

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/15/2008

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	100.60	97.67	95.72	92.85	91.22	89.62	100.95	120.61	126.40	131.77	142.92	156.29	160.66	168.50	179.55	203.00	214.43	188.58	166.51	150.91	145.87	132.51	114.57	110.88
24138	8.58	7.79	7.49	7.59	7.33	7.85	9.17	9.28	10.43	11.57	13.14	15.06	16.62	17.73	18.76	16.26	16.80	13.41	13.41	12.26	12.17	11.76	9.47	10.04
	-5.40	-3.36	-6.80	0.00	-2.46	0.00	-0.05	-32.66	-33.85	-29.80	-24.68	-25.42	-12.10	-14.41	-15.40	-60.65	-67.44	-72.02	-50.73	-44.39	-37.87	-26.66	-26.84	-12.73
74TH STREET_GT_1	100.69	97.76	95.72	92.85	91.30	89.62	100.95	121.00	126.32	131.68	142.82	156.18	160.52	168.23	179.26	202.74	214.17	188.38	166.31	150.82	145.87	132.41	114.93	110.97
24260	8.66	7.87	7.49	7.59	7.41	7.85	9.17	9.28	10.35	11.48	13.03	14.94	16.49	17.45	18.47	16.01	16.53	13.20	13.21	12.16	12.17	11.67	9.55	10.13
	-5.40	-3.36	-6.80	0.00	-2.46	0.00	-0.05	-33.05	-33.85	-29.80	-24.68	-25.42	-12.10	-14.41	-15.40	-60.65	-67.44	-72.02	-50.73	-44.39	-37.87	-26.66	-27.12	-12.73
74TH STREET_GT_2	100.69	97.76	95.72	92.85	91.30	89.62	100.95	121.00	126.32	131.68	142.82	156.18	160.52	168.23	179.26	202.74	214.17	188.38	166.31	150.82	145.87	132.41	114.93	110.97
24261	8.66	7.87	7.49	7.59	7.41	7.85	9.17	9.28	10.35	11.48	13.03	14.94	16.49	17.45	18.47	16.01	16.53	13.20	13.21	12.16	12.17	11.67	9.55	10.13
	-5.40	-3.36	-6.80	0.00	-2.46	0.00	-0.05	-33.05	-33.85	-29.80	-24.68	-25.42	-12.10	-14.41	-15.40	-60.65	-67.44	-72.02	-50.73	-44.39	-37.87	-26.66	-27.12	-12.73
ADK HUDSON___FALLS	101.88	98.77	96.88	92.85	92.21	89.95	100.24	119.43	131.32	135.27	145.10	153.39	157.72	156.14	157.68	140.42	145.47	136.69	150.46	141.14	152.66	136.42	113.87	111.54
24011	8.23	7.87	6.60	7.59	7.57	8.18	8.44	5.74	5.01	5.97	7.78	8.22	9.76	10.50	10.76	8.57	8.85	8.46	7.58	6.60	7.38	7.53	6.03	6.87
	-7.03	-4.37	-8.84	0.00	-3.20	0.00	-0.07	-35.01	-44.19	-38.90	-32.23	-29.35	-16.03	-9.28	-1.52	-5.77	-6.42	-25.08	-40.52	-40.27	-49.45	-34.80	-29.58	-16.57
ADK RESOURCE___RCVRY	101.88	98.77	96.88	92.85	92.21	89.95	100.24	119.43	131.32	135.27	145.10	153.39	157.72	156.14	157.68	140.42	145.47	136.69	150.46	141.14	152.66	136.42	113.87	111.54
23798	8.23	7.87	6.60	7.59	7.57	8.18	8.44	5.74	5.01	5.97	7.78	8.22	9.76	10.50	10.76	8.57	8.85	8.46	7.58	6.60	7.38	7.53	6.03	6.87
	-7.03	-4.37	-8.84	0.00	-3.20	0.00	-0.07	-35.01	-44.19	-38.90	-32.23	-29.35	-16.03	-9.28	-1.52	-5.77	-6.42	-25.08	-40.52	-40.27	-49.45	-34.80	-29.58	-16.57
ADK S GLENS___FALLS	101.88	98.77	96.88	92.85	92.21	89.95	100.24	119.43	131.32	135.27	145.10	153.39	157.72	156.14	157.68	140.42	145.47	136.69	150.46	141.14	152.66	136.42	113.87	111.54
24028	8.23	7.87	6.60	7.59	7.57	8.18	8.44	5.74	5.01	5.97	7.78	8.22	9.76	10.50	10.76	8.57	8.85	8.46	7.58	6.60	7.38	7.53	6.03	6.87
	-7.03	-4.37	-8.84	0.00	-3.20	0.00	-0.07	-35.01	-44.19	-38.90	-32.23	-29.35	-16.03	-9.28	-1.52	-5.77	-6.42	-25.08	-40.52	-40.27	-49.45	-34.80	-29.58	-16.57
ADK NYS___DAM	100.76	98.14	96.74	92.68	90.75	89.22	99.32	118.40	130.72	134.58	144.10	152.60	156.67	154.94	156.28	139.91	145.39	135.26	149.06	140.07	150.77	134.72	112.59	110.96
23527	7.28	7.35	6.68	7.42	6.19	7.44	7.52	5.59	5.50	6.24	7.57	8.11	9.10	9.41	9.16	7.31	7.94	6.81	6.86	6.32	6.71	6.68	5.48	6.70
	-6.85	-4.27	-8.63	0.00	-3.12	0.00	-0.07	-34.15	-43.10	-37.94	-31.43	-28.68	-15.64	-9.17	-1.72	-6.51	-7.25	-25.30	-39.83	-39.49	-48.23	-33.95	-28.85	-16.16
AIR PRODUCTS___DRP	96.77	94.07	92.91	88.59	87.73	85.29	95.28	115.48	127.92	131.49	140.41	148.43	152.42	149.70	150.63	130.24	134.49	126.16	143.49	135.39	147.49	131.41	109.84	107.43
24190	3.29	3.29	2.85	3.33	3.18	3.52	3.49	2.67	2.71	3.16	3.89	4.29	4.88	5.05	5.23	4.16	4.30	3.82	3.58	3.21	3.45	3.39	2.74	3.17
	-6.85	-4.27	-8.62	0.00	-3.12	0.00	-0.07	-34.14	-43.09	-37.93	-31.42	-28.33	-15.61	-8.29	0.00	0.00	0.00	-19.19	-37.54	-37.91	-48.21	-33.93	-28.84	-16.15
ALBANY___1	96.77	94.07	92.91	88.59	87.73	85.29	95.28	115.48	127.92	131.49	140.41	148.43	152.42	149.70	150.63	130.24	134.49	126.16	143.49	135.39	147.49	131.41	109.84	107.43
23571	3.29	3.29	2.85	3.33	3.18	3.52	3.49	2.67	2.71	3.16	3.89	4.29	4.88	5.05	5.23	4.16	4.30	3.82	3.58	3.21	3.45	3.39	2.74	3.17
	-6.85	-4.27	-8.62	0.00	-3.12	0.00	-0.07	-34.14	-43.09	-37.93	-31.42	-28.33	-15.61	-8.29	0.00	0.00	0.00	-19.19	-37.54	-37.91	-48.21	-33.93	-28.84	-16.15
ALBANY___2	96.77	94.07	92.91	88.59	87.73	85.29	95.28	115.48	127.92	131.49	140.41	148.43	152.42	149.70	150.63	130.24	134.49	126.16	143.49	135.39	147.49	131.41	109.84	107.43
23572	3.29	3.29	2.85	3.33	3.18	3.52	3.49	2.67	2.71	3.16	3.89	4.29	4.88	5.05	5.23	4.16	4.30	3.82	3.58	3.21	3.45	3.39	2.74	3.17
	-6.85	-4.27	-8.62	0.00	-3.12	0.00	-0.07	-34.14	-43.09	-37.93	-31.42	-28.33	-15.61	-8.29	0.00	0.00	0.00	-19.19	-37.54	-37.91	-48.21	-33.93	-28.84	-16.15
ALBANY___3	96.77	94.07	92.91	88.59	87.73	85.29	95.28	115.48	127.92	131.49	140.41	148.43	152.42	149.70	150.63	130.24	134.49	126.16	143.49	135.39	147.49	131.41	109.84	107.43
23573	3.29	3.29	2.85	3.33	3.18	3.52	3.49	2.67	2.71	3.16	3.89	4.29	4.88	5.05	5.23	4.16	4.30	3.82	3.58	3.21	3.45	3.39	2.74	3.17
	-6.85	-4.27	-8.62	0.00	-3.12	0.00	-0.07	-34.14	-43.09	-37.93	-31.42	-28.33	-15.61	-8.29	0.00	0.00	0.00	-19.19	-37.54	-37.91	-48.21	-33.93	-28.84	-16.15
ALBANY___4	96.77	94.07	92.91	88.59	87.73	85.29	95.28	115.48	127.92	131.49	140.41	148.43	152.42	149.70	150.63	130.24	134.49	126.16	143.49	135.39	147.49	131.41	109.84	107.43
23574	3.29	3.29	2.85	3.33	3.18	3.52	3.49	2.67	2.71	3.16	3.89	4.29	4.88	5.05	5.23	4.16	4.30	3.82	3.58	3.21	3.45	3.39	2.74	3.17
	-6.85	-4.27	-8.62	0.00	-3.12	0.00	-0.07	-34.14	-43.09	-37.93	-31.42	-28.33	-15.61	-8.29	0.00	0.00	0.00	-19.19	-37.54	-37.91	-48.21	-33.93	-28.84	-16.15



ALCOA_RYNLDS___DRP 24188	84.20 -2.43 0.00	84.44 -2.08 0.00	79.40 -2.04 0.00	81.68 -3.58 0.00	78.10 -3.34 0.00	78.26 -3.52 0.00	89.71 -2.02 0.00	76.31 -2.36 0.00	79.08 -3.04 0.00	86.97 -3.44 0.00	100.79 -4.31 0.00	110.26 -5.56 0.00	109.82 -6.33 15.78	114.83 -7.09 14.44	108.81 -7.71 28.88	111.42 -6.81 7.85	111.82 -6.90 11.47	98.10 -5.05 0.00	97.56 -4.81 0.00	90.03 -4.24 0.00	91.33 -4.50 0.00	90.05 -4.05 0.00	75.13 -3.13 0.00	85.11 -3.00 0.00
ALLEGHENY___COGEN 23514	82.62 -4.85 -0.84	81.68 -5.36 -0.52	77.12 -5.37 -1.06	82.70 -2.56 0.00	78.73 -2.69 0.02	79.81 -1.96 0.00	87.33 -4.40 -0.01	75.29 -3.07 0.31	83.73 -2.63 -4.24	92.05 -2.08 -3.73	106.40 -1.79 -3.09	117.44 -1.16 -2.78	128.70 -0.92 2.30	132.71 -0.95 2.70	137.65 -0.73 7.03	124.08 -0.13 1.87	127.33 -0.13 2.74	103.54 -1.44 -1.83	104.30 -1.64 -3.57	96.08 -1.79 -3.60	98.79 -1.63 -4.58	95.44 -1.88 -3.23	79.54 -2.27 -3.55	87.53 -2.55 -1.99
AMERICAN_REF_FUEL 24010	75.36 -12.04 -0.77	74.63 -12.37 -0.48	70.60 -11.81 -0.97	76.74 -8.53 0.00	72.97 -8.47 -0.01	73.92 -7.85 0.00	79.08 -12.66 -0.01	67.48 -11.17 0.02	71.07 -11.83 -0.78	78.52 -12.57 -0.69	91.47 -14.19 -0.56	101.03 -15.29 -0.50	102.33 -17.02 12.58	106.87 -17.86 11.62	102.67 -19.19 23.54	102.91 -16.77 6.40	103.92 -16.93 9.35	89.26 -14.24 -0.34	88.79 -14.23 -0.65	81.73 -13.20 -0.66	83.27 -13.42 -0.85	81.61 -13.08 -0.60	71.42 -10.10 -3.26	79.88 -10.04 -1.82
ARTHUR_KILL_GT_1 23520	100.78 8.75 -5.41	97.68 7.79 -3.37	95.57 7.33 -6.80	92.60 7.33 -0.01	90.99 7.09 -2.47	89.29 7.52 0.01	100.58 8.81 -0.05	120.65 9.13 -32.86	126.23 10.26 -33.84	131.58 11.39 -29.79	142.71 12.93 -24.68	156.05 14.82 -25.41	160.52 16.49 -12.10	168.22 17.45 -14.40	173.97 18.61 -9.96	173.97 16.14 -31.75	173.97 16.66 -27.11	173.97 13.41 -57.41	166.61 13.51 -50.72	151.00 12.35 -44.38	146.06 12.36 -37.86	132.61 11.86 -26.66	114.88 9.63 -27.00	110.97 10.13 -12.74
ARTHUR_KILL_2 23512	100.78 8.75 -5.41	97.68 7.79 -3.37	95.57 7.33 -6.80	92.60 7.33 -0.01	90.99 7.09 -2.47	89.29 7.52 0.01	100.58 8.81 -0.05	120.65 9.13 -32.86	126.23 10.26 -33.84	131.58 11.39 -29.79	142.71 12.93 -24.68	156.05 14.82 -25.41	160.52 16.49 -12.10	168.22 17.45 -14.40	173.97 18.61 -9.96	173.97 16.14 -31.75	173.97 16.66 -27.11	173.97 13.41 -57.41	166.61 13.51 -50.72	151.00 12.35 -44.38	146.06 12.36 -37.86	132.61 11.86 -26.66	114.88 9.63 -27.00	110.97 10.13 -12.74
ARTHUR_KILL_3 23513	100.34 8.32 -5.40	97.41 7.53 -3.36	95.40 7.17 -6.80	92.51 7.25 0.00	90.90 7.00 -2.46	89.30 7.52 0.00	100.50 8.71 -0.05	120.50 8.97 -32.86	126.07 10.10 -33.85	131.41 11.21 -29.80	142.50 12.72 -24.68	155.83 14.59 -25.42	160.00 15.96 -12.10	167.82 17.05 -14.41	172.96 17.59 -9.97	173.10 15.26 -31.76	173.07 15.75 -27.12	173.15 12.58 -57.41	166.00 12.90 -50.73	150.53 11.88 -44.39	145.59 11.88 -37.87	132.13 11.39 -26.66	114.48 9.23 -26.99	110.61 9.78 -12.73
ASHOKAN____ 23654	101.21 8.75 -5.83	98.37 8.22 -3.63	96.68 7.90 -7.34	93.28 8.01 0.00	91.91 7.82 -2.66	89.87 8.10 0.00	101.14 9.36 -0.06	116.69 8.97 -29.05	128.58 9.85 -36.61	133.74 11.12 -32.22	144.83 13.03 -26.69	155.79 14.71 -25.27	161.94 17.02 -12.99	164.48 18.27 -9.85	170.79 19.92 -5.47	166.29 17.27 -22.94	173.76 18.10 -25.47	155.21 14.13 -37.92	156.14 13.82 -39.94	144.73 12.73 -37.74	149.52 12.75 -40.94	135.14 12.23 -28.81	112.53 9.70 -24.56	112.08 10.22 -13.76
ASTORIA_EAST_ENERGY_CC1 323581	100.60 8.49 -5.48	97.50 7.61 -3.37	95.73 7.49 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.47 7.69 -0.01	100.69 8.90 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.72 14.48 -25.43	159.59 15.57 -12.10	167.26 16.50 -14.40	178.09 17.30 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.69 12.59 -50.72	156.25 11.88 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.91 9.70 -78.94	159.81 10.31 -61.40
ASTORIA_EAST_ENERGY_CC2 323582	100.68 8.58 -5.48	97.59 7.70 -3.37	95.73 7.49 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.69 8.90 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.26 16.50 -14.40	178.09 17.30 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT2_1 24094	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT2_2 24095	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT2_3 24096	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT2_4 24097	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT3_1 24098	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT3_2 24099	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT3_3 24100	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40



ASTORIA_GT3_4 24101	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT4_1 24102	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT4_2 24103	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT4_3 24104	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT4_4 24105	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_1 23523	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_10 24110	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	171.10 13.51 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_11 24225	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	171.10 13.51 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_12 24226	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	171.10 13.51 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_13 24227	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	171.10 13.51 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_5 24106	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_7 24107	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA_GT_8 24108	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA__2 24149	100.68 8.58 -5.48	97.59 7.70 -3.37	95.81 7.57 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA__3 23516	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	170.99 13.41 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40
ASTORIA__4 23517	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	170.99 13.41 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40



ASTORIA___5 23518	100.68 8.58 -5.48	97.59 7.70 -3.37	95.73 7.49 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.72 15.70 -12.10	167.26 16.50 -14.40	178.09 17.30 -15.39	201.73 15.00 -60.65	213.12 15.49 -67.43	187.65 12.48 -72.01	165.79 12.69 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.90 10.40 -61.40
ATHENS_STG_1 23668	97.27 4.68 -5.96	94.82 4.59 -3.71	93.42 4.48 -7.51	90.04 4.77 0.00	88.79 4.64 -2.71	86.35 4.58 0.00	96.92 5.14 -0.06	113.32 4.96 -29.70	124.86 5.34 -37.40	129.11 5.79 -32.92	138.89 6.52 -27.27	146.48 7.41 -23.25	153.35 8.31 -13.11	148.62 8.86 -3.40	147.42 9.45 7.43	108.41 8.20 25.86	109.82 8.46 28.84	102.57 6.81 7.39	132.74 6.76 -23.61	127.23 6.22 -26.74	143.91 6.23 -41.84	129.47 5.93 -29.45	108.22 4.85 -25.10	107.45 5.29 -14.06
ATHENS_STG_2 23670	97.27 4.68 -5.96	94.82 4.59 -3.71	93.42 4.48 -7.51	90.04 4.77 0.00	88.79 4.64 -2.71	86.35 4.58 0.00	96.92 5.14 -0.06	113.32 4.96 -29.70	124.86 5.34 -37.40	129.11 5.79 -32.92	138.89 6.52 -27.27	146.48 7.41 -23.25	153.35 8.31 -13.11	148.62 8.86 -3.40	147.42 9.45 7.43	108.41 8.20 25.86	109.82 8.46 28.84	102.57 6.81 7.39	132.74 6.76 -23.61	127.23 6.22 -26.74	143.91 6.23 -41.84	129.47 5.93 -29.45	108.22 4.85 -25.10	107.45 5.29 -14.06
ATHENS_STG_3 23677	97.27 4.68 -5.96	94.82 4.59 -3.71	93.42 4.48 -7.51	90.04 4.77 0.00	88.79 4.64 -2.71	86.35 4.58 0.00	96.92 5.14 -0.06	113.32 4.96 -29.70	124.86 5.34 -37.40	129.11 5.79 -32.92	138.89 6.52 -27.27	146.48 7.41 -23.25	153.35 8.31 -13.11	148.62 8.86 -3.40	147.42 9.45 7.43	108.41 8.20 25.86	109.82 8.46 28.84	102.57 6.81 7.39	132.74 6.76 -23.61	127.23 6.22 -26.74	143.91 6.23 -41.84	129.47 5.93 -29.45	108.22 4.85 -25.10	107.45 5.29 -14.06
BARRETT_IC_1 23704	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_10 23701	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_11 23702	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_12 23703	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_2 23705	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_3 23706	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_4 23707	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_5 23708	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_6 23709	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_7 23710	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_8 23711	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT_IC_9 23700	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01



BARRETT___1 23545	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BARRETT___2 23546	129.66 8.92 -34.11	98.20 8.31 -3.37	96.39 8.14 -6.81	93.11 7.84 -0.01	91.39 7.49 -2.46	89.88 8.10 -0.01	101.79 10.00 -0.06	126.34 9.75 -37.92	130.52 10.76 -37.64	135.31 11.75 -33.16	145.07 13.45 -26.52	155.38 14.13 -25.43	158.42 14.38 -12.11	165.78 15.00 -14.42	176.94 16.14 -15.40	200.86 14.12 -60.66	212.48 14.84 -67.44	186.95 11.76 -72.03	165.09 11.98 -50.74	150.54 11.88 -44.39	147.78 12.46 -39.49	158.37 11.76 -52.51	142.54 9.70 -54.58	134.12 11.01 -35.01
BEAVER RIVER___HYD 24048	85.93 -0.69 0.00	85.92 -0.61 0.00	80.38 -1.06 0.00	84.58 -0.68 0.00	80.54 -0.90 0.00	81.28 -0.49 0.00	91.73 0.00 0.00	79.61 0.94 0.00	82.78 0.66 0.00	91.40 0.99 0.00	106.99 1.89 0.00	117.21 1.39 0.00	133.51 1.58 0.00	137.32 0.95 0.00	146.13 0.73 0.00	127.09 1.01 0.00	131.11 0.91 0.00	103.26 0.10 0.00	103.40 1.02 0.00	95.31 1.04 0.00	96.89 1.05 0.00	95.31 1.22 0.00	78.26 0.00 0.00	87.48 -0.62 0.00
BEEBEE_GT_13 23619	82.89 -4.33 -0.59	82.13 -4.76 -0.37	77.21 -4.97 -0.75	82.79 -2.47 0.00	78.71 -2.61 0.12	79.89 -1.88 0.00	87.88 -3.85 -0.01	74.73 -2.52 1.42	84.91 -1.40 -4.19	93.46 -0.63 -3.69	108.68 0.53 -3.06	119.84 1.27 -2.75	136.70 2.11 -2.66	140.26 2.05 -1.85	149.09 1.60 -2.09	128.44 1.77 -0.59	132.88 1.82 -0.87	104.57 -0.41 -1.83	105.23 -0.72 -3.58	96.85 -1.04 -3.61	99.47 -0.96 -4.59	96.19 -1.13 -3.23	78.72 -2.03 -2.49	87.47 -2.03 -1.40
BETHLEHEM___GRP 23843	96.77 3.29 -6.85	94.07 3.29 -4.27	92.91 2.85 -8.62	88.59 3.33 0.00	87.73 3.18 -3.12	85.29 3.52 0.00	95.28 3.49 -0.07	115.48 2.67 -34.14	127.92 2.71 -43.09	131.49 3.16 -37.93	140.41 3.89 -31.42	148.43 4.29 -28.33	152.42 4.88 -15.61	149.70 5.05 -8.29	150.63 5.23 0.00	130.24 4.16 0.00	134.49 4.30 0.00	126.16 3.82 -19.19	143.49 3.58 -37.54	135.39 3.21 -37.91	147.49 3.45 -48.21	131.41 3.39 -33.93	109.84 2.74 -28.84	107.43 3.17 -16.15
BETHLEHEM___GS1 323560	96.77 3.29 -6.85	94.07 3.29 -4.27	92.91 2.85 -8.62	88.59 3.33 0.00	87.73 3.18 -3.12	85.29 3.52 0.00	95.28 3.49 -0.07	115.48 2.67 -34.14	127.92 2.71 -43.09	131.49 3.16 -37.93	140.41 3.89 -31.42	148.43 4.29 -28.33	152.42 4.88 -15.61	149.70 5.05 -8.29	150.63 5.23 0.00	130.24 4.16 0.00	134.49 4.30 0.00	126.16 3.82 -19.19	143.49 3.58 -37.54	135.39 3.21 -37.91	147.49 3.45 -48.21	131.41 3.39 -33.93	109.84 2.74 -28.84	107.43 3.17 -16.15
BETHLEHEM___GS2 323561	96.77 3.29 -6.85	94.07 3.29 -4.27	92.91 2.85 -8.62	88.59 3.33 0.00	87.73 3.18 -3.12	85.29 3.52 0.00	95.28 3.49 -0.07	115.48 2.67 -34.14	127.92 2.71 -43.09	131.49 3.16 -37.93	140.41 3.89 -31.42	148.43 4.29 -28.33	152.42 4.88 -15.61	149.70 5.05 -8.29	150.63 5.23 0.00	130.24 4.16 0.00	134.49 4.30 0.00	126.16 3.82 -19.19	143.49 3.58 -37.54	135.39 3.21 -37.91	147.49 3.45 -48.21	131.41 3.39 -33.93	109.84 2.74 -28.84	107.43 3.17 -16.15
BETHLEHEM___GS3 323562	96.77 3.29 -6.85	94.07 3.29 -4.27	92.91 2.85 -8.62	88.59 3.33 0.00	87.73 3.18 -3.12	85.29 3.52 0.00	95.28 3.49 -0.07	115.48 2.67 -34.14	127.92 2.71 -43.09	131.49 3.16 -37.93	140.41 3.89 -31.42	148.43 4.29 -28.33	152.42 4.88 -15.61	149.70 5.05 -8.29	150.63 5.23 0.00	130.24 4.16 0.00	134.49 4.30 0.00	126.16 3.82 -19.19	143.49 3.58 -37.54	135.39 3.21 -37.91	147.49 3.45 -48.21	131.41 3.39 -33.93	109.84 2.74 -28.84	107.43 3.17 -16.15
BETHLEHEM___STEEL 23779	76.28 -11.17 -0.83	75.53 -11.51 -0.52	71.41 -11.08 -1.05	77.25 -8.01 0.00	73.59 -7.90 -0.05	74.50 -7.28 0.00	80.00 -11.74 -0.01	69.29 -9.83 -0.46	73.14 -10.18 -1.20	80.88 -10.58 -1.06	93.98 -11.98 -0.86	103.97 -12.62 -0.78	105.65 -13.98 12.29	110.48 -14.45 11.42	106.69 -15.41 23.30	106.51 -13.24 6.33	107.54 -13.41 9.25	91.92 -11.76 -0.53	91.61 -11.77 -1.01	84.26 -11.03 -1.02	86.03 -11.12 -1.32	84.01 -11.01 -0.93	73.08 -8.69 -3.50	80.99 -9.07 -1.96
BETHPAGE_CC_5 323564	111.46 10.14 -14.70	98.88 9.00 -3.36	97.03 8.80 -6.80	93.62 8.36 0.00	91.96 8.06 -2.46	90.44 8.67 0.00	102.42 10.64 -0.05	118.35 10.54 -29.14	131.17 11.41 -37.63	135.78 12.29 -33.09	145.70 14.08 -26.51	155.72 14.48 -25.42	158.68 14.64 -12.11	166.32 15.55 -14.41	177.37 16.58 -15.39	201.36 14.63 -60.65	213.00 15.36 -67.44	187.15 11.97 -72.03	165.50 12.39 -50.74	151.20 12.54 -44.39	148.44 13.13 -39.48	159.11 12.51 -52.51	143.09 10.25 -54.57	130.48 10.92 -31.45
BINGHAMTON___COGEN 23790	87.43 -0.95 -1.76	86.40 -1.21 -1.09	82.51 -1.14 -2.21	85.09 -0.17 0.00	81.88 -0.33 -0.77	81.61 -0.16 0.00	91.01 -0.73 -0.02	87.23 0.16 -8.41	93.18 0.66 -10.40	100.46 0.90 -9.16	113.74 1.05 -7.58	124.51 1.85 -6.84	135.43 2.11 -1.39	138.64 2.45 0.18	144.10 3.05 4.35	128.08 3.15 1.15	131.63 3.12 1.69	109.60 1.86 -4.59	113.19 1.84 -8.97	104.84 1.51 -9.06	108.99 1.63 -11.53	103.43 1.22 -8.11	86.04 0.39 -7.39	92.24 0.00 -4.14
BLACK RIVER___HYD 24047	85.93 -0.87 -0.17	85.76 -0.87 -0.11	80.35 -1.30 -0.22	84.58 -0.68 0.00	80.54 -0.98 -0.08	81.36 -0.41 0.00	91.82 0.09 0.00	80.87 1.34 -0.86	84.46 1.31 -1.03	93.11 1.81 -0.90	109.00 3.15 -0.75	119.39 2.90 -0.68	135.73 3.43 -0.37	139.56 3.00 -0.20	148.31 2.91 0.00	128.98 2.90 0.00	133.19 2.99 0.00	105.08 1.44 -0.48	105.47 2.15 -0.95	97.21 1.98 -0.96	99.16 2.11 -1.22	97.11 2.16 -0.86	79.30 0.31 -0.73	87.89 -0.41 0.00
BLISS_WT_PWR 323608	79.70 -7.80 -0.87	78.85 -8.22 -0.54	74.31 -8.23 -1.10	80.15 -5.12 0.00	76.39 -5.13 -0.09	77.52 -4.25 0.00	83.85 -7.89 -0.01	74.11 -5.43 -0.87	78.59 -5.17 -1.64	86.97 -4.88 -1.45	100.82 -5.47 -1.19	111.79 -5.10 -1.07	114.65 -5.67 11.61	120.19 -5.32 10.86	116.81 -6.25 22.34	115.22 -4.79 6.06	116.25 -5.08 8.86	98.30 -5.57 -0.72	97.83 -5.94 -1.39	90.11 -5.56 -1.41	92.56 -5.08 -1.80	90.00 -5.36 -1.27	77.56 -4.38 -3.68	84.70 -5.46 -2.06
BLUE_CIRC_CHEM_DRP 24182	97.04 3.64 -6.78	94.37 3.63 -4.22	93.30 3.34 -8.53	89.01 3.75 0.00	88.02 3.50 -3.09	85.45 3.68 0.00	95.37 3.58 -0.07	115.50 3.07 -33.77	128.03 3.28 -42.62	131.63 3.71 -37.52	140.49 4.31 -31.08	148.70 4.86 -28.02	152.78 5.41 -15.44	150.29 5.73 -8.20	151.51 6.11 0.00	131.12 5.04 0.00	135.40 5.21 0.00	126.47 4.33 -18.98	143.70 4.20 -37.13	135.64 3.87 -37.50	147.45 3.93 -47.69	131.52 3.86 -33.57	109.92 3.13 -28.53	107.61 3.52 -15.98
BOC_GAS_DRP 24189	96.76 3.29 -6.85	94.07 3.29 -4.26	93.23 3.18 -8.62	88.84 3.58 0.00	87.97 3.42 -3.12	85.13 3.35 0.00	95.37 3.58 -0.07	115.92 3.15 -34.11	128.46 3.28 -43.05	131.91 3.62 -37.89	140.70 4.20 -31.39	148.87 4.75 -28.30	152.94 5.41 -15.60	150.23 5.59 -8.28	151.22 5.82 0.00	131.00 4.92 0.00	135.27 5.08 0.00	126.56 4.23 -19.18	144.08 4.20 -37.51	136.01 3.87 -37.88	147.93 3.93 -48.17	131.76 3.76 -33.90	110.21 3.13 -28.81	107.68 3.44 -16.14
BORALEX_4TH_BRANCH 23824	100.76 7.28 -6.85	98.14 7.35 -4.27	96.74 6.68 -8.63	92.68 7.42 0.00	90.75 6.19 -3.12	89.22 7.44 0.00	99.32 7.52 -0.07	118.40 5.59 -34.15	130.72 5.50 -43.10	134.58 6.24 -37.94	144.10 7.57 -31.43	152.60 8.11 -28.68	156.67 9.10 -15.64	154.94 9.41 -9.17	156.28 9.16 -1.72	139.91 7.31 -6.51	145.39 7.94 -7.25	135.26 6.81 -25.30	149.06 6.86 -39.83	140.07 6.32 -39.49	150.77 6.71 -48.23	134.72 6.68 -33.95	112.59 5.48 -28.85	110.96 6.70 -16.16



BOWLINE___1 23526	99.08 7.19 -5.27	96.29 6.49 -3.28	94.26 6.19 -6.63	91.57 6.31 0.00	89.94 6.11 -2.40	88.23 6.46 0.00	99.39 7.61 -0.05	112.76 7.87 -26.23	124.10 8.95 -33.03	129.42 9.94 -29.07	140.43 11.25 -24.08	153.57 13.09 -24.67	158.36 14.64 -11.79	165.74 15.68 -13.70	176.59 16.87 -14.32	197.69 15.00 -56.61	208.63 15.49 -62.94	183.20 12.17 -67.87	162.95 11.98 -48.60	147.99 11.03 -42.69	143.70 10.92 -36.95	130.45 10.35 -26.00	108.58 8.14 -22.18	108.98 8.46 -12.42
BOWLINE___2 23595	99.09 7.19 -5.27	96.29 6.49 -3.28	94.34 6.27 -6.63	91.57 6.31 0.00	89.94 6.11 -2.40	88.23 6.46 0.00	99.39 7.61 -0.05	112.76 7.87 -26.23	124.10 8.95 -33.03	129.42 9.94 -29.07	140.43 11.25 -24.09	153.57 13.09 -24.67	158.36 14.64 -11.79	165.75 15.68 -13.70	176.59 16.87 -14.33	197.72 15.00 -56.63	208.65 15.49 -62.96	183.22 12.17 -67.89	162.96 11.98 -48.61	148.00 11.03 -42.70	143.80 11.02 -36.95	130.45 10.35 -26.01	108.58 8.14 -22.18	108.98 8.46 -12.42
BROOKHAVEN___DRP 24191	111.24 11.09 -13.52	99.57 9.69 -3.36	98.41 10.18 -6.80	94.90 9.63 0.00	93.18 9.28 -2.46	91.75 9.98 0.00	104.16 12.38 -0.05	119.16 11.88 -28.61	132.64 12.89 -37.63	137.59 14.10 -33.08	147.59 15.98 -26.51	157.69 16.45 -25.42	160.53 16.49 -12.11	167.54 16.77 -14.41	178.39 17.59 -15.39	202.36 15.63 -60.65	214.82 17.19 -67.44	188.59 13.41 -72.03	167.34 14.23 -50.74	152.90 14.23 -44.39	150.36 15.05 -39.48	160.80 14.21 -52.51	144.81 11.97 -54.57	132.29 12.95 -31.24
BROOKLYN_NAVY_YARD 23515	100.60 8.58 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.66 9.13 -32.86	126.24 10.26 -33.85	131.59 11.39 -29.80	142.71 12.93 -24.68	156.06 14.82 -25.42	160.26 16.23 -12.10	168.09 17.32 -14.41	178.97 18.17 -15.40	202.49 15.76 -60.65	214.04 16.40 -67.44	188.27 13.10 -72.02	166.31 13.21 -50.73	150.72 12.07 -44.39	145.78 12.08 -37.87	132.32 11.57 -26.66	114.72 9.47 -26.99	110.88 10.04 -12.73
BROOKLYN___ARMY_DRP 323595	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
BROOME___LFGE 323600	87.43 -0.95 -1.76	86.40 -1.21 -1.09	82.51 -1.14 -2.21	85.09 -0.17 0.00	81.88 -0.33 -0.77	81.61 -0.16 0.00	91.01 -0.73 -0.02	87.23 0.16 -8.41	93.18 0.66 -10.40	100.46 0.90 -9.16	113.74 1.05 -7.58	124.51 1.85 -6.84	135.43 2.11 -1.39	138.64 2.45 0.18	144.10 3.05 4.35	128.08 3.15 1.15	131.63 3.12 1.69	109.60 1.86 -4.59	113.19 1.84 -8.97	104.84 1.51 -9.06	108.99 1.63 -11.53	103.43 1.22 -8.11	86.04 0.39 -7.39	92.24 0.00 -4.14
BURROWS___LYONSDAL 23803	86.54 -0.09 0.00	86.52 0.00 0.00	81.11 -0.33 0.00	85.43 0.17 0.00	81.44 0.00 0.00	82.02 0.25 0.00	92.28 0.55 0.00	79.85 1.18 0.00	83.27 1.15 0.00	91.94 1.54 0.00	107.41 2.31 0.00	118.13 2.32 0.00	134.57 2.64 0.00	138.82 2.45 0.00	147.73 2.33 0.00	128.35 2.27 0.00	132.54 2.34 0.00	104.39 1.24 0.00	104.01 1.64 0.00	95.87 1.60 0.00	97.56 1.72 0.00	95.78 1.69 0.00	78.81 0.55 0.00	88.19 0.09 0.00
CALPINE_BETH_PAGE_GT4 24209	111.97 10.31 -15.04	98.97 9.08 -3.36	97.11 8.88 -6.80	93.70 8.44 0.00	92.04 8.14 -2.46	90.52 8.75 0.00	102.61 10.82 -0.05	118.74 10.78 -29.30	131.41 11.66 -37.63	136.06 12.57 -33.09	145.91 14.29 -26.51	155.83 14.59 -25.43	158.94 14.91 -12.11	166.45 15.68 -14.41	177.51 16.72 -15.39	201.48 14.75 -60.65	213.26 15.62 -67.44	187.35 12.17 -72.03	165.60 12.49 -50.74	151.30 12.63 -44.39	148.64 13.32 -39.48	159.30 12.70 -52.51	143.24 10.41 -54.57	130.72 11.10 -31.51
CALPINE_BETH_PAGE_GT_4 323586	111.97 10.31 -15.04	98.97 9.08 -3.36	97.11 8.88 -6.80	93.70 8.44 0.00	92.04 8.14 -2.46	90.52 8.75 0.00	102.61 10.82 -0.05	118.74 10.78 -29.30	131.41 11.66 -37.63	136.06 12.57 -33.09	145.91 14.29 -26.51	155.83 14.59 -25.43	158.94 14.91 -12.11	166.45 15.68 -14.41	177.51 16.72 -15.39	201.48 14.75 -60.65	213.26 15.62 -67.44	187.35 12.17 -72.03	165.60 12.49 -50.74	151.30 12.63 -44.39	148.64 13.32 -39.48	159.30 12.70 -52.51	143.24 10.41 -54.57	130.72 11.10 -31.51
CALPINE_BP_GT1 23823	111.97 10.31 -15.04	98.97 9.08 -3.36	97.11 8.88 -6.80	93.70 8.44 0.00	92.04 8.14 -2.46	90.52 8.75 0.00	102.61 10.82 -0.05	118.74 10.78 -29.30	131.41 11.66 -37.63	136.06 12.57 -33.09	145.91 14.29 -26.51	155.83 14.59 -25.43	158.94 14.91 -12.11	166.45 15.68 -14.41	177.51 16.72 -15.39	201.48 14.75 -60.65	213.26 15.62 -67.44	187.35 12.17 -72.03	165.60 12.49 -50.74	151.30 12.63 -44.39	148.64 13.32 -39.48	159.30 12.70 -52.51	143.24 10.41 -54.57	130.72 11.10 -31.51
CALSPAN___DRP 24200	76.28 -11.17 -0.83	75.53 -11.51 -0.52	71.41 -11.08 -1.05	77.25 -8.01 0.00	73.59 -7.90 -0.05	74.50 -7.28 0.00	80.00 -11.74 -0.01	69.29 -9.83 -0.46	73.14 -10.18 -1.20	80.88 -10.58 -1.06	93.98 -11.98 -0.86	103.97 -12.62 -0.78	105.65 -13.98 12.29	110.48 -14.45 11.42	106.69 -15.41 23.30	106.51 -13.24 6.33	107.54 -13.41 9.25	91.92 -11.76 -0.53	91.61 -11.77 -1.01	84.26 -11.03 -1.02	86.03 -11.12 -1.32	84.01 -11.01 -0.93	73.08 -8.69 -3.50	80.99 -9.07 -1.96
CARR STREET_E__SYR 24060	85.67 -1.39 -0.43	85.15 -1.64 -0.27	80.35 -1.63 -0.55	84.41 -0.85 0.00	80.66 -0.98 -0.20	81.04 -0.74 0.00	90.45 -1.28 0.00	80.20 -0.63 -2.17	84.42 -0.33 -2.63	92.62 -0.09 -2.31	107.23 0.21 -1.92	118.12 0.58 -1.73	133.54 0.66 -0.95	137.68 0.82 -0.51	146.42 1.02 0.00	126.96 0.88 0.00	131.11 0.91 0.00	104.58 0.21 -1.22	104.95 0.20 -2.38	96.77 0.09 -2.40	99.08 0.19 -3.05	96.24 0.00 -2.15	79.62 -0.47 -1.83	88.33 -0.79 -1.02
CARTHAGE___PAPER 23857	85.99 -0.78 -0.15	85.92 -0.69 -0.09	80.40 -1.22 -0.18	84.58 -0.68 0.00	80.53 -0.98 -0.07	81.28 -0.49 0.00	91.82 0.09 0.00	80.58 1.18 -0.73	84.04 1.07 -0.85	92.69 1.54 -0.75	108.35 2.63 -0.62	118.69 2.32 -0.56	135.01 2.77 -0.31	138.71 2.18 -0.16	147.43 2.04 0.00	128.22 2.14 0.00	132.41 2.21 0.00	104.49 0.93 -0.41	104.81 1.64 -0.80	96.68 1.60 -0.81	98.58 1.72 -1.03	96.60 1.79 -0.72	79.03 0.16 -0.61	87.83 -0.62 -0.34
CE_DUNWOOD___DRP 24194	99.90 7.88 -5.39	97.06 7.18 -3.36	95.06 6.84 -6.79	92.17 6.91 0.00	90.65 6.76 -2.45	88.89 7.11 0.00	100.13 8.35 -0.05	113.92 8.42 -26.84	125.44 9.53 -33.80	130.73 10.58 -29.75	141.73 11.98 -24.64	154.98 13.78 -25.38	159.32 15.30 -12.08	166.98 16.23 -14.39	178.09 17.30 -15.39	201.95 15.26 -60.62	213.35 15.75 -67.40	187.60 12.48 -71.96	165.43 12.39 -50.67	150.01 11.41 -44.33	145.04 11.40 -37.81	131.52 10.82 -26.61	109.64 8.69 -22.69	110.06 9.25 -12.71
CE_MILLWOOD___DRP 24193	99.54 7.54 -5.37	96.70 6.84 -3.35	94.80 6.60 -6.76	91.91 6.65 0.00	90.32 6.43 -2.45	88.64 6.87 0.00	99.76 7.98 -0.05	113.53 8.10 -26.75	125.01 9.20 -33.69	130.18 10.13 -29.66	141.23 11.56 -24.57	154.43 13.32 -25.30	158.75 14.78 -12.04	166.51 15.82 -14.33	177.57 16.87 -15.31	201.27 14.88 -60.31	212.61 15.36 -67.06	186.95 12.17 -71.63	164.93 12.08 -50.47	149.56 11.12 -44.16	144.55 11.02 -37.69	131.16 10.54 -26.53	109.26 8.37 -22.62	109.67 8.90 -12.67
CE_NYC2_DRP 24202	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.65 10.51 -70.02	163.78 11.66 -61.71	163.44 13.24 -45.09	163.45 15.17 -32.46	162.73 16.76 -14.05	168.50 17.73 -14.41	179.41 18.61 -15.40	202.87 16.14 -60.65	214.30 16.66 -67.44	188.48 13.31 -72.02	171.10 13.51 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40



CE_NYC_DRP 24195	100.69 8.66 -5.40	97.76 7.87 -3.36	95.72 7.49 -6.80	92.85 7.59 0.00	91.30 7.41 -2.46	89.71 7.93 0.00	100.95 9.17 -0.05	120.78 9.28 -32.83	126.48 10.51 -33.85	131.86 11.66 -29.80	142.92 13.14 -24.68	156.29 15.06 -25.42	160.66 16.62 -12.10	168.50 17.73 -14.41	179.55 18.76 -15.40	203.00 16.26 -60.65	214.43 16.80 -67.44	188.58 13.41 -72.02	166.51 13.41 -50.73	150.91 12.26 -44.39	145.97 12.27 -37.87	132.51 11.76 -26.66	114.77 9.55 -26.96	110.97 10.13 -12.73
CHAFFEE___LFGE 323603	77.86 -9.62 -0.85	77.02 -10.04 -0.53	72.74 -9.77 -1.07	78.53 -6.74 0.00	74.83 -6.68 -0.07	75.80 -5.97 0.00	81.65 -10.09 -0.01	71.46 -7.87 -0.66	75.57 -7.97 -1.41	83.69 -7.96 -1.25	97.08 -9.04 -1.02	107.47 -9.27 -0.92	109.67 -10.29 11.96	114.85 -10.36 11.15	111.22 -11.34 22.83	110.42 -9.46 6.20	111.37 -9.76 9.06	94.70 -9.08 -0.62	94.35 -9.21 -1.20	86.90 -8.58 -1.21	88.95 -8.43 -1.55	86.72 -8.47 -1.09	75.12 -6.73 -3.59	82.62 -7.49 -2.01
CHAT_HIGH_FALL_HYD 323578	83.42 -3.21 0.00	83.67 -2.86 0.00	78.67 -2.77 0.00	80.83 -4.43 0.00	77.37 -4.07 0.00	77.44 -4.33 0.00	88.98 -2.75 0.00	75.60 -3.07 0.00	78.34 -3.78 0.00	86.15 -4.25 0.00	99.95 -5.15 0.00	109.21 -6.60 0.00	108.63 -7.52 15.78	113.74 -8.18 14.44	107.50 -9.01 28.88	110.29 -7.94 7.85	110.65 -8.07 11.47	97.17 -5.98 0.00	96.74 -5.63 0.00	89.27 -5.00 0.00	90.47 -5.37 0.00	89.20 -4.89 0.00	74.35 -3.91 0.00	84.31 -3.79 0.00
CH_MIDHUDSON___DRP 24192	99.80 7.45 -5.73	97.01 6.92 -3.57	95.24 6.60 -7.21	92.00 6.74 0.00	90.56 6.51 -2.61	88.64 6.87 0.00	99.77 7.98 -0.06	115.13 7.95 -28.52	126.91 8.87 -35.92	131.87 9.85 -31.61	142.54 11.25 -26.19	154.67 12.86 -26.00	159.26 14.51 -12.82	164.57 15.41 -12.80	173.46 16.58 -11.48	186.30 14.50 -45.73	196.13 15.10 -50.83	173.98 11.86 -58.96	161.46 11.77 -47.31	147.73 10.84 -42.62	146.75 10.73 -40.18	132.63 10.26 -28.28	110.59 8.22 -24.11	110.42 8.81 -13.50
CH_MISC_IPPS 23765	98.90 6.76 -5.51	96.10 6.14 -3.43	94.24 5.86 -6.94	91.14 5.88 0.00	89.65 5.70 -2.51	87.82 6.05 0.00	98.94 7.15 -0.05	113.35 7.24 -27.45	124.90 8.21 -34.57	130.05 9.22 -30.43	140.82 10.51 -25.21	152.94 11.93 -25.19	157.71 13.46 -12.32	163.55 14.45 -12.74	172.97 15.70 -11.87	187.08 13.74 -47.26	197.05 14.32 -52.53	174.09 11.14 -59.80	160.00 10.95 -46.67	146.34 10.28 -41.80	144.66 10.16 -38.67	131.00 9.69 -27.22	109.14 7.67 -23.21	109.29 8.19 -13.00
CH_RES_BVR_FALLS 23983	85.74 -0.61 0.27	85.83 -0.52 0.17	80.60 -0.49 0.35	84.32 -0.94 0.00	80.50 -0.81 0.13	80.87 -0.90 0.00	91.18 -0.55 0.00	76.59 -0.71 1.37	79.47 -0.90 1.74	87.87 -0.99 1.53	102.57 -1.26 1.27	113.16 -1.51 1.15	129.58 -1.72 0.63	134.12 -1.91 0.34	143.36 -2.04 0.00	124.31 -1.77 0.00	128.37 -1.82 0.00	101.04 -1.34 0.77	99.54 -1.33 1.51	91.52 -1.23 1.52	92.65 -1.25 1.93	91.60 -1.13 1.36	76.32 -0.78 1.16	86.66 -0.79 0.65
CH_RES_NIAGARA 23895	75.00 -12.39 -0.76	74.28 -12.72 -0.48	70.18 -12.22 -0.96	76.48 -8.78 0.00	72.64 -8.80 0.00	73.60 -8.18 0.00	78.62 -13.12 -0.01	66.92 -11.64 0.10	70.07 -12.40 -0.35	77.61 -13.11 -0.31	90.53 -14.82 -0.25	99.94 -16.10 -0.22	100.29 -17.81 13.83	104.97 -18.68 12.71	99.65 -20.21 25.54	101.49 -17.65 6.94	102.21 -17.84 10.15	88.35 -14.96 -0.16	87.82 -14.84 -0.29	80.70 -13.86 -0.29	82.23 -13.99 -0.39	80.72 -13.64 -0.27	70.99 -10.49 -3.21	79.50 -10.40 -1.80
CH_RES_SYRACUSE 23985	85.83 -1.30 -0.50	85.36 -1.47 -0.31	80.60 -1.47 -0.63	84.58 -0.68 0.00	80.94 -0.73 -0.23	81.12 -0.65 0.00	90.63 -1.10 0.00	80.66 -0.55 -2.54	84.89 -0.33 -3.10	92.95 -0.18 -2.73	107.57 0.21 -2.26	118.32 0.46 -2.04	133.71 0.66 -1.12	137.64 0.68 -0.60	146.27 0.87 0.00	126.84 0.76 0.00	130.98 0.78 0.00	104.65 0.10 -1.40	105.21 0.10 -2.73	97.22 0.19 -2.76	99.73 0.38 -3.51	96.94 0.38 -2.47	80.21 -0.16 -2.10	88.84 -0.44 -1.18
CLINTON_WT_PWR 323605	83.42 -3.21 0.00	83.67 -2.86 0.00	78.67 -2.77 0.00	80.91 -4.35 0.00	77.45 -3.99 0.00	77.52 -4.25 0.00	88.98 -2.75 0.00	75.76 -2.91 0.00	78.51 -3.61 0.00	86.33 -4.07 0.00	100.16 -4.94 0.00	109.56 -6.25 0.00	109.03 -7.12 15.78	114.15 -7.77 14.44	107.94 -8.58 28.88	110.67 -7.56 7.85	111.04 -7.68 11.47	97.38 -5.78 0.00	96.95 -5.43 0.00	89.46 -4.81 0.00	90.66 -5.18 0.00	89.39 -4.70 0.00	74.43 -3.83 0.00	84.40 -3.70 0.00
COLONIE_LFGE___ 323577	100.27 6.76 -6.89	97.47 6.66 -4.29	95.89 5.78 -8.67	91.83 6.57 0.00	90.60 6.03 -3.14	88.56 6.79 0.00	98.77 6.97 -0.07	118.11 5.11 -34.32	130.54 5.09 -43.33	134.32 5.79 -38.13	143.95 7.25 -31.59	152.36 7.88 -28.67	156.61 8.97 -15.71	154.60 9.41 -8.83	156.10 9.74 -0.96	137.53 7.82 -3.63	142.31 8.07 -4.04	132.97 7.12 -22.70	148.14 6.76 -39.01	139.29 6.03 -38.99	150.83 6.52 -48.48	134.70 6.49 -34.12	112.58 5.32 -29.00	110.42 6.08 -16.24
CORNELL_____ 23752	85.82 -1.73 -0.93	84.94 -2.16 -0.58	80.16 -2.44 -1.17	84.41 -0.85 0.00	80.79 -1.06 -0.41	81.28 -0.49 0.00	90.73 -1.01 -0.01	83.42 0.24 -4.51	88.62 0.16 -6.34	96.79 0.81 -5.58	111.82 2.10 -4.62	122.76 2.78 -4.16	134.98 3.30 0.25	138.80 3.55 1.11	145.11 4.36 4.65	129.78 4.66 0.96	133.48 4.69 1.40	107.85 2.37 -2.32	109.47 2.56 -4.54	101.02 2.17 -4.59	104.06 2.40 -5.84	100.27 2.07 -4.11	82.40 0.23 -3.90	89.76 -0.53 -2.19
COXSACKIE___GT 23611	100.84 8.14 -6.07	98.00 7.70 -3.78	96.24 7.17 -7.64	92.68 7.42 0.00	91.45 7.25 -2.76	89.38 7.60 0.00	100.59 8.81 -0.06	117.08 8.18 -30.23	129.23 9.03 -38.08	134.14 10.22 -33.52	144.96 12.09 -27.77	155.61 13.67 -26.12	161.29 15.83 -13.53	162.98 16.77 -9.85	168.63 18.32 -4.91	162.45 15.63 -20.74	169.63 16.40 -23.03	152.57 12.89 -36.52	155.33 12.49 -40.47	144.28 11.50 -38.51	150.02 11.60 -42.60	135.18 11.10 -29.98	112.58 8.77 -25.55	111.75 9.34 -14.31
CRESCENT___HYD 24018	100.27 6.76 -6.89	97.47 6.66 -4.29	95.89 5.78 -8.67	91.83 6.57 0.00	90.60 6.03 -3.14	88.56 6.79 0.00	98.77 6.97 -0.07	118.11 5.11 -34.32	130.54 5.09 -43.33	134.32 5.79 -38.13	143.95 7.25 -31.59	152.36 7.88 -28.67	156.61 8.97 -15.71	154.60 9.41 -8.83	156.10 9.74 -0.96	137.53 7.82 -3.63	142.31 8.07 -4.04	132.97 7.12 -22.70	148.14 6.76 -39.01	139.29 6.03 -38.99	150.83 6.52 -48.48	134.70 6.49 -34.12	112.58 5.32 -29.00	110.42 6.08 -16.24
CRUCIBLE_METL_DRP 24180	85.83 -1.30 -0.50	85.36 -1.47 -0.31	80.60 -1.47 -0.63	84.58 -0.68 0.00	80.94 -0.73 -0.23	81.12 -0.65 0.00	90.63 -1.10 0.00	80.66 -0.55 -2.54	84.89 -0.33 -3.10	92.95 -0.18 -2.73	107.57 0.21 -2.26	118.32 0.46 -2.04	133.71 0.66 -1.12	137.64 0.68 -0.60	146.27 0.87 0.00	126.84 0.76 0.00	130.98 0.78 0.00	104.65 0.10 -1.40	105.21 0.10 -2.73	97.22 0.19 -2.76	99.73 0.38 -3.51	96.94 0.38 -2.47	80.21 -0.16 -2.10	88.84 -0.44 -1.18
DANSKAMMER___1 23586	98.90 6.76 -5.51	96.10 6.14 -3.43	94.24 5.86 -6.94	91.14 5.88 0.00	89.65 5.70 -2.51	87.82 6.05 0.00	98.94 7.15 -0.05	113.35 7.24 -27.45	124.90 8.21 -34.57	130.05 9.22 -30.43	140.82 10.51 -25.21	152.94 11.93 -25.19	157.71 13.46 -12.32	163.55 14.45 -12.74	172.97 15.70 -11.87	187.08 13.74 -47.26	197.05 14.32 -52.53	174.09 11.14 -59.80	160.00 10.95 -46.67	146.34 10.28 -41.80	144.66 10.16 -38.67	131.00 9.69 -27.22	109.14 7.67 -23.21	109.29 8.19 -13.00
DANSKAMMER___2 23589	98.90 6.76 -5.51	96.10 6.14 -3.43	94.24 5.86 -6.94	91.14 5.88 0.00	89.65 5.70 -2.51	87.82 6.05 0.00	98.94 7.15 -0.05	113.35 7.24 -27.45	124.90 8.21 -34.57	130.05 9.22 -30.43	140.82 10.51 -25.21	152.94 11.93 -25.19	157.71 13.46 -12.32	163.55 14.45 -12.74	172.97 15.70 -11.87	187.08 13.74 -47.26	197.05 14.32 -52.53	174.09 11.14 -59.80	160.00 10.95 -46.67	146.34 10.28 -41.80	144.66 10.16 -38.67	131.00 9.69 -27.22	109.14 7.67 -23.21	109.29 8.19 -13.00



DANSKAMMER___3 23590	98.90 6.76 -5.51	96.10 6.14 -3.43	94.24 5.86 -6.94	91.14 5.88 0.00	89.65 5.70 -2.51	87.82 6.05 0.00	98.94 7.15 -0.05	113.35 7.24 -27.45	124.90 8.21 -34.57	130.05 9.22 -30.43	140.82 10.51 -25.21	152.94 11.93 -25.19	157.71 13.46 -12.32	163.55 14.45 -12.74	172.97 15.70 -11.87	187.08 13.74 -47.26	197.05 14.32 -52.53	174.09 11.14 -59.80	160.00 10.95 -46.67	146.34 10.28 -41.80	144.66 10.16 -38.67	131.00 9.69 -27.22	109.14 7.67 -23.21	109.29 8.19 -13.00
DANSKAMMER___4 23591	98.90 6.76 -5.51	96.10 6.14 -3.43	94.24 5.86 -6.94	91.14 5.88 0.00	89.65 5.70 -2.51	87.82 6.05 0.00	98.94 7.15 -0.05	113.35 7.24 -27.45	124.90 8.21 -34.57	130.05 9.22 -30.43	140.82 10.51 -25.21	152.94 11.93 -25.19	157.71 13.46 -12.32	163.55 14.45 -12.74	172.97 15.70 -11.87	187.08 13.74 -47.26	197.05 14.32 -52.53	174.09 11.14 -59.80	160.00 10.95 -46.67	146.34 10.28 -41.80	144.66 10.16 -38.67	131.00 9.69 -27.22	109.14 7.67 -23.21	109.29 8.19 -13.00
DANSKAMMER___DIESEL 23592	98.90 6.76 -5.51	96.10 6.14 -3.43	94.24 5.86 -6.94	91.14 5.88 0.00	89.65 5.70 -2.51	87.82 6.05 0.00	98.94 7.15 -0.05	113.35 7.24 -27.45	124.90 8.21 -34.57	130.05 9.22 -30.43	140.82 10.51 -25.21	152.94 11.93 -25.19	157.71 13.46 -12.32	163.55 14.45 -12.74	172.97 15.70 -11.87	187.08 13.74 -47.26	197.05 14.32 -52.53	174.09 11.14 -59.80	160.00 10.95 -46.67	146.34 10.28 -41.80	144.66 10.16 -38.67	131.00 9.69 -27.22	109.14 7.67 -23.21	109.29 8.19 -13.00
DASHVILLE___HYD 23610	99.53 7.36 -5.55	96.64 6.66 -3.45	94.77 6.35 -6.98	91.66 6.39 0.00	90.15 6.19 -2.52	88.32 6.54 0.00	99.67 7.89 -0.06	114.38 8.10 -27.61	125.79 8.87 -34.80	130.70 9.67 -30.63	141.51 11.04 -25.38	153.02 12.74 -24.46	158.53 14.25 -12.35	162.12 15.27 -10.49	169.65 16.87 -7.38	171.63 15.26 -30.29	179.60 15.75 -33.65	159.43 12.28 -44.00	155.38 12.08 -40.93	143.38 11.22 -37.90	145.84 11.12 -38.89	132.01 10.54 -27.38	110.06 8.45 -23.34	110.16 8.99 -13.08
DOGLEVILLE___HYD 23807	90.91 4.42 0.13	90.85 4.41 0.08	85.42 4.15 0.17	89.95 4.69 0.00	85.77 4.40 0.06	86.19 4.42 0.00	96.59 4.86 0.00	82.56 4.56 0.67	86.16 4.93 0.89	95.13 5.51 0.78	110.86 6.41 0.65	122.41 7.18 0.59	139.65 8.05 0.32	144.51 8.32 0.17	154.27 8.87 0.00	133.90 7.82 0.00	138.27 8.07 0.00	109.07 6.29 0.37	107.99 6.35 0.73	99.37 5.84 0.74	100.83 5.94 0.94	99.07 5.65 0.66	82.00 4.30 0.56	92.46 4.67 0.32
DUNKIRK___1 23563	75.16 -12.39 -0.92	74.46 -12.63 -0.57	70.55 -12.05 -1.16	75.54 -9.72 0.00	72.12 -9.45 -0.13	72.86 -8.91 0.00	78.99 -12.75 -0.01	70.09 -9.91 -1.33	74.39 -9.85 -2.12	81.87 -10.40 -1.87	94.55 -12.09 -1.54	104.93 -12.28 -1.39	107.29 -13.72 10.92	112.43 -13.64 10.29	109.61 -14.39 21.39	108.67 -11.60 5.81	109.73 -11.98 8.48	93.25 -10.83 -0.93	93.12 -11.06 -1.80	85.63 -10.46 -1.82	87.72 -10.45 -2.33	84.91 -10.82 -1.64	72.91 -9.23 -3.89	79.62 -10.66 -2.18
DUNKIRK___2 23564	75.16 -12.39 -0.92	74.46 -12.63 -0.57	70.55 -12.05 -1.16	75.54 -9.72 0.00	72.12 -9.45 -0.13	72.86 -8.91 0.00	78.99 -12.75 -0.01	70.09 -9.91 -1.33	74.39 -9.85 -2.12	81.87 -10.40 -1.87	94.55 -12.09 -1.54	104.93 -12.28 -1.39	107.29 -13.72 10.92	112.43 -13.64 10.29	109.61 -14.39 21.39	108.67 -11.60 5.81	109.73 -11.98 8.48	93.25 -10.83 -0.93	93.12 -11.06 -1.80	85.63 -10.46 -1.82	87.72 -10.45 -2.33	84.91 -10.82 -1.64	72.91 -9.23 -3.89	79.62 -10.66 -2.18
DUNKIRK___3 23565	75.76 -11.78 -0.92	74.98 -12.11 -0.57	71.03 -11.56 -1.15	76.14 -9.12 0.00	72.68 -8.88 -0.12	73.43 -8.34 0.00	79.54 -12.20 -0.01	70.42 -9.52 -1.27	74.64 -9.53 -2.04	82.17 -10.03 -1.80	94.92 -11.67 -1.48	105.45 -11.70 -1.33	107.67 -13.19 11.07	112.71 -13.23 10.42	109.97 -13.81 21.62	109.12 -11.09 5.87	110.03 -11.59 8.57	93.63 -10.42 -0.90	93.56 -10.54 -1.74	86.03 -9.99 -1.75	88.11 -9.97 -2.24	85.32 -10.35 -1.58	73.36 -8.77 -3.86	80.31 -9.96 -2.16
DUNKIRK___4 23566	75.76 -11.78 -0.92	74.98 -12.11 -0.57	71.03 -11.56 -1.15	76.14 -9.12 0.00	72.68 -8.88 -0.12	73.43 -8.34 0.00	79.54 -12.20 -0.01	70.42 -9.52 -1.27	74.64 -9.53 -2.04	82.17 -10.03 -1.80	94.92 -11.67 -1.48	105.45 -11.70 -1.33	107.67 -13.19 11.07	112.71 -13.23 10.42	109.97 -13.81 21.62	109.12 -11.09 5.87	110.03 -11.59 8.57	93.63 -10.42 -0.90	93.56 -10.54 -1.74	86.03 -9.99 -1.75	88.11 -9.97 -2.24	85.32 -10.35 -1.58	73.36 -8.77 -3.86	80.31 -9.96 -2.16
EAST HAMPTON___GT 23717	118.00 17.84 -13.53	105.89 16.01 -3.36	104.28 16.04 -6.80	100.86 15.60 0.00	98.88 14.98 -2.46	97.47 15.70 0.00	110.59 18.80 -0.05	125.53 18.25 -28.61	140.61 20.86 -37.63	147.44 23.96 -33.08	159.78 28.17 -26.51	172.05 30.81 -25.42	177.15 33.11 -12.11	185.27 34.50 -14.41	197.72 36.93 -15.39	219.51 32.78 -60.65	232.66 35.02 -67.44	202.41 27.23 -72.03	180.45 27.33 -50.74	164.21 25.55 -44.39	161.48 26.16 -39.48	171.25 24.65 -52.51	152.71 19.88 -54.57	140.13 20.79 -31.24
EAST RIVER___6 23660	100.60 8.58 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.22 7.33 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	120.80 9.28 -32.85	126.40 10.43 -33.85	131.77 11.57 -29.80	142.92 13.14 -24.68	156.29 15.06 -25.42	160.66 16.62 -12.10	168.50 17.73 -14.41	179.41 18.61 -15.40	202.87 16.14 -60.65	214.30 16.66 -67.44	188.48 13.31 -72.02	166.41 13.31 -50.73	150.91 12.26 -44.39	145.87 12.17 -37.87	132.51 11.76 -26.66	114.78 9.55 -26.97	110.97 10.13 -12.73
EAST RIVER___7 23524	100.60 8.58 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.22 7.33 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	120.80 9.28 -32.85	126.40 10.43 -33.85	131.77 11.57 -29.80	142.92 13.14 -24.68	156.29 15.06 -25.42	160.66 16.62 -12.10	168.50 17.73 -14.41	179.41 18.61 -15.40	202.87 16.14 -60.65	214.30 16.66 -67.44	188.48 13.31 -72.02	166.41 13.31 -50.73	150.91 12.26 -44.39	145.87 12.17 -37.87	132.51 11.76 -26.66	114.78 9.55 -26.97	110.97 10.13 -12.73
EAST_HAMPTON___DIESEL 23722	118.00 17.84 -13.53	105.89 16.01 -3.36	104.28 16.04 -6.80	100.86 15.60 0.00	98.88 14.98 -2.46	97.47 15.70 0.00	110.59 18.80 -0.05	125.53 18.25 -28.61	140.61 20.86 -37.63	147.44 23.96 -33.08	159.78 28.17 -26.51	172.05 30.81 -25.42	177.15 33.11 -12.11	185.27 34.50 -14.41	197.72 36.93 -15.39	219.51 32.78 -60.65	232.66 35.02 -67.44	202.41 27.23 -72.03	180.45 27.33 -50.74	164.21 25.55 -44.39	161.48 26.16 -39.48	171.25 24.65 -52.51	152.71 19.88 -54.57	140.13 20.79 -31.24
EAST_RIVER___1 323558	100.69 8.66 -5.40	97.76 7.87 -3.36	95.72 7.49 -6.80	92.85 7.59 0.00	91.30 7.41 -2.46	89.71 7.93 0.00	100.95 9.17 -0.05	120.78 9.28 -32.83	126.48 10.51 -33.85	131.86 11.66 -29.80	142.92 13.14 -24.68	156.29 15.06 -25.42	160.66 16.62 -12.10	168.50 17.73 -14.41	179.55 18.76 -15.40	203.00 16.26 -60.65	214.43 16.80 -67.44	188.58 13.41 -72.02	166.51 13.41 -50.73	150.91 12.26 -44.39	145.97 12.27 -37.87	132.51 11.76 -26.66	114.77 9.55 -26.96	110.97 10.13 -12.73
EAST_RIVER___2 323559	100.60 8.58 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.22 7.33 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	120.80 9.28 -32.85	126.40 10.43 -33.85	131.77 11.57 -29.80	142.92 13.14 -24.68	156.29 15.06 -25.42	160.66 16.62 -12.10	168.50 17.73 -14.41	179.41 18.61 -15.40	202.87 16.14 -60.65	214.30 16.66 -67.44	188.48 13.31 -72.02	166.41 13.31 -50.73	150.91 12.26 -44.39	145.87 12.17 -37.87	132.51 11.76 -26.66	114.78 9.55 -26.97	110.97 10.13 -12.73
EAST___DELAWARE_HYD 23607	98.32 7.02 -4.67	96.01 6.58 -2.91	93.67 6.35 -5.88	91.83 6.57 0.00	89.83 6.27 -2.13	88.15 6.38 0.00	99.20 7.43 -0.05	109.32 7.39 -23.25	120.27 8.62 -29.53	125.97 9.58 -25.99	137.77 11.14 -21.53	149.77 12.86 -21.10	156.99 14.64 -10.41	161.48 15.41 -9.71	170.11 16.87 -7.84	173.23 14.75 -32.40	181.03 14.84 -35.99	158.05 11.35 -43.55	150.51 11.26 -36.88	138.27 10.46 -33.54	139.22 10.64 -32.75	127.21 10.07 -23.05	105.76 7.83 -19.67	107.49 8.37 -11.02



ELEC_TRO_TEK 24086	110.85 8.84 -15.39	97.76 7.87 -3.36	95.97 7.74 -6.80	92.59 7.33 0.00	90.98 7.09 -2.46	89.38 7.60 0.00	101.23 9.45 -0.05	117.72 9.60 -29.45	130.10 10.35 -37.63	134.88 11.39 -33.09	144.75 13.14 -26.51	155.25 14.01 -25.43	158.42 14.38 -12.11	166.04 15.27 -14.41	177.08 16.28 -15.40	201.11 14.37 -60.65	212.61 14.97 -67.44	186.94 11.76 -72.03	165.19 12.08 -50.74	150.64 11.97 -44.39	147.58 12.27 -39.48	158.26 11.67 -52.51	142.30 9.47 -54.57	129.81 10.13 -31.58
ELLENBURG_WT_PWR 323604	83.42 -3.21 0.00	83.67 -2.86 0.00	78.67 -2.77 0.00	80.91 -4.35 0.00	77.45 -3.99 0.00	77.52 -4.25 0.00	88.98 -2.75 0.00	75.76 -2.91 0.00	78.51 -3.61 0.00	86.33 -4.07 0.00	100.16 -4.94 0.00	109.56 -6.25 0.00	109.03 -7.12 15.78	114.15 -7.77 14.44	107.94 -8.58 28.88	110.67 -7.56 7.85	111.04 -7.68 11.47	97.38 -5.78 0.00	96.95 -5.43 0.00	89.46 -4.81 0.00	90.66 -5.18 0.00	89.39 -4.70 0.00	74.43 -3.83 0.00	84.40 -3.70 0.00
E_CANADA_CAP_HY 24051	98.93 3.64 -8.67	95.21 3.29 -5.40	94.71 2.36 -10.91	88.33 3.07 0.00	88.23 2.85 -3.95	85.37 3.60 0.00	95.85 4.04 -0.09	124.85 2.99 -43.19	140.13 3.61 -54.40	142.44 4.16 -47.88	149.50 4.73 -39.67	156.91 5.33 -35.76	158.41 7.26 -19.23	154.02 7.64 -10.03	152.37 7.85 0.88	132.66 6.81 0.23	136.76 6.90 0.34	133.15 5.78 -24.22	154.77 5.02 -47.38	146.36 4.24 -47.85	161.57 4.89 -60.83	141.72 4.80 -42.83	117.89 3.13 -36.50	111.37 2.82 -20.44
E_CANADA_MHWK_HY 24050	90.91 4.42 0.13	90.85 4.41 0.08	85.42 4.15 0.17	89.95 4.69 0.00	85.77 4.40 0.06	86.19 4.42 0.00	96.59 4.86 0.00	82.56 4.56 0.67	86.16 4.93 0.89	95.13 5.51 0.78	110.86 6.41 0.65	122.41 7.18 0.59	139.65 8.05 0.32	144.51 8.32 0.17	154.27 8.87 0.00	133.90 7.82 0.00	138.27 8.07 0.00	109.07 6.29 0.37	107.99 6.35 0.73	99.37 5.84 0.74	100.83 5.94 0.94	99.07 5.65 0.66	82.00 4.30 0.56	92.46 4.67 0.32
E_FISHKILL___LBMP 23776	99.22 7.10 -5.49	96.43 6.49 -3.42	94.61 6.27 -6.90	91.66 6.39 0.00	90.12 6.19 -2.50	88.32 6.54 0.00	99.30 7.52 -0.05	113.45 7.47 -27.31	124.89 8.38 -34.39	129.99 9.31 -30.27	140.80 10.62 -25.08	153.78 12.16 -25.80	157.69 13.46 -12.31	165.25 14.32 -14.57	176.18 15.27 -15.52	200.52 13.36 -61.08	211.90 13.80 -67.91	186.74 10.93 -72.66	164.68 10.95 -51.35	149.32 10.09 -44.97	144.37 10.06 -38.48	130.77 9.60 -27.08	109.02 7.67 -23.09	109.23 8.19 -12.94
FAR ROCKAWAY___4 23548	127.14 10.66 -29.86	99.58 9.69 -3.37	97.60 9.37 -6.80	94.31 9.04 -0.01	92.61 8.71 -2.46	91.02 9.24 -0.01	103.07 11.28 -0.06	125.91 11.25 -35.99	132.24 12.48 -37.64	137.47 13.92 -33.14	147.91 16.29 -26.52	157.46 16.21 -25.43	161.19 17.15 -12.11	168.78 18.00 -14.42	180.43 19.63 -15.40	204.01 17.27 -60.66	215.74 18.10 -67.44	189.42 14.24 -72.03	167.55 14.43 -50.74	152.62 13.95 -44.39	150.75 15.43 -39.49	161.28 14.68 -52.51	144.58 11.74 -54.58	135.02 12.69 -34.23
FARRAGUT___LBMP 323566	100.60 8.58 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.86 9.08 -0.05	120.74 9.20 -32.86	126.24 10.26 -33.85	131.59 11.39 -29.80	142.71 12.93 -24.68	156.06 14.82 -25.42	160.39 16.36 -12.10	168.23 17.45 -14.41	179.12 18.32 -15.40	202.62 15.89 -60.65	214.04 16.40 -67.44	188.27 13.10 -72.02	166.31 13.21 -50.73	150.72 12.07 -44.39	145.78 12.08 -37.87	132.32 11.57 -26.66	114.72 9.47 -26.99	110.88 10.04 -12.73
FENNER___WINDPWR 24204	87.31 0.43 -0.25	86.94 0.26 -0.16	81.75 0.00 -0.32	86.20 0.94 0.00	82.20 0.65 -0.11	82.76 0.98 0.00	92.83 1.10 0.00	81.58 1.65 -1.26	85.44 2.38 -0.94	94.12 2.89 -0.82	109.67 3.89 -0.68	120.83 4.40 -0.62	137.41 5.15 -0.34	141.86 5.32 -0.18	151.07 5.67 0.00	130.87 4.79 0.00	135.01 4.82 0.00	106.95 3.09 -0.71	106.93 3.17 -1.38	98.59 2.92 -1.39	100.67 3.07 -1.77	98.26 2.92 -1.25	80.73 1.41 -1.06	89.75 1.06 -0.59
FIBERTEK___ENERGY 23856	85.83 -1.30 -0.50	85.36 -1.47 -0.31	80.60 -1.47 -0.63	84.58 -0.68 0.00	80.94 -0.73 -0.23	81.12 -0.65 0.00	90.63 -1.10 0.00	80.66 -0.55 -2.54	84.89 -0.33 -3.10	92.95 -0.18 -2.73	107.57 0.21 -2.26	118.32 0.46 -2.04	133.71 0.66 -1.12	137.64 0.68 -0.60	146.27 0.87 0.00	126.84 0.76 0.00	130.98 0.78 0.00	104.65 0.10 -1.40	105.21 0.10 -2.73	97.22 0.19 -2.76	99.73 0.38 -3.51	96.94 0.38 -2.47	80.21 -0.16 -2.10	88.84 -0.44 -1.18
FITZPATRICK____ 23598	84.26 -2.69 -0.32	83.95 -2.77 -0.20	79.15 -2.69 -0.40	83.04 -2.22 0.00	79.38 -2.20 -0.15	79.73 -2.04 0.00	88.98 -2.75 0.00	78.13 -2.12 -1.59	81.99 -2.14 -2.01	90.00 -2.17 -1.77	104.25 -2.31 -1.46	114.70 -2.43 -1.32	129.89 -2.77 -0.73	133.88 -2.86 -0.39	142.49 -2.91 0.00	123.56 -2.52 0.00	127.59 -2.60 0.00	101.78 -2.27 -0.89	101.76 -2.35 -1.74	93.86 -2.17 -1.76	95.87 -2.20 -2.24	93.50 -2.16 -1.58	77.57 -2.03 -1.34	86.56 -2.29 -0.75
FORT ORANGE____ 23900	97.95 4.59 -6.73	95.21 4.50 -4.19	93.90 3.99 -8.47	89.78 4.52 0.00	88.90 4.40 -3.07	86.43 4.66 0.00	96.66 4.86 -0.07	116.14 3.93 -33.54	127.99 3.53 -42.34	131.73 4.07 -37.26	141.02 5.04 -30.87	149.56 5.56 -28.18	153.62 6.33 -15.36	152.09 6.68 -9.05	154.14 6.98 -1.76	138.42 5.67 -6.67	143.48 5.86 -7.42	133.31 5.05 -25.10	146.29 4.71 -39.21	137.36 4.24 -38.85	147.61 4.41 -47.37	131.76 4.33 -33.34	110.67 4.07 -28.33	108.55 4.58 -15.87
FORT_DRUM_COGEN 23780	85.67 -1.13 -0.17	85.59 -1.04 -0.10	80.10 -1.55 -0.21	84.41 -0.85 0.00	80.29 -1.22 -0.08	81.12 -0.65 0.00	91.55 -0.18 0.00	80.60 1.10 -0.83	84.17 1.07 -0.98	92.71 1.45 -0.86	108.66 2.84 -0.72	119.01 2.55 -0.65	135.32 3.03 -0.36	139.00 2.45 -0.19	147.87 2.47 0.00	128.60 2.52 0.00	132.67 2.47 0.00	104.65 1.03 -0.47	105.02 1.74 -0.91	96.89 1.70 -0.92	98.82 1.82 -1.17	96.80 1.88 -0.82	79.04 0.08 -0.70	87.61 -0.88 -0.39
FPL_FAR_ROCK_GT1 24212	127.14 10.66 -29.86	99.58 9.69 -3.37	97.60 9.37 -6.80	94.31 9.04 -0.01	92.61 8.71 -2.46	91.02 9.24 -0.01	103.07 11.28 -0.06	125.91 11.25 -35.99	132.24 12.48 -37.64	137.47 13.92 -33.14	147.91 16.29 -26.52	157.46 16.21 -25.43	161.19 17.15 -12.11	168.78 18.00 -14.42	180.43 19.63 -15.40	204.01 17.27 -60.66	215.74 18.10 -67.44	189.42 14.24 -72.03	167.55 14.43 -50.74	152.62 13.95 -44.39	150.75 15.43 -39.49	161.28 14.68 -52.51	144.58 11.74 -54.58	135.02 12.69 -34.23
FPL_FAR_ROCK_GT2 23815	127.14 10.66 -29.86	99.58 9.69 -3.37	97.60 9.37 -6.80	94.31 9.04 -0.01	92.61 8.71 -2.46	91.02 9.24 -0.01	103.07 11.28 -0.06	125.91 11.25 -35.99	132.24 12.48 -37.64	137.47 13.92 -33.14	147.91 16.29 -26.52	157.46 16.21 -25.43	161.19 17.15 -12.11	168.78 18.00 -14.42	180.43 19.63 -15.40	204.01 17.27 -60.66	215.74 18.10 -67.44	189.42 14.24 -72.03	167.55 14.43 -50.74	152.62 13.95 -44.39	150.75 15.43 -39.49	161.28 14.68 -52.51	144.58 11.74 -54.58	135.02 12.69 -34.23
FRANKLIN_FALL_HYD 24054	83.68 -2.95 0.00	84.01 -2.51 0.00	78.91 -2.52 0.00	81.17 -4.09 0.00	77.53 -3.91 0.00	77.77 -4.01 0.00	89.71 -2.02 0.00	76.54 -2.12 0.00	79.33 -2.79 0.00	87.42 -2.98 0.00	101.63 -3.47 0.00	110.72 -5.10 0.00	110.35 -5.80 15.78	115.24 -6.68 14.44	108.95 -7.56 28.88	111.55 -6.68 7.85	112.08 -6.64 11.47	98.10 -5.05 0.00	97.97 -4.40 0.00	90.50 -3.77 0.00	91.62 -4.22 0.00	90.42 -3.67 0.00	74.74 -3.52 0.00	84.84 -3.26 0.00
FREEPORT_EQU_S_GT1 23764	113.84 10.05 -17.17	98.80 8.91 -3.36	96.95 8.71 -6.80	93.62 8.36 0.00	91.88 7.98 -2.46	90.36 8.59 0.00	102.33 10.55 -0.05	119.55 10.62 -30.26	131.25 11.50 -37.63	136.06 12.57 -33.10	145.91 14.29 -26.51	155.83 14.59 -25.43	159.08 15.04 -12.11	166.59 15.82 -14.41	177.95 17.16 -15.40	201.86 15.13 -60.65	213.52 15.88 -67.44	187.66 12.48 -72.03	165.91 12.80 -50.74	151.30 12.63 -44.39	148.44 13.13 -39.48	159.30 12.70 -52.51	143.40 10.57 -54.57	131.37 11.37 -31.90



FULTON COGEN____ 23766	84.86 -2.17 -0.40	84.44 -2.34 -0.25	79.67 -2.28 -0.51	83.56 -1.71 0.00	79.91 -1.71 -0.18	80.30 -1.47 0.00	89.62 -2.11 0.00	79.19 -1.49 -2.02	83.24 -1.40 -2.52	91.26 -1.36 -2.21	105.67 -1.26 -1.83	116.20 -1.27 -1.65	131.52 -1.32 -0.91	135.48 -1.36 -0.48	143.95 -1.45 0.00	124.94 -1.13 0.00	129.15 -1.04 0.00	103.15 -1.13 -1.13	103.46 -1.13 -2.22	95.38 -1.13 -2.24	97.63 -1.05 -2.85	94.87 -1.22 -2.00	78.71 -1.25 -1.70	87.47 -1.59 -0.95
Freeport____CT2 23818	113.84 10.05 -17.17	98.80 8.91 -3.36	96.95 8.71 -6.80	93.62 8.36 0.00	91.88 7.98 -2.46	90.36 8.59 0.00	102.33 10.55 -0.05	119.55 10.62 -30.26	131.25 11.50 -37.63	136.06 12.57 -33.10	145.91 14.29 -26.51	155.83 14.59 -25.43	159.08 15.04 -12.11	166.59 15.82 -14.41	177.95 17.16 -15.40	201.86 15.13 -60.65	213.52 15.88 -67.44	187.66 12.48 -72.03	165.91 12.80 -50.74	151.30 12.63 -44.39	148.44 13.13 -39.48	159.30 12.70 -52.51	143.40 10.57 -54.57	131.37 11.37 -31.90
G.F.CEMENT____DRP 24184	101.88 8.23 -7.03	98.77 7.87 -4.37	96.88 6.60 -8.84	92.85 7.59 0.00	92.21 7.57 -3.20	89.95 8.18 0.00	100.24 8.44 -0.07	119.43 5.74 -35.01	131.32 5.01 -44.19	135.27 5.97 -38.90	145.10 7.78 -32.23	153.39 8.22 -29.35	157.72 9.76 -16.03	156.14 10.50 -9.28	157.68 10.76 -1.52	140.42 8.57 -5.77	145.47 8.85 -6.42	136.69 8.46 -25.08	150.46 7.58 -40.52	141.14 6.60 -40.27	152.66 7.38 -49.45	136.42 7.53 -34.80	113.87 6.03 -29.58	111.54 6.87 -16.57
GARDENVILLE____LBMP 24039	76.10 -11.35 -0.82	75.35 -11.68 -0.51	71.23 -11.24 -1.03	77.08 -8.19 0.00	73.33 -8.14 -0.04	74.25 -7.52 0.00	79.81 -11.92 -0.01	69.00 -9.99 -0.33	72.78 -10.35 -1.01	80.53 -10.76 -0.89	93.53 -12.30 -0.72	103.61 -12.86 -0.65	104.81 -14.38 12.74	109.83 -14.73 11.81	105.56 -15.85 23.99	106.07 -13.49 6.52	107.00 -13.67 9.52	91.63 -11.97 -0.44	91.24 -11.98 -0.85	83.91 -11.22 -0.85	85.63 -11.31 -1.10	83.67 -11.20 -0.78	72.80 -8.92 -3.46	80.70 -9.34 -1.94
GENERAL____MILLS 23808	76.28 -11.17 -0.83	75.53 -11.51 -0.52	71.41 -11.08 -1.05	77.25 -8.01 0.00	73.59 -7.90 -0.05	74.50 -7.28 0.00	80.00 -11.74 -0.01	69.29 -9.83 -0.46	73.14 -10.18 -1.20	80.88 -10.58 -1.06	93.98 -11.98 -0.86	103.97 -12.62 -0.78	105.65 -13.98 12.29	110.48 -14.45 11.42	106.69 -15.41 23.30	106.51 -13.24 6.33	107.54 -13.41 9.25	91.92 -11.76 -0.53	91.61 -11.77 -1.01	84.26 -11.03 -1.02	86.03 -11.12 -1.32	84.01 -11.01 -0.93	73.08 -8.69 -3.50	80.99 -9.07 -1.96
GE_PLASTICS____DRP 24183	96.37 2.95 -6.80	93.69 2.94 -4.23	92.76 2.77 -8.55	88.42 3.15 0.00	87.55 3.01 -3.10	84.88 3.11 0.00	94.91 3.12 -0.07	115.21 2.67 -33.86	127.66 2.79 -42.75	131.19 3.16 -37.63	139.95 3.68 -31.17	148.09 4.17 -28.10	152.03 4.62 -15.49	149.49 4.91 -8.22	150.49 5.09 0.00	130.24 4.16 0.00	134.49 4.30 0.00	125.91 3.71 -19.04	143.20 3.58 -37.24	135.18 3.30 -37.61	147.02 3.35 -47.83	131.05 3.29 -33.66	109.53 2.66 -28.61	107.12 3.00 -16.03
GILBOA____1 23756	95.45 3.55 -5.27	93.52 3.72 -3.28	91.81 3.75 -6.63	89.61 4.35 0.00	88.07 4.23 -2.40	85.29 3.52 0.00	95.73 3.94 -0.05	108.66 3.78 -26.21	119.23 4.11 -33.01	123.98 4.52 -29.05	134.22 5.04 -24.07	142.72 5.79 -21.11	150.00 6.60 -11.47	147.58 6.82 -4.40	148.85 7.27 3.82	120.80 6.30 11.59	123.74 6.51 12.97	112.37 5.16 -4.06	132.47 5.32 -24.78	125.48 4.90 -26.30	137.64 4.89 -36.92	124.78 4.70 -25.99	104.20 3.76 -22.18	104.58 4.05 -12.42
GILBOA____2 23757	95.45 3.55 -5.27	93.52 3.72 -3.28	91.81 3.75 -6.63	89.61 4.35 0.00	88.07 4.23 -2.40	85.29 3.52 0.00	95.73 3.94 -0.05	108.66 3.78 -26.21	119.23 4.11 -33.01	123.98 4.52 -29.05	134.22 5.04 -24.07	142.72 5.79 -21.11	150.00 6.60 -11.47	147.58 6.82 -4.40	148.85 7.27 3.82	120.80 6.30 11.59	123.74 6.51 12.97	112.37 5.16 -4.06	132.47 5.32 -24.78	125.48 4.90 -26.30	137.64 4.89 -36.92	124.78 4.70 -25.99	104.20 3.76 -22.18	104.58 4.05 -12.42
GILBOA____3 23758	95.45 3.55 -5.27	93.52 3.72 -3.28	91.81 3.75 -6.63	89.61 4.35 0.00	88.07 4.23 -2.40	85.29 3.52 0.00	95.73 3.94 -0.05	108.66 3.78 -26.21	119.23 4.11 -33.01	123.98 4.52 -29.05	134.22 5.04 -24.07	142.72 5.79 -21.11	150.00 6.60 -11.47	147.58 6.82 -4.40	148.85 7.27 3.82	120.80 6.30 11.59	123.74 6.51 12.97	112.37 5.16 -4.06	132.47 5.32 -24.78	125.48 4.90 -26.30	137.64 4.89 -36.92	124.78 4.70 -25.99	104.20 3.76 -22.18	104.58 4.05 -12.42
GILBOA____4 23759	95.45 3.55 -5.27	93.52 3.72 -3.28	91.81 3.75 -6.63	89.61 4.35 0.00	88.07 4.23 -2.40	85.29 3.52 0.00	95.73 3.94 -0.05	108.66 3.78 -26.21	119.23 4.11 -33.01	123.98 4.52 -29.05	134.22 5.04 -24.07	142.72 5.79 -21.11	150.00 6.60 -11.47	147.58 6.82 -4.40	148.85 7.27 3.82	120.80 6.30 11.59	123.74 6.51 12.97	112.37 5.16 -4.06	132.47 5.32 -24.78	125.48 4.90 -26.30	137.64 4.89 -36.92	124.78 4.70 -25.99	104.20 3.76 -22.18	104.58 4.05 -12.42
GILBOA____ 23599	95.45 3.55 -5.27	93.52 3.72 -3.28	91.81 3.75 -6.63	89.61 4.35 0.00	88.07 4.23 -2.40	85.29 3.52 0.00	95.73 3.94 -0.05	108.66 3.78 -26.21	119.23 4.11 -33.01	123.98 4.52 -29.05	134.22 5.04 -24.07	142.72 5.79 -21.11	150.00 6.60 -11.47	147.58 6.82 -4.40	148.85 7.27 3.82	120.80 6.30 11.59	123.74 6.51 12.97	112.37 5.16 -4.06	132.47 5.32 -24.78	125.48 4.90 -26.30	137.64 4.89 -36.92	124.78 4.70 -25.99	104.20 3.76 -22.18	104.58 4.05 -12.42
GINNA____ 23603	78.29 -8.92 -0.59	77.72 -9.17 -0.37	73.22 -8.96 -0.74	78.10 -7.16 0.00	74.23 -7.09 0.13	75.15 -6.62 0.00	82.65 -9.08 -0.01	69.74 -7.47 1.46	78.83 -7.39 -4.10	86.41 -7.59 -3.61	100.10 -7.99 -2.99	110.06 -8.45 -2.69	125.17 -9.10 -2.35	128.39 -9.55 -1.58	136.80 -10.18 -1.58	117.83 -8.70 -0.45	121.88 -8.98 -0.66	96.79 -8.15 -1.79	97.68 -8.19 -3.49	90.07 -7.73 -3.53	92.46 -7.73 -4.49	89.53 -7.72 -3.16	73.86 -6.89 -2.49	82.09 -7.40 -1.39
GLEN PARK____ 23778	86.30 -0.52 -0.19	86.12 -0.52 -0.12	80.62 -1.06 -0.24	85.01 -0.26 0.00	80.87 -0.65 -0.09	81.69 -0.08 0.00	92.28 0.55 0.00	81.43 1.81 -0.95	85.15 1.89 -1.14	93.85 2.44 -1.00	109.93 3.99 -0.83	120.39 3.82 -0.75	136.96 4.62 -0.41	140.81 4.23 -0.22	149.62 4.22 0.00	130.11 4.03 0.00	134.36 4.17 0.00	105.96 2.27 -0.53	106.28 2.87 -1.04	98.06 2.73 -1.06	100.05 2.87 -1.34	97.95 2.92 -0.94	79.69 0.63 -0.80	88.29 -0.26 -0.45
GLENWOOD_IC_1_G5 23712	111.87 9.27 -15.97	98.28 8.39 -3.36	96.30 8.06 -6.80	93.11 7.84 0.00	91.47 7.57 -2.46	89.87 8.10 0.00	101.60 9.81 -0.05	118.30 9.91 -29.72	130.75 11.00 -37.63	135.70 12.20 -33.09	145.70 14.08 -26.51	155.95 14.71 -25.43	159.74 15.70 -12.11	167.55 16.77 -14.41	178.68 17.88 -15.40	202.50 15.76 -60.66	214.04 16.40 -67.44	188.08 12.89 -72.03	166.11 13.00 -50.74	151.67 13.01 -44.39	148.54 13.23 -39.48	159.11 12.51 -52.51	142.93 10.10 -54.57	130.45 10.66 -31.69
GLENWOOD_IC_2_G1 23688	110.07 8.75 -14.70	97.76 7.87 -3.36	95.81 7.57 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	101.05 9.26 -0.05	117.17 9.36 -29.14	130.10 10.35 -37.63	134.97 11.48 -33.09	144.75 13.14 -26.51	155.72 14.48 -25.42	159.60 15.57 -12.11	167.41 16.64 -14.41	178.54 17.74 -15.40	202.25 15.51 -60.66	213.78 16.14 -67.44	187.87 12.69 -72.03	165.91 12.80 -50.74	150.92 12.26 -44.39	147.68 12.36 -39.48	158.36 11.76 -52.51	142.38 9.55 -54.57	129.60 10.04 -31.45
GLENWOOD_IC_3_G1 23689	110.07 8.75 -14.70	97.76 7.87 -3.36	95.81 7.57 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	101.05 9.26 -0.05	117.17 9.36 -29.14	130.10 10.35 -37.63	134.97 11.48 -33.09	144.75 13.14 -26.51	155.72 14.48 -25.42	159.60 15.57 -12.11	167.41 16.64 -14.41	178.54 17.74 -15.40	202.25 15.51 -60.66	213.78 16.14 -67.44	187.87 12.69 -72.03	165.91 12.80 -50.74	150.92 12.26 -44.39	147.68 12.36 -39.48	158.36 11.76 -52.51	142.38 9.55 -54.57	129.60 10.04 -31.45



GLENWOOD___4 23550	111.87 9.27 -15.97	98.28 8.39 -3.36	96.30 8.06 -6.80	93.11 7.84 0.00	91.47 7.57 -2.46	89.87 8.10 0.00	101.60 9.81 -0.05	118.30 9.91 -29.72	130.75 11.00 -37.63	135.70 12.20 -33.09	145.70 14.08 -26.51	156.18 14.94 -25.43	160.13 16.10 -12.11	167.82 17.05 -14.41	179.12 18.32 -15.40	202.75 16.01 -60.66	214.30 16.66 -67.44	188.28 13.10 -72.03	166.32 13.21 -50.74	151.67 13.01 -44.39	148.54 13.23 -39.48	159.11 12.51 -52.51	142.93 10.10 -54.57	130.45 10.66 -31.69
GLENWOOD___5 23614	111.87 9.27 -15.97	98.28 8.39 -3.36	96.30 8.06 -6.80	93.11 7.84 0.00	91.47 7.57 -2.46	89.87 8.10 0.00	101.60 9.81 -0.05	118.30 9.91 -29.72	130.75 11.00 -37.63	135.70 12.20 -33.09	145.70 14.08 -26.51	156.18 14.94 -25.43	160.13 16.10 -12.11	167.82 17.05 -14.41	179.12 18.32 -15.40	202.75 16.01 -60.66	214.30 16.66 -67.44	188.28 13.10 -72.03	166.32 13.21 -50.74	151.67 13.01 -44.39	148.54 13.23 -39.48	159.11 12.51 -52.51	142.93 10.10 -54.57	130.45 10.66 -31.69
GLOBAL GREEN_PORT_GT1 23814	118.86 18.71 -13.53	106.75 16.87 -3.36	105.09 16.86 -6.80	101.72 16.46 0.00	99.69 15.80 -2.46	98.37 16.60 0.00	111.59 19.81 -0.05	126.32 19.04 -28.61	141.35 21.60 -37.63	148.17 24.68 -33.08	160.72 29.11 -26.51	172.97 31.73 -25.42	178.20 34.17 -12.11	186.36 35.59 -14.41	199.03 38.24 -15.39	220.65 33.92 -60.65	233.83 36.19 -67.44	203.34 28.16 -72.03	181.37 28.25 -50.74	165.06 26.40 -44.39	162.43 27.12 -39.48	172.19 25.59 -52.51	153.49 20.66 -54.57	141.01 21.67 -31.24
GOETHSLN___LBMP 323567	100.26 8.23 -5.40	97.32 7.44 -3.36	95.40 7.17 -6.80	92.51 7.25 0.00	90.90 7.00 -2.46	89.22 7.44 0.00	100.50 8.71 -0.05	120.50 8.97 -32.86	126.07 10.10 -33.85	131.41 11.21 -29.80	142.50 12.72 -24.68	155.83 14.59 -25.42	160.00 15.96 -12.10	167.82 17.05 -14.41	174.14 17.74 -11.00	178.74 15.38 -37.28	180.90 15.88 -34.82	176.04 12.69 -60.20	166.00 12.90 -50.73	150.53 11.88 -44.39	145.59 11.88 -37.87	132.13 11.39 -26.66	114.48 9.23 -26.99	110.61 9.78 -12.73
GOUDEY___7 23579	87.07 -1.30 -1.74	86.13 -1.47 -1.08	82.16 -1.47 -2.19	84.84 -0.43 0.00	81.63 -0.57 -0.76	81.36 -0.41 0.00	90.74 -1.01 -0.02	86.90 -0.08 -8.31	92.73 0.33 -10.28	99.99 0.54 -9.05	113.23 0.63 -7.49	123.96 1.39 -6.76	134.77 1.58 -1.25	138.12 2.05 0.29	143.35 2.47 4.52	127.65 2.77 1.20	131.18 2.73 1.75	109.23 1.55 -4.53	112.77 1.54 -8.86	104.44 1.23 -8.95	108.46 1.25 -11.38	103.04 0.94 -8.01	85.74 0.16 -7.32	91.85 -0.35 -4.10
GOUDEY___8 23580	87.07 -1.30 -1.74	86.13 -1.47 -1.08	82.16 -1.47 -2.19	84.84 -0.43 0.00	81.63 -0.57 -0.76	81.36 -0.41 0.00	90.74 -1.01 -0.02	86.83 -0.16 -8.31	92.73 0.33 -10.28	99.99 0.54 -9.05	113.23 0.63 -7.49	123.96 1.39 -6.76	134.77 1.58 -1.25	138.12 2.05 0.29	143.35 2.47 4.52	127.65 2.77 1.20	131.18 2.73 1.75	109.23 1.55 -4.53	112.77 1.54 -8.86	104.44 1.23 -8.95	108.46 1.25 -11.38	102.95 0.85 -8.01	85.66 0.08 -7.32	91.85 -0.35 -4.10
GOWANUS_GT1_1 24077	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT1_2 24078	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT1_3 24079	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT1_4 24080	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT1_5 24084	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT1_6 24111	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT1_7 24112	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT1_8 24113	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT2_1 24114	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT2_2 24115	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82



GOWANUS_GT2_3 24116	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT2_4 24117	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT2_5 24118	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT2_6 24119	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT2_7 24120	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT2_8 24121	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_1 24122	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_2 24123	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_3 24124	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_4 24125	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_5 24126	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_6 24127	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_7 24128	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT3_8 24129	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT4_1 24130	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT4_2 24131	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82



GOWANUS_GT4_3 24132	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT4_4 24133	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT4_5 24134	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT4_6 24135	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT4_7 24136	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GOWANUS_GT4_8 24137	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.85 15.64 -133.40	264.91 17.41 -115.57	264.91 18.27 -110.28	264.91 19.34 -100.17	264.87 16.64 -122.15	264.86 17.19 -117.48	264.88 13.93 -147.80	264.91 13.92 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.87 12.33 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
GREENIDGE___3 23582	82.19 -5.37 -0.94	81.39 -5.71 -0.58	76.92 -5.70 -1.18	81.60 -3.67 0.00	78.11 -3.75 -0.42	78.58 -3.19 0.00	86.78 -4.95 -0.01	79.90 -3.38 -4.62	84.29 -3.04 -5.21	92.19 -2.80 -4.59	106.27 -2.63 -3.80	117.04 -2.20 -3.42	127.76 -2.90 1.27	131.75 -2.73 1.88	137.16 -2.47 5.77	123.07 -1.51 1.49	126.32 -1.69 2.18	103.29 -2.06 -2.20	104.52 -2.15 -4.30	96.35 -2.26 -4.34	99.25 -2.11 -5.52	95.53 -2.45 -3.89	79.31 -2.90 -3.95	86.61 -3.70 -2.21
GREENIDGE___4 23583	82.19 -5.37 -0.94	81.39 -5.71 -0.58	76.92 -5.70 -1.18	81.60 -3.67 0.00	78.11 -3.75 -0.42	78.58 -3.19 0.00	86.78 -4.95 -0.01	79.90 -3.38 -4.62	84.29 -3.04 -5.21	92.19 -2.80 -4.59	106.27 -2.63 -3.80	117.04 -2.20 -3.42	127.76 -2.90 1.27	131.75 -2.73 1.88	137.16 -2.47 5.77	123.07 -1.51 1.49	126.32 -1.69 2.18	103.29 -2.06 -2.20	104.52 -2.15 -4.30	96.35 -2.26 -4.34	99.25 -2.11 -5.52	95.53 -2.45 -3.89	79.31 -2.90 -3.95	86.61 -3.70 -2.21
GROVEVILLE___HYD 323602	99.52 7.36 -5.53	96.71 6.75 -3.44	94.83 6.43 -6.96	91.74 6.48 0.00	90.22 6.27 -2.52	88.40 6.62 0.00	99.58 7.80 -0.06	114.06 7.87 -27.52	125.65 8.87 -30.51	130.86 9.94 -25.28	141.73 11.35 -25.33	154.11 12.97 -25.33	158.94 14.64 -12.36	164.85 15.55 -12.94	174.50 16.87 -12.23	189.59 14.88 -48.64	199.62 15.36 -54.06	176.35 12.07 -61.13	161.48 11.88 -47.24	147.51 11.03 -42.21	145.53 10.93 -38.77	131.83 10.44 -27.29	109.83 8.30 -23.27	109.95 8.81 -13.03
HAMPSHIRE___PAPER_HYD 323593	85.33 -1.30 0.00	85.48 -1.04 0.00	80.05 -1.38 0.00	83.56 -1.71 0.00	79.65 -1.79 0.00	80.22 -1.55 0.00	91.18 -0.55 0.00	78.59 -0.08 0.00	81.63 -0.49 0.00	90.04 -0.36 0.00	104.89 -0.21 0.00	114.66 -1.16 0.00	130.61 -1.32 0.00	133.77 -2.59 0.00	142.49 -2.91 0.00	124.06 -2.02 0.00	128.11 -2.08 0.00	101.19 -1.96 0.00	101.25 -1.13 0.00	93.42 -0.85 0.00	94.88 -0.96 0.00	93.53 -0.56 0.00	77.17 -1.10 0.00	86.60 -1.50 0.00
HARZA MOOSE___RIVER 24016	86.54 -0.09 0.00	86.52 0.00 0.00	81.11 -0.33 0.00	85.43 0.17 0.00	81.44 0.00 0.00	82.02 0.25 0.00	92.28 0.55 0.00	79.85 1.18 0.00	83.27 1.15 0.00	91.94 1.54 0.00	107.41 2.31 0.00	118.13 2.32 0.00	134.57 2.64 0.00	138.82 2.45 0.00	147.73 2.33 0.00	128.35 2.27 0.00	132.54 2.34 0.00	104.39 1.24 0.00	104.01 1.64 0.00	95.87 1.60 0.00	97.56 1.72 0.00	95.78 1.69 0.00	78.81 0.55 0.00	88.19 0.09 0.00
HEMPSTEAD____ 23647	111.98 9.44 -15.92	98.28 8.39 -3.36	96.38 8.14 -6.80	93.02 7.76 0.00	91.39 7.49 -2.46	89.87 8.10 0.00	101.69 9.91 -0.05	118.43 10.07 -29.69	130.75 11.00 -37.63	135.61 12.11 -33.09	145.49 13.87 -26.51	155.72 14.48 -25.43	159.21 15.17 -12.11	166.86 16.09 -14.41	177.95 17.16 -15.40	201.86 15.13 -60.65	213.52 15.88 -67.44	187.66 12.48 -72.03	165.81 12.69 -50.74	151.20 12.54 -44.39	148.25 12.94 -39.48	158.92 12.33 -52.51	142.85 10.02 -54.57	130.44 10.66 -31.68
HICKLING___1 23621	85.50 -2.34 -1.21	84.42 -2.86 -0.75	80.03 -2.93 -1.52	84.75 -0.51 0.00	81.22 -0.73 -0.52	81.61 -0.16 0.00	90.09 -1.65 -0.01	84.24 -0.08 -5.65	89.48 0.82 -6.54	97.51 1.36 -5.75	111.76 1.89 -4.76	123.58 3.47 -4.29	133.70 3.83 2.05	138.21 4.64 2.79	143.12 5.82 8.09	130.26 6.30 2.12	133.34 6.25 3.10	109.45 3.51 -2.79	111.19 3.38 -5.44	102.41 2.64 -5.50	105.70 2.88 -6.99	101.18 2.16 -4.92	83.83 0.47 -5.09	90.60 -0.35 -2.85
HICKLING___2 23622	85.50 -2.34 -1.21	84.42 -2.86 -0.75	80.03 -2.93 -1.52	84.75 -0.51 0.00	81.22 -0.73 -0.52	81.61 -0.16 0.00	90.09 -1.65 -0.01	84.24 -0.08 -5.65	89.48 0.82 -6.54	97.51 1.36 -5.75	111.76 1.89 -4.76	123.58 3.47 -4.29	133.70 3.83 2.05	138.21 4.64 2.79	143.12 5.82 8.09	130.26 6.30 2.12	133.34 6.25 3.10	109.45 3.51 -2.79	111.19 3.38 -5.44	102.41 2.64 -5.50	105.70 2.88 -6.99	101.18 2.16 -4.92	83.83 0.47 -5.09	90.60 -0.35 -2.85
HIGH FALLS___HY 23754	101.66 9.62 -5.42	98.98 9.08 -3.37	97.05 8.80 -6.82	94.13 8.87 0.00	92.54 8.63 -2.47	90.69 8.91 0.00	102.33 10.55 -0.05	115.96 10.31 -26.99	127.75 11.58 -34.05	133.21 12.84 -29.97	144.54 14.61 -24.83	156.39 16.68 -23.89	163.13 19.13 -12.07	166.81 20.32 -10.13	174.62 22.25 -6.98	174.56 19.67 -28.81	182.37 20.18 -32.00	161.10 15.68 -42.27	157.56 15.46 -39.73	145.44 14.33 -36.85	148.13 14.28 -38.02	134.12 13.27 -26.76	111.96 10.88 -22.82	112.51 11.63 -12.78
HILLBURN___GT 23639	99.17 7.36 -5.18	96.41 6.66 -3.22	94.31 6.35 -6.52	91.66 6.39 0.00	90.06 6.27 -2.36	88.40 6.62 0.00	99.58 7.80 -0.05	112.55 8.10 -25.78	123.94 9.36 -32.46	129.28 10.31 -28.57	140.54 11.77 -23.67	153.62 13.67 -24.13	158.80 15.30 -11.57	166.03 16.50 -13.17	176.64 17.74 -13.50	195.48 15.89 -53.52	205.96 16.27 -59.49	180.67 12.79 -64.72	161.99 12.59 -47.03	147.31 11.60 -41.45	143.65 11.50 -36.31	130.47 10.82 -25.56	108.51 8.45 -21.80	109.12 8.81 -12.21



HOLTSVILLE_IC_1 23690	110.88 10.74 -13.51	99.23 9.34 -3.36	97.92 9.69 -6.80	94.38 9.12 0.00	92.69 8.80 -2.46	91.26 9.49 0.00	103.52 11.74 -0.05	118.76 11.49 -28.61	132.15 12.40 -37.63	136.96 13.47 -33.08	146.85 15.24 -26.51	156.99 15.75 -25.42	159.60 15.57 -12.11	166.73 15.95 -14.41	177.37 16.58 -15.39	201.48 14.75 -60.65	213.65 16.01 -67.44	187.66 12.48 -72.03	166.52 13.41 -50.74	152.24 13.57 -44.39	149.69 14.37 -39.48	160.15 13.55 -52.51	144.34 11.50 -54.57	131.85 12.51 -31.24
HOLTSVILLE_IC_10 23699	111.63 11.43 -13.57	99.83 9.95 -3.36	98.49 10.26 -6.80	94.98 9.72 0.00	93.26 9.37 -2.46	91.83 10.06 0.00	104.26 12.48 -0.05	119.41 12.11 -28.63	132.89 13.14 -37.63	137.86 14.37 -33.08	148.01 16.40 -26.51	158.15 16.91 -25.42	160.79 16.76 -12.11	167.82 17.05 -14.41	178.68 17.88 -15.39	202.62 15.89 -60.65	214.95 17.32 -67.44	188.69 13.51 -72.03	167.75 14.64 -50.74	153.18 14.52 -44.39	150.74 15.43 -39.48	161.18 14.58 -52.51	145.20 12.37 -54.57	132.74 13.39 -31.25
HOLTSVILLE_IC_2 23691	110.88 10.74 -13.51	99.23 9.34 -3.36	97.92 9.69 -6.80	94.38 9.12 0.00	92.69 8.80 -2.46	91.26 9.49 0.00	103.52 11.74 -0.05	118.76 11.49 -28.61	132.15 12.40 -37.63	136.96 13.47 -33.08	146.85 15.24 -26.51	156.99 15.75 -25.42	159.60 15.57 -12.11	166.73 15.95 -14.41	177.37 16.58 -15.39	201.48 14.75 -60.65	213.65 16.01 -67.44	187.66 12.48 -72.03	166.52 13.41 -50.74	152.24 13.57 -44.39	149.69 14.37 -39.48	160.15 13.55 -52.51	144.34 11.50 -54.57	131.85 12.51 -31.24
HOLTSVILLE_IC_3 23692	110.88 10.74 -13.51	99.23 9.34 -3.36	97.92 9.69 -6.80	94.38 9.12 0.00	92.69 8.80 -2.46	91.26 9.49 0.00	103.52 11.74 -0.05	118.76 11.49 -28.61	132.15 12.40 -37.63	136.96 13.47 -33.08	146.85 15.24 -26.51	156.99 15.75 -25.42	159.60 15.57 -12.11	166.73 15.95 -14.41	177.37 16.58 -15.39	201.48 14.75 -60.65	213.65 16.01 -67.44	187.66 12.48 -72.03	166.52 13.41 -50.74	152.24 13.57 -44.39	149.69 14.37 -39.48	160.15 13.55 -52.51	144.34 11.50 -54.57	131.85 12.51 -31.24
HOLTSVILLE_IC_4 23693	110.88 10.74 -13.51	99.23 9.34 -3.36	97.92 9.69 -6.80	94.38 9.12 0.00	92.69 8.80 -2.46	91.26 9.49 0.00	103.52 11.74 -0.05	118.76 11.49 -28.61	132.15 12.40 -37.63	136.96 13.47 -33.08	146.85 15.24 -26.51	156.99 15.75 -25.42	159.60 15.57 -12.11	166.73 15.95 -14.41	177.37 16.58 -15.39	201.48 14.75 -60.65	213.65 16.01 -67.44	187.66 12.48 -72.03	166.52 13.41 -50.74	152.24 13.57 -44.39	149.69 14.37 -39.48	160.15 13.55 -52.51	144.34 11.50 -54.57	131.85 12.51 -31.24
HOLTSVILLE_IC_5 23694	110.88 10.74 -13.51	99.23 9.34 -3.36	97.92 9.69 -6.80	94.38 9.12 0.00	92.69 8.80 -2.46	91.26 9.49 0.00	103.52 11.74 -0.05	118.76 11.49 -28.61	132.15 12.40 -37.63	136.96 13.47 -33.08	146.85 15.24 -26.51	156.99 15.75 -25.42	159.60 15.57 -12.11	166.73 15.95 -14.41	177.37 16.58 -15.39	201.48 14.75 -60.65	213.65 16.01 -67.44	187.66 12.48 -72.03	166.52 13.41 -50.74	152.24 13.57 -44.39	149.69 14.37 -39.48	160.15 13.55 -52.51	144.34 11.50 -54.57	131.85 12.51 -31.24
HOLTSVILLE_IC_6 23695	111.63 11.43 -13.57	99.83 9.95 -3.36	98.49 10.26 -6.80	94.98 9.72 0.00	93.26 9.37 -2.46	91.83 10.06 0.00	104.26 12.48 -0.05	119.41 12.11 -28.63	132.89 13.14 -37.63	137.86 14.37 -33.08	148.01 16.40 -26.51	158.15 16.91 -25.42	160.79 16.76 -12.11	167.82 17.05 -14.41	178.68 17.88 -15.39	202.62 15.89 -60.65	214.95 17.32 -67.44	188.69 13.51 -72.03	167.75 14.64 -50.74	153.18 14.52 -44.39	150.74 15.43 -39.48	161.18 14.58 -52.51	145.20 12.37 -54.57	132.74 13.39 -31.25
HOLTSVILLE_IC_7 23696	111.63 11.43 -13.57	99.83 9.95 -3.36	98.49 10.26 -6.80	94.98 9.72 0.00	93.26 9.37 -2.46	91.83 10.06 0.00	104.26 12.48 -0.05	119.41 12.11 -28.63	132.89 13.14 -37.63	137.86 14.37 -33.08	148.01 16.40 -26.51	158.15 16.91 -25.42	160.79 16.76 -12.11	167.82 17.05 -14.41	178.68 17.88 -15.39	202.62 15.89 -60.65	214.95 17.32 -67.44	188.69 13.51 -72.03	167.75 14.64 -50.74	153.18 14.52 -44.39	150.74 15.43 -39.48	161.18 14.58 -52.51	145.20 12.37 -54.57	132.74 13.39 -31.25
HOLTSVILLE_IC_8 23697	111.63 11.43 -13.57	99.83 9.95 -3.36	98.49 10.26 -6.80	94.98 9.72 0.00	93.26 9.37 -2.46	91.83 10.06 0.00	104.26 12.48 -0.05	119.41 12.11 -28.63	132.89 13.14 -37.63	137.86 14.37 -33.08	148.01 16.40 -26.51	158.15 16.91 -25.42	160.79 16.76 -12.11	167.82 17.05 -14.41	178.68 17.88 -15.39	202.62 15.89 -60.65	214.95 17.32 -67.44	188.69 13.51 -72.03	167.75 14.64 -50.74	153.18 14.52 -44.39	150.74 15.43 -39.48	161.18 14.58 -52.51	145.20 12.37 -54.57	132.74 13.39 -31.25
HOLTSVILLE_IC_9 23698	111.63 11.43 -13.57	99.83 9.95 -3.36	98.49 10.26 -6.80	94.98 9.72 0.00	93.26 9.37 -2.46	91.83 10.06 0.00	104.26 12.48 -0.05	119.41 12.11 -28.63	132.89 13.14 -37.63	137.86 14.37 -33.08	148.01 16.40 -26.51	158.15 16.91 -25.42	160.79 16.76 -12.11	167.82 17.05 -14.41	178.68 17.88 -15.39	202.62 15.89 -60.65	214.95 17.32 -67.44	188.69 13.51 -72.03	167.75 14.64 -50.74	153.18 14.52 -44.39	150.74 15.43 -39.48	161.18 14.58 -52.51	145.20 12.37 -54.57	132.74 13.39 -31.25
HQ_GEN_CEDARS 23644	84.20 -2.43 0.00	84.53 -1.99 0.00	79.40 -2.04 0.00	81.77 -3.50 0.00	78.18 -3.26 0.00	78.42 -3.35 0.00	89.99 -1.74 0.00	76.47 -2.20 0.00	79.00 -3.12 0.00	86.88 -3.53 0.00	100.69 -4.41 0.00	110.14 -5.67 0.00	109.56 -6.60 15.78	114.42 -7.50 14.44	108.81 -7.71 28.88	111.55 -6.68 7.85	111.82 -6.90 11.47	98.00 -5.16 0.00	97.66 -4.71 0.00	90.12 -4.15 0.00	91.23 -4.60 0.00	90.14 -3.95 0.00	75.29 -2.97 0.00	85.19 -2.91 0.00
HQ_GEN_IMPORT 323601	85.24 -1.39 0.00	85.31 -1.21 0.00	80.30 -1.14 0.00	83.22 -2.05 0.00	79.65 -1.79 0.00	84.63 -1.96 -4.82	85.26 -1.65 4.82	76.78 -1.89 0.00	79.82 -2.30 0.00	85.30 -2.71 2.39	85.43 -3.36 16.31	85.38 -4.05 26.38	85.31 -4.62 42.00	85.32 -5.05 46.00	85.34 -5.38 54.68	85.32 -4.66 36.09	85.38 -4.82 40.00	85.41 -3.61 14.13	85.52 -3.58 13.27	85.43 -3.21 5.63	85.67 -3.26 6.90	85.47 -3.01 5.61	76.15 -2.11 0.00	85.21 -2.11 0.78
HQ_GEN_WHEEL 23651	85.24 -1.39 0.00	85.31 -1.21 0.00	80.30 -1.14 0.00	83.22 -2.05 0.00	79.65 -1.79 0.00	82.34 -1.96 -2.53	87.55 -1.65 2.53	76.78 -1.89 0.00	79.82 -2.30 0.00	87.69 -2.71 0.00	101.74 -3.36 0.00	111.76 -4.05 0.00	111.54 -4.62 15.78	116.87 -5.05 14.44	111.13 -5.38 28.88	113.57 -4.66 7.85	113.90 -4.82 11.47	99.54 -3.61 0.00	98.79 -3.58 0.00	91.06 -3.21 0.00	92.57 -3.26 0.00	91.08 -3.01 0.00	76.15 -2.11 0.00	85.99 -2.11 0.00
HUDSON AVE_GT_3 23810	100.77 8.75 -5.40	97.84 7.96 -3.36	95.81 7.57 -6.80	92.94 7.67 0.00	91.30 7.41 -2.46	89.71 7.93 0.00	101.05 9.26 -0.05	120.89 9.36 -32.86	126.48 10.51 -33.85	131.86 11.66 -29.80	143.03 13.24 -24.68	156.41 15.17 -25.42	160.79 16.76 -12.10	168.63 17.86 -14.41	179.55 18.76 -15.40	203.12 16.39 -60.65	214.56 16.93 -67.44	188.58 13.41 -72.02	166.62 13.51 -50.73	151.01 12.35 -44.39	146.07 12.36 -37.87	132.60 11.86 -26.66	114.95 9.70 -26.99	111.05 10.22 -12.73
HUDSON AVE_GT_4 23540	100.77 8.75 -5.40	97.84 7.96 -3.36	95.81 7.57 -6.80	92.94 7.67 0.00	91.30 7.41 -2.46	89.71 7.93 0.00	101.05 9.26 -0.05	120.89 9.36 -32.86	126.48 10.51 -33.85	131.86 11.66 -29.80	143.03 13.24 -24.68	156.41 15.17 -25.42	160.79 16.76 -12.10	168.63 17.86 -14.41	179.55 18.76 -15.40	203.12 16.39 -60.65	214.56 16.93 -67.44	188.58 13.41 -72.02	166.62 13.51 -50.73	151.01 12.35 -44.39	146.07 12.36 -37.87	132.60 11.86 -26.66	114.95 9.70 -26.99	111.05 10.22 -12.73
HUDSON AVE_GT_5 23657	100.77 8.75 -5.40	97.84 7.96 -3.36	95.81 7.57 -6.80	92.94 7.67 0.00	91.30 7.41 -2.46	89.71 7.93 0.00	101.05 9.26 -0.05	120.89 9.36 -32.86	126.48 10.51 -33.85	131.86 11.66 -29.80	143.03 13.24 -24.68	156.41 15.17 -25.42	160.79 16.76 -12.10	168.63 17.86 -14.41	179.55 18.76 -15.40	203.12 16.39 -60.65	214.56 16.93 -67.44	188.58 13.41 -72.02	166.62 13.51 -50.73	151.01 12.35 -44.39	146.07 12.36 -37.87	132.60 11.86 -26.66	114.95 9.70 -26.99	111.05 10.22 -12.73



HUDSON_AVE_10 24168	100.60 8.58 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.66 9.13 -32.86	126.24 10.26 -33.85	131.59 11.39 -29.80	142.71 12.93 -24.68	156.06 14.82 -25.42	160.26 16.23 -12.10	168.09 17.32 -14.41	178.97 18.17 -15.40	202.49 15.76 -60.65	214.04 16.40 -67.44	188.27 13.10 -72.02	166.31 13.21 -50.73	150.72 12.07 -44.39	145.78 12.08 -37.87	132.32 11.57 -26.66	114.72 9.47 -26.99	110.88 10.04 -12.73
HUNTER MOUNT___DRP 323613	100.84 8.14 -6.07	98.00 7.70 -3.78	96.24 7.17 -7.64	92.68 7.42 0.00	91.45 7.25 -2.76	89.38 7.60 0.00	100.59 8.81 -0.06	117.08 8.18 -30.23	129.23 9.03 -38.08	134.14 10.22 -33.52	144.96 12.09 -27.77	155.61 13.67 -26.12	161.29 15.83 -13.53	162.98 16.77 -9.85	168.63 18.32 -4.91	162.45 15.63 -20.74	169.63 16.40 -23.03	152.57 12.89 -36.52	155.33 12.49 -40.47	144.28 11.50 -38.51	150.02 11.60 -42.60	135.18 11.10 -29.98	112.58 8.77 -25.55	111.75 9.34 -14.31
HUNTLEY___63 23557	76.58 -10.83 -0.78	75.84 -11.16 -0.48	71.67 -10.75 -0.98	77.84 -7.42 0.00	74.12 -7.33 -0.01	75.07 -6.71 0.00	80.27 -11.47 -0.01	68.85 -9.83 -0.01	72.79 -10.26 -0.93	80.56 -10.67 -0.82	93.79 -11.98 -0.67	103.68 -12.74 -0.60	105.67 -14.12 12.14	110.39 -14.73 11.24	106.71 -15.85 22.84	106.13 -13.74 6.20	107.20 -13.93 9.07	91.50 -12.07 -0.41	91.08 -12.08 -0.78	83.75 -11.31 -0.79	85.45 -11.40 -1.02	83.62 -11.20 -0.72	73.01 -8.53 -3.28	81.21 -8.72 -1.83
HUNTLEY___64 23558	76.58 -10.83 -0.78	75.84 -11.16 -0.48	71.67 -10.75 -0.98	77.84 -7.42 0.00	74.12 -7.33 -0.01	75.07 -6.71 0.00	80.27 -11.47 -0.01	68.85 -9.83 -0.01	72.79 -10.26 -0.93	80.56 -10.67 -0.82	93.79 -11.98 -0.67	103.68 -12.74 -0.60	105.67 -14.12 12.14	110.39 -14.73 11.24	106.71 -15.85 22.84	106.13 -13.74 6.20	107.20 -13.93 9.07	91.50 -12.07 -0.41	91.08 -12.08 -0.78	83.75 -11.31 -0.79	85.45 -11.40 -1.02	83.62 -11.20 -0.72	73.01 -8.53 -3.28	81.21 -8.72 -1.83
HUNTLEY___65 23559	76.58 -10.83 -0.78	75.84 -11.16 -0.48	71.67 -10.75 -0.98	77.84 -7.42 0.00	74.12 -7.33 -0.01	75.07 -6.71 0.00	80.27 -11.47 -0.01	68.85 -9.83 -0.01	72.79 -10.26 -0.93	80.56 -10.67 -0.82	93.79 -11.98 -0.67	103.68 -12.74 -0.60	105.67 -14.12 12.14	110.39 -14.73 11.24	106.71 -15.85 22.84	106.13 -13.74 6.20	107.20 -13.93 9.07	91.50 -12.07 -0.41	91.08 -12.08 -0.78	83.75 -11.31 -0.79	85.45 -11.40 -1.02	83.62 -11.20 -0.72	73.01 -8.53 -3.28	81.21 -8.72 -1.83
HUNTLEY___66 23560	76.58 -10.83 -0.78	75.84 -11.16 -0.48	71.67 -10.75 -0.98	77.84 -7.42 0.00	74.12 -7.33 -0.01	75.07 -6.71 0.00	80.27 -11.47 -0.01	68.85 -9.83 -0.01	72.79 -10.26 -0.93	80.56 -10.67 -0.82	93.79 -11.98 -0.67	103.68 -12.74 -0.60	105.67 -14.12 12.14	110.39 -14.73 11.24	106.71 -15.85 22.84	106.13 -13.74 6.20	107.20 -13.93 9.07	91.50 -12.07 -0.41	91.08 -12.08 -0.78	83.75 -11.31 -0.79	85.45 -11.40 -1.02	83.62 -11.20 -0.72	73.01 -8.53 -3.28	81.21 -8.72 -1.83
HUNTLEY___67 23561	75.47 -11.95 -0.80	74.65 -12.37 -0.50	70.64 -11.81 -1.01	76.56 -8.70 0.00	72.83 -8.63 -0.02	73.76 -8.01 0.00	79.08 -12.66 -0.01	68.00 -10.86 -0.19	71.51 -11.33 -0.72	79.10 -11.93 -0.63	92.16 -13.45 -0.51	101.92 -14.36 -0.46	102.62 -15.96 13.35	107.41 -16.64 12.32	102.61 -17.88 24.90	103.93 -15.38 6.77	104.68 -15.62 9.89	90.16 -13.31 -0.32	89.66 -13.31 -0.60	82.43 -12.44 -0.61	84.07 -12.55 -0.79	82.23 -12.42 -0.56	71.85 -9.78 -3.38	79.95 -10.04 -1.89
HUNTLEY___68 23562	75.47 -11.95 -0.80	74.65 -12.37 -0.50	70.64 -11.81 -1.01	76.56 -8.70 0.00	72.83 -8.63 -0.02	73.76 -8.01 0.00	79.08 -12.66 -0.01	68.00 -10.86 -0.19	71.51 -11.33 -0.72	79.10 -11.93 -0.63	92.16 -13.45 -0.51	101.92 -14.36 -0.46	102.62 -15.96 13.35	107.41 -16.64 12.32	102.61 -17.88 24.90	103.93 -15.38 6.77	104.68 -15.62 9.89	90.16 -13.31 -0.32	89.66 -13.31 -0.60	82.43 -12.44 -0.61	84.07 -12.55 -0.79	82.23 -12.42 -0.56	71.85 -9.78 -3.38	79.95 -10.04 -1.89
INDECK___CORINTH 23802	101.09 7.36 -7.10	97.86 6.92 -4.42	95.91 5.54 -8.93	91.74 6.48 0.00	91.35 6.68 -3.24	88.97 7.20 0.00	99.23 7.43 -0.07	118.80 4.72 -35.41	130.45 3.70 -44.63	134.21 4.52 -39.29	143.85 6.20 -32.55	151.93 6.49 -29.63	155.90 7.78 -16.19	154.27 8.59 -9.32	155.56 8.72 -1.43	138.18 6.68 -5.42	143.13 6.90 -6.04	135.33 7.22 -24.96	149.50 6.35 -40.78	140.31 5.47 -40.58	152.10 6.32 -49.94	135.74 6.49 -35.15	113.30 5.17 -29.88	110.65 5.81 -16.73
INDECK___ILION 23567	88.66 2.17 0.13	88.60 2.16 0.08	83.30 2.04 0.17	87.65 2.39 0.00	83.66 2.28 0.06	83.98 2.21 0.00	94.11 2.38 0.00	80.28 2.28 0.67	92.42 2.80 0.89	107.82 3.36 0.65	118.94 3.71 0.59	135.83 4.22 0.32	140.55 4.36 0.17	150.05 4.65 0.00	130.11 4.03 0.00	134.49 4.30 0.00	106.08 3.30 0.37	104.91 3.28 0.73	96.55 3.02 0.74	97.96 3.07 0.94	96.35 2.92 0.66	79.89 2.19 0.56	90.16 2.38 0.32	
INDECK___OLEAN 23982	80.96 -6.58 -0.92	80.08 -7.01 -0.57	75.50 -7.08 -1.15	81.00 -4.26 0.00	77.32 -4.23 -0.12	78.42 -3.35 0.00	85.22 -6.51 -0.01	76.16 -3.78 -1.26	80.98 -3.20 -2.07	89.60 -2.62 -1.82	103.55 -3.05 -1.50	115.08 -2.08 -1.35	118.60 -2.37 10.95	124.28 -1.77 10.31	121.66 -2.33 21.41	119.13 -1.13 5.81	120.27 -1.43 8.49	101.17 -2.89 -0.91	100.85 -3.28 -1.76	92.93 -3.11 -1.77	95.80 -2.30 -2.27	92.77 -2.92 -1.60	79.37 -2.74 -3.85	86.03 -4.23 -2.16
INDECK___OSWEGO 23783	85.74 -1.21 -0.32	85.43 -1.30 -0.20	80.38 -1.47 -0.41	84.49 -0.77 0.00	80.61 -0.98 -0.15	81.20 -0.57 0.00	91.09 -0.64 0.00	80.45 0.16 -1.62	84.37 0.25 -2.00	92.79 0.63 -1.76	107.93 1.37 -1.46	118.40 1.27 -1.31	134.24 1.58 -0.72	138.11 1.36 -0.38	146.85 1.45 0.00	127.59 1.51 0.00	131.76 1.56 0.00	104.58 0.52 -0.91	104.97 0.82 -1.78	96.82 0.75 -1.80	98.98 0.86 -2.29	96.64 0.94 -1.61	79.47 -0.16 -1.37	88.16 -0.70 -0.77
INDECK___YERKES 23781	76.58 -10.83 -0.78	75.84 -11.16 -0.48	71.67 -10.75 -0.98	77.84 -7.42 0.00	74.12 -7.33 -0.01	75.07 -6.71 0.00	80.27 -11.47 -0.01	68.85 -9.83 -0.01	72.79 -10.26 -0.93	80.56 -10.67 -0.82	93.79 -11.98 -0.67	103.68 -12.74 -0.60	105.67 -14.12 12.14	110.39 -14.73 11.24	106.71 -15.85 22.84	106.13 -13.74 6.20	107.20 -13.93 9.07	91.50 -12.07 -0.41	91.08 -12.08 -0.78	83.75 -11.31 -0.79	85.45 -11.40 -1.02	83.62 -11.20 -0.72	73.01 -8.53 -3.28	81.21 -8.72 -1.83
INDIAN POINT_GT_1 24139	99.35 7.36 -5.36	96.52 6.66 -3.33	94.61 6.43 -6.74	91.74 6.48 0.00	90.14 6.27 -2.44	88.40 6.62 0.00	99.58 7.80 -0.05	113.28 7.95 -26.66	124.73 9.03 -33.58	129.99 10.03 -29.55	141.04 11.46 -24.48	154.20 13.20 -25.18	158.57 14.64 -12.00	166.26 15.68 -14.22	177.39 16.87 -15.12	200.57 14.88 -59.62	211.84 15.36 -66.28	186.15 12.07 -70.93	164.48 11.98 -50.13	149.19 11.03 -43.90	144.32 10.93 -37.56	130.97 10.44 -26.44	109.10 8.30 -22.55	109.36 8.63 -12.63
INDIAN POINT_GT_2 23659	99.35 7.36 -5.36	96.52 6.66 -3.33	94.61 6.43 -6.74	91.74 6.48 0.00	90.14 6.27 -2.44	88.40 6.62 0.00	99.58 7.80 -0.05	113.28 7.95 -26.66	124.73 9.03 -33.58	129.99 10.03 -29.55	141.04 11.46 -24.48	154.20 13.20 -25.18	158.57 14.64 -12.00	166.26 15.68 -14.22	177.39 16.87 -15.12	200.57 14.88 -59.62	211.84 15.36 -66.28	186.15 12.07 -70.93	164.48 11.98 -50.13	149.19 11.03 -43.90	144.32 10.93 -37.56	130.97 10.44 -26.44	109.10 8.30 -22.55	109.36 8.63 -12.63
INDIAN POINT_GT_3 24019	99.35 7.36 -5.36	96.52 6.66 -3.33	94.61 6.43 -6.74	91.74 6.48 0.00	90.14 6.27 -2.44	88.40 6.62 0.00	99.58 7.80 -0.05	113.28 7.95 -26.66	124.73 9.03 -33.58	129.99 10.03 -29.55	141.04 11.46 -24.48	154.20 13.20 -25.18	158.57 14.64 -12.00	166.26 15.68 -14.22	177.39 16.87 -15.12	200.57 14.88 -59.62	211.84 15.36 -66.28	186.15 12.07 -70.93	164.48 11.98 -50.13	149.19 11.03 -43.90	144.32 10.93 -37.56	130.97 10.44 -26.44	109.10 8.30 -22.55	109.36 8.63 -12.63



INDIAN POINT___2 23530	99.03 7.10 -5.30	96.22 6.40 -3.30	94.29 6.19 -6.67	91.49 6.22 0.00	89.87 6.03 -2.41	88.23 6.46 0.00	99.30 7.52 -0.05	112.83 7.79 -26.37	124.20 8.87 -33.21	129.49 9.85 -29.23	140.46 11.14 -24.22	153.62 12.97 -24.83	158.17 14.38 -11.86	165.62 15.41 -13.85	176.52 16.58 -14.55	198.17 14.63 -57.46	209.18 15.10 -63.88	183.77 11.86 -68.75	163.21 11.77 -49.06	148.17 10.84 -43.06	143.72 10.73 -37.15	130.40 10.16 -26.15	108.63 8.06 -22.30	109.05 8.46 -12.49
INDIAN POINT___3 23531	99.00 7.02 -5.36	96.26 6.40 -3.34	94.29 6.11 -6.74	91.40 6.14 0.00	89.90 6.03 -2.44	88.15 6.38 0.00	99.30 7.52 -0.05	113.05 7.71 -26.67	124.41 8.70 -33.59	129.64 9.67 -29.56	140.63 11.04 -24.49	153.76 12.74 -25.20	158.05 14.12 -12.00	165.74 15.14 -14.24	176.70 16.14 -15.16	200.09 14.25 -59.77	211.36 14.71 -66.45	185.88 11.66 -71.07	164.13 11.57 -50.19	148.86 10.65 -43.94	143.95 10.54 -37.57	130.61 10.07 -26.45	108.80 7.98 -22.55	109.10 8.37 -12.63
IP CORINTH___1 23988	101.87 8.14 -7.10	98.64 7.70 -4.42	96.56 6.19 -8.93	92.51 7.25 0.00	92.00 7.33 -3.24	89.71 7.93 0.00	100.05 8.26 -0.07	119.51 5.43 -35.41	131.19 4.43 -44.63	134.66 4.97 -39.29	144.27 6.62 -32.55	152.16 6.72 -29.63	156.17 8.05 -16.19	154.41 8.73 -9.32	155.70 8.87 -1.43	138.31 6.81 -5.42	143.26 7.03 -6.04	135.74 7.63 -24.96	150.22 7.06 -40.78	141.16 6.32 -40.58	153.06 7.28 -49.94	136.68 7.43 -35.15	114.09 5.95 -29.88	111.44 6.61 -16.73
IP___TICONDEROGA 23804	105.35 11.87 -6.86	102.21 11.42 -4.27	100.09 10.02 -8.63	96.52 11.25 0.00	97.18 12.62 -3.12	93.79 12.02 0.00	104.18 12.38 -0.07	121.50 8.65 -34.17	133.47 8.21 -43.14	137.77 9.40 -37.97	148.43 11.88 -31.46	156.98 12.28 -28.89	161.45 13.85 -15.66	160.22 14.18 -9.68	162.35 14.25 -2.70	147.14 10.84 -10.22	152.64 11.07 -11.38	142.04 10.11 -28.78	153.45 9.93 -41.15	143.54 8.86 -40.41	153.78 9.68 -48.27	138.13 10.07 -33.97	115.35 8.22 -28.87	114.58 10.31 -16.17
JARVIS____ 23743	87.19 0.69 0.13	87.13 0.69 0.08	81.84 0.57 0.17	86.03 0.77 0.00	82.11 0.73 0.06	82.51 0.74 0.00	92.46 0.73 0.00	78.71 0.71 0.67	82.05 0.82 0.89	90.52 0.90 0.78	105.61 1.16 0.65	116.50 1.27 0.59	133.06 1.45 0.32	137.83 1.64 0.17	147.00 1.60 0.00	127.47 1.39 0.00	131.63 1.43 0.00	103.91 1.13 0.37	102.76 1.13 0.73	94.57 1.04 0.74	95.95 1.05 0.94	94.46 1.04 0.66	78.40 0.70 0.56	88.49 0.70 0.32
JENNISON___1 23625	89.74 1.30 -1.82	88.86 1.21 -1.13	84.54 0.81 -2.29	87.48 2.22 0.00	83.87 1.63 -0.81	83.90 2.13 0.00	94.04 2.29 -0.02	90.65 3.15 -8.83	96.99 3.70 -11.18	104.49 4.25 -9.84	118.93 5.68 -8.15	129.88 6.72 -7.35	141.74 7.65 -2.16	144.96 8.18 -0.42	150.81 8.87 3.46	133.54 8.32 0.86	137.40 8.46 1.25	113.57 5.57 -4.85	117.58 5.73 -9.48	109.12 5.28 -9.57	113.47 5.46 -12.17	107.65 4.99 -8.57	88.65 2.74 -7.65	94.68 2.29 -4.28
JENNISON___2 23626	89.66 1.21 -1.82	88.78 1.12 -1.13	84.46 0.73 -2.29	87.31 2.05 0.00	83.79 1.55 -0.81	83.82 2.04 0.00	93.95 2.20 -0.02	90.57 3.07 -8.83	96.83 3.53 -11.18	104.40 4.16 -9.84	118.72 5.47 -8.15	129.65 6.49 -7.35	141.48 7.39 -2.16	144.69 7.91 -0.42	150.52 8.58 3.46	133.29 8.07 0.86	137.14 8.20 1.25	113.47 5.47 -4.85	117.38 5.53 -9.48	108.93 5.09 -9.57	113.28 5.27 -12.17	107.46 4.80 -8.57	88.57 2.66 -7.65	94.59 2.20 -4.28
KEDC PORT_JEFF_GT2 24210	111.35 11.17 -13.55	99.66 9.78 -3.36	98.25 10.02 -6.80	94.73 9.46 0.00	93.01 9.12 -2.46	91.67 9.89 0.00	103.98 12.20 -0.05	119.17 11.88 -28.62	132.48 12.73 -37.63	137.23 13.74 -33.08	147.27 15.66 -26.51	156.64 15.40 -25.42	159.34 15.30 -12.11	166.45 15.68 -14.41	176.93 16.14 -15.39	200.98 14.25 -60.65	213.39 15.75 -67.44	187.46 12.28 -72.03	166.42 13.31 -50.74	152.05 13.39 -44.39	150.07 14.76 -39.48	160.52 13.93 -52.51	144.88 12.05 -54.57	132.56 13.22 -31.24
KEDC PORT_JEFF_GT3 24211	111.35 11.17 -13.55	99.66 9.78 -3.36	98.25 10.02 -6.80	94.73 9.46 0.00	93.01 9.12 -2.46	91.67 9.89 0.00	103.98 12.20 -0.05	119.17 11.88 -28.62	132.48 12.73 -37.63	137.23 13.74 -33.08	147.27 15.66 -26.51	156.64 15.40 -25.42	159.34 15.30 -12.11	166.45 15.68 -14.41	176.93 16.14 -15.39	200.98 14.25 -60.65	213.39 15.75 -67.44	187.46 12.28 -72.03	166.42 13.31 -50.74	152.05 13.39 -44.39	150.07 14.76 -39.48	160.52 13.93 -52.51	144.88 12.05 -54.57	132.56 13.22 -31.24
KEDC_GLWD_GT4 24219	111.87 9.27 -15.97	98.28 8.39 -3.36	96.30 8.06 -6.80	93.11 7.84 0.00	91.47 7.57 -2.46	89.87 8.10 0.00	101.60 9.81 -0.05	118.30 9.91 -29.72	130.75 11.00 -37.63	135.70 12.20 -33.09	145.70 14.08 -26.51	155.95 14.71 -25.43	159.74 15.70 -12.11	167.55 16.77 -14.41	178.68 17.88 -15.40	202.50 15.76 -60.66	214.04 16.40 -67.44	188.08 12.89 -72.03	166.11 13.00 -50.74	151.67 13.01 -44.39	148.54 13.23 -39.48	159.11 12.51 -52.51	142.93 10.10 -54.57	130.45 10.66 -31.69
KEDC_GLWD_GT5 24220	111.87 9.27 -15.97	98.28 8.39 -3.36	96.30 8.06 -6.80	93.11 7.84 0.00	91.47 7.57 -2.46	89.87 8.10 0.00	101.60 9.81 -0.05	118.30 9.91 -29.72	130.75 11.00 -37.63	135.70 12.20 -33.09	145.70 14.08 -26.51	155.95 14.71 -25.43	159.74 15.70 -12.11	167.55 16.77 -14.41	178.68 17.88 -15.40	202.50 15.76 -60.66	214.04 16.40 -67.44	188.08 12.89 -72.03	166.11 13.00 -50.74	151.67 13.01 -44.39	148.54 13.23 -39.48	159.11 12.51 -52.51	142.93 10.10 -54.57	130.45 10.66 -31.69
KENSICO____ 23655	99.90 7.88 -5.39	97.06 7.18 -3.36	95.06 6.84 -6.79	92.17 6.91 0.00	90.65 6.76 -2.45	88.89 7.11 0.00	100.13 8.35 -0.05	113.92 8.42 -26.84	125.44 9.53 -33.80	130.73 10.58 -29.75	141.73 11.98 -24.64	154.98 13.78 -25.38	159.32 15.30 -12.08	166.98 16.23 -14.39	178.09 17.30 -15.39	201.95 15.26 -60.62	213.35 15.75 -67.40	187.60 12.48 -71.96	165.43 12.39 -50.67	150.01 11.41 -44.33	145.04 11.40 -37.81	131.52 10.82 -26.61	109.64 8.69 -22.69	110.06 9.25 -12.71
KIAC_JFK_GT1 23816	101.02 8.92 -5.47	98.10 8.22 -3.36	96.05 7.82 -6.80	93.19 7.93 0.00	91.63 7.74 -2.46	89.95 8.18 0.00	101.05 9.26 -0.05	120.97 9.44 -32.86	154.79 10.76 -61.92	156.36 11.93 -54.03	155.73 13.45 -37.17	156.64 15.40 -25.42	160.79 16.76 -12.10	168.63 17.86 -14.41	179.55 18.76 -15.40	202.87 16.14 -60.65	214.30 16.66 -67.44	188.58 13.41 -72.02	166.82 13.72 -50.73	156.90 12.54 -50.09	157.00 12.55 -48.62	157.40 12.04 -51.26	167.06 9.86 -78.93	159.98 10.48 -61.39
KIAC_JFK_GT2 23817	101.02 8.92 -5.47	98.10 8.22 -3.36	96.05 7.82 -6.80	93.19 7.93 0.00	91.63 7.74 -2.46	89.95 8.18 0.00	101.05 9.26 -0.05	120.97 9.44 -32.86	154.79 10.76 -61.92	156.36 11.93 -54.03	155.73 13.45 -37.17	156.64 15.40 -25.42	160.79 16.76 -12.10	168.63 17.86 -14.41	179.55 18.76 -15.40	202.87 16.14 -60.65	214.30 16.66 -67.44	188.58 13.41 -72.02	166.82 13.72 -50.73	156.90 12.54 -50.09	157.00 12.55 -48.62	157.40 12.04 -51.26	167.06 9.86 -78.93	159.98 10.48 -61.39
KINTIGH____ 23543	75.68 -11.61 -0.66	74.99 -11.94 -0.41	70.87 -11.40 -0.83	76.48 -8.78 0.00	72.73 -8.63 0.07	73.60 -8.18 0.00	79.53 -12.20 -0.01	67.13 -10.70 0.84	70.26 -11.17 0.69	78.05 -11.75 0.60	91.34 -13.24 0.51	100.99 -14.36 0.46	100.57 -15.96 15.40	105.73 -16.64 14.00	99.79 -17.88 27.72	102.90 -15.63 7.54	103.29 -15.88 11.02	89.55 -13.31 0.29	88.57 -13.21 0.60	81.32 -12.35 0.60	82.53 -12.55 0.75	81.33 -12.23 0.53	71.27 -9.78 -2.79	79.71 -9.96 -1.56
LEDERLE____ 23769	99.90 8.06 -5.22	97.12 7.35 -3.25	95.00 7.00 -6.56	92.34 7.08 0.00	90.65 6.84 -2.37	88.97 7.20 0.00	100.31 8.53 -0.05	113.36 8.73 -25.96	124.83 10.02 -32.69	130.29 11.12 -28.77	141.66 12.72 -23.84	154.99 14.82 -24.35	160.21 16.62 -11.66	167.61 17.86 -13.39	178.58 19.34 -13.84	198.04 17.15 -54.81	208.84 17.71 -60.94	183.01 13.82 -66.04	163.67 13.62 -47.68	148.67 12.44 -41.96	144.76 12.36 -36.57	131.50 11.67 -25.74	109.37 9.16 -21.95	109.91 9.51 -12.30



LINDEN COGEN____ 23786	100.26 8.23 -5.40	97.32 7.44 -3.36	95.32 7.08 -6.80	92.42 7.16 0.00	90.82 6.92 -2.46	89.22 7.44 0.00	100.50 8.71 -0.05	120.42 8.89 -32.86	125.99 10.02 -33.85	131.32 11.12 -29.80	142.40 12.61 -24.68	155.71 14.48 -25.42	160.00 15.96 -12.10	167.82 17.05 -14.41	171.92 17.59 -8.93	167.58 15.26 -26.24	165.37 15.75 -19.42	170.36 12.58 -54.62	165.90 12.80 -50.73	150.44 11.78 -44.39	145.49 11.79 -37.87	132.04 11.29 -26.66	114.48 9.23 -26.99	110.52 9.69 -12.73
LIPA_MISC_IPP 23656	111.24 11.09 -13.52	99.57 9.69 -3.36	98.41 10.18 -6.80	94.90 9.63 0.00	93.18 9.28 -2.46	91.75 9.98 0.00	104.16 12.38 -0.05	119.16 11.88 -28.61	132.64 12.89 -37.63	137.59 14.10 -33.08	147.59 15.98 -26.51	157.69 16.45 -25.42	160.53 16.49 -12.11	167.54 16.77 -14.41	178.39 17.59 -15.39	202.36 15.63 -60.65	214.82 17.19 -67.44	188.59 13.41 -72.03	167.34 14.23 -50.74	152.90 14.23 -44.39	150.36 15.05 -39.48	160.80 14.21 -52.51	144.81 11.97 -54.57	132.29 12.95 -31.24
LITTLE FALLS____HYD 24013	90.91 4.42 0.13	90.85 4.41 0.08	85.42 4.15 0.17	89.95 4.69 0.00	85.77 4.40 0.06	86.19 4.42 0.00	96.59 4.86 0.00	82.56 4.56 0.67	86.16 4.93 0.89	95.13 5.51 0.78	110.86 6.41 0.65	122.41 7.18 0.59	139.65 8.05 0.32	144.51 8.32 0.17	154.27 8.87 0.00	133.90 7.82 0.00	138.27 8.07 0.00	109.07 6.29 0.37	107.99 6.35 0.73	99.37 5.84 0.74	100.83 5.94 0.94	99.07 5.65 0.66	82.00 4.30 0.56	92.46 4.67 0.32
LONG_LAKE_PHOENIX 24014	84.86 -2.17 -0.40	84.44 -2.34 -0.25	79.66 -2.28 -0.51	83.56 -1.71 0.00	79.91 -1.71 -0.18	80.30 -1.47 0.00	89.71 -2.02 0.00	79.19 -1.49 -2.01	83.23 -1.40 -2.51	91.26 -1.36 -2.21	105.67 -1.26 -1.83	116.19 -1.27 -1.65	131.52 -1.32 -0.91	135.48 -1.36 -0.48	144.09 -1.31 0.00	125.07 -1.01 0.00	129.15 -1.04 0.00	103.15 -1.13 -1.13	103.46 -1.13 -1.13	95.37 -1.13 -1.13	97.62 -1.05 -2.84	94.96 -1.13 -2.00	78.71 -1.25 -1.70	87.47 -1.59 -0.95
LOVETT____3 23632	98.62 6.76 -5.24	95.84 6.06 -3.26	93.82 5.78 -6.60	91.06 5.80 0.00	89.44 5.62 -2.38	87.82 6.05 0.00	98.94 7.15 -0.05	112.15 7.39 -26.09	123.51 8.54 -32.85	128.72 9.40 -28.92	139.67 10.62 -23.96	152.71 12.39 -24.51	157.37 13.72 -11.72	164.63 14.73 -13.54	175.33 15.85 -14.08	195.90 14.12 -55.70	206.70 14.58 -61.92	181.54 11.45 -66.94	161.87 11.36 -48.13	147.05 10.46 -42.32	142.94 10.35 -36.75	129.75 9.79 -25.87	108.07 7.75 -22.06	108.48 8.02 -12.36
LOVETT____4 23642	99.15 7.28 -5.24	96.45 6.66 -3.26	94.39 6.35 -6.60	91.66 6.39 0.00	90.01 6.19 -2.39	88.40 6.62 0.00	99.58 7.80 -0.05	112.79 8.02 -26.10	124.10 9.12 -32.87	129.46 10.13 -28.93	140.52 11.46 -23.97	153.77 13.43 -24.52	158.56 14.91 -11.72	165.87 15.95 -13.55	176.80 17.30 -14.10	197.23 15.38 -55.77	207.95 15.75 -62.00	182.54 12.38 -67.01	162.83 12.28 -48.17	147.83 11.22 -42.35	143.81 11.21 -36.77	130.51 10.54 -25.88	108.63 8.30 -22.07	109.10 8.63 -12.36
LOVETT____5 23593	99.15 7.28 -5.24	96.45 6.66 -3.26	94.39 6.35 -6.60	91.66 6.39 0.00	90.01 6.19 -2.39	88.40 6.62 0.00	99.58 7.80 -0.05	112.79 8.02 -26.10	124.10 9.12 -32.87	129.46 10.13 -28.93	140.52 11.46 -23.97	153.77 13.43 -24.52	158.56 14.91 -11.72	165.87 15.95 -13.55	176.80 17.30 -14.10	197.23 15.38 -55.77	207.95 15.75 -62.00	182.54 12.38 -67.01	162.83 12.28 -48.17	147.83 11.22 -42.35	143.81 11.21 -36.77	130.51 10.54 -25.88	108.63 8.30 -22.07	109.10 8.63 -12.36
LOWER RAQUET____HYD 24057	84.29 -2.34 0.00	84.62 -1.90 0.00	79.40 -2.04 0.00	81.85 -3.41 0.00	78.18 -3.26 0.00	78.50 -3.27 0.00	90.08 -1.65 0.00	77.02 -1.65 0.00	79.74 -2.38 0.00	87.69 -2.71 0.00	101.95 -3.15 0.00	111.30 -4.52 0.00	126.52 -5.41 0.00	128.86 -7.50 0.00	137.55 -7.85 0.00	119.65 -6.43 0.00	123.55 -6.64 0.00	98.10 -5.05 0.00	98.17 -4.20 0.00	90.59 -3.68 0.00	91.90 -3.93 0.00	90.89 -3.20 0.00	75.44 -2.82 0.00	85.28 -2.82 0.00
LOWER____HUDSON 24059	100.27 6.76 -6.89	97.47 6.66 -4.29	95.89 5.78 -8.67	91.83 6.57 0.00	90.60 6.03 -3.14	88.56 6.79 0.00	98.77 6.97 -0.07	118.11 5.11 -34.32	130.54 5.09 -43.33	134.32 5.79 -38.13	143.95 7.25 -31.59	152.36 7.88 -28.67	156.61 8.97 -15.71	154.60 9.41 -8.83	156.10 9.74 -0.96	137.53 7.82 -3.63	142.31 8.07 -4.04	132.97 7.12 -22.70	148.14 6.76 -39.01	139.29 6.03 -38.99	150.83 6.52 -48.48	134.70 6.49 -34.12	112.58 5.32 -29.00	110.42 6.08 -16.24
LWR____OSWEGATCHIE_HYD 23850	85.33 -1.30 0.00	85.48 -1.04 0.00	80.05 -1.38 0.00	83.56 -1.71 0.00	79.65 -1.79 0.00	80.22 -1.55 0.00	91.18 -0.55 0.00	78.59 -0.08 0.00	81.63 -0.49 0.00	90.04 -0.36 0.00	104.89 -0.21 0.00	114.66 -1.16 0.00	130.61 -1.32 0.00	133.77 -2.59 0.00	142.49 -2.91 0.00	124.06 -2.02 0.00	128.11 -2.08 0.00	101.19 -1.96 0.00	101.25 -1.13 0.00	93.42 -0.85 0.00	94.88 -0.96 0.00	93.53 -0.56 0.00	77.17 -1.10 0.00	86.60 -1.50 0.00
LYONS_FALL_HYD 23570	86.54 -0.09 0.00	86.52 0.00 0.00	81.11 -0.33 0.00	85.43 0.17 0.00	81.44 0.00 0.00	82.02 0.25 0.00	92.28 0.55 0.00	79.85 1.18 0.00	83.27 1.15 0.00	91.94 1.54 0.00	107.41 2.31 0.00	118.13 2.32 0.00	134.57 2.64 0.00	138.82 2.45 0.00	147.73 2.33 0.00	128.35 2.27 0.00	132.54 2.34 0.00	104.39 1.24 0.00	104.01 1.64 0.00	95.87 1.60 0.00	97.56 1.72 0.00	95.78 1.69 0.00	78.81 0.55 0.00	88.19 0.09 0.00
MAPLE RIDGE_WT_1 323574	85.89 -0.43 0.30	85.99 -0.35 0.19	80.73 -0.33 0.38	84.58 -0.68 0.00	80.73 -0.57 0.14	81.12 -0.65 0.00	91.36 -0.37 0.00	76.70 -0.47 1.50	79.64 -0.57 1.90	88.09 -0.63 1.68	102.87 -0.84 1.39	113.52 -1.04 1.25	130.05 -1.19 0.69	134.77 -1.23 0.37	143.95 -1.45 0.00	124.82 -1.26 0.00	128.89 -1.30 0.00	101.38 -0.93 0.84	99.80 -0.92 1.65	91.76 -0.85 1.66	92.86 -0.86 2.11	91.85 -0.75 1.49	76.45 -0.55 1.26	86.86 -0.53 0.71
MAPLE RIDGE_WT_2 323611	85.89 -0.43 0.30	85.99 -0.35 0.19	80.73 -0.33 0.38	84.58 -0.68 0.00	80.73 -0.57 0.14	81.12 -0.65 0.00	91.36 -0.37 0.00	76.70 -0.47 1.50	79.64 -0.57 1.90	88.09 -0.63 1.68	102.87 -0.84 1.39	113.52 -1.04 1.25	130.05 -1.19 0.69	134.77 -1.23 0.37	143.95 -1.45 0.00	124.82 -1.26 0.00	128.89 -1.30 0.00	101.38 -0.93 0.84	99.80 -0.92 1.65	91.76 -0.85 1.66	92.86 -0.86 2.11	91.85 -0.75 1.49	76.45 -0.55 1.26	86.86 -0.53 0.71
MG INDUSTRY____DRP 24185	97.04 3.64 -6.78	94.37 3.63 -4.22	93.30 3.34 -8.53	89.01 3.75 0.00	88.02 3.50 -3.09	85.45 3.68 0.00	95.37 3.58 -0.07	115.50 3.07 -33.77	128.03 3.28 -42.62	131.63 3.71 -37.52	140.49 4.31 -31.08	148.70 4.86 -28.02	152.78 5.41 -15.44	150.29 5.73 -8.20	151.51 6.11 0.00	131.12 5.04 0.00	135.40 5.21 0.00	126.47 4.33 -18.98	143.70 4.20 -37.13	135.64 3.87 -37.50	147.45 3.93 -47.69	131.52 3.86 -33.57	109.92 3.13 -28.53	107.61 3.52 -15.98
MID____OSWEGATCHIE_HYD 23849	85.33 -1.30 0.00	85.48 -1.04 0.00	80.05 -1.38 0.00	83.56 -1.71 0.00	79.65 -1.79 0.00	80.22 -1.55 0.00	91.18 -0.55 0.00	78.59 -0.08 0.00	81.63 -0.49 0.00	90.04 -0.36 0.00	104.89 -0.21 0.00	114.66 -1.16 0.00	130.61 -1.32 0.00	133.77 -2.59 0.00	142.49 -2.91 0.00	124.06 -2.02 0.00	128.11 -2.08 0.00	101.19 -1.96 0.00	101.25 -1.13 0.00	93.42 -0.85 0.00	94.88 -0.96 0.00	93.53 -0.56 0.00	77.17 -1.10 0.00	86.60 -1.50 0.00
MID____RAQUETTE_HYD 23851	84.29 -2.34 0.00	84.62 -1.90 0.00	79.40 -2.04 0.00	81.85 -3.41 0.00	78.18 -3.26 0.00	78.50 -3.27 0.00	90.08 -1.65 0.00	77.02 -1.65 0.00	79.74 -2.38 0.00	87.69 -2.71 0.00	101.95 -3.15 0.00	111.30 -4.52 0.00	126.52 -5.41 0.00	128.86 -7.50 0.00	137.55 -7.85 0.00	119.65 -6.43 0.00	123.55 -6.64 0.00	98.10 -5.05 0.00	98.17 -4.20 0.00	90.59 -3.68 0.00	91.90 -3.93 0.00	90.89 -3.20 0.00	75.44 -2.82 0.00	85.28 -2.82 0.00



MILLIKEN___1 23584	84.36 -3.12 -0.85	83.50 -3.55 -0.53	78.84 -3.66 -1.07	83.04 -2.22 0.00	79.46 -2.36 -0.38	79.89 -1.88 0.00	89.17 -2.57 -0.01	81.66 -1.18 -4.17	86.69 -1.31 -5.89	94.86 -0.72 -5.18	109.50 0.11 -4.29	120.38 0.69 -3.87	132.88 0.79 -0.16	136.64 0.95 0.68	143.24 1.45 3.62	127.39 2.02 0.71	131.11 1.95 1.04	105.74 0.41 -2.18	107.14 0.51 -4.26	98.94 0.38 -4.30	101.87 0.58 -5.47	98.31 0.38 -3.85	80.74 -1.10 -3.58	88.17 -1.94 -2.00
MILLIKEN___2 23585	84.36 -3.12 -0.85	83.50 -3.55 -0.53	78.84 -3.66 -1.07	83.04 -2.22 0.00	79.46 -2.36 -0.38	79.89 -1.88 0.00	89.17 -2.57 -0.01	81.66 -1.18 -4.17	86.69 -1.31 -5.89	94.86 -0.72 -5.18	109.50 0.11 -4.29	120.38 0.69 -3.87	132.88 0.79 -0.16	136.64 0.95 0.68	143.24 1.45 3.62	127.39 2.02 0.71	131.11 1.95 1.04	105.74 0.41 -2.18	107.14 0.51 -4.26	98.94 0.38 -4.30	101.87 0.58 -5.47	98.31 0.38 -3.85	80.74 -1.10 -3.58	88.17 -1.94 -2.00
MILLIKEN___DIESEL 23629	84.36 -3.12 -0.85	83.50 -3.55 -0.53	78.84 -3.66 -1.07	83.04 -2.22 0.00	79.46 -2.36 -0.38	79.89 -1.88 0.00	89.17 -2.57 -0.01	81.66 -1.18 -4.17	86.69 -1.31 -5.89	94.86 -0.72 -5.18	109.50 0.11 -4.29	120.38 0.69 -3.87	132.88 0.79 -0.16	136.64 0.95 0.68	143.24 1.45 3.62	127.39 2.02 0.71	131.11 1.95 1.04	105.74 0.41 -2.18	107.14 0.51 -4.26	98.94 0.38 -4.30	101.87 0.58 -5.47	98.31 0.38 -3.85	80.74 -1.10 -3.58	88.17 -1.94 -2.00
MILLSEAT___LFGE 323607	77.65 -9.70 -0.72	76.85 -10.12 -0.45	72.49 -9.85 -0.91	78.70 -6.57 0.00	74.81 -6.60 0.03	75.80 -5.97 0.00	81.55 -10.18 -0.01	69.65 -8.57 0.44	75.12 -8.79 -1.78	83.02 -8.95 -1.57	96.51 -9.88 -1.29	106.56 -10.42 -1.16	112.47 -11.35 8.11	116.82 -11.86 7.68	116.57 -12.80 16.03	110.63 -11.09 4.35	112.64 -11.20 6.36	93.93 -10.01 -0.78	93.85 -10.03 -1.51	86.28 -9.52 -1.53	88.30 -9.49 -1.95	86.06 -9.41 -1.38	73.78 -7.51 -3.04	82.22 -7.58 -1.70
MODEL_CITY_ENERGY 24167	75.60 -11.78 -0.76	74.88 -12.11 -0.47	70.75 -11.65 -0.96	76.99 -8.27 0.00	73.13 -8.31 0.01	74.17 -7.60 0.00	79.26 -12.48 -0.01	67.68 -10.86 0.14	71.59 -11.50 -0.96	79.14 -12.11 -0.85	92.13 -13.66 -0.69	101.73 -14.71 -0.62	104.03 -16.23 11.67	108.50 -17.05 10.82	105.08 -18.32 22.00	104.09 -16.01 5.98	105.19 -16.27 8.73	89.86 -13.72 -0.42	89.47 -13.72 -0.81	82.27 -12.82 -0.82	83.95 -12.94 -1.06	82.23 -12.61 -0.74	71.68 -9.78 -3.20	80.11 -9.78 -1.79
MODERN_LFGE___ 323580	75.60 -11.78 -0.76	74.88 -12.11 -0.47	70.75 -11.65 -0.96	76.99 -8.27 0.00	73.13 -8.31 0.01	74.17 -7.60 0.00	79.26 -12.48 -0.01	67.68 -10.86 0.14	71.59 -11.50 -0.96	79.14 -12.11 -0.85	92.13 -13.66 -0.69	101.73 -14.71 -0.62	104.03 -16.23 11.67	108.50 -17.05 10.82	105.08 -18.32 22.00	104.09 -16.01 5.98	105.19 -16.27 8.73	89.86 -13.72 -0.42	89.47 -13.72 -0.81	82.27 -12.82 -0.82	83.95 -12.94 -1.06	82.23 -12.61 -0.74	71.68 -9.78 -3.20	80.11 -9.78 -1.79
MOHAWK_PAPER___DRP 24187	98.77 5.20 -6.95	95.95 5.10 -4.33	94.66 4.48 -8.75	90.29 5.03 0.00	89.41 4.80 -3.17	87.01 5.23 0.00	97.21 5.41 -0.07	117.47 4.17 -34.63	130.19 4.35 -43.72	133.85 4.97 -38.48	143.18 6.20 -31.88	151.39 6.83 -28.74	155.42 7.65 -15.84	152.82 8.05 -8.41	153.83 8.43 0.00	133.01 6.93 0.00	137.23 7.03 0.00	128.71 6.09 -19.47	146.19 5.73 -38.09	137.82 5.09 -38.46	150.21 5.46 -48.91	133.88 5.36 -34.43	111.83 4.30 -29.26	109.34 4.85 -16.39
MONGAUP___HYD 23641	97.90 6.32 -4.95	95.40 5.80 -3.08	93.20 5.54 -6.23	90.97 5.71 0.00	89.23 5.54 -2.25	87.50 5.72 0.00	98.57 6.79 -0.05	110.14 6.84 -24.63	120.93 7.80 -31.01	126.37 8.68 -27.29	137.70 9.98 -22.61	150.26 11.58 -22.87	156.00 13.06 -11.01	162.34 13.91 -12.07	172.42 15.12 -11.90	186.82 13.24 -47.51	196.67 13.67 -52.80	172.34 10.73 -58.45	156.68 10.65 -43.66	142.71 9.71 -38.73	140.20 9.68 -34.69	127.73 9.22 -24.42	106.29 7.20 -20.83	107.35 7.58 -11.67
MONTAUK___DIESEL 23721	118.00 17.84 -13.53	105.89 16.01 -3.36	104.28 16.04 -6.80	100.86 15.60 0.00	98.88 14.98 -2.46	97.47 15.70 0.00	110.59 18.80 -0.05	125.53 20.86 -28.61	140.61 23.96 -37.63	147.44 28.17 -33.08	159.78 30.81 -26.51	172.05 33.11 -25.42	177.15 34.50 -12.11	185.27 36.93 -14.41	197.72 32.78 -15.39	219.51 35.02 -60.65	232.66 35.02 -67.44	202.41 27.23 -72.03	180.45 27.33 -50.74	164.21 25.55 -44.39	161.48 26.16 -39.48	171.25 24.65 -52.51	152.71 19.88 -54.57	140.13 20.79 -31.24
MUNSVILLE_WIND_PWR 323609	88.94 0.78 -1.54	88.08 0.61 -0.96	83.29 -0.08 -1.93	86.97 1.71 0.00	83.18 1.06 -0.68	83.57 1.80 0.00	93.85 2.11 -0.02	89.53 3.38 -7.48	95.67 3.86 -9.69	103.54 4.61 -8.53	118.79 6.62 -7.07	129.71 7.53 -6.37	141.97 8.58 -1.46	145.49 9.14 0.01	151.54 9.89 3.75	134.55 9.33 0.86	138.31 9.37 1.26	113.20 5.98 -4.06	116.66 6.35 -7.94	108.04 5.75 -8.02	112.17 6.13 -10.20	106.92 5.65 -7.18	87.31 2.58 -6.47	93.58 1.85 -3.62
N SALMON___HYD 24042	83.68 -2.95 0.00	84.01 -2.51 0.00	78.91 -2.52 0.00	81.17 -4.09 0.00	77.53 -3.91 0.00	77.77 -4.01 0.00	89.71 -2.02 0.00	76.54 -2.12 0.00	79.33 -2.79 0.00	87.42 -2.98 0.00	101.63 -3.47 0.00	110.72 -5.10 0.00	110.35 -5.80 15.78	115.24 -6.68 14.44	108.95 -7.56 28.88	111.55 -6.68 7.85	112.08 -6.64 11.47	98.10 -5.05 0.00	97.97 -4.40 0.00	90.50 -3.77 0.00	91.62 -4.22 0.00	90.42 -3.67 0.00	74.74 -3.52 0.00	84.84 -3.26 0.00
N.E_GEN_SANDY PD 24062	99.27 6.24 -6.41	96.48 5.97 -3.99	95.04 5.54 -8.06	91.23 5.97 0.00	90.14 5.78 -2.92	90.43 6.13 -2.53	103.93 6.60 -5.60	108.11 5.59 -23.86	128.06 5.75 -40.20	132.29 6.51 -35.38	142.09 7.67 -29.31	151.95 8.45 -27.68	155.63 9.37 -14.33	157.02 9.95 -10.70	161.51 10.32 -5.79	158.61 8.45 -24.08	165.72 8.72 -26.80	150.97 7.32 -40.49	153.26 7.37 -43.52	142.20 6.69 -41.24	147.82 6.90 -45.09	132.60 6.77 -31.73	110.71 5.48 -26.97	109.64 6.43 -15.11
NARROWS_GT1_1 24228	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT1_2 24229	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT1_3 24230	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT1_4 24231	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82



NARROWS_GT1_5 24232	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT1_6 24233	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT1_7 24234	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT1_8 24235	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_1 24236	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_2 24237	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_3 24238	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_4 24239	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_5 24240	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_6 24241	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_7 24242	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NARROWS_GT2_8 24243	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NEG CAPITAL___MECHNVIL 23645	101.17 7.62 -6.92	98.27 7.44 -4.31	96.49 6.35 -8.71	92.51 7.25 0.00	91.43 6.84 -3.15	89.30 7.52 0.00	99.59 7.80 -0.07	118.80 5.66 -34.47	131.21 5.58 -43.51	135.21 6.51 -38.29	145.02 8.20 -31.73	153.66 9.03 -28.82	158.00 10.29 -15.78	156.19 10.91 -8.92	157.82 11.34 -1.08	139.48 9.33 -4.08	144.37 9.63 -4.54	134.81 8.46 -23.19	149.48 7.78 -39.33	140.32 6.79 -39.26	151.89 7.38 -48.68	135.79 7.43 -34.26	113.33 5.95 -29.12	111.11 6.70 -16.31
NEG CENTRAL_HIGH_ACRES 23767	80.02 -7.19 -0.59	79.36 -7.53 -0.37	74.85 -7.33 -0.74	79.80 -5.46 0.00	76.28 -5.46 -0.30	76.79 -4.99 0.00	84.49 -7.25 -0.01	75.85 -6.06 -3.24	80.21 -5.99 -4.08	87.94 -6.06 -3.60	101.67 -6.41 -2.98	111.78 -6.72 -2.69	127.03 -7.26 -2.36	130.32 -7.64 -1.59	138.87 -8.14 -1.61	119.61 -6.93 -0.46	123.84 -7.03 -0.68	98.54 -6.40 -1.78	99.30 -6.55 -3.48	91.56 -6.22 -3.51	94.07 -6.23 -4.47	91.03 -6.21 -3.14	75.26 -5.48 -2.47	83.67 -5.81 -1.39
NEG CENTRAL___DRP 24199	83.71 -3.55 -0.64	83.11 -3.81 -0.40	78.41 -3.83 -0.80	82.96 -2.30 0.00	79.37 -2.36 -0.30	79.73 -2.04 0.00	88.43 -3.30 -0.01	79.74 -2.20 -3.27	84.11 -1.97 -3.96	92.17 -1.72 -3.49	106.52 -1.47 -2.89	117.26 -1.16 -2.61	131.51 -1.32 -0.90	135.41 -1.23 -0.27	143.41 -1.02 0.98	125.09 -0.76 0.24	129.07 -0.78 0.34	103.53 -1.34 -1.72	104.40 -1.33 -3.36	96.25 -1.41 -3.39	98.90 -1.25 -4.31	95.72 -1.41 -3.04	79.14 -1.80 -2.68	87.31 -2.29 -1.50
NEG CENTRAL___INDECK 23768	82.27 -5.20 -0.84	81.42 -5.62 -0.53	76.96 -5.54 -1.06	82.45 -2.81 0.00	78.91 -2.93 -0.40	79.48 -2.29 0.00	86.97 -4.77 -0.01	79.63 -3.46 -4.42	83.32 -3.04 -4.24	91.51 -2.62 -3.73	105.87 -2.31 -3.09	116.74 -1.85 -2.78	127.89 -1.72 2.32	131.87 -1.77 2.72	136.74 -1.60 7.06	123.32 -0.88 1.88	126.53 -0.91 2.75	102.92 -2.06 -1.83	103.69 -2.25 -3.57	95.51 -2.36 -3.60	98.21 -2.20 -4.58	94.87 -2.45 -3.23	79.15 -2.66 -3.55	87.09 -3.00 -1.99



NEG CENTRAL____SENECA 23627	82.91 -4.42 -0.71	82.20 -4.76 -0.44	77.60 -4.72 -0.89	82.36 -2.90 0.00	78.84 -2.93 -0.33	79.32 -2.45 0.00	87.70 -4.04 -0.01	79.56 -2.75 -3.64	84.00 -2.46 -4.35	92.06 -2.17 -3.83	106.38 -1.89 -3.17	117.17 -1.51 -2.86	130.82 -1.85 -0.74	134.66 -1.77 -0.07	142.41 -1.45 1.53	124.69 -1.01 0.38	128.60 -1.04 0.55	103.37 -1.65 -1.87	104.29 -1.74 -3.66	96.17 -1.79 -3.69	98.81 -1.73 -4.70	95.52 -1.88 -3.31	78.89 -2.35 -2.97	86.86 -2.91 -1.66
NEG CENTRAL____STATE_STREET 24147	85.35 -1.91 -0.63	84.66 -2.25 -0.39	79.87 -2.36 -0.79	84.41 -0.85 0.00	80.67 -1.06 -0.29	81.20 -0.57 0.00	90.36 -1.38 -0.01	81.49 -0.39 -3.21	86.03 -0.16 -4.08	94.35 0.36 -3.59	109.23 1.16 -2.97	120.23 1.74 -2.68	135.07 2.11 -1.03	139.05 2.32 -0.37	147.34 2.76 0.82	128.57 2.65 0.16	132.69 2.73 0.23	106.00 1.13 -1.71	107.05 1.33 -3.35	98.69 1.04 -3.39	101.38 1.25 -4.31	98.16 1.03 -3.03	80.75 -0.16 -2.64	88.97 -0.62 -1.48
NEG MILLWOOD____DRP 24198	100.21 8.06 -5.53	97.32 7.35 -3.44	95.48 7.08 -6.95	92.34 7.08 0.00	90.87 6.92 -2.51	89.13 7.36 0.00	100.41 8.62 -0.06	114.83 8.65 -27.51	126.45 9.69 -34.64	131.65 10.76 -30.49	142.77 12.40 -25.26	155.67 14.25 -25.61	160.53 16.23 -12.38	167.38 17.32 -13.70	177.73 18.61 -13.72	196.73 16.39 -54.26	207.45 16.93 -60.33	182.85 13.31 -66.39	164.66 13.10 -49.19	149.88 12.07 -43.55	146.57 11.98 -38.75	132.75 11.39 -27.28	110.52 9.00 -23.26	110.73 9.60 -13.03
NEG NORTH_FLCN_SEA 23793	82.12 -4.50 0.00	82.45 -4.07 0.00	77.45 -3.99 0.00	79.63 -5.63 0.00	76.22 -5.21 0.00	76.29 -5.48 0.00	87.97 -3.76 0.00	74.81 -3.85 0.00	77.44 -4.68 0.00	85.34 -5.06 0.00	99.11 -5.99 0.00	108.17 -7.64 0.00	107.45 -8.71 15.78	112.51 -10.47 14.44	106.05 -9.33 28.88	108.90 -9.37 7.85	109.35 -9.37 11.47	96.04 -7.12 0.00	95.72 -6.65 0.00	88.33 -5.94 0.00	89.51 -6.32 0.00	88.16 -5.93 0.00	73.25 -5.01 0.00	83.17 -4.93 0.00
NEG NORTH_KES_CHATEGAY 23792	83.42 -3.21 0.00	83.67 -2.86 0.00	78.67 -2.77 0.00	80.83 -4.43 0.00	77.37 -4.07 0.00	77.44 -4.33 0.00	88.98 -2.75 0.00	75.60 -3.07 0.00	78.34 -3.78 0.00	86.15 -4.25 0.00	99.95 -5.15 0.00	109.21 -6.60 0.00	108.63 -7.52 15.78	113.74 -8.18 14.44	107.50 -9.01 28.88	110.29 -7.94 7.85	110.65 -8.07 11.47	97.17 -5.98 0.00	96.74 -5.63 0.00	89.27 -5.00 0.00	90.47 -5.37 0.00	89.20 -4.89 0.00	74.35 -3.91 0.00	84.31 -3.79 0.00
NEG NORTH____ALICE_FALLS 23915	82.81 -3.81 0.00	83.15 -3.37 0.00	78.10 -3.34 0.00	80.40 -4.86 0.00	76.88 -4.56 0.00	77.03 -4.74 0.00	88.88 -2.84 0.00	75.68 -2.99 0.00	78.34 -3.78 0.00	86.33 -4.07 0.00	100.37 -4.73 0.00	109.45 -6.37 0.00	108.90 -7.26 15.78	114.01 -7.91 14.44	107.65 -8.87 28.88	110.29 -7.94 7.85	110.78 -7.94 11.47	97.17 -5.98 0.00	96.84 -5.53 0.00	89.46 -4.81 0.00	90.56 -5.27 0.00	89.29 -4.80 0.00	73.96 -4.30 0.00	84.05 -4.05 0.00
NEG NORTH____LWR_SARANAC 23913	82.81 -3.81 0.00	83.15 -3.37 0.00	78.18 -3.26 0.00	80.40 -4.86 0.00	76.88 -4.56 0.00	77.03 -4.74 0.00	88.88 -2.84 0.00	75.68 -2.99 0.00	78.34 -3.78 0.00	86.33 -4.07 0.00	100.37 -4.73 0.00	109.45 -6.37 0.00	108.90 -7.26 15.78	114.01 -7.91 14.44	107.65 -8.87 28.88	110.29 -7.94 7.85	110.78 -7.94 11.47	97.17 -5.98 0.00	96.84 -5.53 0.00	89.46 -4.81 0.00	90.56 -5.27 0.00	89.29 -4.80 0.00	73.96 -4.30 0.00	84.05 -4.05 0.00
NEG NORTH____PLATTSBURG 23628	82.81 -3.81 0.00	83.15 -3.37 0.00	78.10 -3.34 0.00	80.40 -4.86 0.00	76.88 -4.56 0.00	77.03 -4.74 0.00	88.88 -2.84 0.00	75.68 -2.99 0.00	78.34 -3.78 0.00	86.33 -4.07 0.00	100.37 -4.73 0.00	109.45 -6.37 0.00	108.90 -7.26 15.78	114.01 -7.91 14.44	107.65 -8.87 28.88	110.29 -7.94 7.85	110.78 -7.94 11.47	97.17 -5.98 0.00	96.84 -5.53 0.00	89.46 -4.81 0.00	90.56 -5.27 0.00	89.29 -4.80 0.00	73.96 -4.30 0.00	84.05 -4.05 0.00
NEG WEST_LEA_LOCKPORT 23791	75.85 -11.52 -0.75	75.13 -11.85 -0.47	70.98 -11.40 -0.94	77.16 -8.10 0.00	73.36 -8.06 0.01	74.33 -7.44 0.00	79.63 -12.11 -0.01	67.90 -10.54 0.23	72.22 -11.09 -1.19	79.88 -11.57 -1.05	92.82 -13.14 -0.86	102.57 -14.01 -0.77	105.64 -15.57 10.72	110.16 -16.23 9.98	107.55 -17.45 20.41	105.41 -15.13 5.54	106.73 -15.36 8.10	90.57 -13.10 -0.52	90.27 -13.10 -1.00	83.03 -12.26 -1.01	84.77 -12.36 -1.30	82.87 -12.14 -0.92	72.03 -9.39 -3.16	80.44 -9.43 -1.77
NEG WEST____LANCASTR 23811	77.32 -10.22 -0.92	76.45 -10.64 -0.57	72.33 -10.26 -1.15	77.67 -7.59 0.00	74.06 -7.49 -0.12	74.82 -6.95 0.00	81.01 -10.73 -0.01	71.48 -8.42 -1.23	75.90 -8.29 -2.07	83.73 -8.50 -1.82	96.72 -9.88 -1.50	107.55 -9.61 -1.35	110.19 -10.82 10.93	115.44 -10.64 10.29	112.98 -11.05 21.37	111.58 -8.70 5.80	112.73 -8.98 8.48	95.61 -8.46 -0.91	95.54 -8.60 -1.76	87.85 -8.20 -1.78	89.96 -8.15 -2.28	87.13 -8.56 -1.60	74.84 -7.28 -3.85	81.98 -8.28 -2.16
NEG_PENN_ALLEGHNY 23528	87.69 -0.69 -1.75	86.75 -0.87 -1.09	82.75 -0.90 -2.21	85.35 0.09 0.00	82.21 0.00 -0.77	81.94 0.16 0.00	91.38 -0.37 -0.02	87.62 0.55 -8.40	93.58 1.07 -10.39	100.91 1.36 -9.15	114.25 1.58 -7.58	125.08 2.43 -6.83	136.08 2.77 -1.38	139.45 3.27 0.19	145.10 4.07 4.37	128.96 4.03 1.16	132.54 4.04 1.69	110.21 2.48 -4.58	113.79 2.46 -8.96	105.39 2.07 -9.05	109.45 2.11 -11.51	103.98 1.79 -8.10	86.43 0.78 -7.38	92.50 0.26 -4.14
NEG____GEN_MONROE 24207	80.42 -6.84 -0.64	79.74 -7.18 -0.40	75.15 -7.08 -0.80	80.74 -4.52 0.00	76.78 -4.56 0.09	77.77 -4.01 0.00	84.85 -6.88 -0.01	71.98 -5.59 1.10	80.07 -5.50 -3.45	88.11 -5.33 -3.04	102.15 -5.47 -2.52	112.53 -5.56 -2.27	125.40 -5.80 0.72	129.08 -6.14 1.14	135.38 -6.40 3.62	119.69 -5.42 0.96	123.19 -5.60 1.41	99.20 -5.47 -1.51	99.69 -5.63 -2.95	91.78 -5.47 -2.98	94.16 -5.46 -3.79	91.30 -5.46 -2.67	76.17 -4.77 -2.68	84.76 -4.85 -1.50
NEPA____ENERGY 23901	78.22 -9.44 -1.04	77.39 -9.78 -0.65	73.46 -9.28 -1.30	77.93 -7.33 0.00	74.50 -7.17 -0.23	75.07 -6.71 0.00	82.29 -9.45 -0.01	74.40 -6.69 -2.42	79.45 -5.99 -3.33	86.91 -6.42 -2.93	99.74 -7.78 -2.42	111.16 -6.83 -2.18	115.15 -7.78 9.00	120.57 -7.09 8.70	120.18 -6.54 18.67	116.98 -4.03 5.06	118.24 -4.56 7.40	99.56 -5.05 -1.46	99.89 -5.32 -2.84	91.86 -5.28 -2.87	94.22 -5.27 -3.66	90.55 -6.12 -2.58	76.44 -6.18 -4.36	82.70 -7.84 -2.44
NEVERSINK____HYD 23608	98.22 6.93 -4.66	95.91 6.49 -2.90	93.57 6.27 -5.86	91.74 6.48 0.00	89.83 6.27 -2.12	88.07 6.30 0.00	99.02 7.25 -0.05	109.09 7.24 -23.18	120.02 8.46 -29.44	125.72 9.40 -25.92	137.50 10.93 -21.47	149.48 12.62 -21.04	156.69 14.38 -10.38	161.04 15.00 -9.68	169.80 16.58 -7.83	172.79 14.37 -32.34	180.57 14.45 -35.93	157.64 11.04 -43.45	150.11 10.95 -36.79	137.90 10.18 -33.45	138.83 10.35 -32.65	126.95 9.88 -22.98	105.55 7.67 -19.61	107.28 8.19 -10.99
NEWTON____FALLS_HYD 23847	85.33 -1.30 0.00	85.48 -1.04 0.00	80.05 -1.38 0.00	83.56 -1.71 0.00	79.65 -1.79 0.00	80.22 -1.55 0.00	91.18 -0.55 0.00	78.59 -0.08 0.00	81.63 -0.49 0.00	90.04 -0.36 0.00	104.89 -0.21 0.00	114.66 -1.16 0.00	130.61 -1.32 0.00	133.77 -2.59 0.00	142.49 -2.91 0.00	124.06 -2.02 0.00	128.11 -2.08 0.00	101.19 -1.96 0.00	101.25 -1.13 0.00	93.42 -0.85 0.00	94.88 -0.96 0.00	93.53 -0.56 0.00	77.17 -1.10 0.00	86.60 -1.50 0.00
NIAGARA____ 23760	74.81 -12.56 -0.75	74.10 -12.89 -0.47	70.00 -12.38 -0.94	76.14 -9.12 0.00	72.47 -8.96 0.01	73.35 -8.42 0.00	78.44 -13.30 -0.01	66.65 -11.80 0.22	69.47 -12.56 0.08	77.04 -13.29 0.07	90.00 -15.03 0.07	99.42 -16.33 0.07	98.83 -18.07 15.03	103.66 -18.95 13.75	97.59 -20.36 27.45	100.84 -17.78 7.46	101.19 -18.10 10.91	88.06 -15.06 0.03	87.34 -14.95 0.08	80.23 -13.95 0.08	81.56 -14.18 0.09	80.20 -13.83 0.06	70.69 -10.72 -3.15	79.29 -10.57 -1.76



NINE_MILE_1 23575	84.18 -2.77 -0.33	83.87 -2.86 -0.20	79.08 -2.77 -0.41	83.04 -2.22 0.00	79.39 -2.20 -0.15	79.65 -2.13 0.00	88.98 -2.75 0.00	78.11 -2.20 -1.64	82.06 -2.14 -2.07	90.06 -2.17 -1.83	104.20 -2.42 -1.51	114.75 -2.43 -1.36	129.91 -2.77 -0.75	133.90 -2.86 -0.40	142.49 -2.91 0.00	123.56 -2.52 0.00	127.59 -2.60 0.00	101.70 -2.37 -0.92	101.82 -2.35 -1.80	93.92 -2.17 -1.82	95.95 -2.20 -2.32	93.56 -2.16 -1.63	77.61 -2.03 -1.39	86.59 -2.29 -0.78
NINE_MILE_2 23744	84.27 -2.69 -0.33	83.87 -2.86 -0.20	79.16 -2.69 -0.41	83.04 -2.22 0.00	79.39 -2.20 -0.15	79.65 -2.13 0.00	88.98 -2.75 0.00	78.10 -2.20 -1.63	82.05 -2.14 -2.06	90.05 -2.17 -1.81	104.29 -2.31 -1.50	114.74 -2.43 -1.36	129.91 -2.77 -0.75	133.89 -2.86 -0.40	142.49 -2.91 0.00	123.56 -2.52 0.00	127.59 -2.60 0.00	101.70 -2.37 -0.92	101.81 -2.35 -1.79	93.91 -2.17 -1.81	95.93 -2.20 -2.30	93.55 -2.16 -1.62	77.60 -2.03 -1.38	86.58 -2.29 -0.77
NM_CAPITAL___DRP 24208	98.02 4.50 -6.89	95.22 4.41 -4.29	94.02 3.91 -8.67	89.70 4.43 0.00	88.81 4.23 -3.14	86.35 4.58 0.00	96.48 4.68 -0.07	116.63 3.62 -34.34	129.16 3.70 -43.34	132.80 4.25 -38.15	141.96 5.26 -31.61	150.10 5.79 -28.50	154.23 6.60 -15.70	151.52 6.82 -8.34	152.52 7.12 0.00	131.88 5.80 0.00	136.18 5.99 0.00	127.62 5.16 0.00	144.95 4.81 -37.76	136.74 4.34 -38.14	148.93 4.60 -48.50	132.74 4.52 -34.13	110.95 3.68 -29.01	108.58 4.23 -16.25
NM_CENTRAL___DRP 24181	85.66 -1.39 -0.42	85.22 -1.56 -0.26	80.33 -1.63 -0.52	84.49 -0.77 0.00	80.65 -0.98 -0.19	81.12 -0.65 0.00	90.54 -1.19 0.00	80.12 -0.63 -2.08	84.39 -0.25 -2.52	92.62 0.00 -2.22	107.25 0.32 -1.84	118.05 0.58 -1.66	133.63 0.79 -0.91	137.80 0.95 -0.48	146.56 1.16 0.00	127.09 1.01 0.00	131.24 1.04 0.00	104.53 0.21 -1.17	104.86 0.20 -2.28	96.67 0.09 -2.30	98.96 0.19 -2.93	96.25 0.09 -2.06	79.62 -0.39 -1.75	88.38 -0.70 -0.98
NM_FRONTIER___DRP 24179	74.91 -12.47 -0.76	74.19 -12.81 -0.47	70.10 -12.30 -0.96	76.39 -8.87 0.00	72.56 -8.88 0.00	73.51 -8.26 0.00	78.53 -13.21 -0.01	66.75 -11.80 0.12	69.94 -12.48 -0.31	77.47 -13.20 -0.27	90.28 -15.03 -0.21	99.79 -16.21 -0.19	100.03 -17.94 13.96	104.59 -18.95 12.82	99.30 -20.36 25.75	101.30 -17.78 7.00	102.00 -17.97 10.23	88.23 -15.06 -0.14	87.67 -14.95 -0.25	80.57 -13.95 -0.25	81.98 -14.18 -0.33	80.50 -13.83 -0.24	70.90 -10.57 -3.21	79.41 -10.48 -1.80
NM_ST_REGIS___HYD 24053	84.11 -2.51 0.00	84.44 -2.08 0.00	79.32 -2.12 0.00	81.68 -3.58 0.00	77.94 -3.50 0.00	78.26 -3.52 0.00	89.99 -1.74 0.00	76.86 -1.81 0.00	79.57 -2.55 0.00	87.51 -2.89 0.00	101.74 -3.36 0.00	110.95 -4.86 0.00	110.48 -5.67 15.78	114.42 -7.50 14.44	108.52 -8.00 28.88	111.55 -6.68 7.85	111.95 -6.77 11.47	98.00 -5.16 0.00	97.97 -4.40 0.00	90.50 -3.77 0.00	91.71 -4.12 0.00	90.70 -3.39 0.00	75.29 -2.97 0.00	85.11 -3.00 0.00
NORTHPORT___1 23551	110.20 10.14 -13.44	98.79 8.91 -3.36	97.19 8.96 -6.80	93.70 8.44 0.00	92.04 8.14 -2.46	90.60 8.83 0.00	102.70 10.92 -0.05	118.10 10.86 -28.57	131.33 11.58 -37.63	135.87 12.39 -33.08	145.59 13.98 -26.51	155.49 14.25 -25.42	157.76 13.72 -12.11	164.68 13.91 -14.41	175.19 14.39 -15.39	199.46 12.73 -60.65	211.31 13.67 -67.44	185.80 10.62 -72.03	164.68 11.57 -50.74	151.11 12.44 -44.39	148.35 13.03 -39.48	159.02 12.42 -52.51	143.55 10.72 -54.57	131.13 11.81 -31.22
NORTHPORT___2 23552	110.20 10.14 -13.44	98.79 8.91 -3.36	97.19 8.96 -6.80	93.70 8.44 0.00	92.04 8.14 -2.46	90.60 8.83 0.00	102.70 10.92 -0.05	118.10 10.86 -28.57	131.33 11.58 -37.63	135.87 12.39 -33.08	145.59 13.98 -26.51	155.49 14.25 -25.42	157.76 13.72 -12.11	164.68 13.91 -14.41	175.19 14.39 -15.39	199.46 12.73 -60.65	211.31 13.67 -67.44	185.80 10.62 -72.03	164.68 11.57 -50.74	151.11 12.44 -44.39	148.35 13.03 -39.48	159.02 12.42 -52.51	143.55 10.72 -54.57	131.13 11.81 -31.22
NORTHPORT___3 23553	108.46 8.40 -13.43	97.06 7.18 -3.36	95.40 7.17 -6.80	91.83 6.57 0.00	90.25 6.35 -2.46	88.72 6.95 0.00	100.59 8.81 -0.05	116.36 9.13 -28.57	129.36 9.61 -37.63	133.70 10.22 -33.08	143.16 11.56 -26.50	153.05 11.81 -25.42	155.77 11.74 -12.10	163.17 12.41 -14.40	174.02 13.23 -15.39	198.45 11.73 -60.64	210.13 12.50 -67.43	184.87 9.70 -72.02	163.24 10.13 -50.73	149.03 10.37 -44.39	146.04 10.73 -39.47	156.75 10.16 -52.50	141.05 8.22 -54.57	128.22 8.90 -31.22
NORTHPORT___4 23650	108.46 8.40 -13.43	97.06 7.18 -3.36	95.40 7.17 -6.80	91.83 6.57 0.00	90.25 6.35 -2.46	88.72 6.95 0.00	100.59 8.81 -0.05	116.36 9.13 -28.57	129.36 9.61 -37.63	133.70 10.22 -33.08	143.16 11.56 -26.50	153.05 11.81 -25.42	155.77 11.74 -12.10	163.17 12.41 -14.40	174.02 13.23 -15.39	198.45 11.73 -60.64	210.13 12.50 -67.43	184.87 9.70 -72.02	163.24 10.13 -50.73	149.03 10.37 -44.39	146.04 10.73 -39.47	156.75 10.16 -52.50	141.05 8.22 -54.57	128.22 8.90 -31.22
NORTHPORT___IC 23718	110.20 10.14 -13.44	98.79 8.91 -3.36	97.19 8.96 -6.80	93.70 8.44 0.00	92.04 8.14 -2.46	90.60 8.83 0.00	102.70 10.92 -0.05	118.10 10.86 -28.57	131.33 11.58 -37.63	135.87 12.39 -33.08	145.59 13.98 -26.51	155.49 14.25 -25.42	157.76 13.72 -12.11	164.68 13.91 -14.41	175.19 14.39 -15.39	199.46 12.73 -60.65	211.31 13.67 -67.44	185.80 10.62 -72.03	164.68 11.57 -50.74	151.11 12.44 -44.39	148.35 13.03 -39.48	159.02 12.42 -52.51	143.55 10.72 -54.57	131.13 11.81 -31.22
NPX_GEN_1385_PROXY 323591	110.37 10.31 -13.44	98.97 9.08 -3.36	97.35 9.12 -6.80	93.87 8.61 0.00	92.20 8.31 -2.46	93.21 8.91 -2.53	100.26 11.01 2.47	118.18 10.93 -28.57	131.49 11.74 -37.63	136.05 12.57 -33.08	145.80 14.19 -26.51	155.72 14.48 -25.42	157.89 13.85 -12.11	164.95 14.18 -14.41	175.48 14.69 -15.39	199.72 12.99 -60.65	211.57 13.93 -67.44	186.01 10.83 -72.03	164.88 11.77 -50.74	151.30 12.63 -44.39	148.54 13.23 -39.48	159.20 12.61 -52.51	143.63 10.80 -54.57	131.30 11.98 -31.22
NPX_GEN_CSC 323557	110.89 10.74 -13.52	99.23 9.34 -3.36	98.33 10.10 -6.80	94.81 9.55 0.00	93.10 9.20 -2.46	94.19 9.89 -2.53	101.55 12.29 2.47	118.84 11.56 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.11 15.87 -25.42	159.87 15.83 -12.11	166.86 16.09 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.17 16.53 -67.44	188.07 12.89 -72.03	166.93 13.82 -50.74	152.52 13.86 -44.39	149.88 14.57 -39.48	160.33 13.74 -52.51	144.49 11.66 -54.57	131.94 12.60 -31.24
NSINS_S_GLNS_FALLS 23858	102.08 8.40 -7.05	98.96 8.05 -4.39	96.91 6.60 -8.88	92.94 7.67 0.00	92.30 7.66 -3.21	90.03 8.26 0.00	100.42 8.62 -0.07	119.56 5.74 -35.15	131.41 4.93 -44.36	135.32 5.88 -39.05	145.23 7.78 -32.35	153.38 8.11 -29.46	157.65 9.63 -16.09	156.16 10.50 -9.30	157.65 10.76 -1.49	140.29 8.57 -5.64	145.19 8.72 -6.27	136.75 8.56 -25.03	150.57 7.58 -40.62	141.25 6.60 -40.39	152.94 7.47 -49.64	136.65 7.62 -34.94	114.06 6.10 -29.69	111.69 6.96 -16.63
NUCOR_STEEL___DRP 24197	85.00 -2.25 -0.62	84.40 -2.51 -0.39	79.53 -2.69 -0.79	84.15 -1.11 0.00	80.34 -1.38 -0.29	80.87 -0.90 0.00	89.99 -1.74 -0.01	81.07 -0.79 -3.19	85.59 -0.66 -4.13	93.86 -0.18 -3.63	108.64 0.53 -3.01	119.57 1.04 -2.71	134.20 1.19 -1.08	138.14 1.36 -0.41	146.53 1.89 0.76	127.97 1.89 0.00	132.15 1.95 0.00	105.42 0.52 -1.75	106.61 0.82 -3.42	98.29 0.57 -3.46	100.99 0.77 -4.39	97.75 0.56 -3.09	80.42 -0.47 -2.63	88.60 -0.97 -1.47
NYISO_LBMP_REFERENCE 24008	86.63 0.00 0.00	86.52 0.00 0.00	81.44 0.00 0.00	85.26 0.00 0.00	81.44 0.00 0.00	81.77 0.00 0.00	91.73 0.00 0.00	78.67 0.00 0.00	82.12 0.00 0.00	90.40 0.00 0.00	105.10 0.00 0.00	115.82 0.00 0.00	131.93 0.00 0.00	136.36 0.00 0.00	145.40 0.00 0.00	126.08 0.00 0.00	130.19 0.00 0.00	103.15 0.00 0.00	102.37 0.00 0.00	94.27 0.00 0.00	95.83 0.00 0.00	94.09 0.00 0.00	78.26 0.00 0.00	88.10 0.00 0.00



NYPA_BRENTWD____GT 24164	111.53 11.26 -13.64	99.75 9.86 -3.36	98.09 9.85 -6.80	94.64 9.38 0.00	92.93 9.04 -2.46	91.50 9.73 0.00	103.80 12.02 -0.05	119.29 11.96 -28.66	132.72 12.97 -37.63	137.68 14.19 -33.08	147.27 15.66 -26.51	157.57 16.33 -25.42	160.26 16.23 -12.11	167.13 16.36 -14.41	178.10 17.30 -15.39	202.11 15.38 -60.65	214.17 16.53 -67.44	188.07 12.89 -72.03	167.03 13.92 -50.74	152.80 14.14 -44.39	150.07 14.76 -39.48	160.52 13.93 -52.51	144.96 12.13 -54.57	132.40 13.04 -31.26
NYPA_GOWANUS____GT5 24156	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NYPA_GOWANUS____GT6 24157	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82
NYPA_HARLEM__RVR__GT1 24160	100.68 8.58 -5.48	97.59 7.70 -3.37	95.73 7.49 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.11 12.82 -37.18	155.84 14.59 -25.43	159.86 15.83 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.85 15.13 -60.65	213.25 15.62 -67.43	187.75 12.58 -72.01	165.89 12.80 -50.72	156.43 12.07 -50.10	156.44 11.98 -48.62	156.93 11.57 -51.27	166.99 9.78 -78.94	159.81 10.31 -61.40
NYPA_HARLEM__RVR__GT2 24161	100.68 8.58 -5.48	97.59 7.70 -3.37	95.73 7.49 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.11 12.82 -37.18	155.84 14.59 -25.43	159.86 15.83 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.85 15.13 -60.65	213.25 15.62 -67.43	187.75 12.58 -72.01	165.89 12.80 -50.72	156.43 12.07 -50.10	156.44 11.98 -48.62	156.93 11.57 -51.27	166.99 9.78 -78.94	159.81 10.31 -61.40
NYPA_KENT____GT 24152	152.19 9.10 -56.46	150.25 8.31 -55.43	96.06 7.82 -6.81	93.20 7.93 -0.01	91.56 7.66 -2.47	91.61 8.18 -1.66	152.09 9.45 -50.91	160.22 9.60 -71.95	170.00 10.68 -77.20	216.42 11.84 -114.18	226.56 13.45 -108.01	225.31 15.40 -94.09	224.48 17.02 -75.53	226.65 18.00 -72.29	230.88 18.90 -66.58	240.25 16.39 -97.78	244.77 16.93 -97.65	234.54 13.62 -117.77	228.13 13.72 -112.04	225.80 12.63 -118.90	225.88 12.55 -117.49	225.92 12.14 -119.69	231.17 9.94 -142.97	183.85 10.57 -85.17
NYPA_POUCH1____GT 24155	169.18 9.10 -73.46	167.49 8.22 -72.75	95.98 7.74 -6.80	93.03 7.76 -0.01	91.39 7.49 -2.47	91.92 7.93 -2.21	168.83 9.26 -67.84	173.18 9.52 -84.99	188.46 10.76 -95.58	298.37 11.84 -196.12	320.82 13.45 -202.26	314.73 15.40 -183.51	312.67 17.15 -163.59	309.27 18.14 -154.77	306.49 19.05 -142.04	306.82 16.64 -164.10	306.80 17.19 -159.42	306.73 13.82 -189.75	310.34 13.92 -194.05	317.40 12.73 -210.41	319.71 12.75 -211.13	325.94 12.23 -219.61	334.12 9.94 -245.92	228.66 10.57 -129.99
NYPA_VERNON____GT2 24162	156.59 8.92 -61.04	154.75 8.13 -60.09	95.98 7.74 -6.81	93.20 7.93 -0.01	91.56 7.66 -2.47	91.68 8.10 -1.81	156.64 9.45 -55.47	163.55 9.44 -75.44	171.03 10.51 -78.40	187.02 11.66 -84.96	188.39 13.24 -70.04	185.77 15.17 -54.79	184.17 16.76 -35.49	188.38 17.73 -34.30	196.99 18.61 -32.98	215.63 16.14 -73.41	224.68 16.66 -77.82	204.30 13.41 -87.74	191.36 13.51 -75.47	186.73 12.44 -80.01	186.98 12.36 -78.78	186.96 11.95 -80.92	197.45 9.78 -109.41	176.02 10.40 -77.52
NYPA_VERNON____GT3 24163	156.59 8.92 -61.04	154.75 8.13 -60.09	95.98 7.74 -6.81	93.20 7.93 -0.01	91.56 7.66 -2.47	91.68 8.10 -1.81	156.64 9.45 -55.47	163.55 9.44 -75.44	171.03 10.51 -78.40	187.02 11.66 -84.96	188.39 13.24 -70.04	185.77 15.17 -54.79	184.17 16.76 -35.49	188.38 17.73 -34.30	196.99 18.61 -32.98	215.63 16.14 -73.41	224.68 16.66 -77.82	204.30 13.41 -87.74	191.36 13.51 -75.47	186.73 12.44 -80.01	186.98 12.36 -78.78	186.96 11.95 -80.92	197.45 9.78 -109.41	176.02 10.40 -77.52
NYPA____ASTORIA_CC1 323568	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	171.10 13.51 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40
NYPA____ASTORIA_CC2 323569	147.42 8.92 -51.87	145.40 8.13 -50.74	95.98 7.74 -6.80	93.11 7.84 -0.01	91.56 7.66 -2.47	91.38 8.10 -1.51	147.42 9.36 -46.33	156.56 9.44 -68.45	162.57 10.43 -70.02	163.69 11.57 -61.71	163.33 13.14 -45.09	163.33 15.06 -32.46	162.60 16.62 -14.05	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	171.10 13.51 -55.21	163.33 12.44 -56.62	162.60 12.36 -54.40	159.90 11.95 -53.86	166.99 9.78 -78.94	159.90 10.40 -61.40
NYPA____HOLTSVILL 23794	110.88 10.74 -13.51	99.23 9.34 -3.36	97.92 9.69 -6.80	94.38 9.12 0.00	92.69 8.80 -2.46	91.26 9.49 0.00	103.52 11.74 -0.05	118.76 11.49 -28.61	132.15 12.40 -37.63	136.96 13.47 -33.08	146.85 15.24 -26.51	156.88 15.64 -25.42	159.60 15.57 -12.11	166.59 15.82 -14.41	177.37 16.58 -15.39	201.36 14.63 -60.65	213.65 16.01 -67.44	187.66 12.48 -72.03	166.52 13.41 -50.74	152.24 13.57 -44.39	149.59 14.28 -39.48	160.15 13.55 -52.51	144.34 11.50 -54.57	131.85 12.51 -31.24
NYPA____HELLGATE_GT1 24158	100.68 8.58 -5.48	97.59 7.70 -3.37	95.73 7.49 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.86 15.83 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.85 15.13 -60.65	213.25 15.62 -67.43	187.75 12.58 -72.01	165.89 12.80 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.81 10.31 -61.40
NYPA____HELLGATE_GT2 24159	100.68 8.58 -5.48	97.59 7.70 -3.37	95.73 7.49 -6.80	92.94 7.67 -0.01	91.31 7.41 -2.47	89.55 7.77 -0.01	100.78 8.99 -0.06	120.73 9.20 -32.86	154.21 10.18 -61.91	155.63 11.21 -54.02	155.00 12.72 -37.18	155.84 14.59 -25.43	159.86 15.83 -12.10	167.40 16.64 -14.40	178.24 17.45 -15.39	201.85 15.13 -60.65	213.25 15.62 -67.43	187.75 12.58 -72.01	165.89 12.80 -50.72	156.34 11.97 -50.10	156.34 11.88 -48.62	156.84 11.48 -51.27	166.99 9.78 -78.94	159.81 10.31 -61.40
NYS_BARGE__HYD 23848	76.11 -11.26 -0.74	75.30 -11.68 -0.46	71.13 -11.24 -0.94	77.42 -7.84 0.00	73.60 -7.82 0.02	74.58 -7.20 0.00	79.81 -11.92 -0.01	68.10 -10.31 0.27	72.61 -10.84 -1.33	80.27 -11.30 -1.17	93.34 -12.72 -0.96	103.01 -13.67 -0.87	106.77 -15.04 10.12	111.23 -15.68 9.45	109.14 -16.87 19.40	106.06 -14.75 5.27	107.53 -14.97 7.70	90.95 -12.79 -0.58	90.70 -12.80 -1.12	83.43 -11.97 -1.14	85.21 -12.08 -1.46	83.26 -11.86 -1.03	72.24 -9.16 -3.13	80.69 -9.16 -1.75
O.H._GEN_BRUCE 24063	74.80 -12.56 -0.73	74.08 -12.89 -0.45	70.06 -12.30 -0.92	76.22 -9.04 0.00	72.45 -8.96 0.03	75.88 -8.42 2.53	76.00 -13.21 2.52	64.11 -11.80 2.76	69.26 -12.40 0.46	76.80 -13.20 0.40	82.92 -14.92 7.26	87.99 -16.10 11.73	98.03 -17.94 15.96	103.00 -18.82 14.54	96.29 -20.21 28.90	100.57 -17.65 7.86	100.87 -17.84 11.49	88.00 -14.96 0.20	87.12 -14.84 0.41					



OAK ORCHARD___HYD 24046	80.48 -6.76 -0.61	79.81 -7.09 -0.38	75.29 -6.92 -0.77	80.57 -4.69 0.00	76.60 -4.72 0.11	77.52 -4.25 0.00	84.85 -6.88 -0.01	71.72 -5.66 1.29	80.40 -5.67 -3.95	88.27 -5.60 -3.47	102.20 -5.78 -2.88	112.39 -6.02 -2.59	127.03 -6.33 -1.43	130.44 -6.68 -0.76	138.27 -7.12 0.00	120.03 -6.05 0.00	124.08 -6.12 0.00	98.99 -5.88 -1.72	99.79 -5.94 -3.36	92.01 -5.66 -3.39	94.40 -5.75 -4.31	91.39 -5.74 -3.04	75.83 -5.01 -2.58	84.44 -5.11 -1.45
OCC_CHEM___DRP 24175	75.00 -12.39 -0.76	74.28 -12.72 -0.48	70.18 -12.22 -0.96	76.48 -8.78 0.00	72.64 -8.80 0.00	73.60 -8.18 0.00	78.62 -13.12 -0.01	66.92 -11.64 0.10	70.07 -12.40 -0.35	77.61 -13.11 -0.31	90.53 -14.82 -0.25	99.94 -16.10 -0.22	100.29 -17.81 13.83	104.97 -18.68 12.71	99.65 -20.21 25.54	101.49 -17.65 6.94	102.21 -17.84 10.15	88.35 -14.96 -0.16	87.82 -14.84 -0.29	80.70 -13.86 -0.29	82.23 -13.99 -0.39	80.72 -13.64 -0.27	70.99 -10.49 -3.21	79.50 -10.40 -1.80
OLIN_CORP_DRP 24177	75.36 -12.04 -0.77	74.63 -12.37 -0.48	70.60 -11.81 -0.97	76.74 -8.53 0.00	72.97 -8.47 -0.01	73.92 -7.85 0.00	79.08 -12.66 -0.01	67.48 -11.17 0.02	71.07 -11.83 -0.78	78.52 -12.57 -0.69	91.47 -14.19 -0.56	101.03 -15.29 -0.50	102.33 -17.02 12.58	106.87 -17.86 11.62	102.67 -19.19 23.54	102.91 -16.77 6.40	103.92 -16.93 9.35	89.26 -14.24 -0.34	88.79 -14.23 -0.65	81.73 -13.20 -0.66	83.27 -13.42 -0.85	81.61 -13.08 -0.60	71.42 -10.10 -3.26	79.88 -10.04 -1.82
ONONDAGA_REF_OCCRA 23987	86.15 -0.95 -0.48	85.61 -1.21 -0.30	80.82 -1.22 -0.60	84.84 -0.43 0.00	81.09 -0.57 -0.22	81.45 -0.33 0.00	91.00 -0.73 0.00	80.91 -0.16 -2.40	85.12 0.25 -2.75	93.37 0.54 -2.42	108.16 1.05 -2.01	119.02 1.39 -1.81	134.64 1.72 -1.00	138.66 1.77 -0.53	147.43 2.04 0.00	127.84 1.77 0.00	132.02 1.82 0.00	105.32 0.83 -1.35	105.82 0.82 -2.63	97.68 0.75 -2.66	100.08 0.86 -3.38	97.22 0.75 -2.38	80.36 0.08 -2.02	88.97 -0.26 -1.13
ONONDAGA___COGEN 23986	85.83 -1.30 -0.50	85.36 -1.47 -0.31	80.60 -1.47 -0.63	84.58 -0.68 0.00	80.94 -0.73 -0.23	81.12 -0.65 0.00	90.63 -1.10 0.00	80.66 -0.55 -2.54	84.89 -0.33 -3.10	92.95 -0.18 -2.73	107.57 0.21 -2.26	118.32 0.46 -2.04	133.71 0.66 -1.12	137.64 0.68 -0.60	146.27 0.87 0.00	126.84 0.76 0.00	130.98 0.78 0.00	104.65 0.10 -1.40	105.21 0.10 -2.73	97.22 0.19 -2.76	99.73 0.38 -3.51	96.94 0.38 -2.47	80.21 -0.16 -2.10	88.84 -0.44 -1.18
ONTARIO___LFGE 23819	82.91 -4.42 -0.71	82.20 -4.76 -0.44	77.60 -4.72 -0.89	82.36 -2.90 0.00	78.84 -2.93 -0.33	79.32 -2.45 0.00	87.70 -4.04 -0.01	79.56 -2.75 -3.64	84.00 -2.46 -4.35	92.06 -2.17 -3.83	106.38 -1.89 -3.17	117.17 -1.51 -2.86	130.82 -1.85 -0.74	134.66 -1.77 -0.07	142.41 -1.45 1.53	124.69 -1.01 0.38	128.60 -1.04 0.55	103.37 -1.65 -1.87	104.29 -1.74 -3.66	96.17 -1.79 -3.69	98.81 -1.73 -4.70	95.52 -1.88 -3.31	78.89 -2.35 -2.97	86.86 -2.91 -1.66
OSWEGATCHIE___HYD 24044	85.33 -1.30 0.00	85.48 -1.04 0.00	80.05 -1.38 0.00	83.56 -1.71 0.00	79.65 -1.79 0.00	80.22 -1.55 0.00	91.18 -0.55 0.00	78.59 -0.08 0.00	81.63 -0.49 0.00	90.04 -0.36 0.00	104.89 -0.21 0.00	114.66 -1.16 0.00	130.61 -1.32 0.00	133.77 -2.59 0.00	142.49 -2.91 0.00	124.06 -2.02 0.00	128.11 -2.08 0.00	101.19 -1.96 0.00	101.25 -1.13 0.00	93.42 -0.85 0.00	94.88 -0.96 0.00	93.53 -0.56 0.00	77.17 -1.10 0.00	86.60 -1.50 0.00
OSWEGO___5 23606	84.67 -2.34 -0.38	84.33 -2.42 -0.24	79.55 -2.36 -0.48	83.47 -1.79 0.00	79.82 -1.79 -0.17	80.06 -1.72 0.00	89.44 -2.29 0.00	78.83 -1.73 -1.89	82.87 -1.64 -2.39	90.79 -1.72 -2.10	105.06 -1.79 -1.74	115.65 -1.74 -1.57	130.82 -1.98 -0.87	134.78 -2.05 -0.46	143.36 -2.04 0.00	124.31 -1.77 0.00	128.37 -1.82 0.00	102.57 -1.65 -1.06	102.71 -1.74 -2.08	94.77 -1.60 -2.10	96.87 -1.63 -2.67	94.37 -1.60 -1.88	78.29 -1.57 -1.60	87.15 -1.85 -0.89
OSWEGO___6 23613	84.67 -2.34 -0.38	84.33 -2.42 -0.24	79.55 -2.36 -0.48	83.47 -1.79 0.00	79.82 -1.79 -0.17	80.06 -1.72 0.00	89.44 -2.29 0.00	78.83 -1.73 -1.89	82.87 -1.64 -2.39	90.79 -1.72 -2.10	105.06 -1.79 -1.74	115.65 -1.74 -1.57	130.82 -1.98 -0.87	134.78 -2.05 -0.46	143.36 -2.04 0.00	124.31 -1.77 0.00	128.37 -1.82 0.00	102.57 -1.65 -1.06	102.71 -1.74 -2.08	94.77 -1.60 -2.10	96.87 -1.63 -2.67	94.37 -1.60 -1.88	78.29 -1.57 -1.60	87.15 -1.85 -0.89
OUTOKUMPU-AB___DRP 24206	76.58 -10.83 -0.78	75.84 -11.16 -0.48	71.67 -10.75 -0.98	77.84 -7.42 0.00	74.12 -7.33 -0.01	75.07 -6.71 0.00	80.27 -11.47 -0.01	68.85 -9.83 -0.01	72.79 -10.26 -0.93	80.56 -10.67 -0.82	93.79 -11.98 -0.67	103.68 -12.74 -0.60	105.67 -14.12 12.14	110.39 -14.73 11.24	106.71 -15.85 22.84	106.13 -13.74 6.20	107.20 -13.93 9.07	91.50 -12.07 -0.41	91.08 -12.08 -0.78	83.75 -11.31 -0.79	85.45 -11.40 -1.02	83.62 -11.20 -0.72	73.01 -8.53 -3.28	81.21 -8.72 -1.83
OXBOW___ 24026	76.05 -11.35 -0.77	75.23 -11.77 -0.48	71.09 -11.32 -0.97	77.33 -7.93 0.00	73.54 -7.90 0.00	74.50 -7.28 0.00	79.63 -12.11 -0.01	68.08 -10.54 0.04	71.69 -11.09 -0.65	79.41 -11.57 -0.57	92.53 -13.03 -0.46	102.22 -14.01 -0.42	103.40 -15.57 12.96	108.18 -16.23 11.96	103.65 -17.59 24.15	104.26 -15.26 6.56	105.11 -15.49 9.59	90.24 -13.20 -0.29	89.71 -13.21 -0.54	82.56 -12.26 -0.55	84.18 -12.36 -0.71	82.46 -12.14 -0.50	72.27 -9.23 -3.24	80.58 -9.34 -1.82
PEEKSKILL___ 23653	99.35 7.36 -5.36	96.52 6.66 -3.33	94.61 6.43 -6.74	91.74 6.48 0.00	90.14 6.27 -2.44	88.40 6.62 0.00	99.58 7.80 -0.05	113.28 7.95 -26.66	124.73 9.03 -33.58	129.99 10.03 -29.55	141.04 11.46 -24.48	154.20 13.20 -25.18	158.57 14.64 -12.00	166.26 15.68 -14.22	177.39 16.87 -15.12	200.57 14.88 -59.62	211.84 15.36 -66.28	186.15 12.07 -70.93	164.48 11.98 -50.13	149.19 11.03 -43.90	144.32 10.93 -37.56	130.97 10.44 -26.44	109.10 8.30 -22.55	109.36 8.63 -12.63
PGE MADISON___WINDPWR 24146	88.94 0.78 -1.54	88.08 0.61 -0.96	83.29 -0.08 -1.93	86.97 1.71 0.00	83.18 1.06 -0.68	83.57 1.80 0.00	93.85 2.11 -0.02	89.53 3.38 -7.48	95.67 3.86 -9.69	103.54 4.61 -8.53	118.79 6.62 -7.07	129.71 7.53 -6.37	141.97 8.58 -1.46	145.49 9.14 0.01	151.54 9.89 3.75	134.55 9.33 0.86	138.31 9.37 1.26	113.20 5.98 -4.06	116.66 6.35 -7.94	108.04 5.75 -8.02	112.17 6.13 -10.20	106.92 5.65 -7.18	87.31 2.58 -6.47	93.58 1.85 -3.62
PIERCEFIELD___HYD 23852	84.29 -2.34 0.00	84.62 -1.90 0.00	79.40 -2.04 0.00	81.85 -3.41 0.00	78.18 -3.26 0.00	78.50 -3.27 0.00	90.08 -1.65 0.00	77.02 -1.65 0.00	79.74 -2.38 0.00	87.69 -2.71 0.00	101.95 -3.15 0.00	111.30 -4.52 0.00	126.52 -5.41 0.00	128.86 -7.50 0.00	137.55 -7.85 0.00	119.65 -6.43 0.00	123.55 -6.64 0.00	98.10 -5.05 0.00	98.17 -4.20 0.00	90.59 -3.68 0.00	91.90 -3.93 0.00	90.89 -3.20 0.00	75.44 -2.82 0.00	85.28 -2.82 0.00
PINELAWN_CC_1 323563	110.55 9.70 -14.22	98.36 8.48 -3.36	96.62 8.39 -6.80	93.19 7.93 0.00	91.39 7.49 -2.46	89.79 8.01 0.00	101.69 9.91 -0.05	117.74 10.15 -28.93	130.75 11.00 -37.63	135.51 12.02 -33.09	145.49 13.87 -26.51	155.60 14.36 -25.42	158.55 14.51 -12.11	165.91 15.14 -14.41	176.93 16.14 -15.39	200.98 14.25 -60.65	212.74 15.10 -67.44	186.94 11.76 -72.03	165.29 12.18 -50.74	151.01 12.35 -44.39	148.16 12.84 -39.48	158.73 12.14 -52.51	142.85 10.02 -54.57	130.39 10.92 -31.37
PJM_GEN_KEystone 24065	80.00 -7.88 -1.26	71.79 1.30 16.03	65.06 1.22 17.60	62.16 1.88 24.98	62.13 1.87 21.18	66.04 2.21 17.94	78.00 2.20 15.93	114.67 3.23 -32.78	102.50 -3.04 -23.42	114.36 3.34 -20.61	127.33 5.15 -17.08	140.00 6.83 -17.35	145.00 7.52 -5.55	151.61 8.45 -6.80	159.00 9.45 -4.15	160.56 -0.63 -35.12	160.00 -8.46 -38.27	155.00 6.71 -45.14	142.44 6.55 -33.52	129.73 5.84 -29.61	127.85 5.85 -23.73	123.00 5.17 -24.75	106.61 3.60 -24.75	87.29 3.26 4.07



PJM_GEN_NEPTUNE_PROXY 323594	108.61 8.92 -13.06	97.67 7.79 -3.36	95.97 7.74 -6.80	92.51 7.25 0.00	90.90 7.00 -2.46	91.90 7.60 -2.53	98.70 9.45 2.47	116.75 9.68 -28.40	130.10 10.35 -37.63	134.78 11.30 -33.08	144.64 13.03 -26.51	154.67 13.43 -25.42	157.76 13.72 -12.11	165.23 14.45 -14.41	176.35 15.56 -15.39	200.35 13.62 -60.65	212.09 14.45 -67.44	186.42 11.24 -72.03	164.78 11.67 -50.74	150.35 11.69 -44.39	147.48 12.17 -39.48	158.08 11.48 -52.51	142.22 9.39 -54.57	129.30 10.04 -31.15
PLEASANTVLY___LBMP 24000	99.23 7.02 -5.59	96.49 6.49 -3.48	94.66 6.19 -7.03	91.57 6.31 0.00	90.09 6.11 -2.54	88.23 6.46 0.00	99.21 7.43 -0.06	113.88 7.39 -27.82	125.36 8.21 -35.03	130.37 9.13 -30.84	141.05 10.41 -25.55	154.43 11.93 -26.69	157.69 13.19 -12.57	166.33 14.05 -15.93	178.29 14.98 -17.92	209.32 13.11 -70.13	221.72 13.54 -77.99	195.30 10.73 -81.42	168.09 10.65 -55.07	151.77 9.80 -47.70	144.90 9.87 -39.19	131.09 9.41 -27.59	109.29 7.51 -23.52	109.38 8.11 -13.17
POLETTI____ 23519	100.52 8.49 -5.40	97.58 7.70 -3.36	95.56 7.33 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.66 9.13 -32.86	126.24 10.26 -33.85	131.50 11.30 -29.80	142.50 12.72 -24.68	155.83 14.59 -25.42	160.13 16.10 -12.10	167.82 17.05 -14.41	178.83 18.03 -15.40	202.37 15.63 -60.65	213.78 16.14 -67.44	188.07 12.89 -72.02	166.00 12.90 -50.73	150.53 11.88 -44.39	145.49 11.79 -37.87	132.23 11.48 -26.66	114.64 9.39 -26.99	110.79 9.96 -12.73
PORT_JEFF_3 23555	111.06 10.91 -13.52	99.31 9.43 -3.36	98.09 9.85 -6.80	94.55 9.29 0.00	92.85 8.96 -2.46	91.42 9.65 0.00	103.71 11.92 -0.05	118.92 11.64 -28.61	132.15 12.40 -37.63	136.77 13.29 -33.08	146.75 15.13 -26.51	156.53 15.29 -25.42	159.08 15.04 -12.11	166.18 15.41 -14.41	176.64 15.85 -15.39	200.73 13.99 -60.65	213.00 15.36 -67.44	187.25 12.07 -72.03	166.32 13.21 -50.74	151.96 13.29 -44.39	149.50 14.18 -39.48	160.05 13.46 -52.51	144.57 11.74 -54.57	132.29 12.95 -31.24
PORT_JEFF_4 23616	111.06 10.91 -13.52	99.31 9.43 -3.36	98.09 9.85 -6.80	94.55 9.29 0.00	92.85 8.96 -2.46	91.42 9.65 0.00	103.71 11.92 -0.05	118.92 11.64 -28.61	132.15 12.40 -37.63	136.77 13.29 -33.08	146.75 15.13 -26.51	156.53 15.29 -25.42	159.08 15.04 -12.11	166.18 15.41 -14.41	176.64 15.85 -15.39	200.73 13.99 -60.65	213.00 15.36 -67.44	187.25 12.07 -72.03	166.32 13.21 -50.74	151.96 13.29 -44.39	149.50 14.18 -39.48	160.05 13.46 -52.51	144.57 11.74 -54.57	132.29 12.95 -31.24
PORT_JEFF_IC 23713	111.35 11.17 -13.55	99.66 9.78 -3.36	98.25 10.02 -6.80	94.73 9.46 0.00	93.01 9.12 -2.46	91.67 9.89 0.00	103.98 12.20 -0.05	119.17 11.88 -28.62	132.48 12.73 -37.63	137.23 13.74 -33.08	147.27 15.66 -26.51	156.64 15.40 -25.42	159.34 15.30 -12.11	166.45 15.68 -14.41	176.93 16.14 -15.39	200.98 14.25 -60.65	213.39 15.75 -67.44	187.46 12.28 -72.03	166.42 13.31 -50.74	152.05 13.39 -44.39	150.07 14.76 -39.48	160.52 13.93 -52.51	144.88 12.05 -54.57	132.56 13.22 -31.24
PPL PILGRIM_ST_GT1 24216	111.53 11.26 -13.64	99.75 9.86 -3.36	98.09 9.85 -6.80	94.64 9.38 0.00	92.93 9.04 -2.46	91.50 9.73 0.00	103.80 12.02 -0.05	119.29 11.96 -28.66	132.72 12.97 -37.63	137.68 14.19 -33.08	147.27 15.66 -26.51	157.57 16.33 -25.42	160.26 16.23 -12.11	167.13 16.36 -14.41	178.10 17.30 -15.39	202.11 15.38 -60.65	214.17 16.53 -67.44	188.07 12.89 -72.03	167.03 13.92 -50.74	152.80 14.14 -44.39	150.07 14.76 -39.48	160.52 13.93 -52.51	144.96 12.13 -54.57	132.40 13.04 -31.26
PPL PILGRIM_ST_GT2 24217	111.53 11.26 -13.64	99.75 9.86 -3.36	98.09 9.85 -6.80	94.64 9.38 0.00	92.93 9.04 -2.46	91.50 9.73 0.00	103.80 12.02 -0.05	119.29 11.96 -28.66	132.72 12.97 -37.63	137.68 14.19 -33.08	147.27 15.66 -26.51	157.57 16.33 -25.42	160.26 16.23 -12.11	167.13 16.36 -14.41	178.10 17.30 -15.39	202.11 15.38 -60.65	214.17 16.53 -67.44	188.07 12.89 -72.03	167.03 13.92 -50.74	152.80 14.14 -44.39	150.07 14.76 -39.48	160.52 13.93 -52.51	144.96 12.13 -54.57	132.40 13.04 -31.26
PPL_SHRM_GT3 24213	110.99 10.83 -13.53	99.31 9.43 -3.36	98.41 10.18 -6.80	94.90 9.63 0.00	93.18 9.28 -2.46	91.83 10.06 0.00	104.16 12.38 -0.05	118.93 11.64 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.22 15.98 -25.42	159.87 15.83 -12.11	166.86 16.09 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.30 16.66 -67.44	188.18 13.00 -72.03	167.03 13.92 -50.74	152.62 13.95 -44.39	149.98 14.66 -39.48	160.43 13.83 -52.51	144.57 11.74 -54.57	131.94 12.60 -31.24
PPL_SHRM_GT4 24214	110.99 10.83 -13.53	99.31 9.43 -3.36	98.41 10.18 -6.80	94.90 9.63 0.00	93.18 9.28 -2.46	91.83 10.06 0.00	104.16 12.38 -0.05	118.93 11.64 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.22 15.98 -25.42	159.87 15.83 -12.11	166.86 16.09 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.30 16.66 -67.44	188.18 13.00 -72.03	167.03 13.92 -50.74	152.62 13.95 -44.39	149.98 14.66 -39.48	160.43 13.83 -52.51	144.57 11.74 -54.57	131.94 12.60 -31.24
PROJECT___ORANGE 1 24174	85.67 -1.39 -0.43	85.23 -1.56 -0.26	80.42 -1.55 -0.54	84.49 -0.77 0.00	80.74 -0.90 -0.19	81.12 -0.65 0.00	90.54 -1.19 0.00	80.24 -0.55 -2.12	84.45 -0.25 -2.57	92.67 0.00 -2.26	107.40 0.42 -1.88	118.20 0.69 -1.69	133.78 0.92 -0.93	137.81 0.95 -0.49	146.71 1.31 0.00	127.21 1.13 0.00	131.37 1.17 0.00	104.65 0.31 -1.19	105.01 0.31 -2.33	96.81 0.19 -2.35	99.11 0.29 -2.99	96.38 0.19 -2.11	79.66 -0.39 -1.79	88.40 -0.70 -1.00
PROJECT___ORANGE 2 24166	85.67 -1.39 -0.43	85.23 -1.56 -0.26	80.42 -1.55 -0.54	84.49 -0.77 0.00	80.74 -0.90 -0.19	81.12 -0.65 0.00	90.54 -1.19 0.00	80.24 -0.55 -2.12	84.45 -0.25 -2.57	92.67 0.00 -2.26	107.40 0.42 -1.88	118.20 0.69 -1.69	133.78 0.92 -0.93	137.81 0.95 -0.49	146.71 1.31 0.00	127.21 1.13 0.00	131.37 1.17 0.00	104.65 0.31 -1.19	105.01 0.31 -2.33	96.81 0.19 -2.35	99.11 0.29 -2.99	96.38 0.19 -2.11	79.66 -0.39 -1.79	88.40 -0.70 -1.00
PYRITES___HYD 24023	84.63 -1.99 0.00	84.96 -1.56 0.00	79.73 -1.71 0.00	82.19 -3.07 0.00	78.42 -3.01 0.00	78.83 -2.94 0.00	90.63 -1.10 0.00	77.49 -1.18 0.00	80.31 -1.81 0.00	88.32 -2.08 0.00	102.79 -2.31 0.00	112.23 -3.59 0.00	127.71 -4.22 0.00	130.22 -6.14 0.00	138.86 -6.54 0.00	120.53 -5.55 0.00	124.60 -5.60 0.00	98.82 -4.33 0.00	98.79 -3.58 0.00	91.25 -3.02 0.00	92.57 -3.26 0.00	91.55 -2.54 0.00	75.76 -2.50 0.00	85.55 -2.55 0.00
RAMAPO___LBMP 323565	98.88 7.02 -5.23	96.18 6.40 -3.26	94.13 6.11 -6.59	91.49 6.22 0.00	89.84 6.03 -2.38	88.15 6.38 0.00	99.30 7.52 -0.05	112.51 7.79 -26.05	123.79 8.87 -32.80	129.13 9.85 -28.87	140.16 11.14 -23.92	153.24 12.97 -24.46	158.14 14.51 -11.70	165.39 15.55 -13.49	176.11 16.72 -13.99	196.44 15.00 -55.36	207.10 15.36 -61.54	181.82 12.07 -66.60	162.32 11.98 -47.97	147.40 10.94 -42.19	143.46 10.92 -36.70	130.18 10.26 -25.83	108.35 8.06 -22.03	108.81 8.37 -12.34
RANKINE____ 23646	76.28 -11.17 -0.83	75.53 -11.51 -0.52	71.41 -11.08 -1.05	77.25 -8.01 0.00	73.59 -7.90 -0.05	74.50 -7.28 0.00	80.00 -11.74 -0.01	69.29 -9.83 -0.46	73.14 -10.18 -1.20	80.88 -10.58 -1.06	93.98 -11.98 -0.86	103.97 -12.62 -0.78	105.65 -13.98 12.29	110.48 -14.45 11.42	106.69 -15.41 23.30	106.51 -13.24 6.33	107.54 -13.41 9.25	91.92 -11.76 -0.53	91.61 -11.77 -1.01	84.26 -11.03 -1.02	86.03 -11.12 -1.32	84.01 -11.01 -0.93	73.08 -8.69 -3.50	80.99 -9.07 -1.96
RAVENSWOOD_GT2_1 24244	100.52 8.49 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.85 9.13 -33.05	126.15 10.18 -33.85	131.50 11.30 -29.80	142.61 12.82 -24.68	155.83 14.59 -25.42	160.13 16.10 -12.10	167.95 17.18 -14.41	178.83 18.03 -15.40	202.49 15.76 -60.65	213.91 16.27 -67.44	188.17 13.00 -72.02	166.11 13.00 -50.73	150.63 11.97 -44.39	145.68 11.98 -37.87	132.23 11.48 -26.66	114.77 9.39 -27.12	110.79 9.96 -12.73



RAVENSWOOD_GT2_2 24245	100.52 8.49 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.85 9.13 -33.05	126.15 10.18 -33.85	131.50 11.30 -29.80	142.61 12.82 -24.68	155.83 14.59 -25.42	160.13 16.10 -12.10	167.95 17.18 -14.41	178.83 18.03 -15.40	202.49 15.76 -60.65	213.91 16.27 -67.44	188.17 13.00 -72.02	166.11 13.00 -50.73	150.63 11.97 -44.39	145.68 11.98 -37.87	132.23 11.48 -26.66	114.77 9.39 -27.12	110.79 9.96 -12.73
RAVENSWOOD_GT2_3 24246	100.69 8.66 -5.40	97.76 7.87 -3.36	95.72 7.49 -6.80	92.85 7.59 0.00	91.22 7.33 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	120.92 9.20 -33.05	126.24 10.26 -33.85	131.59 11.39 -29.80	142.71 12.93 -24.68	156.06 14.82 -25.42	160.39 16.36 -12.10	168.09 17.32 -14.41	179.12 18.32 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.27 13.10 -72.02	166.31 13.21 -50.73	150.82 12.16 -44.39	145.78 12.08 -37.87	132.41 11.67 -26.66	114.85 9.47 -27.12	110.97 10.13 -12.73
RAVENSWOOD_GT2_4 24247	100.69 8.66 -5.40	97.76 7.87 -3.36	95.72 7.49 -6.80	92.85 7.59 0.00	91.22 7.33 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	120.92 9.20 -33.05	126.24 10.26 -33.85	131.59 11.39 -29.80	142.71 12.93 -24.68	156.06 14.82 -25.42	160.39 16.36 -12.10	168.09 17.32 -14.41	179.12 18.32 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.27 13.10 -72.02	166.31 13.21 -50.73	150.82 12.16 -44.39	145.78 12.08 -37.87	132.41 11.67 -26.66	114.85 9.47 -27.12	110.97 10.13 -12.73
RAVENSWOOD_GT3_1 24248	100.52 8.49 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.85 9.13 -33.05	126.15 10.18 -33.85	131.41 11.21 -29.80	142.61 12.82 -24.68	155.83 14.59 -25.42	160.13 16.10 -12.10	167.95 17.18 -14.41	178.83 18.03 -15.40	202.49 15.76 -60.65	213.91 16.27 -67.44	188.17 13.00 -72.02	166.11 13.00 -50.73	150.63 11.97 -44.39	145.68 11.98 -37.87	132.23 11.48 -26.66	114.77 9.39 -27.12	110.79 9.96 -12.73
RAVENSWOOD_GT3_2 24249	100.52 8.49 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.85 9.13 -33.05	126.15 10.18 -33.85	131.41 11.21 -29.80	142.61 12.82 -24.68	155.83 14.59 -25.42	160.13 16.10 -12.10	167.95 17.18 -14.41	178.83 18.03 -15.40	202.49 15.76 -60.65	213.91 16.27 -67.44	188.17 13.00 -72.02	166.11 13.00 -50.73	150.63 11.97 -44.39	145.68 11.98 -37.87	132.23 11.48 -26.66	114.77 9.39 -27.12	110.79 9.96 -12.73
RAVENSWOOD_GT3_3 24250	100.69 8.66 -5.40	97.76 7.87 -3.36	95.72 7.49 -6.80	92.94 7.67 0.00	91.30 7.41 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	121.00 9.28 -33.05	126.32 10.35 -33.85	131.68 11.48 -29.80	142.82 13.03 -24.68	156.18 14.94 -25.42	160.52 16.49 -12.10	168.23 17.45 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.38 13.20 -72.02	166.41 13.31 -50.73	150.82 12.16 -44.39	145.87 12.17 -37.87	132.41 11.67 -26.66	114.93 9.55 -27.12	110.97 10.13 -12.73
RAVENSWOOD_GT3_4 24251	100.69 8.66 -5.40	97.76 7.87 -3.36	95.72 7.49 -6.80	92.94 7.67 0.00	91.30 7.41 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	121.00 9.28 -33.05	126.32 10.35 -33.85	131.68 11.48 -29.80	142.82 13.03 -24.68	156.18 14.94 -25.42	160.52 16.49 -12.10	168.23 17.45 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.38 13.20 -72.02	166.41 13.31 -50.73	150.82 12.16 -44.39	145.87 12.17 -37.87	132.41 11.67 -26.66	114.93 9.55 -27.12	110.97 10.13 -12.73
RAVENSWOOD_GT_1 23729	156.59 8.92 -61.04	154.75 8.13 -60.09	95.98 7.74 -6.81	93.20 7.93 -0.01	91.56 7.66 -2.47	91.68 8.10 -1.81	156.64 9.45 -55.47	163.55 9.44 -75.44	171.03 10.51 -78.40	187.02 11.66 -84.96	188.39 13.24 -70.04	185.77 15.17 -54.79	184.17 16.76 -35.49	188.38 17.73 -34.30	196.99 18.61 -32.98	215.63 16.14 -73.41	224.68 16.66 -77.82	204.30 13.41 -87.74	191.36 13.51 -75.47	186.73 12.44 -80.01	186.98 12.36 -78.78	186.96 11.95 -80.92	197.45 9.78 -109.41	176.02 10.40 -77.52
RAVENSWOOD_GT_10 24258	96.14 8.49 -1.03	93.21 7.79 1.10	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.40 7.77 0.14	96.42 8.99 4.30	117.51 9.13 -29.72	122.89 10.18 -30.59	130.36 11.21 -28.75	143.00 12.72 -25.18	157.58 14.59 -27.17	162.38 16.10 -14.35	170.25 17.18 -16.70	180.86 18.03 -17.43	203.96 15.76 -62.13	215.10 16.27 -68.63	189.99 13.00 -73.83	167.92 13.00 -52.55	151.90 11.97 -45.66	146.47 11.88 -38.75	132.17 11.48 -26.60	112.23 9.39 -24.58	106.96 9.96 -8.90
RAVENSWOOD_GT_11 24259	96.14 8.49 -1.03	93.21 7.79 1.10	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.40 7.77 0.14	96.42 8.99 4.30	117.51 9.13 -29.72	122.89 10.18 -30.59	130.36 11.21 -28.75	143.00 12.72 -25.18	157.58 14.59 -27.17	162.38 16.10 -14.35	170.25 17.18 -16.70	180.86 18.03 -17.43	203.96 15.76 -62.13	215.10 16.27 -68.63	189.99 13.00 -73.83	167.92 13.00 -52.55	151.90 11.97 -45.66	146.47 11.88 -38.75	132.17 11.48 -26.60	112.23 9.39 -24.58	106.96 9.96 -8.90
RAVENSWOOD_GT_4 24252	71.65 8.49 23.47	68.15 7.70 26.07	95.56 7.33 -6.79	92.67 7.42 0.00	91.06 7.17 -2.45	88.52 7.69 0.94	72.02 8.99 28.70	98.78 9.05 -11.06	104.55 10.10 -12.33	124.48 11.21 -22.87	145.76 12.72 -27.94	167.40 14.59 -36.99	174.96 16.10 -26.93	182.96 17.05 -29.55	192.22 18.03 -28.79	212.21 15.76 -70.37	221.81 16.27 -75.34	200.04 12.89 -83.99	177.97 12.90 -62.70	158.91 11.88 -52.77	151.39 11.88 -43.68	131.75 11.39 -26.28	97.91 9.31 -10.34	85.51 9.96 12.54
RAVENSWOOD_GT_5 24254	71.65 8.49 23.47	68.15 7.70 26.07	95.56 7.33 -6.79	92.67 7.42 0.00	91.06 7.17 -2.45	88.52 7.69 0.94	72.02 8.99 28.70	98.78 9.05 -11.06	104.55 10.10 -12.33	124.48 11.21 -22.87	145.76 12.72 -27.94	167.40 14.59 -36.99	174.96 16.10 -26.93	182.96 17.05 -29.55	192.22 18.03 -28.79	212.21 15.76 -70.37	221.81 16.27 -75.34	200.04 12.89 -83.99	177.97 12.90 -62.70	158.91 11.88 -52.77	151.39 11.88 -43.68	131.75 11.39 -26.28	97.91 9.31 -10.34	85.51 9.96 12.54
RAVENSWOOD_GT_6 24253	71.65 8.49 23.47	68.15 7.70 26.07	95.56 7.33 -6.79	92.67 7.42 0.00	91.06 7.17 -2.45	88.52 7.69 0.94	72.02 8.99 28.70	98.78 9.05 -11.06	104.55 10.10 -12.33	124.48 11.21 -22.87	145.76 12.72 -27.94	167.40 14.59 -36.99	174.96 16.10 -26.93	182.96 17.05 -29.55	192.22 18.03 -28.79	212.21 15.76 -70.37	221.81 16.27 -75.34	200.04 12.89 -83.99	177.97 12.90 -62.70	158.91 11.88 -52.77	151.39 11.88 -43.68	131.75 11.39 -26.28	97.91 9.31 -10.34	85.51 9.96 12.54
RAVENSWOOD_GT_7 24255	71.65 8.49 23.47	68.15 7.70 26.07	95.56 7.33 -6.79	92.67 7.42 0.00	91.06 7.17 -2.45	88.52 7.69 0.94	72.02 8.99 28.70	98.78 9.05 -11.06	104.55 10.10 -12.33	124.48 11.21 -22.87	145.76 12.72 -27.94	167.40 14.59 -36.99	174.96 16.10 -26.93	182.96 17.05 -29.55	192.22 18.03 -28.79	212.21 15.76 -70.37	221.81 16.27 -75.34	200.04 12.89 -83.99	177.97 12.90 -62.70	158.91 11.88 -52.77	151.39 11.88 -43.68	131.75 11.39 -26.28	97.91 9.31 -10.34	85.51 9.96 12.54
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	96.14 8.49 -1.03	93.21 7.79 1.10	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.40 7.77 0.14	96.42 8.99 4.30	117.51 9.13 -29.72	122.89 10.18 -30.59	130.36 11.21 -28.75	143.00 12.72 -25.18	157.58 14.59 -27.17	162.38 16.10 -14.35	170.25 17.18 -16.70	180.86 18.03 -17.43	203.96 15.76 -62.13	215.10 16.27 -68.63	189.99 13.00 -73.83	167.92 13.00 -52.55	151.90 11.97 -45.66	146.47 11.88 -38.75	132.17 11.48 -26.60	112.23 9.39 -24.58	106.96 9.96 -8.90
RAVENSWOOD_GT_9 24257	96.14 8.49 -1.03	93.21 7.79 1.10	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.40 7.77 0.14	96.42 8.99 4.30	117.51 9.13 -29.72	122.89 10.18 -30.59	130.36 11.21 -28.75	143.00 12.72 -25.18	157.58 14.59 -27.17	162.38 16.10 -14.35	170.25 17.18 -16.70	180.86 18.03 -17.43	203.96 15.76 -62.13	215.10 16.27 -68.63	189.99 13.00 -73.83	167.92 13.00 -52.55	151.90 11.97 -45.66	146.47 11.88 -38.75	132.17 11.48 -26.60	112.23 9.39 -24.58	106.96 9.96 -8.90



RAVENSWOOD___1 23533	147.50 8.92 -51.95	145.48 8.13 -50.82	95.98 7.74 -6.80	93.11 7.84 -0.01	91.48 7.57 -2.47	91.38 8.10 -1.51	147.50 9.36 -46.42	156.62 9.44 -68.51	162.72 10.51 -70.08	163.84 11.66 -61.77	163.47 13.24 -45.13	163.46 15.17 -32.47	162.74 16.76 -14.05	168.36 17.59 -14.41	179.41 18.61 -15.40	202.87 16.14 -60.65	214.30 16.66 -67.44	188.48 13.31 -72.02	171.11 13.51 -55.22	163.26 12.35 -56.64	162.63 12.36 -54.43	159.85 11.86 -53.91	167.00 9.70 -79.03	159.99 10.40 -61.49
RAVENSWOOD___2 23534	147.17 8.84 -51.70	145.14 8.05 -50.57	95.98 7.74 -6.80	93.11 7.84 -0.01	91.48 7.57 -2.46	91.37 8.10 -1.50	147.25 9.36 -46.17	156.36 9.36 -68.33	162.44 10.43 -69.89	163.58 11.57 -61.60	163.26 13.14 -45.02	163.31 15.06 -32.43	162.59 16.62 -14.04	168.36 17.59 -14.41	179.26 18.47 -15.40	202.74 16.01 -60.65	214.17 16.53 -67.44	188.48 13.31 -72.02	170.98 13.41 -55.20	163.19 12.35 -56.57	162.54 12.36 -54.35	159.71 11.86 -53.76	166.72 9.70 -78.76	159.64 10.31 -61.23
RAVENSWOOD___3 23535	100.60 8.58 -5.40	97.67 7.79 -3.36	95.64 7.41 -6.80	92.76 7.50 0.00	91.14 7.25 -2.46	89.54 7.77 0.00	100.77 8.99 -0.05	120.85 9.13 -33.05	126.15 10.18 -33.85	131.50 11.30 -29.80	142.61 12.82 -24.68	155.94 14.71 -25.42	160.13 16.10 -12.10	167.95 17.18 -14.41	178.97 18.17 -15.40	202.49 15.76 -60.65	213.91 16.27 -67.44	188.17 13.00 -72.02	166.11 13.00 -50.73	150.63 11.97 -44.39	145.68 11.98 -37.87	132.23 11.48 -26.66	114.77 9.39 -27.12	110.79 9.96 -12.73
RAVENSWOOD___4 23820	138.20 8.84 -42.73	135.99 8.05 -41.43	95.89 7.66 -6.80	93.11 7.84 -0.01	91.47 7.57 -2.46	91.00 8.01 -1.21	138.23 9.26 -37.24	149.52 9.36 -61.49	154.24 10.43 -61.69	140.73 11.57 -38.76	138.71 13.14 -20.47	141.33 15.06 -10.45	141.48 16.62 7.07	148.78 17.59 5.17	161.95 18.47 1.92	190.18 16.01 -48.09	203.94 16.53 -57.21	173.00 13.31 -56.54	151.03 13.41 -35.25	140.17 12.35 -33.55	138.46 12.27 -30.36	133.09 11.86 -27.15	136.79 9.70 -48.83	143.83 10.31 -45.42
RCPL_TRUST___DRP 24196	100.60 8.58 -5.40	97.67 7.79 -3.36	95.72 7.49 -6.80	92.85 7.59 0.00	91.22 7.33 -2.46	89.62 7.85 0.00	100.95 9.17 -0.05	120.61 9.28 -32.66	126.40 10.43 -33.85	131.77 11.57 -29.80	142.92 13.14 -24.68	156.29 15.06 -25.42	160.66 16.62 -12.10	168.50 17.73 -14.41	179.55 18.76 -15.40	203.00 16.26 -60.65	214.43 16.80 -67.44	188.58 13.41 -72.02	166.51 13.41 -50.73	150.91 12.26 -44.39	145.87 12.17 -37.87	132.51 11.76 -26.66	114.57 9.47 -26.84	110.88 10.04 -12.73
RENSSELAER___COGEN 23796	97.61 4.16 -6.82	94.84 4.07 -4.25	93.61 3.58 -8.59	89.35 4.09 0.00	88.45 3.91 -3.11	86.03 4.25 0.00	96.11 4.31 -0.07	116.05 3.38 -33.99	128.40 3.37 -42.91	132.06 3.89 -37.77	141.23 4.83 -31.29	149.52 5.33 -28.37	153.42 5.94 -15.56	151.31 6.27 -8.67	152.76 6.54 -0.81	134.46 5.30 -3.08	139.10 5.47 -3.43	129.90 4.75 -22.00	145.34 4.50 -38.46	136.73 3.96 -38.50	148.06 4.22 -48.01	132.03 4.14 -33.79	110.50 3.52 -28.72	108.15 3.96 -16.09
REVERE_CPFR_DRP 24186	87.58 0.95 0.00	87.39 0.87 0.00	82.01 0.57 0.00	86.71 1.45 0.00	82.50 1.06 0.00	83.16 1.39 0.00	93.47 1.74 0.00	81.03 2.36 0.00	84.91 2.79 0.00	93.75 3.34 0.00	109.73 4.62 0.00	120.91 5.10 0.00	137.87 5.94 0.00	142.36 6.00 0.00	151.65 6.25 0.00	131.63 5.55 0.00	135.79 5.60 0.00	106.87 3.71 0.00	106.26 3.89 0.00	97.76 3.49 0.00	99.57 3.74 0.00	97.76 3.67 0.00	79.98 1.72 0.00	89.42 1.32 0.00
ROCHESTER_9_IC 23652	81.33 -5.89 -0.59	80.66 -6.23 -0.37	75.99 -6.19 -0.74	81.34 -3.92 0.00	77.33 -3.99 0.12	78.34 -3.43 0.00	85.86 -5.87 -0.01	72.54 -4.72 1.41	81.93 -4.52 -4.33	89.97 -4.25 -3.81	104.16 -4.10 -3.16	114.61 -4.05 -2.85	131.05 -4.09 -3.21	134.60 -4.09 -2.33	144.03 -4.36 -3.00	123.13 -3.78 -0.84	127.51 -3.91 -1.22	100.82 -4.23 -1.89	101.67 -4.40 -3.70	93.67 -4.34 -3.74	96.18 -4.41 -4.76	93.02 -4.42 -3.35	76.68 -4.07 -2.49	85.35 -4.14 -1.39
ROSETON___1 23587	98.67 6.67 -5.37	96.10 6.23 -3.35	94.15 5.94 -6.76	91.32 6.05 0.00	89.75 5.86 -2.45	87.99 6.21 0.00	98.94 7.15 -0.05	112.58 7.16 -26.76	123.86 8.05 -33.69	128.92 8.86 -29.66	139.76 10.09 -24.57	152.15 11.58 -24.75	156.87 12.93 -12.01	163.04 13.77 -12.91	172.61 14.69 -12.52	188.71 12.86 -49.77	198.93 13.41 -55.32	175.44 10.52 -61.76	159.71 10.54 -46.79	145.61 9.71 -41.63	143.20 9.68 -37.69	129.84 9.22 -26.53	108.24 7.36 -22.62	108.62 7.84 -12.67
ROSETON___2 23588	98.67 6.67 -5.37	96.10 6.23 -3.35	94.15 5.94 -6.76	91.32 6.05 0.00	89.75 5.86 -2.45	87.99 6.21 0.00	98.94 7.15 -0.05	112.58 7.16 -26.76	123.86 8.05 -33.69	128.92 8.86 -29.66	139.76 10.09 -24.57	152.15 11.58 -24.75	156.87 12.93 -12.01	163.04 13.77 -12.91	172.61 14.69 -12.52	188.71 12.86 -49.77	198.93 13.41 -55.32	175.44 10.52 -61.76	159.71 10.54 -46.79	145.61 9.71 -41.63	143.20 9.68 -37.69	129.84 9.22 -26.53	108.24 7.36 -22.62	108.62 7.84 -12.67
RUSSELL___1 23602	82.71 -4.50 -0.59	82.04 -4.85 -0.37	77.13 -5.05 -0.74	82.70 -2.56 0.00	78.55 -2.77 0.12	79.73 -2.04 0.00	87.70 -4.04 -0.01	74.41 -2.83 1.43	84.36 -1.97 -4.21	92.75 -1.36 -3.71	107.75 -0.42 -3.07	118.82 0.23 -2.77	135.61 0.92 -2.76	139.12 0.82 -1.94	148.38 0.73 -2.26	127.60 0.88 -0.64	132.04 0.91 -0.93	104.06 -0.93 -1.84	104.74 -1.23 -3.60	96.39 -1.51 -3.63	99.11 -1.34 -4.62	95.84 -1.51 -3.25	78.56 -2.19 -2.49	87.29 -2.20 -1.39
RUSSELL___2 23532	82.71 -4.50 -0.59	82.04 -4.85 -0.37	77.13 -5.05 -0.74	82.70 -2.56 0.00	78.55 -2.77 0.12	79.73 -2.04 0.00	87.70 -4.04 -0.01	74.41 -2.83 1.43	84.36 -1.97 -4.21	92.75 -1.36 -3.71	107.75 -0.42 -3.07	118.82 0.23 -2.77	135.61 0.92 -2.76	139.12 0.82 -1.94	148.38 0.73 -2.26	127.60 0.88 -0.64	132.04 0.91 -0.93	104.06 -0.93 -1.84	104.74 -1.23 -3.60	96.39 -1.51 -3.63	99.11 -1.34 -4.62	95.84 -1.51 -3.25	78.56 -2.19 -2.49	87.29 -2.20 -1.39
RUSSELL___3 23549	81.32 -5.89 -0.59	80.66 -6.23 -0.36	75.90 -6.27 -0.74	81.34 -3.92 0.00	77.24 -4.07 0.12	78.26 -3.52 0.00	85.86 -5.87 -0.01	72.51 -4.72 1.44	82.11 -4.43 -4.42	90.14 -4.16 -3.89	104.33 -3.99 -3.23	114.79 -3.94 -2.91	131.60 -3.96 -3.63	134.97 -4.09 -2.70	144.74 -4.36 -3.71	123.45 -3.66 -1.03	128.06 -3.65 -1.51	101.06 -4.02 -1.93	101.96 -4.20 -3.78	93.94 -4.15 -3.82	96.47 -4.22 -4.86	93.37 -4.14 -3.42	76.81 -3.91 -2.46	85.43 -4.05 -1.38
RUSSELL___4 23556	82.71 -4.50 -0.59	82.04 -4.85 -0.37	77.05 -5.13 -0.74	82.70 -2.56 0.00	78.55 -2.77 0.12	79.65 -2.13 0.00	87.61 -4.13 -0.01	74.33 -2.91 1.43	84.28 -2.05 -4.21	92.75 -1.36 -3.71	107.65 -0.53 -3.07	118.70 0.12 -2.77	135.48 0.79 -2.76	138.99 0.68 -1.94	148.25 0.58 -2.26	127.47 0.76 -0.64	131.91 0.78 -0.93	104.06 -0.93 -1.84	104.64 -1.33 -3.60	96.40 -1.51 -3.63	99.02 -1.44 -4.62	95.84 -1.51 -3.25	78.56 -2.19 -2.49	87.21 -2.29 -1.39
RUSSELL___STATION 23914	81.32 -5.89 -0.59	80.66 -6.23 -0.36	75.90 -6.27 -0.74	81.34 -3.92 0.00	77.24 -4.07 0.12	78.26 -3.52 0.00	85.86 -5.87 -0.01	72.51 -4.72 1.44	82.11 -4.43 -4.42	90.14 -4.16 -3.89	104.33 -3.99 -3.23	114.79 -3.94 -2.91	131.60 -3.96 -3.63	134.97 -4.09 -2.70	144.74 -4.36 -3.71	123.45 -3.66 -1.03	128.06 -3.65 -1.51	101.06 -4.02 -1.93	101.96 -4.20 -3.78	93.94 -4.15 -3.82	96.47 -4.22 -4.86	93.37 -4.14 -3.42	76.81 -3.91 -2.46	85.43 -4.05 -1.38
S SALMON___HYD 24043	85.74 -1.21 -0.32	85.43 -1.30 -0.20	80.38 -1.47 -0.41	84.49 -0.77 0.00	80.61 -0.98 -0.15	81.20 -0.57 0.00	91.00 -0.73 0.00	80.37 0.08 -1.62	84.37 0.25 -2.00	92.79 0.63 -1.76	107.93 1.37 -1.46	118.40 1.27 -1.31	134.24 1.58 -0.72	138.11 1.36 -0.38	146.85 1.45 0.00	127.47 1.39 0.00	131.63 1.43 0.00	104.58 0.52 -0.91	104.97 0.82 -1.78	96.82 0.75 -1.80	98.98 0.86 -2.29	96.55 0.85 -1.61	79.39 -0.23 -1.37	88.16 -0.70 -0.77



SELKIRK___II 23799	96.37 2.95 -6.80	93.69 2.94 -4.23	92.76 2.77 -8.55	88.42 3.15 0.00	87.55 3.01 -3.10	84.88 3.11 0.00	94.91 3.12 -0.07	115.21 2.67 -33.86	127.66 2.79 -42.75	131.19 3.16 -37.63	139.95 3.68 -31.17	148.09 4.17 -28.10	152.03 4.62 -15.49	149.49 4.91 -8.22	150.49 5.09 0.00	130.24 4.16 0.00	134.49 4.30 0.00	125.91 3.71 -19.04	143.20 3.58 -37.24	135.18 3.30 -37.61	147.02 3.35 -47.83	131.05 3.29 -33.66	109.53 2.66 -28.61	107.12 3.00 -16.03
SELKIRK___I 23801	97.04 3.64 -6.78	94.37 3.63 -4.22	93.30 3.34 -8.53	89.01 3.75 0.00	88.02 3.50 -3.09	85.45 3.68 0.00	95.37 3.58 -0.07	115.50 3.07 -33.77	128.03 3.28 -42.62	131.63 3.71 -37.52	140.49 4.31 -31.08	148.70 4.86 -28.02	152.78 5.41 -15.44	150.29 5.73 -8.20	151.51 6.11 0.00	131.12 5.04 0.00	135.40 5.21 0.00	126.47 4.33 -18.98	143.70 4.20 -37.13	135.64 3.87 -37.50	147.45 3.93 -47.69	131.52 3.86 -33.57	109.92 3.13 -28.53	107.61 3.52 -15.98
SENECA OSWGO___HYD 24041	84.86 -2.17 -0.40	84.44 -2.34 -0.25	79.67 -2.28 -0.51	83.56 -1.71 0.00	79.91 -1.71 -0.18	80.30 -1.47 0.00	89.62 -2.11 0.00	79.19 -1.49 -2.02	83.24 -1.40 -2.52	91.26 -1.36 -2.21	105.67 -1.26 -1.83	116.20 -1.27 -1.65	131.52 -1.32 -0.91	135.48 -1.36 -0.48	143.95 -1.45 0.00	124.94 -1.13 0.00	129.15 -1.04 0.00	103.15 -1.13 -1.13	103.46 -1.13 -2.22	95.38 -1.13 -2.24	97.63 -1.05 -2.85	94.87 -1.22 -2.00	78.71 -1.25 -1.70	87.47 -1.59 -0.95
SENECA___ENERGY 23797	83.53 -3.72 -0.63	82.94 -3.98 -0.39	78.32 -3.91 -0.80	82.87 -2.39 0.00	79.21 -2.52 -0.30	79.57 -2.21 0.00	88.25 -3.49 -0.01	79.56 -2.36 -3.25	83.92 -2.22 -4.02	91.95 -1.99 -3.53	106.35 -1.68 -2.93	116.95 -1.51 -2.64	131.17 -1.72 -0.96	135.04 -1.64 -0.32	143.04 -1.45 0.91	124.87 -1.01 0.20	128.86 -1.04 0.30	103.22 -1.65 -1.72	104.19 -1.54 -3.36	96.06 -1.60 -3.39	98.71 -1.44 -4.31	95.53 -1.60 -3.03	78.97 -1.96 -2.67	87.13 -2.47 -1.49
SHOEMAKER___GT 23640	97.55 5.98 -4.95	95.05 5.45 -3.08	92.88 5.21 -6.23	90.63 5.37 0.00	88.90 5.21 -2.25	87.25 5.48 0.00	98.20 6.42 -0.05	109.82 6.53 -24.63	120.52 7.39 -31.01	125.92 8.23 -27.29	137.07 9.35 -22.61	149.57 10.89 -22.87	155.08 12.14 -11.01	161.38 12.95 -12.07	171.25 13.96 -11.90	185.94 12.36 -47.51	195.76 12.76 -52.80	171.61 10.01 -58.45	155.97 9.93 -43.66	142.14 9.14 -38.73	139.62 9.10 -34.69	127.07 8.56 -24.42	105.82 6.73 -20.83	106.82 7.05 -11.67
SHOREHAM_IC_1 23715	110.99 10.83 -13.53	99.31 9.43 -3.36	98.41 10.18 -6.80	94.90 9.63 0.00	93.18 9.28 -2.46	91.83 10.06 0.00	104.16 12.38 -0.05	118.93 11.64 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.22 15.98 -25.42	159.87 15.83 -12.11	166.86 16.09 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.30 16.66 -67.44	188.18 13.00 -72.03	167.03 13.92 -50.74	152.62 13.95 -44.39	149.98 14.66 -39.48	160.43 13.83 -52.51	144.57 11.74 -54.57	131.94 12.60 -31.24
SHOREHAM_IC_2 23716	110.99 10.83 -13.53	99.31 9.43 -3.36	98.41 10.18 -6.80	94.90 9.63 0.00	93.18 9.28 -2.46	91.83 10.06 0.00	104.16 12.38 -0.05	118.93 11.64 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.22 15.98 -25.42	159.87 15.83 -12.11	166.86 16.09 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.30 16.66 -67.44	188.18 13.00 -72.03	167.03 13.92 -50.74	152.62 13.95 -44.39	149.98 14.66 -39.48	160.43 13.83 -52.51	144.57 11.74 -54.57	131.94 12.60 -31.24
SISSONVILLE____ 23735	84.29 -2.34 0.00	84.62 -1.90 0.00	79.40 -2.04 0.00	81.85 -3.41 0.00	78.18 -3.26 0.00	78.50 -3.27 0.00	90.08 -1.65 0.00	77.02 -1.65 0.00	79.74 -2.38 0.00	87.69 -2.71 0.00	101.95 -3.15 0.00	111.30 -4.52 0.00	126.52 -5.41 0.00	128.86 -7.50 0.00	137.55 -7.85 0.00	119.65 -6.43 0.00	123.55 -6.64 0.00	98.10 -5.05 0.00	98.17 -4.20 0.00	90.59 -3.68 0.00	91.90 -3.93 0.00	90.89 -3.20 0.00	75.44 -2.82 0.00	85.28 -2.82 0.00
SITHE_IND_GS1 24169	84.27 -2.69 -0.33	83.96 -2.77 -0.21	79.17 -2.69 -0.42	83.04 -2.22 0.00	79.39 -2.20 -0.15	79.73 -2.04 0.00	89.07 -2.66 0.00	78.20 -2.12 -1.66	82.08 -2.14 -2.09	90.07 -2.17 -1.84	104.31 -2.31 -1.52	114.76 -2.43 -1.37	130.05 -2.64 -0.76	134.04 -2.73 -0.40	142.49 -2.91 0.00	123.68 -2.40 0.00	127.72 -2.47 0.00	101.81 -2.27 -0.93	101.94 -2.25 -1.82	93.94 -2.17 -1.84	96.06 -2.11 -2.33	93.57 -2.16 -1.64	77.70 -1.96 -1.40	86.68 -2.20 -0.78
SITHE_IND_GS2 24170	84.27 -2.69 -0.33	83.96 -2.77 -0.21	79.17 -2.69 -0.42	83.04 -2.22 0.00	79.39 -2.20 -0.15	79.73 -2.04 0.00	89.07 -2.66 0.00	78.20 -2.12 -1.66	82.08 -2.14 -2.09	90.07 -2.17 -1.84	104.31 -2.31 -1.52	114.76 -2.43 -1.37	130.05 -2.64 -0.76	134.04 -2.73 -0.40	142.49 -2.91 0.00	123.68 -2.40 0.00	127.72 -2.47 0.00	101.81 -2.27 -0.93	101.94 -2.25 -1.82	93.94 -2.17 -1.84	96.06 -2.11 -2.33	93.57 -2.16 -1.64	77.70 -1.96 -1.40	86.68 -2.20 -0.78
SITHE_IND_GS3 24171	84.27 -2.69 -0.33	83.96 -2.77 -0.21	79.17 -2.69 -0.42	83.04 -2.22 0.00	79.39 -2.20 -0.15	79.73 -2.04 0.00	89.07 -2.66 0.00	78.20 -2.12 -1.66	82.08 -2.14 -2.09	90.07 -2.17 -1.84	104.31 -2.31 -1.52	114.76 -2.43 -1.37	130.05 -2.64 -0.76	134.04 -2.73 -0.40	142.49 -2.91 0.00	123.68 -2.40 0.00	127.72 -2.47 0.00	101.81 -2.27 -0.93	101.94 -2.25 -1.82	93.94 -2.17 -1.84	96.06 -2.11 -2.33	93.57 -2.16 -1.64	77.70 -1.96 -1.40	86.68 -2.20 -0.78
SITHE_IND_GS4 24172	84.27 -2.69 -0.33	83.96 -2.77 -0.21	79.17 -2.69 -0.42	83.04 -2.22 0.00	79.39 -2.20 -0.15	79.73 -2.04 0.00	89.07 -2.66 0.00	78.20 -2.12 -1.66	82.08 -2.14 -2.09	90.07 -2.17 -1.84	104.31 -2.31 -1.52	114.76 -2.43 -1.37	130.05 -2.64 -0.76	134.04 -2.73 -0.40	142.49 -2.91 0.00	123.68 -2.40 0.00	127.72 -2.47 0.00	101.81 -2.27 -0.93	101.94 -2.25 -1.82	93.94 -2.17 -1.84	96.06 -2.11 -2.33	93.57 -2.16 -1.64	77.70 -1.96 -1.40	86.68 -2.20 -0.78
SITHE___BATAVIA 24024	78.32 -9.01 -0.70	77.53 -9.43 -0.44	73.12 -9.20 -0.88	79.29 -5.97 0.00	75.28 -6.11 0.05	76.38 -5.40 0.00	82.38 -9.36 -0.01	70.29 -7.79 0.59	76.38 -7.88 -2.14	84.33 -7.96 -1.89	98.04 -8.62 -1.56	108.19 -9.03 -1.40	115.65 -9.76 6.52	119.87 -10.23 6.26	121.14 -10.90 13.35	113.00 -9.46 3.62	115.27 -9.63 5.29	95.32 -8.77 -0.94	95.39 -8.80 -1.82	87.72 -8.39 -1.84	89.75 -8.43 -2.35	87.47 -8.28 -1.66	74.41 -6.81 -2.96	82.89 -6.87 -1.66
SITHE___INDEPEND 23800	84.27 -2.69 -0.33	83.96 -2.77 -0.21	79.17 -2.69 -0.42	83.04 -2.22 0.00	79.39 -2.20 -0.15	79.73 -2.04 0.00	89.07 -2.66 0.00	78.20 -2.12 -1.66	82.08 -2.14 -2.09	90.07 -2.17 -1.84	104.31 -2.31 -1.52	114.76 -2.43 -1.37	130.05 -2.64 -0.76	134.04 -2.73 -0.40	142.49 -2.91 0.00	123.68 -2.40 0.00	127.72 -2.47 0.00	101.81 -2.27 -0.93	101.94 -2.25 -1.82	93.94 -2.17 -1.84	96.06 -2.11 -2.33	93.57 -2.16 -1.64	77.70 -1.96 -1.40	86.68 -2.20 -0.78
SITHE___MASSENA 23902	84.20 -2.43 0.00	84.44 -2.08 0.00	79.40 -2.04 0.00	81.68 -3.58 0.00	78.10 -3.34 0.00	78.26 -3.52 0.00	89.71 -2.02 0.00	76.31 -2.36 0.00	79.08 -3.04 0.00	86.97 -3.44 0.00	100.79 -4.31 0.00	110.26 -5.56 0.00	109.82 -6.33 15.78	114.83 -7.09 14.44	108.81 -7.71 28.88	111.42 -6.81 7.85	111.82 -6.90 11.47	98.00 -5.16 0.00	97.56 -4.81 0.00	90.03 -4.24 0.00	91.33 -4.50 0.00	90.05 -4.05 0.00	75.13 -3.13 0.00	85.11 -3.00 0.00
SITHE___OGDNSBRG 24021	84.63 -1.99 0.00	85.05 -1.47 0.00	79.81 -1.63 0.00	82.02 -3.24 0.00	78.42 -3.01 0.00	78.67 -3.11 0.00	90.72 -1.01 0.00	77.33 -1.34 0.00	80.23 -1.89 0.00	88.23 -2.17 0.00	102.68 -2.42 0.00	112.11 -3.71 0.00	127.71 -4.22 0.00	130.91 -5.45 0.00	139.29 -6.11 0.00	120.78 -5.30 0.00	124.86 -5.34 0.00	99.03 -4.13 0.00	98.79 -3.58 0.00	91.16 -3.11 0.00	92.57 -3.26 0.00	91.46 -2.63 0.00	75.68 -2.58 0.00	85.55 -2.55 0.00



SITHE___STERLING 23777	87.37 0.61 -0.14	87.13 0.52 -0.09	81.85 0.24 -0.17	86.37 1.11 0.00	82.31 0.81 -0.06	82.92 1.14 0.00	92.92 1.19 0.00	81.16 1.81 -0.68	84.42 2.30 0.00	93.20 2.80 0.00	108.88 3.78 0.00	120.10 4.29 0.00	136.94 5.01 0.00	141.41 5.05 0.00	150.78 5.38 0.00	130.74 4.66 0.00	135.01 4.82 0.00	106.63 3.09 -0.38	106.40 3.28 -0.75	97.95 2.92 -0.76	99.96 3.16 -0.97	97.78 3.01 -0.68	80.33 1.49 -0.58	89.57 1.15 -0.32
SOUTH CAIRO___GT 23612	100.84 8.14 -6.07	98.00 7.70 -3.78	96.24 7.17 -7.64	92.68 7.42 0.00	91.45 7.25 -2.76	89.38 7.60 0.00	100.59 8.81 -0.06	117.08 8.18 -30.23	129.23 9.03 -38.08	134.14 10.22 -33.52	144.96 12.09 -27.77	155.61 13.67 -26.12	161.29 15.83 -13.53	162.98 16.77 -9.85	168.63 18.32 -4.91	162.45 15.63 -20.74	169.63 16.40 -23.03	152.57 12.89 -36.52	155.33 12.49 -40.47	144.28 11.50 -38.51	150.02 11.60 -42.60	135.18 11.10 -29.98	112.58 8.77 -25.55	111.75 9.34 -14.31
SOUTH HAMPTN___IC 23720	113.06 12.91 -13.53	101.13 11.25 -3.36	99.96 11.73 -6.80	96.43 11.17 0.00	94.64 10.75 -2.46	93.30 11.53 0.00	105.91 14.13 -0.05	120.81 13.53 -28.61	134.94 15.19 -37.63	140.48 17.00 -33.08	151.16 19.55 -26.51	161.97 20.73 -25.42	165.41 21.37 -12.11	172.86 22.09 -14.41	184.06 23.26 -15.39	207.41 20.68 -60.65	220.16 22.52 -67.44	192.72 17.54 -72.03	171.33 18.22 -50.74	156.29 17.63 -44.39	153.62 18.30 -39.48	163.91 17.31 -52.51	147.08 14.24 -54.57	134.49 15.15 -31.24
SOUTHOLD___IC 23719	118.86 18.71 -13.53	106.75 16.87 -3.36	105.09 16.86 -6.80	101.72 16.46 0.00	99.69 15.80 -2.46	98.37 16.60 0.00	111.59 19.81 -0.05	126.32 19.04 -28.61	141.35 21.60 -37.63	148.17 24.68 -33.08	160.72 29.11 -26.51	172.97 31.73 -25.42	178.20 34.17 -12.11	186.36 35.59 -14.41	199.03 38.24 -15.39	220.65 33.92 -60.65	233.83 36.19 -67.44	203.34 28.16 -72.03	181.37 28.25 -50.74	165.06 26.40 -44.39	162.43 27.12 -39.48	172.19 25.59 -52.51	153.49 20.66 -54.57	141.01 21.67 -31.24
ST LAWRENCE___ 23600	84.20 -2.43 0.00	84.44 -2.08 0.00	79.40 -2.04 0.00	81.60 -3.67 0.00	78.18 -3.26 0.00	78.18 -3.60 0.00	89.25 -2.48 0.00	75.92 -2.75 0.00	78.67 -3.45 0.00	86.42 -3.98 0.00	100.06 -5.04 0.00	109.68 -6.14 0.00	109.16 -6.99 15.78	114.28 -7.64 14.44	108.37 -8.14 28.88	111.04 -7.19 7.85	111.30 -7.42 11.47	97.79 -5.36 0.00	97.05 -5.32 0.00	89.56 -4.71 0.00	90.95 -4.89 0.00	89.57 -4.52 0.00	75.05 -3.21 0.00	84.93 -3.17 0.00
STATION 5_MISC_HYD 23604	81.94 -5.28 -0.59	81.01 -5.88 -0.37	76.08 -6.11 -0.75	81.42 -3.84 0.00	77.41 -3.91 0.12	78.67 -3.11 0.00	86.87 -4.86 -0.01	74.10 -3.15 1.42	83.89 -2.38 -4.15	92.34 -1.72 -3.65	107.71 -0.42 -3.03	119.01 0.46 -2.73	135.09 0.66 -2.50	138.62 0.55 -1.71	147.37 0.15 -1.83	127.48 0.88 -0.52	132.13 1.17 -0.76	104.04 -0.93 -1.81	104.48 -1.43 -3.54	96.06 -1.79 -3.58	98.47 -1.92 -4.55	95.13 -2.16 -3.20	77.86 -2.90 -2.50	86.33 -3.17 -1.40
STEEL___WIND 323596	76.37 -11.09 -0.83	75.62 -11.42 -0.52	71.49 -10.99 -1.05	77.33 -7.93 0.00	73.67 -7.82 -0.05	74.50 -7.28 0.00	80.09 -11.65 -0.01	69.37 -9.75 -0.46	73.22 -10.10 -1.20	80.97 -10.49 -1.06	94.09 -11.88 -0.86	104.09 -12.51 -0.78	105.78 -13.85 12.29	110.62 -14.32 11.42	106.83 -15.27 23.30	106.64 -13.11 6.33	107.54 -13.41 9.25	92.02 -11.66 -0.53	91.71 -11.67 -1.01	84.36 -10.94 -1.02	86.13 -11.02 -1.32	84.10 -10.91 -0.93	73.16 -8.61 -3.50	81.08 -8.99 -1.96
STURGEON_POOL_HYD 23609	100.73 8.58 -5.53	98.01 8.05 -3.44	96.13 7.74 -6.95	93.11 7.84 0.00	91.61 7.66 -2.51	89.71 7.93 0.00	101.14 9.36 -0.06	115.38 9.20 -27.51	127.07 10.26 -34.69	132.23 11.30 -30.53	143.22 12.82 -25.29	154.69 14.59 -24.28	160.85 16.62 -12.30	164.27 17.73 -10.18	171.57 19.34 -6.83	171.43 17.15 -28.21	179.23 17.71 -31.33	158.97 13.82 -42.00	156.08 13.62 -40.09	144.18 12.63 -37.28	147.14 12.55 -38.75	133.13 11.76 -27.28	111.15 9.63 -23.26	111.44 10.31 -13.03
SYRACUSE___ENERGY_ST1 323597	85.83 -1.30 -0.50	85.36 -1.47 -0.31	80.60 -1.47 -0.63	84.58 -0.68 0.00	80.94 -0.73 -0.23	81.12 -0.65 0.00	90.63 -1.10 0.00	80.66 -0.55 -2.54	84.89 -0.33 -3.10	92.95 -0.18 -2.73	107.57 0.21 -2.26	118.32 0.46 -2.04	133.71 0.66 -1.12	137.64 0.68 -0.60	146.27 0.87 0.00	126.84 0.76 0.00	130.98 0.78 0.00	104.65 0.10 0.00	105.21 0.10 -2.73	97.22 0.19 -2.76	99.73 0.38 -3.51	96.94 0.38 -2.47	80.21 -0.16 -2.10	88.84 -0.44 -1.18
SYRACUSE___ENERGY_ST2 323598	85.83 -1.30 -0.50	85.36 -1.47 -0.31	80.60 -1.47 -0.63	84.58 -0.68 0.00	80.94 -0.73 -0.23	81.12 -0.65 0.00	90.63 -1.10 0.00	80.66 -0.55 -2.54	84.89 -0.33 -3.10	92.95 -0.18 -2.73	107.57 0.21 -2.26	118.32 0.46 -2.04	133.71 0.66 -1.12	137.64 0.68 -0.60	146.27 0.87 0.00	126.84 0.76 0.00	130.98 0.78 0.00	104.65 0.10 -1.40	105.21 0.10 -2.73	97.22 0.19 -2.76	99.73 0.38 -3.51	96.94 0.38 -2.47	80.21 -0.16 -2.10	88.84 -0.44 -1.18
SYRACUSE___POWER 24017	86.15 -0.95 -0.48	85.61 -1.21 -0.30	80.82 -1.22 -0.60	84.84 -0.43 0.00	81.09 -0.57 -0.22	81.45 -0.33 0.00	91.00 -0.73 0.00	80.91 -0.16 -2.40	85.12 0.25 -2.75	93.37 0.54 -2.42	108.16 1.05 -2.01	119.02 1.39 -1.81	134.64 1.72 -1.00	138.66 1.77 -0.53	147.43 2.04 0.00	127.84 1.77 0.00	132.02 1.82 0.00	105.32 0.83 -1.35	105.82 0.82 -2.63	97.68 0.75 -2.66	100.08 0.86 -3.38	97.22 0.75 -2.38	80.36 0.08 -2.02	88.97 -0.26 -1.13
Stony___Brook 24151	111.35 11.17 -13.55	99.66 9.78 -3.36	98.25 10.02 -6.80	94.73 9.46 0.00	93.01 9.12 -2.46	91.67 9.89 0.00	103.98 12.20 -0.05	119.17 11.88 -28.62	132.48 12.73 -37.63	137.23 13.74 -33.08	147.27 15.66 -26.51	156.64 15.40 -25.42	159.34 15.30 -12.11	166.45 15.68 -14.41	176.93 16.14 -15.39	200.98 14.25 -60.65	213.39 15.75 -67.44	187.46 12.28 -72.03	166.42 13.31 -50.74	152.05 13.39 -44.39	150.07 14.76 -39.48	160.52 13.93 -52.51	144.88 12.05 -54.57	132.56 13.22 -31.24
UNION___PROCESSING_DRP 323587	80.48 -6.76 -0.61	79.81 -7.09 -0.38	75.29 -6.92 -0.77	80.57 -4.69 0.00	76.60 -4.72 0.11	77.52 -4.25 0.00	84.85 -6.88 -0.01	71.72 -5.66 1.29	80.40 -5.67 -3.95	88.27 -5.60 -3.47	102.20 -5.78 -2.88	112.39 -6.02 -2.59	127.03 -6.33 -1.43	130.44 -6.68 -0.76	138.27 -7.12 0.00	120.03 -6.05 0.00	124.08 -6.12 0.00	98.99 -5.88 -1.72	99.79 -5.94 -3.36	92.01 -5.66 -3.39	94.40 -5.75 -4.31	91.39 -5.74 -3.04	75.83 -5.01 -2.58	84.44 -5.11 -1.45
UPPER HUDSON___HYD 24058	101.69 7.97 -7.10	98.47 7.53 -4.42	96.48 6.11 -8.93	92.42 7.16 0.00	91.92 7.25 -3.24	89.62 7.85 0.00	99.87 8.07 -0.07	119.35 5.27 -35.41	131.02 4.27 -44.63	134.84 5.15 -39.29	144.69 7.04 -32.55	152.74 7.30 -29.63	156.96 8.84 -16.19	155.23 9.55 -9.32	156.72 9.89 -1.43	139.19 7.69 -5.42	144.04 7.81 -6.04	136.05 7.94 -24.96	150.22 7.06 -40.78	140.97 6.13 -40.58	152.87 7.09 -49.94	136.40 7.15 -35.15	113.93 5.79 -29.88	111.27 6.43 -16.73
UPPER RAQUET___HYD 24056	84.29 -2.34 0.00	84.62 -1.90 0.00	79.40 -2.04 0.00	81.85 -3.41 0.00	78.18 -3.26 0.00	78.50 -3.27 0.00	90.08 -1.65 0.00	77.02 -1.65 0.00	79.74 -2.38 0.00	87.69 -2.71 0.00	101.95 -3.15 0.00	111.30 -4.52 0.00	126.52 -5.41 0.00	128.86 -7.50 0.00	137.55 -7.85 0.00	119.65 -6.43 0.00	123.55 -6.64 0.00	98.10 -5.05 0.00	98.17 -4.20 0.00	90.59 -3.68 0.00	91.90 -3.93 0.00	90.89 -3.20 0.00	75.44 -2.82 0.00	85.28 -2.82 0.00
VISCHER___FERRY HYD 24020	100.27 6.76 -6.89	97.47 6.66 -4.29	95.89 5.78 -8.67	91.83 6.57 0.00	90.60 6.03 -3.14	88.56 6.79 0.00	98.77 6.97 -0.07	118.11 5.11 -34.32	130.54 5.09 -43.33	134.32 5.79 -38.13	143.95 7.25 -31.59	152.36 7.88 -28.67	156.61 8.97 -15.71	154.60 9.41 -8.83	156.10 9.74 -0.96	137.53 7.82 -3.63	142.31 8.07 -4.04	132.97 7.12 -22.70	148.14 6.76 -39.01	139.29 6.03 -38.99	150.83 6.52 -48.48	134.70 6.49 -34.12	112.58 5.32 -29.00	110.42 6.08 -16.24



WADING RIVER_IC_1 23522	110.89 10.74 -13.52	99.23 9.34 -3.36	98.33 10.10 -6.80	94.81 9.55 0.00	93.10 9.20 -2.46	91.67 9.89 0.00	104.07 12.29 -0.05	118.84 11.56 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.11 15.87 -25.42	159.87 15.83 -12.11	166.73 15.95 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.17 16.53 -67.44	188.07 12.89 -72.03	166.93 13.82 -50.74	152.52 13.86 -44.39	149.88 14.57 -39.48	160.33 13.74 -52.51	144.49 11.66 -54.57	131.94 12.60 -31.24
WADING RIVER_IC_2 23547	110.89 10.74 -13.52	99.23 9.34 -3.36	98.33 10.10 -6.80	94.81 9.55 0.00	93.10 9.20 -2.46	91.67 9.89 0.00	104.07 12.29 -0.05	118.84 11.56 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.11 15.87 -25.42	159.87 15.83 -12.11	166.73 15.95 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.17 16.53 -67.44	188.07 12.89 -72.03	166.93 13.82 -50.74	152.52 13.86 -44.39	149.88 14.57 -39.48	160.33 13.74 -52.51	144.49 11.66 -54.57	131.94 12.60 -31.24
WADING RIVER_IC_3 23601	110.89 10.74 -13.52	99.23 9.34 -3.36	98.33 10.10 -6.80	94.81 9.55 0.00	93.10 9.20 -2.46	91.67 9.89 0.00	104.07 12.29 -0.05	118.84 11.56 -28.61	132.31 12.56 -37.63	137.23 13.74 -33.08	147.06 15.45 -26.51	157.11 15.87 -25.42	159.87 15.83 -12.11	166.73 15.95 -14.41	177.51 16.72 -15.39	201.61 14.88 -60.65	214.17 16.53 -67.44	188.07 12.89 -72.03	166.93 13.82 -50.74	152.52 13.86 -44.39	149.88 14.57 -39.48	160.33 13.74 -52.51	144.49 11.66 -54.57	131.94 12.60 -31.24
WALDEN___HYDRO 24148	99.18 7.28 -5.28	96.47 6.66 -3.28	94.43 6.35 -6.64	91.66 6.39 0.00	90.11 6.27 -2.40	88.40 6.62 0.00	99.67 7.89 -0.05	112.88 7.95 -26.26	124.23 9.03 -33.08	129.55 10.03 -29.12	140.57 11.35 -24.12	152.98 13.09 -24.07	158.47 14.78 -11.76	164.26 15.82 -12.08	173.84 17.30 -11.14	185.90 15.26 -44.57	195.61 15.88 -49.53	172.15 12.38 -56.62	158.99 12.18 -44.43	145.32 11.22 -39.83	144.04 11.21 -37.00	130.76 10.63 -26.04	108.84 8.37 -22.21	109.35 8.81 -12.44
WARRENSBURG___ 23737	101.87 8.14 -7.10	98.64 7.70 -4.42	96.56 6.19 -8.93	92.51 7.25 0.00	92.00 7.33 -3.24	89.71 7.93 0.00	100.05 8.26 -0.07	119.51 5.43 -35.41	131.19 4.43 -44.63	134.66 4.97 -39.29	144.27 6.62 -32.55	152.16 6.72 -29.63	156.17 8.05 -16.19	154.41 8.73 -9.32	155.70 8.87 -1.43	138.31 6.81 -5.42	143.26 7.03 -6.04	135.74 7.63 -24.96	150.22 7.06 -40.78	141.16 6.32 -40.58	153.06 7.28 -49.94	136.68 7.43 -35.15	114.09 5.95 -29.88	111.44 6.61 -16.73
WATERSIDE___6 8 9 23538	138.20 8.84 -42.73	135.99 8.05 -41.43	95.89 7.66 -6.80	93.11 7.84 -0.01	91.47 7.57 -2.46	91.00 8.01 -1.21	138.23 9.26 -37.24	149.52 9.36 -61.49	154.24 10.43 -61.69	140.73 11.57 -38.76	138.71 13.14 -20.47	141.33 15.06 -10.45	141.48 16.62 7.07	148.78 17.59 5.17	161.95 18.47 1.92	190.18 16.01 -48.09	203.94 16.53 -57.21	173.00 13.31 -56.54	151.03 13.41 -35.25	140.17 12.35 -33.55	138.46 12.27 -30.36	133.09 11.86 -27.15	136.79 9.70 -48.83	143.83 10.31 -45.42
WEST BABYLON___IC 23714	112.07 11.17 -14.27	99.66 9.78 -3.36	97.92 9.69 -6.80	94.47 9.21 0.00	92.69 8.80 -2.46	91.18 9.40 0.00	103.43 11.65 -0.05	119.26 11.64 -28.95	132.48 12.73 -37.63	137.50 14.01 -33.09	147.59 15.98 -26.51	158.03 16.79 -25.42	161.19 17.15 -12.11	168.63 17.86 -14.41	179.84 19.05 -15.39	203.63 16.89 -60.65	215.47 17.84 -67.44	189.11 13.93 -72.03	167.55 14.43 -50.74	153.09 14.42 -44.39	150.26 14.95 -39.48	160.80 14.21 -52.51	144.57 11.74 -54.57	132.07 12.60 -31.37
WEST CANADA___HYD 24049	87.19 0.69 0.13	87.13 0.69 0.08	81.84 0.57 0.17	86.03 0.77 0.00	82.11 0.73 0.06	82.51 0.74 0.00	92.46 0.73 0.00	78.71 0.71 0.67	82.05 0.82 0.89	90.52 0.90 0.78	105.61 1.16 0.65	116.50 1.27 0.59	133.06 1.45 0.32	137.83 1.64 0.17	147.00 1.60 0.00	127.47 1.39 0.00	131.63 1.43 0.00	103.91 1.13 0.37	102.76 1.13 0.73	94.57 1.04 0.74	95.95 1.05 0.94	94.46 1.04 0.66	78.40 0.70 0.56	88.49 0.70 0.32
WESTERN_NY_WIND 24143	78.16 -9.18 -0.71	77.45 -9.52 -0.44	73.05 -9.28 -0.90	79.21 -6.05 0.00	75.21 -6.19 0.04	76.29 -5.48 0.00	82.20 -9.54 -0.01	70.28 -7.87 0.52	76.04 -8.05 -1.97	84.00 -8.14 -1.73	97.70 -8.83 -1.43	107.84 -9.27 -1.29	114.61 -10.03 7.29	118.91 -10.50 6.95	119.55 -11.20 14.65	112.40 -9.71 3.97	114.49 -9.89 5.81	95.04 -8.97 -0.86	95.04 -9.01 -1.67	87.38 -8.58 -1.69	89.37 -8.62 -2.16	87.14 -8.47 -1.52	74.29 -6.97 -3.00	82.82 -6.96 -1.68
YORK___WARBASSE 23770	147.78 9.27 -51.89	145.67 8.39 -50.76	96.14 7.90 -6.80	93.28 8.01 -0.01	91.56 7.66 -2.47	91.46 8.18 -1.51	147.53 9.45 -46.35	156.89 9.75 -68.46	169.05 10.92 -76.01	245.91 12.11 -143.40	264.84 13.77 -145.97	264.97 15.75 -133.40	264.91 17.41 -115.57	265.05 18.41 -110.28	264.91 19.34 -100.17	265.00 16.77 -122.15	264.99 17.32 -117.48	264.88 13.93 -147.80	265.01 14.02 -148.62	264.87 12.82 -157.78	264.88 12.84 -156.21	264.96 12.42 -158.45	264.88 10.10 -176.52	191.76 10.84 -92.82