21 -11.90	51.92 -0.16 -11.26	51.29 -0.16 -11.04	51.24 0.04 -11.98	69.26 0.00 -8.96	106.29 -0.10 -2.99	118.37 0.24 0.00	104.30 -0.42 -0.12	84.43 -0.31 -5.83	82.22 -0.32 -3.37	72.02 -0.47 -4.42	50.12 0.14 -4.56
MG INDUSTRY___DRP 24185	125.10 1.45 -98.14	122.50 1.20 -100.24	116.83 1.23 -93.92	115.40 1.22 -92.67	121.59 1.22 -99.30	123.25 2.01 -86.51	146.27 3.24 -86.22	155.04 2.82 -102.78	149.75 3.84 -81.88	161.86 3.10 -106.23	116.84 3.14 -60.46	116.49 2.72 -68.40	113.72 2.51 -69.41	110.42 2.45 -67.15	108.67 2.42 -65.84	113.02 2.35 -71.44	117.37 3.62 -53.46	127.44 6.20 -17.83	125.22 7.09 0.00	111.50 6.17 -0.74	118.34 4.65 -34.77	103.91 4.67 -20.07	98.43 4.02 -26.35	75.14 2.54 -27.17
MID___OSWEGATCHIE_HYD 23849	24.90 -0.61 0.00	20.52 -0.55 0.00	21.09 -0.58 0.00	20.92 -0.58 0.00	20.51 -0.55 0.00	33.97 -0.76 0.00	56.07 -0.74 0.00	48.85 -0.59 0.00	62.75 -1.28 0.00	51.64 -0.89 0.00	52.33 -0.91 0.00	44.19 -1.18 0.00	40.75 -1.04 0.00	39.80 -1.02 0.00	39.41 -1.01 0.00	37.85 -1.37 0.00	58.54 -1.75 0.00	100.72 -2.69 0.00	114.95 -3.18 0.00	101.45 -3.13 0.00	76.70 -2.21 0.00	77.11 -2.06 0.00	66.51 -1.56 0.00	44.47 -0.96 0.00
MID___RAQUETTE_HYD 23851	24.44 -1.07 0.00	20.14 -0.93 0.00	20.68 -1.00 0.00	20.51 -0.99 0.00	20.09 -0.97 0.00	33.21 -1.53 0.00	54.53 -2.27 0.00	47.61 -1.83 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	50.90 -2.34 0.00	43.01 -2.36 0.00	39.79 -2.01 0.00	38.86 -1.96 0.00	38.48 -1.94 0.00	36.71 -2.51 0.00	56.73 -3.56 0.00	97.10 -6.31 0.00	110.69 -7.44 0.00	98.63 -5.96 0.00	74.50 -4.42 0.00	75.05 -4.12 0.00	65.08 -2.99 0.00	43.61 -1.82 0.00



MILLIKEN___1 23584	40.43 -0.66 -15.58	36.54 -0.44 -15.92	36.11 -0.48 -14.91	35.76 -0.45 -14.72	36.37 -0.46 -15.77	47.71 -0.76 -13.74	69.53 -0.97 -13.69	64.92 -0.84 -16.32	76.53 -1.22 -13.72	69.23 -1.11 -17.80	62.20 -1.17 -10.13	55.83 -1.00 -11.46	52.43 -1.00 -11.63	50.52 -0.98 -10.68	49.91 -0.97 -10.47	49.68 -0.90 -11.36	67.53 -1.27 -8.50	104.27 -1.97 -2.84	116.24 -1.89 0.00	102.51 -2.20 -0.12	82.87 -1.58 -5.53	80.55 -1.82 -3.19	70.49 -1.77 -4.19	48.66 -1.09 -4.32
MILLIKEN___2 23585	40.43 -0.66 -15.58	36.54 -0.44 -15.92	36.11 -0.48 -14.91	35.76 -0.45 -14.72	36.37 -0.46 -15.77	47.71 -0.76 -13.74	69.53 -0.97 -13.69	64.92 -0.84 -16.32	76.53 -1.22 -13.72	69.23 -1.11 -17.80	62.20 -1.17 -10.13	55.83 -1.00 -11.46	52.43 -1.00 -11.63	50.52 -0.98 -10.68	49.91 -0.97 -10.47	49.68 -0.90 -11.36	67.53 -1.27 -8.50	104.27 -1.97 -2.84	116.24 -1.89 0.00	102.51 -2.20 -0.12	82.87 -1.58 -5.53	80.55 -1.82 -3.19	70.49 -1.77 -4.19	48.66 -1.09 -4.32
MILLIKEN___DIESEL 23629	40.43 -0.66 -15.58	36.54 -0.44 -15.92	36.11 -0.48 -14.91	35.76 -0.45 -14.72	36.37 -0.46 -15.77	47.71 -0.76 -13.74	69.53 -0.97 -13.69	64.92 -0.84 -16.32	76.53 -1.22 -13.72	69.23 -1.11 -17.80	62.20 -1.17 -10.13	55.83 -1.00 -11.46	52.43 -1.00 -11.63	50.52 -0.98 -10.68	49.91 -0.97 -10.47	49.68 -0.90 -11.36	67.53 -1.27 -8.50	104.27 -1.97 -2.84	116.24 -1.89 0.00	102.51 -2.20 -0.12	82.87 -1.58 -5.53	80.55 -1.82 -3.19	70.49 -1.77 -4.19	48.66 -1.09 -4.32
MILLSEAT___LFGE 323607	36.51 -0.76 -11.77	32.54 -0.55 -12.02	32.44 -0.50 -11.26	32.20 -0.41 -11.11	32.55 -0.42 -11.91	44.34 -0.76 -10.37	65.10 -2.04 -10.34	59.73 -2.03 -12.32	70.97 -3.07 -10.02	62.43 -3.10 -13.00	57.44 -3.19 -7.40	51.33 -2.41 -8.37	48.16 -2.13 -8.49	46.72 -2.16 -8.06	46.09 -2.22 -7.90	45.88 -1.92 -8.57	63.45 -3.26 -6.42	100.28 -5.27 -2.14	111.87 -6.26 0.00	98.09 -6.59 -0.09	77.80 -5.29 -4.17	76.20 -5.39 -2.41	66.54 -4.70 -3.16	46.19 -2.50 -3.26
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	103.78 2.27 -76.00	100.60 1.92 -77.62	96.40 1.99 -72.73	95.24 1.98 -71.76	99.86 1.90 -76.90	104.74 3.02 -66.99	128.24 4.66 -66.77	133.53 4.50 -79.59	133.81 6.34 -63.44	140.09 5.25 -82.31	105.57 5.48 -46.84	102.99 4.63 -52.99	99.84 4.27 -53.78	96.99 4.17 -52.00	95.56 4.16 -50.98	98.55 4.00 -55.32	107.66 5.97 -41.40	127.65 10.44 -13.80	129.94 11.81 0.00	115.52 10.36 -0.57	113.58 7.74 -26.93	102.55 7.84 -15.54	95.35 6.87 -20.40	70.92 4.45 -21.04
MODEL_CITY_ENERGY 24167	36.27 -1.30 -12.06	32.41 -0.97 -12.32	32.28 -0.93 -11.54	32.03 -0.86 -11.39	32.42 -0.84 -12.20	43.80 -1.56 -10.63	63.71 -3.69 -10.59	58.36 -3.71 -12.63	69.04 -5.25 -10.26	60.91 -4.94 -13.31	55.81 -5.01 -7.58	50.04 -3.90 -8.57	47.07 -3.43 -8.70	45.65 -3.43 -8.26	45.08 -3.44 -8.10	44.95 -3.06 -8.79	61.68 -5.19 -6.58	96.81 -8.79 -2.19	107.85 -10.28 0.00	94.74 -9.94 -0.09	75.38 -7.81 -4.28	73.80 -7.84 -2.47	64.64 -6.67 -3.24	45.09 -3.68 -3.34
MODERN_LFGE___ 323580	36.27 -1.30 -12.06	32.41 -0.97 -12.32	32.28 -0.93 -11.54	32.03 -0.86 -11.39	32.42 -0.84 -12.20	43.80 -1.56 -10.63	63.71 -3.69 -10.59	58.36 -3.71 -12.63	69.04 -5.25 -10.26	60.91 -4.94 -13.31	55.81 -5.01 -7.58	50.04 -3.90 -8.57	47.07 -3.43 -8.70	45.65 -3.43 -8.26	45.08 -3.44 -8.10	44.95 -3.06 -8.79	61.68 -5.19 -6.58	96.81 -8.79 -2.19	107.85 -10.28 0.00	94.74 -9.94 -0.09	75.38 -7.81 -4.28	73.80 -7.84 -2.47	64.64 -6.67 -3.24	45.09 -3.68 -3.34
MOHAWK_PAPER___DRP 24187	128.33 1.74 -101.08	125.74 1.43 -103.24	119.88 1.47 -96.74	118.41 1.46 -95.45	124.79 1.45 -102.28	126.30 2.47 -89.10	149.76 4.14 -88.81	158.91 3.61 -105.86	153.22 4.86 -84.33	165.87 3.94 -109.40	119.50 3.99 -62.26	119.25 3.45 -70.44	116.46 3.17 -71.49	113.05 3.06 -69.16	111.26 3.03 -67.81	115.79 2.98 -73.58	120.00 4.64 -55.06	130.04 8.28 -18.36	127.59 9.45 0.00	113.52 8.16 -0.76	120.81 6.08 -35.82	105.79 5.94 -20.67	100.18 4.97 -27.14	76.54 3.13 -27.99
MONGAUP___HYD 23641	98.14 2.42 -70.20	94.79 2.02 -71.70	90.94 2.08 -67.18	89.85 2.06 -66.29	94.10 2.00 -71.03	99.91 3.30 -61.88	123.26 4.77 -61.68	127.60 4.65 -73.52	129.04 6.40 -58.61	133.72 5.15 -76.04	101.95 5.43 -43.28	99.23 4.90 -48.96	96.00 4.52 -49.69	93.10 4.25 -48.03	91.71 4.20 -47.09	94.48 4.16 -51.10	104.45 5.91 -38.25	127.01 10.85 -12.75	130.30 12.17 0.00	115.58 10.46 -0.53	111.61 7.81 -24.88	101.92 8.39 -14.36	94.00 7.08 -18.85	69.23 4.36 -19.44
MONTAUK___DIESEL 23721	107.21 5.00 -76.70	104.03 4.47 -78.50	101.66 4.62 -75.37	101.03 4.54 -74.99	103.33 4.46 -77.81	109.06 6.74 -67.58	133.99 10.00 -67.18	138.76 9.24 -80.08	140.34 12.49 -63.83	145.43 10.09 -82.81	112.37 11.29 -47.84	109.32 9.80 -54.16	106.35 9.44 -55.11	103.50 9.22 -53.45	102.43 9.30 -52.72	104.81 8.86 -56.72	115.67 13.08 -42.29	140.46 23.16 -13.89	145.07 26.94 0.00	129.55 24.17 -0.80	124.17 17.76 -27.50	114.06 18.06 -16.83	105.73 16.27 -21.39	101.62 10.22 -45.97
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	104.54 2.58 -76.45	101.32 2.17 -78.09	97.07 2.23 -73.17	95.91 2.22 -72.19	100.55 2.13 -77.36	105.53 3.41 -67.39	129.32 5.34 -67.17	134.60 5.09 -80.07	135.02 7.17 -63.82	141.26 5.93 -82.80	106.48 6.12 -47.12	103.80 5.13 -53.31	100.66 4.76 -54.10	97.79 4.65 -52.31	96.35 4.65 -51.29	99.31 4.43 -55.65	108.63 6.69 -41.65	128.98 11.68 -13.89	131.36 13.23 0.00	116.67 11.50 -0.58	114.53 8.53 -27.09	103.44 8.63 -15.63	96.22 7.62 -20.53	71.59 5.00 -21.17
MUNSVILLE_WIND_PWR 323609	51.06 1.56 -23.99	46.77 1.20 -24.50	45.80 1.17 -22.96	45.33 1.18 -22.65	46.56 1.22 -24.27	58.31 2.43 -21.15	83.28 5.40 -21.08	79.51 4.94 -25.12	90.89 6.34 -20.52	84.41 5.25 -26.62	73.55 5.16 -15.15	66.14 3.63 -17.14	62.24 3.05 -17.40	60.23 2.98 -16.42	59.43 2.91 -16.10	59.64 2.94 -17.47	78.80 5.43 -13.08	118.94 11.17 -4.36	130.78 12.65 0.00	113.77 9.00 -0.18	94.60 7.18 -8.51	91.29 7.20 -4.91	80.37 5.86 -6.45	56.02 3.95 -6.65
N SALMON___HYD 24042	24.75 -0.76 0.00	20.37 -0.69 0.00	20.89 -0.78 0.00	20.68 -0.82 0.00	20.26 -0.80 0.00	33.34 -1.39 0.00	54.37 -2.44 0.00	47.71 -1.73 0.00	61.02 -3.01 0.00	50.53 -2.00 0.00	51.32 -1.91 0.00	43.47 -1.90 0.00	40.00 -1.80 0.00	39.11 -1.71 0.00	38.72 -1.70 0.00	37.15 -2.08 0.00	57.58 -2.71 0.00	98.34 -5.06 0.00	112.35 -5.79 0.00	101.66 -2.93 0.00	76.39 -2.53 0.00	76.56 -2.61 0.00	65.89 -2.18 0.00	44.15 -1.27 0.00
N.E_GEN_SANDY PD 24062	118.90 2.07 -91.33	116.05 1.71 -93.28	110.83 1.75 -87.40	109.50 1.76 -86.24	115.20 1.73 -92.41	118.05 2.81 -80.50	141.53 4.49 -80.23	149.24 4.15 -95.64	145.93 5.70 -76.21	156.07 4.67 -98.87	114.30 4.79 -56.27	113.11 4.08 -63.66	110.16 3.76 -64.60	106.99 3.68 -62.49	105.32 3.64 -61.26	109.27 3.57 -66.48	115.47 5.43 -49.75	129.50 9.51 -16.59	128.88 10.75 0.00	114.70 9.42 -0.69	118.22 6.95 -32.36	104.82 6.97 -18.68	98.65 6.06 -24.52	74.62 3.91 -25.29
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	101.58 2.19 -73.88	98.37 1.85 -75.45	94.28 1.91 -70.70	93.15 1.89 -69.76	97.64 1.83 -74.75	102.77 2.92 -65.12	126.26 4.55 -64.90	131.21 4.40 -77.37	131.91 6.21 -61.67	137.64 5.09 -80.01	104.15 5.37 -45.54	101.38 4.49 -51.52	98.26 4.18 -52.28	95.42 4.04 -50.55	94.02 4.04 -49.56	96.89 3.88 -53.78	106.39 5.85 -40.25	127.17 10.34 -13.42	129.83 11.70 0.00	115.29 10.14 -0.56	112.67 7.58 -26.18	101.96 7.68 -15.11	94.65 6.74 -19.84	70.20 4.32 -20.46



NARROWS_GT1_1 24228	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT1_2 24229	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT1_3 24230	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT1_4 24231	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT1_5 24232	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT1_6 24233	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT1_7 24234	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT1_8 24235	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT2_1 24236	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT2_2 24237	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT2_3 24238	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT2_4 24239	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT2_5 24240	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT2_6 24241	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NARROWS_GT2_7 24242	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19



NARROWS_GT2_8 24243	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	112.23 2.32 -84.40	109.17 1.90 -86.21	104.42 1.97 -80.77	103.16 1.96 -79.70	108.38 1.92 -85.40	112.29 3.16 -74.40	136.25 5.28 -74.15	142.78 4.94 -88.40	141.13 6.66 -70.44	149.22 5.30 -91.39	110.68 5.43 -52.01	108.75 4.54 -58.84	105.65 4.14 -59.72	102.41 3.84 -57.75	100.83 3.80 -56.62	104.47 3.80 -61.44	112.29 6.09 -45.91	130.09 11.37 -15.31	131.13 12.99 0.00	116.20 10.98 -0.64	116.91 8.13 -29.86	104.40 7.99 -17.23	97.23 6.54 -22.63	72.71 3.95 -23.33
NEG CAPITAL___MECHNVIL 23645	132.68 2.12 -105.06	130.10 1.73 -107.30	123.97 1.75 -100.54	122.47 1.76 -99.20	129.13 1.77 -106.30	130.36 3.02 -92.61	154.39 5.28 -92.30	164.26 4.79 -110.03	157.87 6.21 -87.63	171.21 4.99 -113.69	123.11 5.16 -64.70	123.02 4.45 -73.20	120.14 4.05 -74.29	116.71 4.00 -71.88	114.81 3.92 -70.48	119.58 3.88 -76.47	123.68 6.15 -57.23	133.97 11.48 -19.08	131.24 13.11 0.00	116.58 11.20 -0.79	124.27 8.13 -37.23	108.57 7.92 -21.48	102.75 6.47 -28.21	78.55 4.04 -29.09
NEG CENTRAL_HIGH_ACRES 23767	33.58 -1.12 -9.19	29.57 -0.88 -9.39	29.58 -0.89 -8.80	29.34 -0.84 -8.68	29.54 -0.82 -9.30	41.48 -1.36 -8.10	62.67 -2.22 -8.08	57.09 -1.98 -9.63	69.14 -2.75 -7.86	60.21 -2.52 -10.20	56.38 -2.66 -5.81	49.81 -2.13 -6.57	46.46 -2.01 -6.67	45.12 -2.00 -6.30	44.57 -2.02 -6.18	44.08 -1.84 -6.70	62.41 -2.89 -5.02	100.43 -4.65 -1.67	112.94 -5.20 0.00	99.43 -5.23 -0.07	78.16 -4.02 -3.26	76.86 -4.20 -1.88	66.73 -3.81 -2.47	45.61 -2.36 -2.55
NEG CENTRAL___DRP 24199	35.18 -0.49 -10.16	31.06 -0.38 -10.38	31.03 -0.37 -9.72	30.73 -0.37 -9.59	31.00 -0.34 -10.28	43.23 -0.45 -8.95	65.11 -0.62 -8.92	59.49 -0.59 -10.64	71.87 -0.90 -8.74	62.86 -1.00 -11.33	58.68 -1.01 -6.45	51.89 -0.77 -7.30	48.41 -0.80 -7.41	47.01 -0.78 -6.96	46.43 -0.81 -6.82	45.93 -0.70 -7.40	64.81 -1.03 -5.54	103.60 -1.66 -1.85	116.59 -1.54 0.00	102.79 -1.88 -0.08	81.10 -1.42 -3.61	79.59 -1.67 -2.08	69.17 -1.63 -2.73	47.33 -0.91 -2.82
NEG CENTRAL___INDECK 23768	39.25 0.20 -13.53	35.10 0.21 -13.82	34.89 0.26 -12.95	34.58 0.30 -12.78	35.09 0.34 -13.69	47.36 0.69 -11.93	69.89 1.19 -11.89	64.75 1.14 -14.17	76.72 1.15 -11.54	65.98 -1.53 -14.97	60.21 -1.55 -8.52	54.37 -0.64 -9.64	50.95 -0.63 -9.78	49.44 -0.77 -9.27	48.73 -0.77 -9.09	48.54 -0.55 -9.86	66.83 -0.84 -7.38	103.38 -2.48 -2.46	115.53 -2.60 0.00	101.45 -3.24 -0.10	81.42 -2.29 -4.80	82.34 0.40 -2.77	71.64 -0.07 -3.64	49.40 0.23 -3.75
NEG CENTRAL___SENECA 23627	36.32 -0.46 -11.27	32.22 -0.36 -11.51	32.11 -0.35 -10.79	31.82 -0.32 -10.64	32.17 -0.29 -11.40	44.29 -0.38 -9.94	66.20 -0.51 -9.90	60.80 -0.45 -11.80	72.92 -0.77 -9.66	64.12 -0.94 -12.53	59.36 -1.01 -7.13	52.71 -0.73 -8.07	49.23 -0.75 -8.19	47.81 -0.73 -7.72	47.22 -0.77 -7.57	46.81 -0.63 -8.21	65.47 -0.97 -6.15	103.91 -1.55 -2.05	116.83 -1.30 0.00	102.90 -1.78 -0.09	81.57 -1.34 -4.00	79.90 -1.58 -2.31	69.47 -1.63 -3.03	47.69 -0.86 -3.12
NEG CENTRAL___STATE_STREET 24147	35.21 -0.20 -9.90	31.03 -0.15 -10.11	31.00 -0.15 -9.48	30.70 -0.15 -9.35	30.96 -0.13 -10.02	43.36 -0.10 -8.73	65.56 0.06 -8.70	59.76 -0.05 -10.37	72.42 -0.19 -8.58	63.41 -0.26 -11.14	59.26 -0.32 -6.34	52.31 -0.23 -7.17	48.82 -0.25 -7.28	47.33 -0.28 -6.79	46.79 -0.28 -6.65	46.21 -0.23 -7.22	65.40 -0.30 -5.40	104.90 -0.31 -1.80	118.13 0.00 0.00	104.25 -0.42 -0.08	82.12 -0.31 -3.52	80.65 -0.55 -2.03	70.05 -0.68 -2.66	47.81 -0.36 -2.75
NEG MILLWOOD___DRP 24198	106.73 2.55 -78.67	103.56 2.15 -80.35	99.17 2.21 -75.28	97.98 2.19 -74.28	102.77 2.11 -79.60	107.48 3.41 -69.34	131.21 5.28 -69.11	136.92 5.09 -82.39	136.80 7.11 -65.66	143.55 5.83 -85.19	107.89 6.17 -48.48	105.34 5.13 -54.85	102.10 4.64 -55.67	99.26 4.61 -53.82	97.75 4.57 -52.77	100.92 4.43 -57.26	109.89 6.75 -42.84	129.58 11.89 -14.29	131.59 13.46 0.00	116.89 11.71 -0.59	115.78 8.99 -27.87	104.36 9.10 -16.08	96.74 7.56 -21.12	72.06 4.86 -21.77
NEG NORTH_FLCN_SEA 23793	24.87 -0.64 0.00	20.50 -0.57 0.00	21.00 -0.67 0.00	20.77 -0.73 0.00	20.35 -0.72 0.00	33.45 -1.28 0.00	54.48 -2.33 0.00	47.76 -1.68 0.00	61.28 -2.75 0.00	50.64 -1.89 0.00	51.43 -1.81 0.00	43.65 -1.72 0.00	40.12 -1.67 0.00	39.27 -1.55 0.00	38.88 -1.54 0.00	37.46 -1.76 0.00	58.00 -2.29 0.00	99.16 -4.24 0.00	113.40 -4.73 0.00	102.50 -2.09 0.00	77.10 -1.81 0.00	77.36 -1.82 0.00	66.51 -1.56 0.00	44.52 -0.91 0.00
NEG NORTH_KES_CHATEGAY 23792	24.57 -0.94 0.00	20.25 -0.82 0.00	20.74 -0.93 0.00	20.53 -0.97 0.00	20.09 -0.97 0.00	33.07 -1.67 0.00	53.85 -2.96 0.00	47.17 -2.27 0.00	60.57 -3.46 0.00	50.06 -2.47 0.00	50.79 -2.45 0.00	43.15 -2.22 0.00	39.71 -2.09 0.00	38.82 -2.00 0.00	38.48 -1.94 0.00	37.07 -2.16 0.00	57.40 -2.89 0.00	98.14 -5.27 0.00	112.23 -5.90 0.00	101.24 -3.35 0.00	76.23 -2.68 0.00	76.56 -2.61 0.00	65.83 -2.24 0.00	44.06 -1.36 0.00
NEG NORTH___ALICE_FALLS 23915	24.87 -0.64 0.00	20.50 -0.57 0.00	21.00 -0.67 0.00	20.77 -0.73 0.00	20.35 -0.72 0.00	33.45 -1.28 0.00	54.42 -2.38 0.00	47.76 -1.68 0.00	61.15 -2.88 0.00	50.64 -1.89 0.00	51.43 -1.81 0.00	43.65 -1.72 0.00	40.08 -1.72 0.00	39.23 -1.59 0.00	38.84 -1.58 0.00	37.38 -1.84 0.00	57.94 -2.35 0.00	98.96 -4.44 0.00	113.17 -4.96 0.00	102.60 -1.99 0.00	77.10 -1.81 0.00	77.27 -1.90 0.00	66.30 -1.77 0.00	44.43 -1.00 0.00
NEG NORTH___LWR_SARANAC 23913	24.87 -0.64 0.00	20.50 -0.57 0.00	21.00 -0.67 0.00	20.77 -0.73 0.00	20.35 -0.72 0.00	33.45 -1.28 0.00	54.42 -2.38 0.00	47.76 -1.68 0.00	61.15 -2.88 0.00	50.64 -1.89 0.00	51.43 -1.81 0.00	43.65 -1.72 0.00	40.08 -1.72 0.00	39.23 -1.59 0.00	38.84 -1.58 0.00	37.38 -1.84 0.00	57.94 -2.35 0.00	98.96 -4.44 0.00	113.17 -4.96 0.00	102.60 -1.99 0.00	77.10 -1.81 0.00	77.27 -1.90 0.00	66.30 -1.77 0.00	44.43 -1.00 0.00
NEG NORTH___PLATTSBURG 23628	24.87 -0.64 0.00	20.50 -0.57 0.00	21.00 -0.67 0.00	20.77 -0.73 0.00	20.35 -0.72 0.00	33.45 -1.28 0.00	54.42 -2.38 0.00	47.76 -1.68 0.00	61.15 -2.88 0.00	50.64 -1.89 0.00	51.43 -1.81 0.00	43.65 -1.72 0.00	40.08 -1.72 0.00	39.23 -1.59 0.00	38.84 -1.58 0.00	37.38 -1.84 0.00	57.94 -2.35 0.00	98.96 -4.44 0.00	113.17 -4.96 0.00	102.60 -1.99 0.00	77.10 -1.81 0.00	77.27 -1.90 0.00	66.30 -1.77 0.00	44.43 -1.00 0.00
NEG WEST_LEA_LOCKPORT 23791	36.17 -1.30 -11.96	32.31 -0.97 -12.21	32.18 -0.93 -11.44	31.93 -0.86 -11.29	32.29 -0.86 -12.10	43.74 -1.53 -10.54	63.84 -3.47 -10.50	58.55 -3.41 -12.52	69.40 -4.80 -10.18	61.16 -4.57 -13.20	56.12 -4.63 -7.51	50.28 -3.59 -8.50	47.24 -3.18 -8.63	45.83 -3.18 -8.19	45.25 -3.19 -8.03	45.07 -2.86 -8.71	62.05 -4.76 -6.52	97.41 -8.17 -2.17	108.57 -9.56 0.00	95.37 -9.31 -0.09	75.82 -7.34 -4.24	74.26 -7.36 -2.45	65.02 -6.26 -3.21	45.20 -3.54 -3.31



NEG WEST___LANCASTR 23811	39.01 -0.38 -13.88	35.01 -0.23 -14.17	34.76 -0.20 -13.28	34.46 -0.15 -13.10	34.98 -0.13 -14.04	46.72 -0.24 -12.23	67.92 -1.08 -12.19	62.93 -1.04 -14.53	74.31 -1.54 -11.81	65.86 -2.00 -15.33	60.10 -1.86 -8.72	53.97 -1.27 -9.87	50.72 -1.09 -10.02	49.19 -1.14 -9.51	48.57 -1.17 -9.33	48.37 -0.98 -10.12	66.18 -1.69 -7.58	103.15 -2.79 -2.53	114.70 -3.43 0.00	101.03 -3.66 -0.11	80.76 -3.08 -4.93	78.85 -3.17 -2.84	68.95 -2.86 -3.73	48.00 -1.27 -3.85
NEG_PENN_ALLEGHNY 23528	51.26 0.54 -25.21	47.26 0.44 -25.75	46.28 0.48 -24.13	45.78 0.47 -23.80	47.05 0.48 -25.51	57.82 0.87 -22.22	80.38 1.42 -22.15	77.08 1.24 -26.40	86.98 1.60 -21.35	81.28 1.05 -27.70	70.12 1.12 -15.76	64.25 1.04 -17.83	60.81 0.92 -18.10	58.94 0.86 -17.26	58.18 0.85 -16.92	58.45 0.86 -18.36	75.36 1.32 -13.74	110.26 2.27 -4.58	120.85 2.72 0.00	106.87 2.09 -0.19	89.51 1.66 -8.94	85.83 1.50 -5.16	76.00 1.16 -6.77	53.37 0.96 -6.98
NEG___GEN_MONROE 24207	34.48 -0.56 -9.53	30.42 -0.38 -9.73	30.44 -0.35 -9.12	30.22 -0.28 -9.00	30.43 -0.27 -9.64	42.72 -0.42 -8.40	64.33 -0.85 -8.37	58.53 -0.89 -9.98	70.62 -1.54 -8.12	61.39 -1.68 -10.54	57.43 -1.81 -6.00	50.80 -1.36 -6.79	47.39 -1.30 -6.89	46.08 -1.27 -6.52	45.52 -1.29 -6.40	45.03 -1.14 -6.94	63.68 -1.81 -5.20	102.35 -2.79 -1.73	115.06 -3.07 0.00	101.10 -3.56 -0.07	79.38 -2.92 -3.38	78.12 -3.01 -1.95	67.78 -2.86 -2.56	46.48 -1.59 -2.64
NEPA___ENERGY 23901	41.33 -0.74 -16.56	37.42 -0.57 -16.92	36.98 -0.54 -15.85	36.65 -0.49 -15.64	37.36 -0.46 -16.76	48.54 -0.80 -14.60	69.37 -1.99 -14.55	64.96 -1.83 -17.35	75.54 -2.56 -14.07	68.11 -2.68 -18.26	61.02 -2.61 -10.39	55.17 -1.95 -11.75	51.97 -1.75 -11.93	50.41 -1.75 -11.34	49.76 -1.78 -11.12	49.72 -1.57 -12.06	66.67 -2.65 -9.03	101.87 -4.55 -3.01	112.82 -5.31 0.00	99.49 -5.23 -0.13	80.68 -4.11 -5.87	78.36 -4.20 -3.39	68.85 -3.68 -4.45	48.20 -1.82 -4.59
NEVERSINK___HYD 23608	96.24 1.20 -69.53	93.09 1.01 -71.01	89.25 1.04 -66.54	88.19 1.03 -65.65	92.40 0.99 -70.35	97.65 1.63 -61.29	120.51 2.61 -61.08	125.02 2.77 -72.82	126.05 3.97 -58.05	131.05 3.20 -75.31	99.51 3.41 -42.86	96.58 2.72 -48.49	93.47 2.47 -49.21	90.72 2.33 -47.57	89.36 2.30 -46.64	92.11 2.27 -50.61	101.50 3.50 -37.71	122.50 6.52 -12.57	125.46 7.33 0.00	111.18 6.06 -0.52	108.02 4.58 -24.53	97.92 4.59 -14.16	90.54 3.88 -18.59	66.91 2.32 -19.17
NEWTON___FALLS_HYD 23847	24.90 -0.61 0.00	20.52 -0.55 0.00	21.09 -0.58 0.00	20.92 -0.58 0.00	20.51 -0.55 0.00	33.97 -0.76 0.00	56.07 -0.74 0.00	48.85 -0.59 0.00	62.75 -1.28 0.00	51.64 -0.89 0.00	52.33 -0.91 0.00	44.19 -1.18 0.00	40.75 -1.04 0.00	39.80 -1.02 0.00	39.41 -1.01 0.00	37.85 -1.37 0.00	58.54 -1.75 0.00	100.72 -2.69 0.00	114.95 -3.18 0.00	101.45 -3.13 0.00	76.70 -2.21 0.00	77.11 -2.06 0.00	66.51 -1.56 0.00	44.47 -0.96 0.00
NIAGARA_115E_LBMP 323715	36.30 -1.35 -12.14	32.44 -1.03 -12.40	32.30 -1.00 -11.62	32.06 -0.90 -11.46	32.44 -0.91 -12.28	43.77 -1.67 -10.70	63.56 -3.92 -10.67	58.20 -3.96 -12.72	68.79 -5.57 -10.33	60.74 -5.20 -13.41	55.60 -5.27 -7.63	49.87 -4.13 -8.63	46.92 -3.64 -8.76	45.50 -3.63 -8.31	44.93 -3.64 -8.15	44.82 -3.26 -8.85	61.43 -5.49 -6.62	96.21 -9.41 -2.21	107.15 -10.98 0.00	94.22 -10.46 -0.09	75.01 -8.21 -4.31	73.42 -8.24 -2.49	64.33 -7.01 -3.26	44.93 -3.86 -3.37
NIAGARA_115W_LBMP 323714	36.26 -1.35 -12.10	32.39 -1.03 -12.36	32.28 -0.97 -11.58	32.02 -0.90 -11.42	32.40 -0.91 -12.24	43.73 -1.67 -10.66	63.52 -3.92 -10.63	58.25 -3.86 -12.67	68.88 -5.44 -10.29	60.79 -5.09 -13.36	55.68 -5.16 -7.60	49.93 -4.04 -8.60	46.97 -3.55 -8.73	45.56 -3.55 -8.28	44.98 -3.56 -8.12	44.86 -3.18 -8.81	61.52 -5.37 -6.60	96.40 -9.20 -2.20	107.38 -10.75 0.00	94.43 -10.25 -0.09	75.16 -8.05 -4.29	73.57 -8.08 -2.48	64.52 -6.81 -3.25	44.96 -3.82 -3.35
NIAGARA_230_LBMP 323716	36.08 -1.38 -11.94	32.23 -1.03 -12.20	32.11 -1.00 -11.43	31.85 -0.92 -11.28	32.22 -0.93 -12.09	43.59 -1.67 -10.53	63.61 -3.69 -10.49	58.44 -3.51 -12.51	69.19 -4.99 -10.16	61.04 -4.68 -13.18	56.00 -4.74 -7.50	50.14 -3.72 -8.49	47.15 -3.26 -8.61	45.73 -3.27 -8.18	45.16 -3.27 -8.02	44.98 -2.94 -8.70	61.86 -4.94 -6.51	97.21 -8.37 -2.17	108.33 -9.80 0.00	95.27 -9.41 -0.09	75.81 -7.34 -4.24	74.17 -7.45 -2.44	64.95 -6.33 -3.21	45.15 -3.59 -3.31
NIAGARA____ 23760	36.23 -1.35 -12.07	32.36 -1.03 -12.33	32.23 -1.00 -11.55	31.99 -0.90 -11.40	32.37 -0.91 -12.21	43.70 -1.67 -10.64	63.55 -3.86 -10.60	58.27 -3.81 -12.64	68.92 -5.38 -10.27	60.86 -4.99 -13.32	55.71 -5.11 -7.58	50.00 -3.95 -8.58	46.99 -3.51 -8.71	45.58 -3.51 -8.26	45.00 -3.52 -8.10	44.88 -3.14 -8.79	61.57 -5.31 -6.58	96.50 -9.10 -2.19	107.62 -10.51 0.00	94.64 -10.04 -0.09	75.30 -7.89 -4.28	73.73 -7.92 -2.47	64.57 -6.74 -3.24	45.00 -3.77 -3.34
NINE_MILE_1 23575	29.54 -0.82 -4.85	25.34 -0.67 -4.95	25.62 -0.69 -4.64	25.39 -0.69 -4.58	25.31 -0.65 -4.90	37.93 -1.08 -4.27	59.36 -1.70 -4.26	52.83 -1.68 -5.08	65.85 -2.30 -4.12	55.93 -1.94 -5.34	54.26 -2.02 -3.04	47.13 -1.68 -3.44	43.74 -1.55 -3.49	42.59 -1.55 -3.32	42.14 -1.54 -3.26	41.35 -1.41 -3.53	60.71 -2.23 -2.64	100.46 -3.82 -0.88	113.76 -4.37 0.00	100.54 -4.08 -0.04	77.56 -3.08 -1.72	77.08 -3.09 -0.99	66.65 -2.72 -1.30	45.04 -1.73 -1.34
NINE_MILE_2 23744	29.53 -0.82 -4.84	25.33 -0.67 -4.94	25.61 -0.69 -4.63	25.40 -0.67 -4.57	25.30 -0.65 -4.89	37.92 -1.08 -4.26	59.35 -1.70 -4.25	52.82 -1.68 -5.06	65.84 -2.30 -4.11	55.98 -1.89 -5.33	54.25 -2.02 -3.04	47.13 -1.68 -3.43	43.74 -1.55 -3.49	42.63 -1.51 -3.31	42.13 -1.54 -3.25	41.34 -1.41 -3.53	60.70 -2.23 -2.64	100.46 -3.82 -0.88	113.76 -4.37 0.00	100.54 -4.08 -0.04	77.55 -3.08 -1.72	77.08 -3.09 -0.99	66.65 -2.72 -1.30	45.04 -1.73 -1.34
NM_CAPITAL___DRP 24208	127.39 1.63 -100.24	124.80 1.35 -102.38	118.99 1.39 -95.93	117.55 1.40 -94.66	123.86 1.37 -101.43	125.39 2.29 -88.36	148.68 3.81 -88.07	157.68 3.26 -104.98	152.07 4.41 -83.63	164.60 3.57 -108.50	118.66 3.67 -61.75	118.35 3.13 -69.86	115.57 2.88 -70.90	112.22 2.81 -68.59	110.41 2.75 -67.25	114.90 2.70 -72.97	119.12 4.22 -54.61	128.85 7.24 -18.21	126.52 8.39 0.00	112.67 7.32 -0.76	119.88 5.44 -35.52	105.06 5.39 -20.50	99.55 4.56 -26.91	76.04 2.86 -27.75
NM_CENTRAL___DRP 24181	31.29 -0.36 -6.14	27.04 -0.29 -6.27	27.25 -0.30 -5.88	27.02 -0.28 -5.80	27.00 -0.27 -6.21	39.77 -0.38 -5.41	61.69 -0.51 -5.40	55.33 -0.54 -6.43	68.20 -0.83 -5.01	58.30 -0.74 -6.50	56.14 -0.80 -3.70	48.92 -0.64 -4.19	45.42 -0.63 -4.25	44.40 -0.65 -4.23	43.92 -0.65 -4.15	43.14 -0.59 -4.50	62.76 -0.90 -3.37	102.98 -1.55 -1.12	116.48 -1.65 0.00	102.86 -1.78 -0.05	79.84 -1.27 -2.19	79.02 -1.42 -1.27	68.37 -1.36 -1.66	46.32 -0.82 -1.71
NM_FRONTIER___DRP 24179	36.26 -1.35 -12.10	32.39 -1.03 -12.36	32.28 -0.97 -11.58	32.02 -0.90 -11.42	32.40 -0.91 -12.24	43.73 -1.67 -10.66	63.52 -3.92 -10.63	58.25 -3.86 -12.67	68.88 -5.44 -10.29	60.79 -5.09 -13.36	55.68 -5.16 -7.60	49.93 -4.04 -8.60	46.97 -3.55 -8.73	45.56 -3.55 -8.28	44.98 -3.56 -8.12	44.86 -3.18 -8.81	61.52 -5.37 -6.60	96.40 -9.20 -2.20	107.38 -10.75 0.00	94.43 -10.25 -0.09	75.16 -8.05 -4.29	73.57 -8.08 -2.48	64.52 -6.81 -3.25	44.96 -3.82 -3.35



NM_ST_REGIS___HYD 24053	24.51 -1.00 0.00	20.18 -0.88 0.00	20.72 -0.95 0.00	20.53 -0.97 0.00	20.14 -0.93 0.00	33.24 -1.49 0.00	54.48 -2.33 0.00	47.61 -1.83 0.00	60.83 -3.20 0.00	50.27 -2.26 0.00	51.00 -2.23 0.00	43.15 -2.22 0.00	39.83 -1.96 0.00	38.91 -1.92 0.00	38.52 -1.90 0.00	36.79 -2.43 0.00	56.92 -3.38 0.00	97.31 -6.10 0.00	111.05 -7.08 0.00	99.36 -5.23 0.00	74.97 -3.94 0.00	75.37 -3.80 0.00	65.28 -2.79 0.00	43.75 -1.68 0.00
NORTHPORT___1 23551	105.07 2.88 -76.68	102.35 2.82 -78.46	99.98 2.99 -75.31	99.39 2.95 -74.94	101.67 2.84 -77.76	105.98 3.68 -67.56	128.58 4.60 -67.18	134.02 4.50 -80.08	134.26 6.40 -63.83	140.64 5.30 -82.81	107.29 6.28 -47.77	105.02 5.58 -54.07	102.66 5.85 -55.01	100.08 5.92 -53.34	99.04 6.02 -52.60	101.41 5.57 -56.62	109.63 7.11 -42.23	129.18 11.89 -13.89	131.82 13.70 0.01	118.01 12.65 -0.78	115.76 9.39 -27.46	106.43 10.53 -16.72	99.66 10.28 -21.31	98.01 6.68 -45.90
NORTHPORT___2 23552	105.07 2.88 -76.68	102.35 2.82 -78.46	99.98 2.99 -75.31	99.39 2.95 -74.94	101.67 2.84 -77.76	105.98 3.68 -67.56	128.58 4.60 -67.18	134.02 4.50 -80.08	134.26 6.40 -63.83	140.64 5.30 -82.81	107.29 6.28 -47.77	105.02 5.58 -54.07	102.66 5.85 -55.01	100.08 5.92 -53.34	99.04 6.02 -52.60	101.41 5.57 -56.62	109.63 7.11 -42.23	129.18 11.89 -13.89	131.82 13.70 0.01	118.01 12.65 -0.78	115.76 9.39 -27.46	106.43 10.53 -16.72	99.66 10.28 -21.31	98.01 6.68 -45.90
NORTHPORT___3 23553	104.62 2.47 -76.64	101.62 2.15 -78.41	99.16 2.23 -75.25	98.57 2.19 -74.88	100.89 2.13 -77.71	105.53 3.26 -67.53	128.29 4.32 -67.17	133.76 4.25 -80.07	133.93 6.09 -63.82	140.42 5.09 -82.80	106.56 5.64 -47.68	104.10 4.76 -53.96	101.20 4.52 -54.89	98.56 4.53 -53.21	97.52 4.65 -52.46	99.95 4.24 -56.49	108.65 6.21 -42.14	127.63 10.34 -13.88	130.29 12.17 0.01	116.21 10.88 -0.74	114.37 8.05 -27.40	103.99 8.23 -16.58	97.71 8.44 -21.20	96.55 5.31 -45.81
NORTHPORT___4 23650	104.62 2.47 -76.64	101.62 2.15 -78.41	99.16 2.23 -75.25	98.57 2.19 -74.88	100.89 2.13 -77.71	105.53 3.26 -67.53	128.29 4.32 -67.17	133.76 4.25 -80.07	133.93 6.09 -63.82	140.42 5.09 -82.80	106.56 5.64 -47.68	104.10 4.76 -53.96	101.20 4.52 -54.89	98.56 4.53 -53.21	97.52 4.65 -52.46	99.95 4.24 -56.49	108.65 6.21 -42.14	127.63 10.34 -13.88	130.29 12.17 0.01	116.21 10.88 -0.74	114.37 8.05 -27.40	103.99 8.23 -16.58	97.71 8.44 -21.20	96.55 5.31 -45.81
NORTHPORT___IC 23718	105.07 2.88 -76.68	102.35 2.82 -78.46	99.98 2.99 -75.31	99.39 2.95 -74.94	101.67 2.84 -77.76	105.98 3.68 -67.56	128.58 4.60 -67.18	134.02 4.50 -80.08	134.26 6.40 -63.83	140.64 5.30 -82.81	107.29 6.28 -47.77	105.02 5.58 -54.07	102.66 5.85 -55.01	100.08 5.92 -53.34	99.04 6.02 -52.60	101.41 5.57 -56.62	109.63 7.11 -42.23	129.18 11.89 -13.89	131.82 13.70 0.01	118.01 12.65 -0.78	115.76 9.39 -27.46	106.43 10.53 -16.72	99.66 10.28 -21.31	98.01 6.68 -45.90
NPX_GEN_1385_PROXY 323591	105.07 2.88 -76.68	102.35 2.82 -78.46	99.98 2.99 -75.31	99.39 2.95 -74.94	101.67 2.84 -77.76	105.98 3.68 -67.56	128.58 4.60 -67.18	134.02 4.50 -80.08	134.26 6.40 -63.83	140.64 5.30 -82.81	107.29 6.28 -47.77	105.02 5.58 -54.07	102.66 5.85 -55.01	100.08 5.92 -53.34	99.04 6.02 -52.60	101.41 5.57 -56.62	109.63 7.11 -42.23	129.18 11.89 -13.89	131.82 13.70 0.01	118.01 12.65 -0.78	115.76 9.39 -27.46	106.43 10.53 -16.72	99.66 10.28 -21.31	98.01 6.68 -45.90
NPX_GEN_CSC 323557	105.58 3.37 -76.70	102.70 3.14 -78.50	100.31 3.27 -75.36	99.70 3.20 -74.99	102.00 3.14 -77.80	106.69 4.38 -67.58	129.84 5.85 -67.18	135.15 5.63 -80.08	135.73 7.87 -63.83	141.80 6.46 -82.81	108.69 7.61 -47.84	106.23 6.71 -54.15	103.59 6.69 -55.10	100.80 6.53 -53.44	99.71 6.59 -52.71	102.18 6.24 -56.72	111.32 8.74 -42.29	132.39 15.10 -13.89	135.61 17.48 0.00	121.28 15.89 -0.80	118.24 11.83 -27.49	108.43 12.43 -16.83	101.09 11.64 -21.38	98.75 7.36 -45.97
NSINS_S_GLNS_FALLS 23858	131.91 2.25 -104.16	129.28 1.83 -106.38	123.22 1.86 -99.68	121.70 1.85 -98.35	128.33 1.87 -105.39	129.74 3.19 -91.81	154.00 5.68 -91.51	163.57 5.05 -109.08	157.37 6.46 -86.88	170.40 5.15 -112.72	122.93 5.54 -64.15	122.66 4.72 -72.57	119.75 4.31 -73.65	116.41 4.33 -71.26	114.53 4.24 -69.87	119.24 4.20 -75.82	123.72 6.69 -56.74	134.94 12.61 -18.92	132.54 14.41 0.00	117.61 12.23 -0.79	124.74 8.91 -36.91	109.03 8.55 -21.30	103.05 7.01 -27.96	78.62 4.36 -28.84
NUCOR_STEEL___DRP 24197	34.72 -0.28 -9.49	30.57 -0.19 -9.69	30.56 -0.20 -9.08	30.27 -0.19 -8.96	30.48 -0.19 -9.60	42.86 -0.24 -8.37	64.92 -0.23 -8.34	59.08 -0.29 -9.94	71.74 -0.51 -8.23	62.68 -0.53 -10.68	58.73 -0.58 -6.08	51.79 -0.45 -6.88	48.31 -0.46 -6.98	46.88 -0.45 -6.51	46.31 -0.48 -6.38	45.75 -0.39 -6.92	64.87 -0.60 -5.18	104.20 -0.93 -1.73	117.43 -0.70 0.00	103.61 -1.05 -0.07	81.49 -0.79 -3.37	80.17 -0.95 -1.94	69.67 -0.95 -2.55	47.52 -0.54 -2.63
NYISO_LBMP_REFERENCE 24008	25.51 0.00 0.00	21.07 0.00 0.00	21.67 0.00 0.00	21.50 0.00 0.00	21.06 0.00 0.00	34.73 0.00 0.00	56.81 0.00 0.00	49.44 0.00 0.00	64.03 0.00 0.00	52.53 0.00 0.00	53.24 0.00 0.00	45.37 0.00 0.00	41.80 0.00 0.00	40.82 0.00 0.00	40.41 0.00 0.00	39.23 0.00 0.00	60.29 0.00 0.00	103.41 0.00 0.00	118.13 0.00 0.00	104.59 0.00 0.00	78.91 0.00 0.00	79.17 0.00 0.00	68.07 0.00 0.00	45.43 0.00 0.00
NYPA_BRENTWD___GT 24164	105.51 3.24 -76.76	102.70 3.03 -78.60	100.35 3.19 -75.49	99.75 3.12 -75.13	102.01 3.03 -77.91	106.57 4.20 -67.63	129.56 5.57 -67.18	134.91 5.39 -80.08	135.47 7.62 -63.83	141.59 6.25 -82.81	108.50 7.24 -48.02	106.09 6.35 -54.37	103.55 6.39 -55.36	100.88 6.33 -53.73	99.85 6.43 -53.01	102.25 6.04 -56.98	111.01 8.26 -42.45	130.53 13.24 -13.89	133.48 15.35 0.00	119.36 13.91 -0.85	117.16 10.65 -27.59	108.00 11.72 -17.11	100.77 11.10 -21.60	98.66 7.08 -46.15
NYPA_GOWANUS___GT5 24156	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NYPA_GOWANUS___GT6 24157	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19
NYPA_HARLEM__RVR__GT1 24160	104.80 2.83 -76.46	101.50 2.34 -78.09	97.27 2.43 -73.17	96.11 2.41 -72.20	100.74 2.32 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	134.69 5.19 -80.07	135.07 7.23 -63.81	141.30 5.99 -82.79	106.68 6.33 -47.11	103.93 5.26 -53.30	100.78 4.89 -54.09	97.86 4.73 -52.30	96.56 4.85 -51.29	99.38 4.51 -55.64	108.81 6.87 -41.65	129.39 12.09 -13.90	131.95 13.81 -0.01	117.09 11.92 -0.58	114.84 8.84 -27.09	103.75 8.94 -15.63	96.49 7.89 -20.53	72.14 5.54 -21.17



NYPA_HARLEM__RVR__GT2 24161	104.80	101.50	97.27	96.11	100.74	105.95	130.00	134.69	135.07	141.30	106.68	103.93	100.78	97.86	96.56	99.38	108.81	129.39	131.95	117.09	114.84	103.75	96.49	72.14
	2.83	2.34	2.43	2.41	2.32	3.82	6.02	5.19	7.23	5.99	6.33	5.26	4.89	4.73	4.85	4.51	6.87	12.09	13.81	11.92	8.84	8.94	7.89	5.54
	-76.46	-78.09	-73.17	-72.20	-77.36	-67.40	-67.17	-80.07	-63.81	-82.79	-47.11	-53.30	-54.09	-52.30	-51.29	-55.64	-41.65	-13.90	-0.01	-0.58	-27.09	-15.63	-20.53	-21.17
NYPA_KENT____GT 24152	104.80	101.52	97.27	96.11	100.74	105.88	129.89	134.99	135.46	141.65	143.57	144.84	144.66	144.55	133.13	144.61	145.25	143.48	143.70	154.12	145.74	133.65	96.65	72.01
	2.83	2.36	2.43	2.41	2.32	3.75	5.91	5.49	7.62	6.30	6.60	5.53	5.10	4.98	5.01	4.74	7.23	12.72	14.41	12.44	9.23	9.18	8.03	5.40
	-76.46	-78.09	-73.17	-72.20	-77.37	-67.40	-67.18	-80.07	-63.82	-82.82	-83.73	-93.94	-97.76	-98.74	-87.71	-100.64	-77.73	-27.36	-11.16	-37.09	-57.59	-45.29	-20.55	-21.18
NYPA_POUCH1____GT 24155	104.80	101.52	97.23	96.06	100.74	105.88	129.84	134.94	135.34	141.57	171.80	182.82	185.48	187.97	167.17	186.67	178.99	156.00	154.16	188.33	174.32	161.35	96.53	71.97
	2.83	2.36	2.38	2.37	2.32	3.75	5.85	5.44	7.49	6.20	6.49	5.44	5.01	4.90	4.93	4.67	7.17	12.61	14.41	12.44	9.23	9.10	7.89	5.36
	-76.46	-78.09	-73.17	-72.20	-77.36	-67.40	-67.17	-80.07	-63.82	-82.84	-112.07	-132.01	-138.67	-142.25	-121.83	-142.78	-111.53	-39.98	-21.62	-71.31	-86.18	-73.08	-20.57	-21.19
NYPA_VERNON____GT2 24162	104.73	101.48	97.23	96.07	100.70	105.78	129.72	134.85	135.33	141.53	126.80	118.08	115.91	113.94	109.15	115.00	121.39	134.33	136.03	129.84	125.48	114.02	96.50	71.91
	2.76	2.32	2.38	2.37	2.28	3.65	5.74	5.34	7.49	6.20	6.49	5.44	5.01	4.86	4.93	4.67	7.05	12.40	14.05	12.13	8.99	9.02	7.89	5.31
	-76.46	-78.09	-73.17	-72.20	-77.37	-67.40	-67.18	-80.07	-63.82	-82.80	-67.07	-67.27	-69.10	-68.26	-63.81	-71.11	-54.04	-18.52	-3.84	-13.12	-37.57	-25.82	-20.53	-21.17
NYPA_VERNON____GT3 24163	104.73	101.48	97.23	96.07	100.70	105.78	129.72	134.85	135.33	141.53	126.80	118.08	115.91	113.94	109.15	115.00	121.39	134.33	136.03	129.84	125.48	114.02	96.50	71.91
	2.76	2.32	2.38	2.37	2.28	3.65	5.74	5.34	7.49	6.20	6.49	5.44	5.01	4.86	4.93	4.67	7.05	12.40	14.05	12.13	8.99	9.02	7.89	5.31
	-76.46	-78.09	-73.17	-72.20	-77.37	-67.40	-67.18	-80.07	-63.82	-82.80	-67.07	-67.27	-69.10	-68.26	-63.81	-71.11	-54.04	-18.52	-3.84	-13.12	-37.57	-25.82	-20.53	-21.17
NYPA__ASTORIA_CC1 323568	104.72	101.45	97.23	96.06	100.70	105.78	129.72	134.85	135.27	141.47	115.79	104.07	100.87	97.99	96.60	99.50	108.93	129.60	132.07	117.19	114.92	103.75	96.42	71.90
	2.76	2.30	2.38	2.37	2.28	3.65	5.74	5.34	7.42	6.14	6.44	5.40	4.97	4.86	4.89	4.63	6.99	12.30	13.93	12.02	8.91	8.94	7.82	5.31
	-76.46	-78.09	-73.17	-72.20	-77.36	-67.40	-67.17	-80.07	-63.82	-82.79	-56.11	-53.31	-54.10	-52.31	-51.29	-55.65	-41.65	-13.90	-0.01	-0.58	-27.09	-15.63	-20.53	-21.17
NYPA__ASTORIA_CC2 323569	104.72	101.45	97.23	96.06	100.70	105.78	129.72	134.85	135.27	141.47	115.79	104.07	100.87	97.99	96.60	99.50	108.93	129.60	132.07	117.19	114.92	103.75	96.42	71.90
	2.76	2.30	2.38	2.37	2.28	3.65	5.74	5.34	7.42	6.14	6.44	5.40	4.97	4.86	4.89	4.63	6.99	12.30	13.93	12.02	8.91	8.94	7.82	5.31
	-76.46	-78.09	-73.17	-72.20	-77.36	-67.40	-67.17	-80.07	-63.82	-82.79	-56.11	-53.31	-54.10	-52.31	-51.29	-55.65	-41.65	-13.90	-0.01	-0.58	-27.09	-15.63	-20.53	-21.17
NYPA__HOLTSVILL 23794	105.32	102.49	100.09	99.47	101.79	106.34	129.15	134.51	134.96	141.22	108.10	105.73	103.12	100.34	99.25	101.70	110.59	130.84	133.84	119.71	117.05	107.39	100.27	98.29
	3.11	2.93	3.06	2.99	2.93	4.03	5.17	4.99	7.11	5.88	7.03	6.22	6.23	6.08	6.14	5.77	8.02	13.54	15.71	14.33	10.65	11.40	10.82	6.90
	-76.70	-78.49	-75.35	-74.98	-77.80	-67.58	-67.18	-80.08	-63.83	-82.81	-47.83	-54.14	-55.09	-53.43	-52.69	-56.70	-42.28	-13.89	0.01	-0.79	-27.49	-16.81	-21.37	-45.96
NYPA____HELLGATE_GT1 24158	104.80	101.50	97.27	96.11	100.74	105.95	130.00	134.69	135.07	141.30	106.68	103.93	100.78	97.86	96.56	99.38	108.81	129.39	131.95	117.09	114.84	103.75	96.49	72.14
	2.83	2.34	2.43	2.41	2.32	3.82	6.02	5.19	7.23	5.99	6.33	5.26	4.89	4.73	4.85	4.51	6.87	12.09	13.81	11.92	8.84	8.94	7.89	5.54
	-76.46	-78.09	-73.17	-72.20	-77.36	-67.40	-67.17	-80.07	-63.81	-82.79	-47.11	-53.30	-54.09	-52.30	-51.29	-55.64	-41.65	-13.90	-0.01	-0.58	-27.09	-15.63	-20.53	-21.17
NYPA____HELLGATE_GT2 24159	104.80	101.50	97.27	96.11	100.74	105.95	130.00	134.69	135.07	141.30	106.68	103.93	100.78	97.86	96.56	99.38	108.81	129.39	131.95	117.09	114.84	103.75	96.49	72.14
	2.83	2.34	2.43	2.41	2.32	3.82	6.02	5.19	7.23	5.99	6.33	5.26	4.89	4.73	4.85	4.51	6.87	12.09	13.81	11.92	8.84	8.94	7.89	5.54
	-76.46	-78.09	-73.17	-72.20	-77.36	-67.40	-67.17	-80.07	-63.81	-82.79	-47.11	-53.30	-54.09	-52.30	-51.29	-55.64	-41.65	-13.90	-0.01	-0.58	-27.09	-15.63	-20.53	-21.17
NYS_BARGE__HYD 23848	36.21	32.33	32.22	31.96	32.34	43.85	64.01	58.71	69.59	61.29	56.29	50.41	47.36	45.94	45.36	45.21	62.25	97.81	109.04	95.79	76.10	74.56	65.21	45.40
	-1.17	-0.86	-0.82	-0.75	-0.74	-1.36	-3.24	-3.17	-4.54	-4.36	-4.42	-3.40	-3.01	-3.02	-3.03	-2.67	-4.52	-7.76	-9.09	-8.89	-7.02	-7.05	-6.06	-3.31
	-11.88	-12.13	-11.37	-11.21	-12.02	-10.47	-10.43	-12.44	-10.11	-13.12	-7.47	-8.45	-8.57	-8.13	-7.97	-8.65	-6.48	-2.16	0.00	-0.09	-4.21	-2.43	-3.19	-3.29
O.H_GEN_BRUCE 24063	37.54	33.68	33.47	33.20	33.65	44.96	65.22	60.26	71.00	62.99	57.40	51.56	48.50	47.03	46.44	46.28	63.23	98.47	109.32	96.53	77.14	75.39	66.05	45.96
	-1.22	-0.93	-0.89	-0.82	-0.82	-1.46	-3.24	-3.07	-4.29	-4.15	-4.15	-3.22	-2.84	-2.86	-2.87	-2.59	-4.28	-7.34	-8.51	-8.16	-6.47	-6.49	-5.58	-3.13
	-13.26	-13.54	-12.69	-12.52	-13.41	-11.68	-11.65	-13.88	-11.26	-14.61	-8.31	-9.41	-9.55	-9.07	-8.89	-9.65	-7.22	-2.41	0.30	-0.10	-4.70	-2.71	-3.56	-3.67
OAK_ORCHARD__HYD 24046	34.32	30.27	30.29	30.07	30.26	42.37	63.76	58.13	70.17	61.07	57.16	50.57	47.22	45.88	45.28	44.83	63.38	101.83	114.35	100.58	78.98	77.80	67.57	46.25
	-0.71	-0.53	-0.50	-0.43	-0.44	-0.76	-1.42	-1.29	-1.99	-2.00	-2.08	-1.59	-1.46	-1.47	-1.54	-1.33	-2.11	-3.31	-3.78	-4.08	-3.31	-3.32	-3.06	-1.82
	-9.53	-9.73	-9.12	-9.00	-9.64	-8.40	-8.37	-9.98	-8.12	-10.54	-6.00	-6.79	-6.89	-6.52	-6.40	-6.94	-5.20	-1.73	0.00	-0.07	-3.38	-1.95	-2.56	-2.64
OCC_CHEM__DRP 24175	36.30	32.45	32.32	32.06	32.46	43.78	63.70	58.42	69.09	60.97	55.85	50.08	47.11	45.69	45.11	44.99	61.71	96.72	107.73	94.74	75.40	73.81	64.73	45.11
	-1.33	-0.99	-0.95	-0.88	-0.86	-1.63	-3.75	-3.71	-5.25	-4.94	-5.01	-3.90	-3.43	-3.43	-3.44	-3.06	-5.19	-8.89	-10.40	-9.94	-7.81	-7.84	-6.60	-3.68
	-12.12	-12.38	-11.60	-11.44	-12.26	-10.68	-10.65	-12.69	-10.31	-13.38	-7.61	-8.61	-8.74	-8.30	-8.13	-8.83	-6.61	-2.20	0.00	-0.09	-4.30	-2.48	-3.26	-3.36
OLIN_CORP_DRP 24177	36.44	32.57	32.42	32.19	32.57	43.91	63.80	58.48	69.12	61.04	55.86	50.11	47.15	45.73	45.15	45.03	61.71	96.63	107.73	94.64	75.44	73.76	64.62	45.09
	-1.30	-0.99	-0.95	-0.86	-0.86	-1.60	-3.75	-3.76	-5.31	-4.99	-5.06	-3.95	-3.47	-3.47	-3.48	-3.10	-5.25	-9.00	-10.40	-10.04	-7.81	-7.92	-6.74	-3.72
	-12.23	-12.49	-11.70	-11.55	-12.37	-10.78	-10.74	-12.81	-10.41	-13.50	-7.68	-8.69	-8.82	-8.37	-8.21	-8.91	-6.67	-2.22	0.00	-0.09	-4.34	-2.50	-3.29	-3.39



OLIN_CORP_DSASP 323712	36.30 -1.33 -12.12	32.45 -0.99 -12.38	32.32 -0.95 -11.60	32.06 -0.88 -11.44	32.46 -0.86 -12.26	43.78 -1.63 -10.68	63.70 -3.75 -10.65	58.42 -3.71 -12.69	69.09 -5.25 -10.31	60.97 -4.94 -13.38	55.85 -5.01 -7.61	50.08 -3.90 -8.61	47.11 -3.43 -8.74	45.69 -3.43 -8.30	45.11 -3.44 -8.13	44.99 -3.06 -8.83	61.71 -5.19 -6.61	96.72 -8.89 -2.20	107.73 -10.40 0.00	94.74 -9.94 -0.09	75.40 -7.81 -4.30	73.81 -7.84 -2.48	64.73 -6.60 -3.26	45.11 -3.68 -3.36
ONEIDA_HERK_LFGE 323681	25.99 0.48 0.00	21.42 0.36 0.00	22.04 0.37 0.00	21.87 0.37 0.00	21.46 0.40 0.00	35.57 0.83 0.00	58.74 1.93 0.00	51.12 1.68 0.00	66.14 2.11 0.00	54.26 1.73 0.00	54.94 1.70 0.00	46.50 1.13 0.00	42.76 0.96 0.00	41.76 0.94 0.00	41.30 0.89 0.00	40.05 0.83 0.00	61.86 1.56 0.00	106.81 3.41 0.00	122.02 3.89 0.00	107.09 2.51 0.00	80.89 1.97 0.00	81.15 1.98 0.00	69.70 1.63 0.00	46.42 1.00 0.00
ONONDAGA_REF_OCCRA 23987	35.48 0.31 -9.67	31.19 0.25 -9.87	31.19 0.26 -9.25	30.89 0.26 -9.13	31.12 0.27 -9.78	43.81 0.55 -8.52	66.50 1.19 -8.49	60.60 1.04 -10.12	74.25 1.15 -9.06	65.13 0.84 -11.76	60.78 0.85 -6.69	53.71 0.77 -7.57	50.11 0.63 -7.68	48.07 0.61 -6.63	47.48 0.57 -6.50	46.91 0.63 -7.06	66.60 1.02 -5.28	107.13 1.96 -1.76	120.73 2.60 0.00	106.55 1.88 -0.07	83.85 1.50 -3.44	82.42 1.26 -1.98	71.56 0.88 -2.60	48.75 0.64 -2.68
ONONDAGA___COGEN 23986	33.47 -0.18 -8.13	29.23 -0.15 -8.31	29.31 -0.15 -7.78	29.03 -0.15 -7.68	29.17 -0.13 -8.23	41.76 -0.14 -7.17	63.90 -0.06 -7.15	57.76 -0.20 -8.52	70.76 -0.38 -7.11	61.39 -0.37 -9.23	58.01 -0.48 -5.25	50.99 -0.32 -5.94	47.45 -0.38 -6.03	46.03 -0.37 -5.58	45.52 -0.36 -5.47	44.84 -0.32 -5.93	64.31 -0.42 -4.44	104.17 -0.72 -1.48	117.54 -0.59 0.00	103.81 -0.84 -0.06	81.25 -0.55 -2.89	80.13 -0.71 -1.67	69.51 -0.75 -2.19	47.27 -0.41 -2.26
ONTARIO___LFGE 23819	36.32 -0.46 -11.27	32.22 -0.36 -11.51	32.11 -0.35 -10.79	31.82 -0.32 -10.64	32.17 -0.29 -11.40	44.29 -0.38 -9.94	66.20 -0.51 -9.90	60.80 -0.45 -11.80	72.92 -0.77 -9.66	64.12 -0.94 -12.53	59.36 -1.01 -7.13	52.71 -0.73 -8.07	49.23 -0.75 -8.19	47.81 -0.73 -7.72	47.22 -0.77 -7.57	46.81 -0.63 -8.21	65.47 -0.97 -6.15	103.91 -1.55 -2.05	116.83 -1.30 0.00	102.90 -1.78 -0.09	81.57 -1.34 -4.00	79.90 -1.58 -2.31	69.47 -1.63 -3.03	47.69 -0.86 -3.12
ORANGEVILLE_WT_PWR 323706	39.34 -0.59 -14.42	35.39 -0.40 -14.72	35.10 -0.37 -13.80	34.79 -0.32 -13.61	35.35 -0.29 -14.59	46.92 -0.52 -12.71	68.05 -1.42 -12.66	63.15 -1.38 -15.10	74.25 -2.05 -12.27	66.08 -2.36 -15.92	60.01 -2.29 -9.06	53.99 -1.63 -10.25	50.78 -1.42 -10.40	49.22 -1.47 -9.87	48.64 -1.45 -9.68	48.51 -1.22 -10.50	66.04 -2.11 -7.86	102.40 -3.62 -2.62	113.88 -4.25 0.00	100.31 -4.39 -0.11	80.48 -3.55 -5.11	78.56 -3.56 -2.95	68.82 -3.13 -3.87	47.83 -1.59 -3.99
OSWEGATCHIE___HYD 24044	24.90 -0.61 0.00	20.52 -0.55 0.00	21.09 -0.58 0.00	20.92 -0.58 0.00	20.51 -0.55 0.00	33.97 -0.76 0.00	56.07 -0.74 0.00	48.85 -0.59 0.00	62.75 -1.28 0.00	51.64 -0.89 0.00	52.33 -0.91 0.00	44.19 -1.18 0.00	40.75 -1.04 0.00	39.80 -1.02 0.00	39.41 -1.01 0.00	37.85 -1.37 0.00	58.54 -1.75 0.00	100.72 -2.69 0.00	114.95 -3.18 0.00	101.45 -3.13 0.00	76.70 -2.21 0.00	77.11 -2.06 0.00	66.51 -1.56 0.00	44.47 -0.96 0.00
OSWEGO___5 23606	30.44 -0.64 -5.57	26.23 -0.53 -5.69	26.48 -0.52 -5.33	26.24 -0.52 -5.26	26.19 -0.51 -5.64	38.85 -0.80 -4.91	60.45 -1.25 -4.89	53.99 -1.29 -5.83	66.97 -1.79 -4.74	57.21 -1.47 -6.15	55.14 -1.60 -3.50	48.01 -1.32 -3.96	44.60 -1.21 -4.02	43.46 -1.19 -3.82	42.98 -1.17 -3.74	42.19 -1.10 -4.06	61.58 -1.75 -3.04	101.42 -3.00 -1.01	114.82 -3.31 0.00	101.50 -3.13 -0.04	78.53 -2.37 -1.98	77.86 -2.45 -1.14	67.39 -2.18 -1.50	45.61 -1.36 -1.54
OSWEGO___6 23613	30.44 -0.64 -5.57	26.23 -0.53 -5.69	26.48 -0.52 -5.33	26.24 -0.52 -5.26	26.19 -0.51 -5.64	38.85 -0.80 -4.91	60.45 -1.25 -4.89	53.99 -1.29 -5.83	66.97 -1.79 -4.74	57.21 -1.47 -6.15	55.14 -1.60 -3.50	48.01 -1.32 -3.96	44.60 -1.21 -4.02	43.46 -1.19 -3.82	42.98 -1.17 -3.74	42.19 -1.10 -4.06	61.58 -1.75 -3.04	101.42 -3.00 -1.01	114.82 -3.31 0.00	101.50 -3.13 -0.04	78.53 -2.37 -1.98	77.86 -2.45 -1.14	67.39 -2.18 -1.50	45.61 -1.36 -1.54
OUTOKUMPU-AB___DRP 24206	37.04 -0.82 -12.35	33.11 -0.57 -12.61	32.97 -0.52 -11.82	32.71 -0.45 -11.66	33.11 -0.44 -12.49	44.78 -0.83 -10.88	65.44 -2.22 -10.85	60.10 -2.27 -12.93	71.28 -3.26 -10.51	62.80 -3.36 -13.64	57.65 -3.35 -7.76	51.65 -2.50 -8.78	48.53 -2.18 -8.91	47.08 -2.21 -8.46	46.48 -2.22 -8.29	46.30 -1.92 -9.00	63.53 -3.50 -6.73	99.65 -6.00 -2.25	111.05 -7.08 0.00	97.57 -7.12 -0.09	77.61 -5.68 -4.38	76.00 -5.70 -2.53	66.70 -4.70 -3.32	46.31 -2.54 -3.42
OXBOW___ 24026	36.75 -1.00 -12.23	32.82 -0.74 -12.49	32.68 -0.69 -11.70	32.45 -0.60 -11.55	32.83 -0.61 -12.38	44.37 -1.15 -10.78	64.71 -2.84 -10.75	59.43 -2.82 -12.81	70.41 -4.03 -10.41	62.09 -3.94 -13.50	56.93 -3.99 -7.69	51.03 -3.04 -8.69	47.99 -2.63 -8.82	46.50 -2.70 -8.38	45.92 -2.71 -8.21	45.78 -2.35 -8.91	62.80 -4.16 -6.67	98.60 -7.04 -2.22	109.75 -8.38 0.00	96.52 -8.16 -0.09	76.78 -6.47 -4.34	75.19 -6.49 -2.50	65.91 -5.45 -3.29	45.82 -3.00 -3.39
OXY_CHEM_DSASP 323612	36.30 -1.33 -12.12	32.45 -0.99 -12.38	32.32 -0.95 -11.60	32.06 -0.88 -11.44	32.46 -0.86 -12.26	43.78 -1.63 -10.68	63.70 -3.75 -10.65	58.42 -3.71 -12.69	69.09 -5.25 -10.31	60.97 -4.94 -13.38	55.85 -5.01 -7.61	50.08 -3.90 -8.61	47.11 -3.43 -8.74	45.69 -3.43 -8.30	45.11 -3.44 -8.13	44.99 -3.06 -8.83	61.71 -5.19 -6.61	96.72 -8.89 -2.20	107.73 -10.40 0.00	94.74 -9.94 -0.09	75.40 -7.81 -4.30	73.81 -7.84 -2.48	64.73 -6.60 -3.26	45.11 -3.68 -3.36
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.30 -1.33 -12.12	32.45 -0.99 -12.38	32.32 -0.95 -11.60	32.06 -0.88 -11.44	32.46 -0.86 -12.26	43.78 -1.63 -10.68	63.70 -3.75 -10.65	58.42 -3.71 -12.69	69.09 -5.25 -10.31	60.97 -4.94 -13.38	55.85 -5.01 -7.61	50.08 -3.90 -8.61	47.11 -3.43 -8.74	45.69 -3.43 -8.30	45.11 -3.44 -8.13	44.99 -3.06 -8.83	61.71 -5.19 -6.61	96.72 -8.89 -2.20	107.73 -10.40 0.00	94.74 -9.94 -0.09	75.40 -7.81 -4.30	73.81 -7.84 -2.48	64.73 -6.60 -3.26	45.11 -3.68 -3.36
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	104.70 2.73 -76.46	101.41 2.26 -78.09	97.21 2.36 -73.17	96.04 2.34 -72.20	100.66 2.23 -77.36	105.81 3.68 -67.40	129.78 5.80 -67.17	134.60 5.09 -80.07	135.01 7.17 -63.81	141.20 5.88 -82.79	106.58 6.23 -47.11	103.84 5.17 -53.30	100.69 4.80 -54.09	97.78 4.65 -52.30	96.52 4.81 -51.29	99.30 4.43 -55.64	108.69 6.75 -41.65	129.19 11.89 -13.90	131.60 13.46 -0.01	116.88 11.71 -0.58	114.69 8.68 -27.09	103.59 8.79 -15.63	96.36 7.76 -20.53	72.05 5.45 -21.17
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	104.77 2.81 -76.46	101.48 2.32 -78.09	97.27 2.43 -73.17	96.11 2.41 -72.20	100.72 2.30 -77.36	105.92 3.79 -67.40	129.95 5.96 -67.17	134.80 5.29 -80.07	135.20 7.36 -63.81	141.41 6.09 -82.79	106.79 6.44 -47.11	104.02 5.35 -53.30	100.86 4.97 -54.09	97.94 4.81 -52.30	96.68 4.97 -51.29	99.50 4.63 -55.64	108.99 7.05 -41.65	129.70 12.40 -13.90	132.19 14.05 -0.01	117.40 12.23 -0.58	115.08 9.07 -27.09	103.91 9.10 -15.63	96.63 8.03 -20.53	72.23 5.63 -21.17



PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.48 -0.41 -13.37	34.45 -0.27 -13.66	34.26 -0.22 -12.80	33.98 -0.15 -12.63	34.45 -0.15 -13.53	46.24 -0.28 -11.79	67.42 -1.14 -11.75	62.36 -1.09 -14.01	73.75 -1.67 -11.39	65.25 -2.05 -14.77	59.68 -1.97 -8.41	53.52 -1.36 -9.51	50.28 -1.17 -9.65	48.77 -1.22 -9.17	48.15 -1.25 -8.99	47.96 -1.02 -9.75	65.84 -1.75 -7.30	102.95 -2.89 -2.43	114.59 -3.54 0.00	100.82 -3.87 -0.10	80.42 -3.24 -4.75	78.59 -3.32 -2.74	68.68 -2.99 -3.60	47.68 -1.46 -3.71
PAWLING_115_KV_BK3_REV_LBMP_H 345028	106.73 2.55 -78.67	103.56 2.15 -80.35	99.17 2.21 -75.28	97.98 2.19 -74.28	102.77 2.11 -79.60	107.48 3.41 -69.34	131.21 5.28 -69.11	136.92 5.09 -82.39	136.80 7.11 -65.66	143.55 5.83 -85.19	107.89 6.17 -48.48	105.34 5.13 -54.85	102.10 4.64 -55.67	99.26 4.61 -53.82	97.75 4.57 -52.77	100.92 4.43 -57.26	109.89 6.75 -42.84	129.58 11.89 -14.29	131.59 13.46 0.00	116.89 11.71 -0.59	115.78 8.99 -27.87	104.36 9.10 -16.08	96.74 7.56 -21.12	72.06 4.86 -21.77
PEEKSKILL____ 23653	103.41 2.19 -75.70	100.24 1.85 -77.32	96.05 1.93 -72.45	94.90 1.91 -71.48	99.49 1.83 -76.60	104.38 2.92 -66.73	127.86 4.55 -66.51	133.12 4.40 -79.28	133.43 6.21 -63.19	139.61 5.09 -81.99	105.27 5.37 -46.66	102.65 4.49 -52.79	99.55 4.18 -53.57	96.70 4.08 -51.80	95.24 4.04 -50.79	98.22 3.88 -55.11	107.38 5.85 -41.24	127.40 10.24 -13.75	129.71 11.58 0.00	115.20 10.04 -0.57	113.24 7.50 -26.83	102.33 7.68 -15.48	95.14 6.74 -20.33	70.70 4.32 -20.96
PGE MADISON____WINDPWR 24146	51.06 1.56 -23.99	46.77 1.20 -24.50	45.80 1.17 -22.96	45.33 1.18 -22.65	46.56 1.22 -24.27	58.31 2.43 -21.15	83.28 5.40 -21.08	79.51 4.94 -25.12	90.89 6.34 -20.52	84.41 5.25 -26.62	73.55 5.16 -15.15	66.14 3.63 -17.14	62.24 3.05 -17.40	60.23 2.98 -16.42	59.43 2.91 -16.10	59.64 2.94 -17.47	78.80 5.43 -13.08	118.94 11.17 -4.36	130.78 12.65 0.00	113.77 9.00 -0.18	94.60 7.18 -8.51	91.29 7.20 -4.91	80.37 5.86 -6.45	56.02 3.95 -6.65
PIERCEFIELD____HYD 23852	24.44 -1.07 0.00	20.14 -0.93 0.00	20.68 -1.00 0.00	20.51 -0.99 0.00	20.09 -0.97 0.00	33.21 -1.53 0.00	54.53 -2.27 0.00	47.61 -1.83 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	50.90 -2.34 0.00	43.01 -2.36 0.00	39.79 -2.01 0.00	38.86 -1.96 0.00	38.48 -1.94 0.00	36.71 -2.51 0.00	56.73 -3.56 0.00	97.10 -6.31 0.00	110.69 -7.44 0.00	98.63 -5.96 0.00	74.50 -4.42 0.00	75.05 -4.12 0.00	65.08 -2.99 0.00	43.61 -1.82 0.00
PINELAWN_CC_1 323563	105.74 3.24 -76.99	102.87 2.84 -78.96	100.57 2.92 -75.97	99.99 2.86 -75.63	102.21 2.84 -78.31	106.81 4.27 -67.81	129.95 5.96 -67.18	135.20 5.68 -80.08	135.79 7.94 -63.83	141.90 6.57 -82.81	108.64 6.71 -48.69	106.19 5.67 -55.15	103.54 5.47 -56.27	101.02 5.43 -54.76	99.96 5.45 -54.09	102.36 5.18 -57.95	110.82 7.47 -43.05	129.91 12.61 -13.89	132.90 14.76 0.00	118.83 13.18 -1.07	116.65 9.78 -27.95	107.45 10.14 -18.14	99.90 9.46 -22.37	98.67 6.45 -46.80
PJM_GEN_HTP_PROXY 323702	104.52 2.58 -76.44	101.31 2.17 -78.07	97.08 2.25 -73.15	95.89 2.22 -72.18	100.53 2.13 -77.34	105.55 3.44 -67.38	129.30 5.34 -67.15	134.63 5.14 -80.05	135.00 7.17 -63.81	141.24 5.93 -82.78	106.47 6.12 -47.11	103.84 5.17 -53.30	100.65 4.76 -54.09	97.78 4.65 -52.30	96.34 4.65 -51.28	99.30 4.43 -55.64	108.62 6.69 -41.64	128.97 11.68 -13.88	131.36 13.23 0.00	116.67 11.50 -0.58	114.53 8.53 -27.09	103.44 8.63 -15.63	96.28 7.69 -20.52	71.59 5.00 -21.16
PJM_GEN_KEystone 24065	79.54 1.07 -52.96	76.09 0.93 -54.09	73.34 0.98 -50.68	72.50 0.99 -50.01	75.60 0.95 -53.59	82.91 1.49 -46.68	105.33 1.99 -46.53	106.88 1.98 -55.47	111.11 2.81 -44.27	112.07 2.10 -57.44	88.21 2.29 -32.69	84.34 1.99 -36.98	81.21 1.88 -37.53	78.83 1.79 -36.22	77.70 1.78 -35.51	79.52 1.77 -38.53	91.66 2.53 -28.84	117.47 4.44 -9.62	123.09 4.96 0.00	109.06 4.07 -0.40	100.67 3.00 -18.76	93.01 3.01 -10.83	85.01 2.73 -14.21	62.03 1.95 -14.66
PJM_GEN_NEPTUNE_PROXY 323594	105.01 3.01 -76.49	101.78 2.55 -78.17	99.18 2.58 -74.93	98.53 2.49 -74.53	101.03 2.53 -77.45	106.15 3.99 -67.42	129.44 5.45 -67.18	134.81 5.29 -80.08	135.28 7.42 -63.83	141.48 6.14 -82.81	107.13 6.65 -47.24	104.44 5.62 -53.44	101.34 5.27 -54.28	98.51 5.19 -52.51	97.31 5.17 -51.72	100.01 4.94 -55.84	109.39 7.35 -41.75	129.49 12.20 -13.89	132.41 14.29 0.01	117.85 12.65 -0.61	115.55 9.47 -27.17	104.72 9.66 -15.89	96.52 8.58 -19.88	96.29 5.49 -45.37
PJM_GEN_VFT_PROXY 323633	104.51 2.55 -76.45	101.30 2.15 -78.08	97.07 2.23 -73.16	95.88 2.19 -72.19	100.52 2.11 -77.35	105.49 3.37 -67.38	129.25 5.28 -67.16	134.55 5.05 -80.06	134.88 7.04 -63.81	141.20 5.88 -82.79	106.42 6.07 -47.12	103.75 5.08 -53.30	100.57 4.68 -54.10	97.70 4.57 -52.31	96.26 4.57 -51.28	99.23 4.35 -55.65	108.45 6.51 -41.64	128.67 11.37 -13.89	131.01 12.88 0.00	116.36 11.20 -0.58	114.36 8.36 -27.09	103.19 8.39 -15.63	96.22 7.62 -20.53	71.54 4.95 -21.17
PLEASANTVLY____LBMP 24000	106.96 2.22 -79.23	103.86 1.87 -80.92	99.45 1.95 -75.82	98.25 1.94 -74.81	103.08 1.85 -80.17	107.56 2.99 -69.84	131.02 4.60 -69.61	136.81 4.40 -82.98	136.31 6.15 -66.13	143.37 5.04 -85.80	107.34 5.27 -48.83	105.06 4.45 -55.24	102.00 4.14 -56.06	99.08 4.04 -54.21	97.57 4.00 -53.15	100.78 3.88 -57.67	109.24 5.79 -43.16	127.83 10.03 -14.39	129.47 11.34 0.00	115.13 9.94 -0.60	114.40 7.42 -28.07	102.98 7.60 -16.20	96.08 6.74 -21.27	71.68 4.32 -21.94
PLSNTVLE_13_KV_13KVDisA_REV_LBMP_I 345020	104.92 2.40 -77.01	101.74 2.02 -78.65	97.47 2.10 -73.70	96.30 2.08 -72.72	100.98 2.00 -77.92	105.81 3.19 -67.88	129.40 4.94 -67.66	134.83 4.75 -80.65	134.97 6.66 -64.28	141.44 5.51 -83.40	106.45 5.75 -47.46	103.92 4.86 -53.70	100.81 4.52 -54.49	97.88 4.37 -52.69	96.44 4.37 -51.66	99.48 4.20 -56.06	108.57 6.33 -41.95	128.35 10.96 -13.99	130.65 12.52 0.00	116.05 10.88 -0.58	114.33 8.13 -27.29	103.15 8.23 -15.75	96.03 7.29 -20.68	71.43 4.68 -21.32
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	109.52 2.40 -81.62	106.43 2.00 -83.36	101.84 2.06 -78.11	100.61 2.04 -77.07	105.62 1.98 -82.58	109.87 3.19 -71.94	133.57 5.05 -71.70	139.76 4.85 -85.48	138.87 6.72 -68.12	146.37 5.46 -88.38	109.24 5.70 -50.30	107.08 4.81 -56.90	103.97 4.43 -57.75	100.95 4.29 -55.84	99.41 4.24 -54.75	102.75 4.12 -59.41	111.01 6.27 -44.44	129.40 11.17 -14.82	130.78 12.65 0.00	116.08 10.88 -0.62	115.95 8.13 -28.91	104.09 8.23 -16.68	97.06 7.08 -21.90	72.51 4.50 -22.59
POLETTI____ 23519	104.56 2.60 -76.45	101.32 2.17 -78.08	97.09 2.25 -73.16	95.92 2.24 -72.19	100.56 2.15 -77.35	105.56 3.44 -67.38	129.37 5.40 -67.16	134.64 5.14 -80.06	135.01 7.17 -63.81	141.31 5.99 -82.79	106.48 6.12 -47.12	103.84 5.17 -53.30	100.66 4.76 -54.10	97.78 4.65 -52.31	96.34 4.65 -51.28	99.31 4.43 -55.65	108.63 6.69 -41.64	128.97 11.68 -13.89	131.36 13.23 0.00	116.57 11.40 -0.58	114.53 8.53 -27.09	103.36 8.55 -15.63	96.29 7.69 -20.53	71.59 5.00 -21.17
PORT_JEFF_3 23555	105.24 3.03 -76.70	102.45 2.89 -78.50	100.07 3.03 -75.36	99.48 2.99 -74.99	101.75 2.89 -77.80	106.21 3.89 -67.58	128.64 4.66 -67.18	134.06 4.55 -80.08	134.39 6.53 -63.83	140.75 5.41 -82.81	107.89 6.82 -47.84	105.74 6.22 -54.15	103.13 6.23 -55.10	100.19 5.92 -53.44	99.15 6.02 -52.71	101.59 5.65 -56.72	110.42 7.83 -42.29	130.53 13.24 -13.89	133.37 15.24 0.01	119.50 14.11 -0.80	116.90 10.50 -27.49	107.17 11.17 -16.83	100.42 10.96 -21.38	98.30 6.90 -45.97



PORT_JEFF_4 23616	105.24 3.03 -76.70	102.45 2.89 -78.50	100.07 3.03 -75.36	99.48 2.99 -74.99	101.75 2.89 -77.80	106.21 3.89 -67.58	128.64 4.66 -67.18	134.06 4.55 -80.08	134.39 6.53 -63.83	140.75 5.41 -82.81	107.89 6.82 -47.84	105.74 6.22 -54.15	103.13 6.23 -55.10	100.19 5.92 -53.44	99.15 6.02 -52.71	101.59 5.65 -56.72	110.42 7.83 -42.29	130.53 13.24 -13.89	133.37 15.24 0.01	119.50 14.11 -0.80	116.90 10.50 -27.49	107.17 11.17 -16.83	100.42 10.96 -21.38	98.30 6.90 -45.97
PORT_JEFF_IC 23713	105.33 3.11 -76.71	102.51 2.93 -78.51	100.14 3.08 -75.39	99.53 3.01 -75.02	101.81 2.93 -77.82	106.32 3.99 -67.59	128.87 4.89 -67.18	134.31 4.79 -80.08	134.71 6.85 -63.83	141.01 5.68 -82.81	108.14 7.03 -47.87	105.86 6.30 -54.19	103.30 6.35 -55.15	100.36 6.04 -53.50	99.32 6.14 -52.76	101.76 5.77 -56.76	110.69 8.08 -42.32	130.73 13.44 -13.89	133.72 15.59 0.01	120.04 14.64 -0.81	117.32 10.89 -27.51	107.53 11.48 -16.88	100.66 11.16 -21.42	98.47 7.04 -46.00
PPL PILGRIM_ST_GT1 24216	105.51 3.24 -76.76	102.70 3.03 -78.60	100.35 3.19 -75.49	99.75 3.12 -75.13	102.01 3.03 -77.91	106.57 4.20 -67.63	129.56 5.57 -67.18	134.91 5.39 -80.08	135.47 7.62 -63.83	141.59 6.25 -82.81	108.50 7.24 -48.02	106.09 6.35 -54.37	103.55 6.39 -55.36	100.88 6.33 -53.73	99.85 6.43 -53.01	102.25 6.04 -56.98	111.01 8.26 -42.45	130.53 13.24 -13.89	133.48 15.35 0.00	119.36 13.91 -0.85	117.16 10.65 -27.59	108.00 11.72 -17.11	100.77 11.10 -21.60	98.66 7.08 -46.15
PPL PILGRIM_ST_GT2 24217	105.51 3.24 -76.76	102.70 3.03 -78.60	100.35 3.19 -75.49	99.75 3.12 -75.13	102.01 3.03 -77.91	106.57 4.20 -67.63	129.56 5.57 -67.18	134.91 5.39 -80.08	135.47 7.62 -63.83	141.59 6.25 -82.81	108.50 7.24 -48.02	106.09 6.35 -54.37	103.55 6.39 -55.36	100.88 6.33 -53.73	99.85 6.43 -53.01	102.25 6.04 -56.98	111.01 8.26 -42.45	130.53 13.24 -13.89	133.48 15.35 0.00	119.36 13.91 -0.85	117.16 10.65 -27.59	108.00 11.72 -17.11	100.77 11.10 -21.60	98.66 7.08 -46.15
PPL_SHRM_GT3 24213	105.58 3.37 -76.70	102.71 3.14 -78.50	100.34 3.29 -75.37	99.73 3.22 -75.00	102.01 3.14 -77.81	106.73 4.41 -67.59	129.78 5.80 -67.18	135.10 5.58 -80.08	135.73 7.87 -63.83	141.74 6.41 -82.81	108.70 7.61 -47.85	106.25 6.71 -54.17	103.61 6.69 -55.12	100.78 6.49 -53.47	99.74 6.59 -52.73	102.20 6.24 -56.74	111.40 8.80 -42.30	132.50 15.21 -13.89	135.73 17.61 0.00	121.49 16.10 -0.80	118.33 11.92 -27.50	108.53 12.50 -16.85	101.18 11.71 -21.40	98.82 7.41 -45.98
PPL_SHRM_GT4 24214	105.58 3.37 -76.70	102.71 3.14 -78.50	100.34 3.29 -75.37	99.73 3.22 -75.00	102.01 3.14 -77.81	106.73 4.41 -67.59	129.78 5.80 -67.18	135.10 5.58 -80.08	135.73 7.87 -63.83	141.74 6.41 -82.81	108.70 7.61 -47.85	106.25 6.71 -54.17	103.61 6.69 -55.12	100.78 6.49 -53.47	99.74 6.59 -52.73	102.20 6.24 -56.74	111.40 8.80 -42.30	132.50 15.21 -13.89	135.73 17.61 0.00	121.49 16.10 -0.80	118.33 11.92 -27.50	108.53 12.50 -16.85	101.18 11.71 -21.40	98.82 7.41 -45.98
PROJECT___ORANGE 1 24174	31.40 -0.36 -6.24	27.15 -0.29 -6.38	27.37 -0.28 -5.97	27.12 -0.28 -5.89	27.10 -0.27 -6.32	39.85 -0.38 -5.50	61.78 -0.51 -5.48	55.43 -0.54 -6.54	68.31 -0.83 -5.11	58.43 -0.74 -6.63	56.22 -0.80 -3.77	49.00 -0.64 -4.27	45.50 -0.63 -4.33	44.47 -0.65 -4.30	43.98 -0.65 -4.22	43.21 -0.59 -4.58	62.81 -0.90 -3.42	103.00 -1.55 -1.14	116.48 -1.65 0.00	102.86 -1.78 -0.05	79.88 -1.27 -2.23	79.04 -1.42 -1.29	68.40 -1.36 -1.69	46.35 -0.82 -1.74
PROJECT___ORANGE 2 24166	31.40 -0.36 -6.24	27.15 -0.29 -6.38	27.37 -0.28 -5.97	27.12 -0.28 -5.89	27.10 -0.27 -6.32	39.85 -0.38 -5.50	61.78 -0.51 -5.48	55.43 -0.54 -6.54	68.31 -0.83 -5.11	58.43 -0.74 -6.63	56.22 -0.80 -3.77	49.00 -0.64 -4.27	45.50 -0.63 -4.33	44.47 -0.65 -4.30	43.98 -0.65 -4.22	43.21 -0.59 -4.58	62.81 -0.90 -3.42	103.00 -1.55 -1.14	116.48 -1.65 0.00	102.86 -1.78 -0.05	79.88 -1.27 -2.23	79.04 -1.42 -1.29	68.40 -1.36 -1.69	46.35 -0.82 -1.74
PYRITES___HYD 24023	24.64 -0.87 0.00	20.29 -0.78 0.00	20.83 -0.85 0.00	20.66 -0.84 0.00	20.26 -0.80 0.00	33.52 -1.22 0.00	55.22 -1.59 0.00	48.25 -1.19 0.00	61.79 -2.24 0.00	51.01 -1.53 0.00	51.75 -1.49 0.00	43.65 -1.72 0.00	40.25 -1.55 0.00	39.31 -1.51 0.00	38.92 -1.49 0.00	37.27 -1.96 0.00	57.70 -2.59 0.00	99.16 -4.24 0.00	112.94 -5.20 0.00	100.40 -4.19 0.00	75.76 -3.16 0.00	76.16 -3.01 0.00	65.76 -2.31 0.00	44.02 -1.41 0.00
RAMAPO___LBMP 323565	101.34 2.09 -73.74	98.15 1.77 -75.31	94.06 1.82 -70.57	92.93 1.81 -69.63	97.42 1.75 -74.61	102.51 2.78 -65.00	125.85 4.26 -64.78	130.81 4.15 -77.22	131.47 5.89 -61.55	137.22 4.83 -79.86	103.80 5.11 -45.45	101.10 4.31 -51.42	97.95 3.97 -52.18	95.16 3.88 -50.45	93.72 3.84 -49.47	96.63 3.73 -53.68	106.00 5.54 -40.17	126.52 9.72 -13.39	129.12 10.99 0.00	114.76 9.62 -0.56	112.22 7.18 -26.13	101.53 7.28 -15.08	94.27 6.40 -19.80	69.97 4.13 -20.42
RANKINE____ 23646	37.93 -0.64 -13.05	33.98 -0.42 -13.33	33.78 -0.39 -12.49	33.51 -0.32 -12.33	33.95 -0.32 -13.21	45.65 -0.59 -11.51	66.63 -1.65 -11.47	61.53 -1.58 -13.67	72.84 -2.30 -11.11	64.38 -2.57 -14.42	58.89 -2.55 -8.21	52.79 -1.86 -9.28	49.63 -1.59 -9.42	48.14 -1.63 -8.95	47.53 -1.66 -8.77	47.33 -1.41 -9.52	65.00 -2.41 -7.12	101.75 -4.03 -2.38	113.28 -4.85 0.00	99.67 -5.02 -0.10	79.44 -4.11 -4.63	77.65 -4.20 -2.67	67.91 -3.68 -3.51	47.09 -1.95 -3.62
RAVENSWOOD_GT2_1 24244	104.56 2.60 -76.45	101.34 2.19 -78.08	97.09 2.25 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.79	106.53 6.17 -47.12	103.85 5.17 -53.31	100.70 4.80 -54.10	97.78 4.65 -52.31	96.39 4.69 -51.29	99.35 4.47 -55.65	108.69 6.75 -41.65	129.08 11.78 -13.89	131.36 13.23 0.00	116.67 11.50 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD_GT2_2 24245	104.56 2.60 -76.45	101.34 2.19 -78.08	97.09 2.25 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.79	106.53 6.17 -47.12	103.85 5.17 -53.31	100.70 4.80 -54.10	97.78 4.65 -52.31	96.39 4.69 -51.29	99.35 4.47 -55.65	108.69 6.75 -41.65	129.08 11.78 -13.89	131.36 13.23 0.00	116.67 11.50 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD_GT2_3 24246	104.59 2.63 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.95 2.26 -72.19	100.59 2.17 -77.36	105.59 3.47 -67.39	129.43 5.45 -67.17	134.69 5.19 -80.07	135.14 7.30 -63.82	141.36 6.04 -82.79	106.59 6.23 -47.12	103.89 5.22 -53.31	100.74 4.85 -54.10	97.83 4.69 -52.31	96.43 4.73 -51.29	99.39 4.51 -55.65	108.75 6.81 -41.65	129.18 11.89 -13.89	131.48 13.34 0.00	116.77 11.61 -0.58	114.69 8.68 -27.09	103.52 8.71 -15.63	96.36 7.76 -20.53	71.68 5.09 -21.17
RAVENSWOOD_GT2_4 24247	104.59 2.63 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.95 2.26 -72.19	100.59 2.17 -77.36	105.59 3.47 -67.39	129.43 5.45 -67.17	134.69 5.19 -80.07	135.14 7.30 -63.82	141.36 6.04 -82.79	106.59 6.23 -47.12	103.89 5.22 -53.31	100.74 4.85 -54.10	97.83 4.69 -52.31	96.43 4.73 -51.29	99.39 4.51 -55.65	108.75 6.81 -41.65	129.18 11.89 -13.89	131.48 13.34 0.00	116.77 11.61 -0.58	114.69 8.68 -27.09	103.52 8.71 -15.63	96.36 7.76 -20.53	71.68 5.09 -21.17



RAVENSWOOD_GT3_1 24248	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.79	106.53 6.17 -47.12	103.85 5.17 -53.31	100.70 4.80 -54.10	97.83 4.69 -52.31	96.39 4.69 -51.29	99.35 4.47 -55.65	108.69 6.75 -41.65	129.08 11.78 -13.89	131.48 13.34 0.00	116.67 11.50 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD_GT3_2 24249	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.79	106.53 6.17 -47.12	103.85 5.17 -53.31	100.70 4.80 -54.10	97.83 4.69 -52.31	96.39 4.69 -51.29	99.35 4.47 -55.65	108.69 6.75 -41.65	129.08 11.78 -13.89	131.48 13.34 0.00	116.67 11.50 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD_GT3_3 24250	104.59 2.63 -76.45	101.36 2.21 -78.08	97.13 2.30 -73.16	95.95 2.26 -72.19	100.59 2.17 -77.36	105.63 3.51 -67.39	129.48 5.51 -67.17	134.74 5.24 -80.07	135.14 7.30 -63.82	141.42 6.09 -82.79	106.64 6.28 -47.12	103.94 5.26 -53.31	100.78 4.89 -54.10	97.87 4.73 -52.31	96.47 4.77 -51.29	99.43 4.55 -55.65	108.75 6.81 -41.65	129.28 11.99 -13.89	131.59 13.46 0.00	116.88 11.71 -0.58	114.76 8.76 -27.09	103.59 8.79 -15.63	96.42 7.82 -20.53	71.68 5.09 -21.17
RAVENSWOOD_GT3_4 24251	104.59 2.63 -76.45	101.36 2.21 -78.08	97.13 2.30 -73.16	95.95 2.26 -72.19	100.59 2.17 -77.36	105.63 3.51 -67.39	129.48 5.51 -67.17	134.74 5.24 -80.07	135.14 7.30 -63.82	141.42 6.09 -82.79	106.64 6.28 -47.12	103.94 5.26 -53.31	100.78 4.89 -54.10	97.87 4.73 -52.31	96.47 4.77 -51.29	99.43 4.55 -55.65	108.75 6.81 -41.65	129.28 11.99 -13.89	131.59 13.46 0.00	116.88 11.71 -0.58	114.76 8.76 -27.09	103.59 8.79 -15.63	96.42 7.82 -20.53	71.68 5.09 -21.17
RAVENSWOOD_GT_1 23729	104.73 2.76 -76.46	101.48 2.32 -78.09	97.23 2.38 -73.17	96.07 2.37 -72.20	100.70 2.28 -77.37	105.78 3.65 -67.40	129.72 5.74 -67.18	134.85 5.34 -80.07	135.33 7.49 -63.82	141.53 6.20 -82.80	126.80 6.49 -67.07	118.08 5.44 -67.27	115.91 5.01 -69.10	113.94 4.86 -68.26	109.15 4.93 -63.81	115.00 4.67 -71.11	121.39 7.05 -54.04	134.33 12.40 -18.52	136.03 14.05 -3.84	129.84 12.13 -13.12	125.48 8.99 -37.57	114.02 9.02 -25.82	96.50 7.89 -20.53	71.91 5.31 -21.17
RAVENSWOOD_GT_10 24258	104.56 2.60 -76.45	101.34 2.19 -78.08	97.09 2.25 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.80	106.75 6.17 -47.33	105.46 5.17 -54.92	102.43 4.80 -55.83	99.63 4.65 -54.15	97.83 4.69 -52.73	101.13 4.47 -57.44	110.12 6.75 -43.08	129.61 11.78 -14.42	131.80 13.23 -0.44	118.12 11.50 -2.03	115.82 8.60 -28.30	104.61 8.63 -16.81	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD_GT_11 24259	104.56 2.60 -76.45	101.34 2.19 -78.08	97.09 2.25 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.80	106.75 6.17 -47.33	105.46 5.17 -54.92	102.43 4.80 -55.83	99.63 4.65 -54.15	97.83 4.69 -52.73	101.13 4.47 -57.44	110.12 6.75 -43.08	129.61 11.78 -14.42	131.80 13.23 -0.44	118.12 11.50 -2.03	115.82 8.60 -28.30	104.61 8.63 -16.81	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD_GT_4 24252	104.53 2.58 -76.45	101.32 2.17 -78.08	97.07 2.23 -73.16	95.90 2.22 -72.18	100.54 2.13 -77.35	105.52 3.41 -67.38	129.31 5.34 -67.16	134.60 5.09 -80.07	135.02 7.17 -63.82	141.27 5.93 -82.80	107.89 6.12 -48.53	114.43 5.13 -63.94	112.08 4.76 -65.52	109.93 4.65 -64.46	105.87 4.65 -60.81	111.08 4.43 -67.42	118.07 6.69 -51.09	132.49 11.68 -17.40	134.16 13.11 -2.91	126.12 11.40 -10.13	122.51 8.53 -35.07	111.20 8.63 -23.39	96.29 7.69 -20.53	71.59 5.00 -21.17
RAVENSWOOD_GT_5 24254	104.53 2.58 -76.45	101.32 2.17 -78.08	97.07 2.23 -73.16	95.90 2.22 -72.18	100.54 2.13 -77.35	105.52 3.41 -67.38	129.31 5.34 -67.16	134.60 5.09 -80.07	135.02 7.17 -63.82	141.27 5.93 -82.80	107.89 6.12 -48.53	114.43 5.13 -63.94	112.08 4.76 -65.52	109.93 4.65 -64.46	105.87 4.65 -60.81	111.08 4.43 -67.42	118.07 6.69 -51.09	132.49 11.68 -17.40	134.16 13.11 -2.91	126.12 11.40 -10.13	122.51 8.53 -35.07	111.20 8.63 -23.39	96.29 7.69 -20.53	71.59 5.00 -21.17
RAVENSWOOD_GT_6 24253	104.53 2.58 -76.45	101.32 2.17 -78.08	97.07 2.23 -73.16	95.90 2.22 -72.18	100.54 2.13 -77.35	105.52 3.41 -67.38	129.31 5.34 -67.16	134.60 5.09 -80.07	135.02 7.17 -63.82	141.27 5.93 -82.80	107.89 6.12 -48.53	114.43 5.13 -63.94	112.08 4.76 -65.52	109.93 4.65 -64.46	105.87 4.65 -60.81	111.08 4.43 -67.42	118.07 6.69 -51.09	132.49 11.68 -17.40	134.16 13.11 -2.91	126.12 11.40 -10.13	122.51 8.53 -35.07	111.20 8.63 -23.39	96.29 7.69 -20.53	71.59 5.00 -21.17
RAVENSWOOD_GT_7 24255	104.53 2.58 -76.45	101.32 2.17 -78.08	97.07 2.23 -73.16	95.90 2.22 -72.18	100.54 2.13 -77.35	105.52 3.41 -67.38	129.31 5.34 -67.16	134.60 5.09 -80.07	135.02 7.17 -63.82	141.27 5.93 -82.80	107.89 6.12 -48.53	114.43 5.13 -63.94	112.08 4.76 -65.52	109.93 4.65 -64.46	105.87 4.65 -60.81	111.08 4.43 -67.42	118.07 6.69 -51.09	132.49 11.68 -17.40	134.16 13.11 -2.91	126.12 11.40 -10.13	122.51 8.53 -35.07	111.20 8.63 -23.39	96.29 7.69 -20.53	71.59 5.00 -21.17
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	104.56 2.60 -76.45	101.34 2.19 -78.08	97.09 2.25 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.80	106.75 6.17 -47.33	105.46 5.17 -54.92	102.43 4.80 -55.83	99.63 4.65 -54.15	97.83 4.69 -52.73	101.13 4.47 -57.44	110.12 6.75 -43.08	129.61 11.78 -14.42	131.80 13.23 -0.44	118.12 11.50 -2.03	115.82 8.60 -28.30	104.61 8.63 -16.81	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD_GT_9 24257	104.56 2.60 -76.45	101.34 2.19 -78.08	97.09 2.25 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.80	106.75 6.17 -47.33	105.46 5.17 -54.92	102.43 4.80 -55.83	99.63 4.65 -54.15	97.83 4.69 -52.73	101.13 4.47 -57.44	110.12 6.75 -43.08	129.61 11.78 -14.42	131.80 13.23 -0.44	118.12 11.50 -2.03	115.82 8.60 -28.30	104.61 8.63 -16.81	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD___1 23533	104.70 2.73 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.06 2.37 -72.20	100.70 2.28 -77.36	105.78 3.65 -67.40	129.72 5.74 -67.17	134.85 5.34 -80.07	135.33 7.49 -63.82	141.47 6.14 -82.79	115.81 6.44 -56.13	104.07 5.40 -53.31	100.91 5.01 -54.10	97.99 4.86 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.99 7.05 -41.65	129.60 12.30 -13.90	132.07 13.93 -0.01	117.19 12.02 -0.58	115.00 8.99 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.86 5.27 -21.17
RAVENSWOOD___2 23534	104.70 2.73 -76.46	101.45 2.30 -78.09	97.23 2.38 -73.17	96.04 2.34 -72.20	100.68 2.25 -77.36	105.78 3.65 -67.40	129.66 5.68 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.47 6.14 -82.79	115.76 6.44 -56.08	104.07 5.40 -53.31	100.87 4.97 -54.10	97.95 4.81 -52.31	96.60 4.89 -51.29	99.50 4.63 -55.65	108.93 6.99 -41.65	129.60 12.30 -13.89	132.07 13.93 -0.01	117.19 12.02 -0.58	114.92 8.91 -27.09	103.75 8.94 -15.63	96.42 7.82 -20.53	71.86 5.27 -21.17



RAVENSWOOD___3 23535	104.56 2.60 -76.45	101.34 2.19 -78.08	97.11 2.28 -73.16	95.93 2.24 -72.19	100.57 2.15 -77.36	105.56 3.44 -67.39	129.37 5.40 -67.17	134.65 5.14 -80.07	135.08 7.23 -63.82	141.31 5.99 -82.79	106.53 6.17 -47.12	103.85 5.17 -53.31	100.70 4.80 -54.10	97.83 4.69 -52.31	96.39 4.69 -51.29	99.35 4.47 -55.65	108.69 6.75 -41.65	129.08 11.78 -13.89	131.48 13.34 0.00	116.67 11.50 -0.58	114.61 8.60 -27.09	103.44 8.63 -15.63	96.29 7.69 -20.53	71.63 5.04 -21.17
RAVENSWOOD___4 23820	104.70 2.73 -76.46	101.45 2.30 -78.09	97.21 2.36 -73.17	96.04 2.34 -72.20	100.68 2.25 -77.36	105.74 3.61 -67.40	129.66 5.68 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.46 6.14 -82.79	104.98 6.44 -45.30	90.32 5.40 -39.56	86.09 4.97 -39.33	82.24 4.81 -36.60	84.27 4.89 -38.97	84.28 4.63 -40.43	96.72 6.99 -29.44	125.04 12.30 -9.34	128.18 13.81 3.77	104.83 12.02 11.78	104.60 8.91 -16.77	93.72 8.94 -5.60	96.42 7.82 -20.52	71.85 5.27 -21.16
RCPL_TRUST___DRP 24196	104.55 2.60 -76.44	101.33 2.19 -78.07	97.10 2.28 -73.15	95.93 2.26 -72.18	100.57 2.17 -77.34	105.58 3.47 -67.38	129.42 5.45 -67.15	134.68 5.19 -80.05	135.13 7.30 -63.81	141.35 6.04 -82.78	106.58 6.23 -47.11	103.88 5.22 -53.30	100.73 4.85 -54.09	97.86 4.73 -52.30	96.42 4.73 -51.28	99.38 4.51 -55.64	108.68 6.75 -41.64	129.07 11.78 -13.88	131.48 13.34 0.00	116.77 11.61 -0.58	114.60 8.60 -27.09	103.51 8.71 -15.63	96.35 7.76 -20.52	71.63 5.04 -21.16
RENSSELAER___COGEN 23796	126.09 1.56 -99.02	123.51 1.31 -101.14	117.78 1.34 -94.77	116.34 1.33 -93.50	122.56 1.31 -100.20	124.21 2.19 -87.29	147.39 3.58 -87.00	156.21 3.07 -103.71	150.80 4.16 -82.61	163.08 3.36 -107.18	117.70 3.46 -61.00	117.33 2.95 -69.01	114.55 2.72 -70.04	111.23 2.65 -67.75	109.43 2.59 -66.43	113.86 2.55 -72.08	118.21 3.98 -53.94	128.22 6.82 -17.99	126.05 7.92 0.00	112.13 6.79 -0.75	119.13 5.13 -35.09	104.49 5.07 -20.25	98.95 4.29 -26.59	75.52 2.68 -27.42
REVERE_CPPR_DRP 24186	27.96 0.61 -1.84	23.43 0.48 -1.88	23.93 0.50 -1.76	23.73 0.49 -1.73	23.45 0.53 -1.86	37.39 1.04 -1.62	60.75 2.33 -1.61	53.59 2.23 -1.92	66.98 2.95 0.00	54.90 2.37 0.00	55.58 2.34 0.00	47.05 1.68 0.00	43.22 1.42 0.00	43.70 1.35 -1.53	43.21 1.29 -1.50	42.11 1.25 -1.63	63.80 2.29 -1.22	108.47 4.66 -0.41	123.09 4.96 0.00	107.95 3.35 -0.02	82.31 2.60 -0.79	82.16 2.53 -0.46	70.65 1.98 -0.60	47.32 1.27 -0.62
RIVERBAY___ 323610	104.77 2.81 -76.46	101.48 2.32 -78.09	97.27 2.43 -73.17	96.11 2.41 -72.20	100.72 2.30 -77.36	105.92 3.79 -67.40	129.95 5.96 -67.17	134.80 5.29 -80.07	135.20 7.36 -63.81	141.41 6.09 -82.79	106.79 6.44 -47.11	104.02 5.35 -53.30	100.86 4.97 -54.09	97.94 4.81 -52.30	96.68 4.97 -51.29	99.50 4.63 -55.64	108.99 7.05 -41.65	129.70 12.40 -13.90	132.19 14.05 -0.01	117.40 12.23 -0.58	115.08 9.07 -27.09	103.91 9.10 -15.63	96.63 8.03 -20.53	72.23 5.63 -21.17
ROCHESTER_9_IC 23652	34.36 -0.64 -9.48	30.27 -0.48 -9.69	30.32 -0.43 -9.08	30.07 -0.39 -8.96	30.28 -0.38 -9.60	42.43 -0.66 -8.36	63.95 -1.20 -8.33	58.28 -1.09 -9.93	70.39 -1.73 -8.09	61.24 -1.79 -10.49	57.34 -1.86 -5.97	50.72 -1.41 -6.76	47.36 -1.30 -6.86	46.01 -1.31 -6.50	45.41 -1.37 -6.37	44.96 -1.18 -6.91	63.60 -1.87 -5.17	102.24 -2.89 -1.72	114.95 -3.18 0.00	101.00 -3.66 -0.07	79.28 -3.00 -3.36	78.11 -3.01 -1.94	67.83 -2.79 -2.55	46.42 -1.63 -2.63
ROSETON___1 23587	104.43 2.07 -76.85	101.31 1.75 -78.50	97.04 1.82 -73.55	95.88 1.81 -72.57	100.55 1.73 -77.77	105.22 2.74 -67.74	128.47 4.14 -67.52	133.88 3.96 -80.49	133.75 5.57 -64.15	140.39 4.62 -83.23	105.56 4.95 -47.37	103.13 4.17 -53.59	100.07 3.89 -54.39	97.21 3.80 -52.59	95.73 3.76 -51.56	98.82 3.65 -55.95	107.52 5.36 -41.87	126.57 9.20 -13.96	128.53 10.40 0.00	114.26 9.09 -0.58	113.01 6.86 -27.23	102.02 7.13 -15.72	95.10 6.40 -20.63	70.84 4.13 -21.28
ROSETON___2 23588	104.43 2.07 -76.85	101.31 1.75 -78.50	97.04 1.82 -73.55	95.88 1.81 -72.57	100.55 1.73 -77.77	105.22 2.74 -67.74	128.47 4.14 -67.52	133.88 3.96 -80.49	133.75 5.57 -64.15	140.39 4.62 -83.23	105.56 4.95 -47.37	103.13 4.17 -53.59	100.07 3.89 -54.39	97.21 3.80 -52.59	95.73 3.76 -51.56	98.82 3.65 -55.95	107.52 5.36 -41.87	126.57 9.20 -13.96	128.53 10.40 0.00	114.26 9.09 -0.58	113.01 6.86 -27.23	102.02 7.13 -15.72	95.10 6.40 -20.63	70.84 4.13 -21.28
RUSSELL___1 23602	34.51 -0.49 -9.49	30.40 -0.36 -9.69	30.43 -0.32 -9.08	30.20 -0.26 -8.96	30.41 -0.25 -9.60	42.68 -0.42 -8.36	64.41 -0.74 -8.34	58.68 -0.69 -9.94	70.97 -1.15 -8.09	61.72 -1.31 -10.50	57.78 -1.43 -5.97	51.13 -1.00 -6.76	47.70 -0.96 -6.86	46.34 -0.98 -6.50	45.74 -1.05 -6.37	45.28 -0.86 -6.91	64.08 -1.38 -5.18	103.27 -1.86 -1.73	116.12 -2.01 0.00	101.94 -2.72 -0.07	79.99 -2.29 -3.37	78.74 -2.37 -1.94	68.38 -2.24 -2.55	46.74 -1.32 -2.63
RUSSELL___2 23532	34.51 -0.49 -9.49	30.40 -0.36 -9.69	30.43 -0.32 -9.08	30.20 -0.26 -8.96	30.41 -0.25 -9.60	42.68 -0.42 -8.36	64.41 -0.74 -8.34	58.68 -0.69 -9.94	70.97 -1.15 -8.09	61.72 -1.31 -10.50	57.78 -1.43 -5.97	51.13 -1.00 -6.76	47.70 -0.96 -6.86	46.34 -0.98 -6.50	45.74 -1.05 -6.37	45.28 -0.86 -6.91	64.08 -1.38 -5.18	103.27 -1.86 -1.73	116.12 -2.01 0.00	101.94 -2.72 -0.07	79.99 -2.29 -3.37	78.74 -2.37 -1.94	68.38 -2.24 -2.55	46.74 -1.32 -2.63
RUSSELL___3 23549	34.51 -0.49 -9.49	30.40 -0.36 -9.69	30.43 -0.32 -9.08	30.20 -0.26 -8.96	30.41 -0.25 -9.60	42.68 -0.42 -8.36	64.41 -0.74 -8.34	58.68 -0.69 -9.94	70.97 -1.15 -8.09	61.72 -1.31 -10.50	57.78 -1.43 -5.97	51.13 -1.00 -6.76	47.70 -0.96 -6.86	46.34 -0.98 -6.50	45.74 -1.05 -6.37	45.28 -0.86 -6.91	64.08 -1.38 -5.18	103.27 -1.86 -1.73	116.12 -2.01 0.00	101.94 -2.72 -0.07	79.99 -2.29 -3.37	78.74 -2.37 -1.94	68.38 -2.24 -2.55	46.74 -1.32 -2.63
RUSSELL___4 23556	34.51 -0.49 -9.49	30.40 -0.36 -9.69	30.43 -0.32 -9.08	30.20 -0.26 -8.96	30.41 -0.25 -9.60	42.68 -0.42 -8.36	64.41 -0.74 -8.34	58.68 -0.69 -9.94	70.97 -1.15 -8.09	61.72 -1.31 -10.50	57.78 -1.43 -5.97	51.13 -1.00 -6.76	47.70 -0.96 -6.86	46.34 -0.98 -6.50	45.74 -1.05 -6.37	45.28 -0.86 -6.91	64.08 -1.38 -5.18	103.27 -1.86 -1.73	116.12 -2.01 0.00	101.94 -2.72 -0.07	79.99 -2.29 -3.37	78.74 -2.37 -1.94	68.38 -2.24 -2.55	46.74 -1.32 -2.63
RUSSELL___STATION 23914	34.51 -0.49 -9.49	30.40 -0.36 -9.69	30.43 -0.32 -9.08	30.20 -0.26 -8.96	30.41 -0.25 -9.60	42.68 -0.42 -8.36	64.41 -0.74 -8.34	58.68 -0.69 -9.94	70.97 -1.15 -8.09	61.72 -1.31 -10.50	57.78 -1.43 -5.97	51.13 -1.00 -6.76	47.70 -0.96 -6.86	46.34 -0.98 -6.50	45.74 -1.05 -6.37	45.28 -0.86 -6.91	64.08 -1.38 -5.18	103.27 -1.86 -1.73	116.12 -2.01 0.00	101.94 -2.72 -0.07	79.99 -2.29 -3.37	78.74 -2.37 -1.94	68.38 -2.24 -2.55	46.74 -1.32 -2.63
S SALMON___HYD 24043	30.30 -0.33 -5.12	26.00 -0.29 -5.23	26.27 -0.30 -4.90	26.04 -0.30 -4.84	25.97 -0.27 -5.18	38.90 -0.35 -4.51	60.97 -0.34 -4.50	54.46 -0.34 -5.36	67.44 -0.83 -4.25	57.36 -0.68 -5.51	55.58 -0.80 -3.14	48.19 -0.73 -3.55	44.73 -0.67 -3.60	43.65 -0.65 -3.49	43.14 -0.69 -3.42	42.27 -0.67 -3.71	62.10 -0.97 -2.78	102.88 -1.45 -0.93	116.59 -1.54 0.00	102.54 -2.09 -0.04	79.45 -1.27 -1.81	78.87 -1.35 -1.04	68.35 -1.09 -1.37	46.11 -0.73 -1.41



SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.09 -0.94 -12.52	33.16 -0.69 -12.79	33.01 -0.65 -11.98	32.74 -0.58 -11.82	33.16 -0.57 -12.67	44.69 -1.08 -11.04	65.25 -2.56 -11.00	60.08 -2.47 -13.11	71.16 -3.52 -10.65	62.77 -3.57 -13.82	57.54 -3.57 -7.86	51.59 -2.68 -8.90	48.49 -2.34 -9.03	47.03 -2.37 -8.57	46.43 -2.38 -8.40	46.23 -2.12 -9.12	63.56 -3.56 -6.83	99.68 -6.00 -2.28	111.05 -7.08 0.00	97.68 -7.01 -0.09	77.75 -5.60 -4.44	76.12 -5.62 -2.56	66.53 -4.90 -3.36	46.17 -2.72 -3.47
SELKIRK___I 23801	125.10 1.45 -98.14	122.50 1.20 -100.24	116.83 1.23 -93.92	115.40 1.22 -92.67	121.59 1.22 -99.30	123.25 2.01 -86.51	146.27 3.24 -86.22	155.04 2.82 -102.78	149.75 3.84 -81.88	161.86 3.10 -106.23	116.84 3.14 -60.46	116.49 2.72 -68.40	113.72 2.51 -69.41	110.42 2.45 -67.15	108.67 2.42 -65.84	113.02 2.35 -71.44	117.37 3.62 -53.46	127.44 6.20 -17.83	125.22 7.09 0.00	111.50 6.17 -0.74	118.34 4.65 -34.77	103.91 4.67 -20.07	98.43 4.02 -26.35	75.14 2.54 -27.17
SELKIRK___II 23799	125.19 1.45 -98.23	122.60 1.20 -100.33	116.92 1.23 -94.01	115.48 1.22 -92.76	121.66 1.20 -99.40	123.30 1.98 -86.59	146.35 3.24 -86.30	155.13 2.82 -102.88	149.83 3.84 -81.96	161.96 3.10 -106.33	116.89 3.14 -60.51	116.55 2.72 -68.46	113.78 2.51 -69.48	110.48 2.45 -67.21	108.70 2.38 -65.90	113.08 2.35 -71.51	117.42 3.62 -53.51	127.45 6.20 -17.84	125.22 7.09 0.00	111.50 6.17 -0.74	118.38 4.65 -34.81	103.93 4.67 -20.09	98.39 3.95 -26.37	75.12 2.50 -27.20
SENECA OSWGO___HYD 24041	31.05 -0.49 -6.02	26.82 -0.40 -6.15	27.03 -0.41 -5.77	26.78 -0.41 -5.69	26.76 -0.40 -6.10	39.45 -0.59 -5.31	61.25 -0.85 -5.29	54.86 -0.89 -6.31	67.84 -1.28 -5.10	58.04 -1.11 -6.61	55.78 -1.22 -3.76	48.67 -0.95 -4.26	45.20 -0.92 -4.32	44.02 -0.94 -4.13	43.54 -0.93 -4.05	42.79 -0.83 -4.39	62.25 -1.33 -3.29	102.23 -2.28 -1.10	115.77 -2.36 0.00	102.23 -2.40 -0.05	79.32 -1.74 -2.14	78.51 -1.90 -1.23	67.99 -1.70 -1.62	46.05 -1.04 -1.67
SENECA___ENERGY 23797	34.84 -0.71 -10.04	30.76 -0.57 -10.26	30.72 -0.56 -9.61	30.43 -0.56 -9.48	30.70 -0.53 -10.16	42.79 -0.80 -8.85	64.44 -1.20 -8.82	58.82 -1.14 -10.52	71.10 -1.60 -8.67	62.25 -1.53 -11.25	58.04 -1.60 -6.40	51.34 -1.27 -7.24	47.93 -1.21 -7.35	46.48 -1.22 -6.88	45.95 -1.21 -6.75	45.45 -1.10 -7.32	64.08 -1.69 -5.48	102.45 -2.79 -1.83	115.30 -2.84 0.00	101.63 -3.04 -0.08	80.19 -2.29 -3.57	78.78 -2.45 -2.06	68.46 -2.31 -2.70	46.85 -1.36 -2.79
SHOEMAKER___GT 23640	97.55 1.84 -70.20	94.30 1.54 -71.70	90.46 1.60 -67.18	89.38 1.59 -66.29	93.63 1.54 -71.03	99.08 2.47 -61.88	122.23 3.75 -61.68	126.62 3.66 -73.52	127.76 5.12 -58.61	132.72 4.15 -76.04	100.93 4.42 -43.28	98.05 3.72 -48.96	94.95 3.47 -49.69	92.21 3.35 -48.03	90.82 3.31 -47.09	93.55 3.22 -51.10	103.36 4.83 -38.25	124.64 8.48 -12.75	127.70 9.56 0.00	113.38 8.26 -0.53	110.03 6.23 -24.88	99.87 6.34 -14.36	92.51 5.58 -18.85	68.41 3.55 -19.44
SHOREHAM_IC_1 23715	105.58 3.37 -76.70	102.71 3.14 -78.50	100.34 3.29 -75.37	99.73 3.22 -75.00	102.01 3.14 -77.81	106.73 4.41 -67.59	129.78 5.80 -67.18	135.10 5.58 -80.08	135.73 7.87 -63.83	141.74 6.41 -82.81	108.70 7.61 -47.85	106.25 6.71 -54.17	103.61 6.69 -55.12	100.78 6.49 -53.47	99.74 6.59 -52.73	102.20 6.24 -56.74	111.40 8.80 -42.30	132.50 15.21 -13.89	135.73 17.61 0.00	121.49 16.10 -0.80	118.33 11.92 -27.50	108.53 12.50 -16.85	101.18 11.71 -21.40	98.82 7.41 -45.98
SHOREHAM_IC_2 23716	105.58 3.37 -76.70	102.71 3.14 -78.50	100.34 3.29 -75.37	99.73 3.22 -75.00	102.01 3.14 -77.81	106.73 4.41 -67.59	129.78 5.80 -67.18	135.10 5.58 -80.08	135.73 7.87 -63.83	141.74 6.41 -82.81	108.70 7.61 -47.85	106.25 6.71 -54.17	103.61 6.69 -55.12	100.78 6.49 -53.47	99.74 6.59 -52.73	102.20 6.24 -56.74	111.40 8.80 -42.30	132.50 15.21 -13.89	135.73 17.61 0.00	121.49 16.10 -0.80	118.33 11.92 -27.50	108.53 12.50 -16.85	101.18 11.71 -21.40	98.82 7.41 -45.98
SISSONVILLE____ 23735	24.44 -1.07 0.00	20.14 -0.93 0.00	20.68 -1.00 0.00	20.51 -0.99 0.00	20.09 -0.97 0.00	33.21 -1.53 0.00	54.53 -2.27 0.00	47.61 -1.83 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	50.90 -2.34 0.00	43.01 -2.36 0.00	39.79 -2.01 0.00	38.86 -1.96 0.00	38.48 -1.94 0.00	36.71 -2.51 0.00	56.73 -3.56 0.00	97.10 -6.31 0.00	110.69 -7.44 0.00	98.63 -5.96 0.00	74.50 -4.42 0.00	75.05 -4.12 0.00	65.08 -2.99 0.00	43.61 -1.82 0.00
SITHE_IND_GS1 24169	29.58 -0.82 -4.89	25.39 -0.67 -4.99	25.66 -0.69 -4.68	25.43 -0.69 -4.62	25.36 -0.65 -4.95	37.97 -1.08 -4.31	59.40 -1.70 -4.30	52.88 -1.68 -5.12	65.82 -2.37 -4.16	55.98 -1.94 -5.39	54.23 -2.08 -3.07	47.12 -1.72 -3.47	43.73 -1.59 -3.52	42.62 -1.55 -3.35	42.12 -1.58 -3.29	41.34 -1.45 -3.57	60.67 -2.29 -2.67	100.37 -3.93 -0.89	113.64 -4.49 0.00	100.44 -4.19 -0.04	77.49 -3.16 -1.74	77.01 -3.17 -1.00	66.59 -2.79 -1.32	45.01 -1.77 -1.36
SITHE_IND_GS2 24170	29.58 -0.82 -4.89	25.39 -0.67 -4.99	25.66 -0.69 -4.68	25.43 -0.69 -4.62	25.36 -0.65 -4.95	37.97 -1.08 -4.31	59.40 -1.70 -4.30	52.88 -1.68 -5.12	65.82 -2.37 -4.16	55.98 -1.94 -5.39	54.23 -2.08 -3.07	47.12 -1.72 -3.47	43.73 -1.59 -3.52	42.62 -1.55 -3.35	42.12 -1.58 -3.29	41.34 -1.45 -3.57	60.67 -2.29 -2.67	100.37 -3.93 -0.89	113.64 -4.49 0.00	100.44 -4.19 -0.04	77.49 -3.16 -1.74	77.01 -3.17 -1.00	66.59 -2.79 -1.32	45.01 -1.77 -1.36
SITHE_IND_GS3 24171	29.58 -0.82 -4.89	25.39 -0.67 -4.99	25.66 -0.69 -4.68	25.43 -0.69 -4.62	25.36 -0.65 -4.95	37.97 -1.08 -4.31	59.40 -1.70 -4.30	52.88 -1.68 -5.12	65.82 -2.37 -4.16	55.98 -1.94 -5.39	54.23 -2.08 -3.07	47.12 -1.72 -3.47	43.73 -1.59 -3.52	42.62 -1.55 -3.35	42.12 -1.58 -3.29	41.34 -1.45 -3.57	60.67 -2.29 -2.67	100.37 -3.93 -0.89	113.64 -4.49 0.00	100.44 -4.19 -0.04	77.49 -3.16 -1.74	77.01 -3.17 -1.00	66.59 -2.79 -1.32	45.01 -1.77 -1.36
SITHE_IND_GS4 24172	29.58 -0.82 -4.89	25.39 -0.67 -4.99	25.66 -0.69 -4.68	25.43 -0.69 -4.62	25.36 -0.65 -4.95	37.97 -1.08 -4.31	59.40 -1.70 -4.30	52.88 -1.68 -5.12	65.82 -2.37 -4.16	55.98 -1.94 -5.39	54.23 -2.08 -3.07	47.12 -1.72 -3.47	43.73 -1.59 -3.52	42.62 -1.55 -3.35	42.12 -1.58 -3.29	41.34 -1.45 -3.57	60.67 -2.29 -2.67	100.37 -3.93 -0.89	113.64 -4.49 0.00	100.44 -4.19 -0.04	77.49 -3.16 -1.74	77.01 -3.17 -1.00	66.59 -2.79 -1.32	45.01 -1.77 -1.36
SITHE___BATAVIA 24024	36.60 -0.64 -11.72	32.60 -0.44 -11.97	32.50 -0.39 -11.22	32.27 -0.30 -11.07	32.63 -0.29 -11.86	44.51 -0.56 -10.33	65.46 -1.65 -10.30	60.04 -1.68 -12.28	71.45 -2.56 -9.98	62.75 -2.73 -12.95	57.78 -2.82 -7.37	51.62 -2.09 -8.34	48.42 -1.84 -8.46	46.97 -1.88 -8.03	46.35 -1.94 -7.87	46.12 -1.65 -8.54	63.85 -2.83 -6.39	100.99 -4.55 -2.13	112.82 -5.31 0.00	98.93 -5.75 -0.09	78.34 -4.73 -4.16	76.74 -4.83 -2.40	67.00 -4.22 -3.15	46.45 -2.22 -3.25
SITHE___INDEPEND 23800	29.58 -0.82 -4.89	25.39 -0.67 -4.99	25.66 -0.69 -4.68	25.43 -0.69 -4.62	25.36 -0.65 -4.95	37.97 -1.08 -4.31	59.40 -1.70 -4.30	52.88 -1.68 -5.12	65.82 -2.37 -4.16	55.98 -1.94 -5.39	54.23 -2.08 -3.07	47.12 -1.72 -3.47	43.73 -1.59 -3.52	42.62 -1.55 -3.35	42.12 -1.58 -3.29	41.34 -1.45 -3.57	60.67 -2.29 -2.67	100.37 -3.93 -0.89	113.64 -4.49 0.00	100.44 -4.19 -0.04	77.49 -3.16 -1.74	77.01 -3.17 -1.00	66.59 -2.79 -1.32	45.01 -1.77 -1.36



SITHE___MASSENA 23902	24.46 -1.05 0.00	20.16 -0.91 0.00	20.72 -0.95 0.00	20.53 -0.97 0.00	20.14 -0.93 0.00	33.17 -1.56 0.00	54.20 -2.61 0.00	47.36 -2.07 0.00	60.96 -3.07 0.00	50.22 -2.31 0.00	50.95 -2.29 0.00	43.24 -2.13 0.00	39.83 -1.96 0.00	38.95 -1.88 0.00	38.56 -1.86 0.00	37.18 -2.04 0.00	57.34 -2.95 0.00	98.14 -5.27 0.00	111.98 -6.15 0.00	100.09 -4.49 0.00	75.44 -3.47 0.00	75.69 -3.48 0.00	65.15 -2.93 0.00	43.56 -1.86 0.00
SITHE___OGDNSBRG 24021	24.62 -0.89 0.00	20.27 -0.80 0.00	20.83 -0.85 0.00	20.64 -0.86 0.00	20.24 -0.82 0.00	33.45 -1.28 0.00	54.99 -1.82 0.00	48.11 -1.33 0.00	61.73 -2.30 0.00	50.96 -1.57 0.00	51.64 -1.60 0.00	43.65 -1.72 0.00	40.21 -1.59 0.00	39.31 -1.51 0.00	38.88 -1.54 0.00	37.34 -1.88 0.00	57.82 -2.47 0.00	99.37 -4.03 0.00	113.17 -4.96 0.00	100.72 -3.87 0.00	75.92 -3.00 0.00	76.25 -2.93 0.00	65.69 -2.38 0.00	43.93 -1.50 0.00
SITHE___STERLING 23777	28.50 0.43 -2.56	24.02 0.34 -2.61	24.47 0.35 -2.45	24.26 0.34 -2.42	24.03 0.38 -2.59	37.75 0.76 -2.26	60.70 1.65 -2.25	53.65 1.53 -2.68	66.08 2.05 0.00	54.21 1.68 0.00	54.89 1.65 0.00	46.59 1.23 0.00	42.80 1.00 0.00	43.65 0.94 -1.89	43.15 0.89 -1.85	42.14 0.90 -2.01	63.36 1.56 -1.50	107.12 3.21 -0.50	121.67 3.54 0.00	106.91 2.30 -0.02	81.71 1.82 -0.98	81.48 1.74 -0.56	70.10 1.29 -0.74	47.05 0.86 -0.76
SOUTH CAIRO___GT 23612	112.23 2.32 -84.40	109.17 1.90 -86.21	104.42 1.97 -80.77	103.16 1.96 -79.70	108.38 1.92 -85.40	112.29 3.16 -74.40	136.25 5.28 -74.15	142.78 4.94 -88.40	141.13 6.66 -70.44	149.22 5.30 -91.39	110.68 5.43 -52.01	108.75 4.54 -58.84	105.65 4.14 -59.72	102.41 3.84 -57.75	100.83 3.80 -56.62	104.47 3.80 -61.44	112.29 6.09 -45.91	130.09 11.37 -15.31	131.13 12.99 0.00	116.20 10.98 -0.64	116.91 8.13 -29.86	104.40 7.99 -17.23	97.23 6.54 -22.63	72.71 3.95 -23.33
SOUTH HAMPTN___IC 23720	106.60 4.39 -76.70	103.55 3.98 -78.50	101.16 4.12 -75.37	100.54 4.04 -74.99	102.85 3.98 -77.81	108.19 5.87 -67.58	132.39 8.41 -67.18	137.43 7.91 -80.08	138.61 10.75 -63.83	144.11 8.77 -82.81	111.04 9.95 -47.84	108.19 8.67 -54.16	105.31 8.40 -55.11	102.48 8.21 -53.45	101.41 8.28 -52.72	103.84 7.89 -56.72	114.04 11.46 -42.29	137.46 20.17 -13.89	141.40 23.28 0.00	126.42 21.03 -0.80	121.96 15.55 -27.50	112.01 16.00 -16.83	103.96 14.50 -21.39	100.58 9.18 -45.97
SOUTHOLD___IC 23719	107.24 5.03 -76.70	104.05 4.49 -78.50	101.70 4.66 -75.37	101.05 4.56 -74.99	103.38 4.51 -77.81	109.13 6.81 -67.58	134.15 10.17 -67.18	138.91 9.40 -80.08	140.47 12.62 -63.83	145.58 10.24 -82.81	112.53 11.45 -47.85	109.51 9.98 -54.16	106.48 9.57 -55.11	103.59 9.31 -53.45	102.51 9.38 -52.72	104.89 8.95 -56.72	115.85 13.26 -42.29	140.88 23.58 -13.89	145.53 27.40 0.00	129.86 24.47 -0.80	124.48 18.07 -27.50	114.30 18.29 -16.83	105.79 16.33 -21.39	101.71 10.31 -45.97
ST LAWRENCE___ 23600	24.44 -1.07 0.00	20.16 -0.91 0.00	20.72 -0.95 0.00	20.53 -0.97 0.00	20.11 -0.95 0.00	33.14 -1.60 0.00	54.20 -2.61 0.00	47.26 -2.17 0.00	60.96 -3.07 0.00	50.17 -2.36 0.00	50.90 -2.34 0.00	43.28 -2.09 0.00	39.87 -1.92 0.00	38.95 -1.88 0.00	38.60 -1.82 0.00	37.30 -1.92 0.00	57.46 -2.83 0.00	98.44 -4.96 0.00	112.35 -5.79 0.00	100.20 -4.39 0.00	75.60 -3.31 0.00	75.85 -3.32 0.00	65.28 -2.79 0.00	43.61 -1.82 0.00
STATION 5_MISC_HYD 23604	34.36 -0.64 -9.48	30.27 -0.48 -9.69	30.32 -0.43 -9.08	30.07 -0.39 -8.96	30.28 -0.38 -9.60	42.43 -0.66 -8.36	63.95 -1.20 -8.33	58.28 -1.09 -9.93	70.39 -1.73 -8.09	61.24 -1.79 -10.49	57.34 -1.86 -5.97	50.72 -1.41 -6.76	47.36 -1.30 -6.86	46.01 -1.31 -6.50	45.41 -1.37 -6.37	44.96 -1.18 -6.91	63.60 -1.87 -5.17	102.24 -2.89 -1.72	114.95 -3.18 0.00	101.00 -3.66 -0.07	79.28 -3.00 -3.36	78.11 -3.01 -1.94	67.83 -2.79 -2.55	46.42 -1.63 -2.63
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.59 -0.41 -9.49	30.46 -0.29 -9.69	30.47 -0.28 -9.08	30.23 -0.24 -8.96	30.43 -0.23 -9.60	42.78 -0.31 -8.36	64.69 -0.46 -8.34	58.93 -0.45 -9.94	71.38 -0.77 -8.12	62.12 -0.94 -10.53	58.17 -1.06 -6.00	51.38 -0.77 -6.78	47.93 -0.75 -6.88	46.55 -0.78 -6.50	45.98 -0.81 -6.37	45.47 -0.67 -6.92	64.44 -1.03 -5.18	103.68 -1.45 -1.73	116.72 -1.41 0.00	102.67 -1.99 -0.07	80.70 -1.58 -3.37	79.37 -1.74 -1.94	68.85 -1.77 -2.55	47.06 -1.00 -2.63
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.07 -0.82 -9.38	30.03 -0.61 -9.58	30.06 -0.58 -8.97	29.82 -0.54 -8.86	30.03 -0.53 -9.49	42.13 -0.87 -8.27	63.52 -1.53 -8.24	57.88 -1.38 -9.82	69.92 -2.11 -8.00	60.86 -2.05 -10.38	57.01 -2.13 -5.91	50.42 -1.63 -6.68	47.03 -1.55 -6.78	45.70 -1.55 -6.42	45.14 -1.58 -6.30	44.65 -1.41 -6.83	63.24 -2.17 -5.12	101.70 -3.41 -1.71	114.24 -3.90 0.00	100.47 -4.19 -0.07	78.85 -3.39 -3.33	77.69 -3.40 -1.92	67.46 -3.13 -2.52	46.12 -1.91 -2.60
STEEL___WIND 323596	37.95 -0.61 -13.05	34.00 -0.40 -13.33	33.80 -0.37 -12.49	33.53 -0.30 -12.33	33.98 -0.29 -13.21	45.68 -0.56 -11.51	66.69 -1.59 -11.47	61.58 -1.53 -13.67	72.90 -2.24 -11.11	64.43 -2.52 -14.42	58.94 -2.50 -8.21	52.84 -1.82 -9.28	49.67 -1.55 -9.42	48.18 -1.59 -8.95	47.57 -1.62 -8.77	47.37 -1.37 -9.52	65.06 -2.35 -7.12	101.85 -3.93 -2.38	113.40 -4.73 0.00	99.77 -4.91 -0.10	79.53 -4.02 -4.63	77.73 -4.12 -2.67	67.97 -3.61 -3.51	47.14 -1.91 -3.62
STEBEN_REC_LFGE 323667	42.68 -0.03 -17.19	38.63 0.00 -17.56	38.15 0.02 -16.45	37.78 0.04 -16.23	38.56 0.11 -17.40	50.23 0.35 -15.15	72.42 0.51 -15.10	67.99 0.54 -18.00	79.19 0.45 -14.71	71.19 -0.42 -19.08	63.78 -0.32 -10.86	57.70 0.05 -12.29	54.31 0.04 -12.47	52.72 0.12 -11.77	52.08 0.12 -11.54	52.06 0.31 -12.52	70.15 0.48 -9.37	107.26 0.73 -3.13	119.43 1.30 0.00	105.24 0.53 -0.13	85.41 0.40 -6.10	83.09 0.40 -3.52	72.76 0.07 -4.62	50.69 0.50 -4.76
STONY___BROOK 24151	105.26 3.03 -76.71	102.41 2.82 -78.52	100.04 2.97 -75.39	99.42 2.90 -75.02	101.71 2.82 -77.83	106.25 3.92 -67.59	128.87 4.89 -67.18	134.31 4.79 -80.08	134.71 6.85 -63.83	141.06 5.73 -82.81	108.04 6.92 -47.88	105.74 6.17 -54.20	103.10 6.15 -55.16	100.25 5.92 -53.51	99.17 5.98 -52.78	101.61 5.61 -56.78	110.51 7.90 -42.33	130.64 13.34 -13.89	133.60 15.47 0.01	119.84 14.44 -0.81	117.24 10.81 -27.52	107.47 11.40 -16.89	100.47 10.96 -21.43	98.34 6.90 -46.01
STURGEON_POOL_HYD 23609	106.57 2.01 -79.05	103.49 1.69 -80.73	99.08 1.75 -75.65	97.88 1.74 -74.64	102.71 1.66 -79.98	107.09 2.67 -69.68	130.29 4.03 -69.45	136.13 3.90 -82.79	135.52 5.51 -65.98	142.59 4.46 -85.60	106.69 4.74 -48.72	104.48 3.99 -55.11	101.41 3.68 -55.93	98.46 3.55 -54.09	96.96 3.51 -53.03	100.18 3.41 -57.54	108.32 5.12 -42.90	126.61 8.89 -14.31	128.17 10.04 0.00	113.97 8.79 -0.60	113.45 6.63 -27.91	102.09 6.81 -16.11	95.21 5.99 -21.15	71.05 3.82 -21.81
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	99.15 2.01 -71.63	95.91 1.69 -73.16	91.98 1.75 -68.55	90.88 1.74 -67.64	95.20 1.66 -72.48	100.55 2.67 -63.14	123.88 4.14 -62.93	128.46 4.00 -75.01	129.46 5.64 -59.80	134.74 4.62 -77.58	102.29 4.89 -44.15	99.41 4.08 -49.95	96.29 3.80 -50.70	93.51 3.68 -49.01	92.14 3.68 -48.05	94.90 3.53 -52.14	104.62 5.31 -39.02	125.73 9.31 -13.01	128.64 10.51 0.00	114.34 9.21 -0.54	111.16 6.86 -25.38	100.79 6.97 -14.65	93.43 6.13 -19.23	69.17 3.91 -19.83



SYNERGY___BIOGAS 323694	36.60 -0.64 -11.72	32.60 -0.44 -11.97	32.50 -0.39 -11.22	32.27 -0.30 -11.07	32.63 -0.29 -11.86	44.51 -0.56 -10.33	65.46 -1.65 -10.30	60.04 -1.68 -12.28	71.45 -2.56 -9.98	62.75 -2.73 -12.95	57.78 -2.82 -7.37	51.62 -2.09 -8.34	48.42 -1.84 -8.46	46.97 -1.88 -8.03	46.35 -1.94 -7.87	46.12 -1.65 -8.54	63.85 -2.83 -6.39	100.99 -4.55 -2.13	112.82 -5.31 0.00	98.93 -5.75 -0.09	78.34 -4.73 -4.16	76.74 -4.83 -2.40	67.00 -4.22 -3.15	46.45 -2.22 -3.25
SYRACUSE___ENERGY_ST1 323597	33.47 -0.18 -8.13	29.23 -0.15 -8.31	29.31 -0.15 -7.78	29.03 -0.15 -7.68	29.17 -0.13 -8.23	41.76 -0.14 -7.17	63.90 -0.06 -7.15	57.76 -0.20 -8.52	70.76 -0.38 -7.11	61.39 -0.37 -9.23	58.01 -0.48 -5.25	50.99 -0.32 -5.94	47.45 -0.38 -6.03	46.03 -0.37 -5.58	45.52 -0.36 -5.47	44.84 -0.32 -5.93	64.31 -0.42 -4.44	104.17 -0.72 -1.48	117.54 -0.59 0.00	103.81 -0.84 -0.06	81.25 -0.55 -2.89	80.13 -0.71 -1.67	69.51 -0.75 -2.19	47.27 -0.41 -2.26
SYRACUSE___ENERGY_ST2 323598	33.47 -0.18 -8.13	29.23 -0.15 -8.31	29.31 -0.15 -7.78	29.03 -0.15 -7.68	29.17 -0.13 -8.23	41.76 -0.14 -7.17	63.90 -0.06 -7.15	57.76 -0.20 -8.52	70.76 -0.38 -7.11	61.39 -0.37 -9.23	58.01 -0.48 -5.25	50.99 -0.32 -5.94	47.45 -0.38 -6.03	46.03 -0.37 -5.58	45.52 -0.36 -5.47	44.84 -0.32 -5.93	64.31 -0.42 -4.44	104.17 -0.72 -1.48	117.54 -0.59 0.00	103.81 -0.84 -0.06	81.25 -0.55 -2.89	80.13 -0.71 -1.67	69.51 -0.75 -2.19	47.27 -0.41 -2.26
SYRACUSE___POWER 24017	35.30 0.31 -9.48	31.00 0.25 -9.68	31.01 0.26 -9.07	30.69 0.24 -8.95	30.91 0.25 -9.59	43.64 0.55 -8.36	66.27 1.14 -8.33	60.36 0.99 -9.93	74.01 1.15 -8.83	64.77 0.79 -11.45	60.56 0.80 -6.52	53.47 0.72 -7.37	49.86 0.58 -7.48	47.94 0.61 -6.51	47.36 0.57 -6.38	46.74 0.59 -6.92	66.50 1.02 -5.18	107.00 1.86 -1.73	120.62 2.48 0.00	106.44 1.78 -0.07	83.78 1.50 -3.37	82.31 1.19 -1.94	71.44 0.82 -2.55	48.65 0.59 -2.63
TRIGEN___CC 323695	106.57 2.96 -78.10	104.31 2.48 -80.76	102.48 2.49 -78.31	102.03 2.41 -78.12	103.79 2.46 -80.27	107.34 3.92 -68.68	129.49 5.51 -67.18	134.76 5.24 -80.08	135.22 7.36 -63.83	141.43 6.09 -82.81	111.93 6.71 -51.98	110.00 5.62 -59.01	107.81 5.22 -60.79	105.81 5.10 -59.88	104.97 5.09 -59.46	106.88 4.90 -62.75	113.64 7.35 -46.00	129.60 12.30 -13.89	132.44 14.29 -0.02	119.34 12.65 -2.11	118.12 9.47 -29.74	111.90 9.50 -23.23	102.63 8.37 -26.19	100.76 5.31 -50.02
UNION___PROCESSING_DRP 323587	34.32 -0.71 -9.53	30.27 -0.53 -9.73	30.29 -0.50 -9.12	30.07 -0.43 -9.00	30.26 -0.44 -9.64	42.37 -0.76 -8.40	63.76 -1.42 -8.37	58.13 -1.29 -9.98	70.17 -1.99 -8.12	61.07 -2.00 -10.54	57.16 -2.08 -6.00	50.57 -1.59 -6.79	47.22 -1.46 -6.89	45.88 -1.47 -6.52	45.28 -1.54 -6.40	44.83 -1.33 -6.94	63.38 -2.11 -5.20	101.83 -3.31 -1.73	114.35 -3.78 0.00	100.58 -4.08 -0.07	78.98 -3.31 -3.38	77.80 -3.32 -1.95	67.57 -3.06 -2.56	46.25 -1.82 -2.64
UPPER HUDSON___HYD 24058	132.03 2.04 -104.48	129.44 1.66 -106.71	123.37 1.71 -99.99	121.86 1.70 -98.66	128.51 1.73 -105.72	129.78 2.95 -92.10	153.89 5.28 -91.79	163.51 4.65 -109.42	157.07 5.89 -87.15	170.27 4.67 -113.07	122.70 5.11 -64.35	122.52 4.36 -72.80	119.65 3.97 -73.88	116.35 4.04 -71.49	114.47 3.96 -70.09	119.20 3.92 -76.05	123.48 6.27 -56.92	134.27 11.89 -18.98	131.71 13.58 0.00	116.88 11.50 -0.79	124.30 8.36 -37.02	108.53 7.99 -21.37	102.66 6.54 -28.05	78.39 4.04 -28.93
UPPER RAQUET___HYD 24056	24.44 -1.07 0.00	20.14 -0.93 0.00	20.68 -1.00 0.00	20.51 -0.99 0.00	20.09 -0.97 0.00	33.21 -1.53 0.00	54.53 -2.27 0.00	47.61 -1.83 0.00	60.83 -3.20 0.00	50.22 -2.31 0.00	50.90 -2.34 0.00	43.01 -2.36 0.00	39.79 -2.01 0.00	38.86 -1.96 0.00	38.48 -1.94 0.00	36.71 -2.51 0.00	56.73 -3.56 0.00	97.10 -6.31 0.00	110.69 -7.44 0.00	98.63 -5.96 0.00	74.50 -4.42 0.00	75.05 -4.12 0.00	65.08 -2.99 0.00	43.61 -1.82 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	61.11 2.32 -33.28	56.95 1.90 -33.99	55.47 1.95 -31.85	54.88 1.96 -31.42	56.69 1.96 -33.67	67.54 3.47 -29.33	92.40 6.36 -29.24	90.12 5.83 -34.85	99.72 7.74 -27.95	95.04 6.25 -36.26	80.10 6.23 -20.64	73.48 4.76 -23.35	69.67 4.18 -23.70	67.64 4.04 -22.77	66.71 3.96 -22.33	67.34 3.88 -24.23	84.94 6.51 -18.14	121.86 12.40 -6.05	132.06 13.93 0.00	115.40 10.56 -0.25	98.84 8.13 -11.80	94.29 8.31 -6.81	84.02 7.01 -8.94	59.18 4.54 -9.22
VISCHER___FERRY HYD 24020	131.14 1.89 -103.74	128.56 1.54 -105.96	122.54 1.58 -99.28	121.03 1.57 -97.96	127.59 1.56 -104.97	128.82 2.64 -91.44	152.50 4.55 -91.14	162.14 4.05 -108.65	156.00 5.44 -86.53	169.16 4.36 -112.27	121.61 4.47 -63.89	121.46 3.81 -72.28	118.67 3.51 -73.36	115.23 3.43 -70.98	113.40 3.40 -69.59	118.07 3.33 -75.52	122.05 5.24 -56.51	131.76 9.51 -18.84	128.99 10.86 0.00	114.79 9.42 -0.78	122.54 6.86 -36.76	107.11 6.73 -21.21	101.57 5.65 -27.85	77.69 3.55 -28.72
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	101.75 2.27 -73.97	98.51 1.90 -75.55	94.44 1.97 -70.79	93.30 1.96 -69.85	97.78 1.87 -74.85	102.96 3.02 -65.20	126.45 4.66 -64.99	131.45 4.55 -77.47	132.18 6.40 -61.75	137.90 5.25 -80.11	104.37 5.54 -45.60	101.58 4.63 -51.58	98.45 4.31 -52.35	95.60 4.17 -50.61	94.20 4.16 -49.62	97.08 4.00 -53.85	106.62 6.03 -40.30	127.50 10.65 -13.44	130.19 12.06 0.00	115.61 10.46 -0.56	112.94 7.81 -26.21	102.22 7.92 -15.13	94.81 6.87 -19.86	70.36 4.45 -20.48
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	104.55 2.60 -76.44	101.33 2.19 -78.07	97.10 2.28 -73.15	95.93 2.26 -72.18	100.57 2.17 -77.34	105.58 3.47 -67.38	129.42 5.45 -67.15	134.68 5.19 -80.05	135.13 7.30 -63.81	141.35 6.04 -82.78	106.58 6.23 -47.11	103.88 5.22 -53.30	100.73 4.85 -54.09	97.86 4.73 -52.30	96.42 4.73 -51.28	99.38 4.51 -55.64	108.68 6.75 -41.64	129.07 11.78 -13.88	131.48 13.34 0.00	116.77 11.61 -0.58	114.68 8.68 -27.09	103.51 8.71 -15.63	96.35 7.76 -20.52	71.63 5.04 -21.16
WADING RIVER_IC_1 23522	105.58 3.37 -76.70	102.70 3.14 -78.50	100.31 3.27 -75.36	99.70 3.20 -74.99	102.00 3.14 -77.80	106.73 4.41 -67.58	129.84 5.85 -67.18	135.15 5.63 -80.08	135.79 7.94 -63.83	141.85 6.51 -82.81	108.75 7.67 -47.84	106.28 6.76 -54.15	103.63 6.73 -55.10	100.80 6.53 -53.44	99.75 6.63 -52.71	102.18 6.24 -56.72	111.38 8.80 -42.29	132.50 15.21 -13.89	135.73 17.61 0.01	121.39 16.00 -0.80	118.24 11.83 -27.49	108.43 12.43 -16.83	101.09 11.64 -21.38	98.75 7.36 -45.97
WADING RIVER_IC_2 23547	105.58 3.37 -76.70	102.70 3.14 -78.50	100.31 3.27 -75.36	99.70 3.20 -74.99	102.00 3.14 -77.80	106.73 4.41 -67.58	129.84 5.85 -67.18	135.15 5.63 -80.08	135.79 7.94 -63.83	141.85 6.51 -82.81	108.75 7.67 -47.84	106.28 6.76 -54.15	103.63 6.73 -55.10	100.80 6.53 -53.44	99.75 6.63 -52.71	102.18 6.24 -56.72	111.38 8.80 -42.29	132.50 15.21 -13.89	135.73 17.61 0.01	121.39 16.00 -0.80	118.24 11.83 -27.49	108.43 12.43 -16.83	101.09 11.64 -21.38	98.75 7.36 -45.97
WADING RIVER_IC_3 23601	105.58 3.37 -76.70	102.70 3.14 -78.50	100.31 3.27 -75.36	99.70 3.20 -74.99	102.00 3.14 -77.80	106.73 4.41 -67.58	129.84 5.85 -67.18	135.15 5.63 -80.08	135.79 7.94 -63.83	141.85 6.51 -82.81	108.75 7.67 -47.84	106.28 6.76 -54.15	103.63 6.73 -55.10	100.80 6.53 -53.44	99.75 6.63 -52.71	102.18 6.24 -56.72	111.38 8.80 -42.29	132.50 15.21 -13.89	135.73 17.61 0.01	121.39 16.00 -0.80	118.24 11.83 -27.49	108.43 12.43 -16.83	101.09 11.64 -21.38	98.75 7.36 -45.97



WALDEN___HYDRO 24148	103.39 2.17 -75.71	100.20 1.81 -77.33	95.99 1.86 -72.45	94.84 1.85 -71.49	99.46 1.79 -76.61	104.35 2.88 -66.74	127.81 4.49 -66.51	133.13 4.40 -79.29	133.37 6.15 -63.20	139.52 4.99 -81.99	105.17 5.27 -46.66	102.61 4.45 -52.79	99.47 4.10 -53.58	96.58 3.96 -51.80	95.12 3.92 -50.79	98.14 3.80 -55.11	107.30 5.79 -41.22	127.39 10.24 -13.74	129.71 11.58 0.00	115.20 10.04 -0.57	113.23 7.50 -26.81	102.25 7.60 -15.47	94.99 6.60 -20.31	70.55 4.18 -20.95
WARRENSBURG___ 23737	132.03 2.04 -104.48	129.44 1.66 -106.71	123.37 1.71 -99.99	121.86 1.70 -98.66	128.51 1.73 -105.72	129.78 2.95 -92.10	153.89 5.28 -91.79	163.51 4.65 -109.42	157.07 5.89 -87.15	170.27 4.67 -113.07	122.70 5.11 -64.35	122.52 4.36 -72.80	119.65 3.97 -73.88	116.35 4.04 -71.49	114.47 3.96 -70.09	119.20 3.92 -76.05	123.48 6.27 -56.92	134.27 11.89 -18.98	131.71 13.58 0.00	116.88 11.50 -0.79	124.30 8.36 -37.02	108.53 7.99 -21.37	102.66 6.54 -28.05	78.39 4.04 -28.93
WATERSIDE___6 8 9 23538	104.70 2.73 -76.46	101.45 2.30 -78.09	97.21 2.36 -73.17	96.04 2.34 -72.20	100.68 2.25 -77.36	105.74 3.61 -67.40	129.66 5.68 -67.17	134.85 5.34 -80.07	135.27 7.42 -63.82	141.46 6.14 -82.79	104.98 6.44 -45.30	90.32 5.40 -39.56	86.09 4.97 -39.33	82.24 4.81 -36.60	84.27 4.89 -38.97	84.28 4.63 -40.43	96.72 6.99 -29.44	125.04 12.30 -9.34	128.18 13.81 3.77	104.83 12.02 11.78	104.60 8.91 -16.77	93.72 8.94 -5.60	96.42 7.82 -20.52	71.85 5.27 -21.16
WDELAWARE___HYD 323627	96.48 1.15 -69.82	93.34 0.97 -71.31	89.49 1.00 -66.81	88.42 0.99 -65.93	92.65 0.95 -70.64	97.84 1.56 -61.54	120.64 2.50 -61.34	125.18 2.62 -73.12	126.16 3.84 -58.29	131.25 3.10 -75.62	99.58 3.30 -43.04	96.69 2.63 -48.69	93.63 2.42 -49.41	90.84 2.24 -47.77	89.47 2.22 -46.84	92.24 2.20 -50.82	101.48 3.37 -37.82	122.33 6.31 -12.61	125.22 7.09 0.00	110.97 5.85 -0.52	107.93 4.42 -24.60	97.80 4.43 -14.20	90.45 3.74 -18.64	66.87 2.23 -19.22
WEST BABYLON___IC 23714	106.09 3.52 -77.05	103.25 3.12 -79.07	100.97 3.19 -76.11	100.40 3.12 -75.78	102.58 3.10 -78.43	107.25 4.66 -67.86	130.57 6.59 -67.18	135.80 6.28 -80.08	136.56 8.71 -63.83	142.48 7.14 -82.81	109.84 7.72 -48.89	107.32 6.58 -55.38	104.69 6.35 -56.54	102.18 6.28 -55.07	101.13 6.30 -54.41	103.47 6.00 -58.24	112.26 8.74 -43.23	132.08 14.79 -13.89	135.26 17.12 0.00	121.10 15.38 -1.13	118.41 11.44 -28.06	109.49 11.87 -18.44	101.49 10.82 -22.60	99.46 7.04 -46.99
WEST CANADA___HYD 24049	23.73 0.20 1.98	19.21 0.17 2.03	19.95 0.17 1.90	19.80 0.17 1.87	19.22 0.17 2.01	33.30 0.31 1.75	55.63 0.57 1.74	47.80 0.44 2.08	62.75 0.64 1.92	50.57 0.53 2.49	52.30 0.48 1.41	44.18 0.41 1.60	40.55 0.38 1.62	39.82 0.37 1.37	39.44 0.36 1.34	38.16 0.39 1.45	59.81 0.60 1.09	104.18 1.14 0.36	119.43 1.30 0.00	105.51 0.94 0.02	78.91 0.71 0.71	79.56 0.79 0.41	68.22 0.68 0.54	45.28 0.41 0.55
WESTERN_NY_WIND 24143	36.60 -0.64 -11.72	32.60 -0.44 -11.97	32.50 -0.39 -11.22	32.27 -0.30 -11.07	32.63 -0.29 -11.86	44.51 -0.56 -10.33	65.46 -1.65 -10.30	60.04 -1.68 -12.28	71.45 -2.56 -9.98	62.75 -2.73 -12.95	57.78 -2.82 -7.37	51.62 -2.09 -8.34	48.42 -1.84 -8.46	46.97 -1.88 -8.03	46.35 -1.94 -7.87	46.12 -1.65 -8.54	63.85 -2.83 -6.39	100.99 -4.55 -2.13	112.82 -5.31 0.00	98.93 -5.75 -0.09	78.34 -4.73 -4.16	76.74 -4.83 -2.40	67.00 -4.22 -3.15	46.45 -2.22 -3.25
WESTOVER___LESR 323668	50.93 0.36 -25.06	46.98 0.32 -25.59	45.98 0.33 -23.98	45.51 0.34 -23.66	46.75 0.34 -25.36	57.45 0.63 -22.09	79.73 0.91 -22.02	76.47 0.79 -26.24	86.21 0.96 -21.22	80.64 0.58 -27.53	69.55 0.64 -15.67	63.73 0.63 -17.73	60.33 0.54 -17.99	58.51 0.53 -17.15	57.72 0.49 -16.82	57.98 0.51 -18.25	74.73 0.78 -13.66	109.30 1.34 -4.56	119.78 1.65 0.00	105.93 1.15 -0.19	88.67 0.87 -8.89	85.01 0.71 -5.13	75.35 0.54 -6.73	52.96 0.59 -6.94
WETHRSFD_WT_PWR 323626	39.48 -0.56 -14.53	35.51 -0.40 -14.84	35.22 -0.37 -13.91	34.92 -0.30 -13.72	35.49 -0.27 -14.71	47.06 -0.49 -12.81	68.21 -1.36 -12.77	63.33 -1.33 -15.22	74.41 -1.99 -12.37	66.27 -2.31 -16.05	60.14 -2.23 -9.13	54.11 -1.59 -10.33	50.91 -1.38 -10.49	49.39 -1.39 -9.95	48.76 -1.42 -9.76	48.64 -1.18 -10.59	66.17 -2.05 -7.92	102.53 -3.52 -2.64	114.11 -4.02 0.00	100.41 -4.29 -0.11	80.68 -3.39 -5.15	78.75 -3.40 -2.97	68.92 -3.06 -3.91	47.96 -1.50 -4.03
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	101.62 2.14 -73.97	98.42 1.81 -75.55	94.34 1.88 -70.79	93.21 1.87 -69.84	97.69 1.79 -74.84	102.78 2.85 -65.20	126.23 4.43 -64.98	131.20 4.30 -77.46	131.86 6.09 -61.75	137.63 4.99 -80.11	104.10 5.27 -45.59	101.35 4.40 -51.58	98.24 4.10 -52.35	95.39 3.96 -50.61	94.00 3.96 -49.62	96.87 3.80 -53.84	106.32 5.73 -40.30	126.87 10.03 -13.44	129.47 11.34 0.00	114.98 9.83 -0.56	112.47 7.34 -26.21	101.74 7.44 -15.13	94.53 6.60 -19.86	70.13 4.23 -20.48
YORK___WARBASSE 23770	104.88 2.91 -76.46	101.56 2.40 -78.09	97.29 2.45 -73.17	96.13 2.43 -72.20	100.78 2.36 -77.36	105.95 3.82 -67.40	130.00 6.02 -67.17	135.09 5.58 -80.07	135.59 7.74 -63.82	141.77 6.41 -82.83	160.40 6.76 -100.40	171.61 5.62 -120.61	173.44 5.22 -126.42	175.11 5.06 -129.22	157.12 5.09 -111.61	174.21 4.82 -130.16	169.11 7.41 -101.41	152.63 13.03 -36.20	151.38 14.76 -18.49	178.40 12.76 -61.06	166.00 9.47 -77.62	153.35 9.42 -64.76	96.80 8.16 -20.57	72.11 5.49 -21.19