

# Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion					--- Scarcity Pricing In Effect (Y/N)												
Generator Data		04/29/2008																											
Name	PTID	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				
59TH STREET_GT_1	24138	126.70	38.55	48.85	52.03	65.66	61.09	207.04	175.63	160.57	182.13	241.17	143.65	85.66	89.32	138.05	94.40	79.76	116.47	131.56	69.55	101.65	20.87	82.66	79.82				
		9.64	2.80	3.33	2.85	1.68	4.93	18.24	15.28	15.14	17.59	23.34	4.60	3.97	3.54	1.71	2.89	4.23	8.40	3.09	5.83	10.64	2.10	7.90	7.14				
		-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.92	-65.63	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
74TH STREET_GT_1	24260	126.77	38.57	48.88	52.05	65.67	61.11	207.04	175.58	160.61	182.16	241.17	143.64	85.67	89.33	138.06	94.41	79.78	116.49	131.57	69.57	101.70	20.88	82.74	79.87				
		9.70	2.83	3.35	2.86	1.69	4.95	18.24	15.22	15.18	17.62	23.34	4.60	3.97	3.55	1.72	2.89	4.24	8.41	3.09	5.84	10.69	2.11	7.97	7.19				
		-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
74TH STREET_GT_2	24261	126.77	38.57	48.88	52.05	65.67	61.11	207.04	175.58	160.61	182.16	241.17	143.64	85.67	89.33	138.06	94.41	79.78	116.49	131.57	69.57	101.70	20.88	82.74	79.87				
		9.70	2.83	3.35	2.86	1.69	4.95	18.24	15.22	15.18	17.62	23.34	4.60	3.97	3.55	1.72	2.89	4.24	8.41	3.09	5.84	10.69	2.11	7.97	7.19				
		-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
ADK HUDSON___FALLS	24011	120.64	36.84	47.49	53.30	76.00	57.28	194.35	164.60	149.23	168.68	225.19	166.77	95.98	102.84	173.44	111.95	87.88	119.98	159.29	68.10	93.19	19.38	76.34	74.33				
		1.98	0.35	0.72	0.77	0.45	1.12	5.28	4.25	3.80	4.14	6.88	1.33	0.83	0.74	0.40	0.54	0.75	1.67	0.81	1.33	2.18	0.61	1.58	1.48				
		-7.53	-3.52	-5.85	-15.69	-54.29	0.00	-1.25	0.00	0.00	0.00	-2.28	-123.84	-60.20	-70.16	-157.61	-85.52	-49.85	-44.01	-129.10	-13.11	0.00	0.00	0.00	-0.70				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
ADK RESOURCE___RCVRY	23798	120.64	36.84	47.49	53.30	76.00	57.28	194.35	164.60	149.23	168.68	225.19	166.77	95.98	102.84	173.44	111.95	87.88	119.98	159.29	68.10	93.19	19.38	76.34	74.33				
		1.98	0.35	0.72	0.77	0.45	1.12	5.28	4.25	3.80	4.14	6.88	1.33	0.83	0.74	0.40	0.54	0.75	1.67	0.81	1.33	2.18	0.61	1.58	1.48				
		-7.53	-3.52	-5.85	-15.69	-54.29	0.00	-1.25	0.00	0.00	0.00	-2.28	-123.84	-60.20	-70.16	-157.61	-85.52	-49.85	-44.01	-129.10	-13.11	0.00	0.00	0.00	-0.70				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
ADK S GLENS___FALLS	24028	120.64	36.84	47.49	53.30	76.00	57.28	194.35	164.60	149.23	168.68	225.19	166.77	95.98	102.84	173.44	111.95	87.88	119.98	159.29	68.10	93.19	19.38	76.34	74.33				
		1.98	0.35	0.72	0.77	0.45	1.12	5.28	4.25	3.80	4.14	6.88	1.33	0.83	0.74	0.40	0.54	0.75	1.67	0.81	1.33	2.18	0.61	1.58	1.48				
		-7.53	-3.52	-5.85	-15.69	-54.29	0.00	-1.25	0.00	0.00	0.00	-2.28	-123.84	-60.20	-70.16	-157.61	-85.52	-49.85	-44.01	-129.10	-13.11	0.00	0.00	0.00	-0.70				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
ADK_NYS___DAM	23527	124.77	37.89	48.63	54.09	75.37	58.95	198.72	168.35	152.67	172.65	230.22	164.82	95.41	101.96	170.00	110.65	87.75	120.93	156.95	69.33	95.38	19.76	78.51	76.80				
		6.29	1.48	1.99	1.94	1.14	2.78	9.68	8.00	7.24	8.11	11.97	2.39	1.73	1.58	0.83	1.35	1.85	3.70	1.63	2.87	4.36	0.99	3.75	3.97				
		-7.34	-3.43	-5.70	-15.31	-52.98	0.00	-1.22	0.00	0.00	0.00	-2.22	-120.84	-58.73	-68.44	-153.75	-83.43	-48.63	-42.93	-125.94	-12.79	0.00	0.00	0.00	-0.68				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
AIR_PRODUCTS___DRP	24190	124.80	38.19	48.90	54.22	75.39	59.50	200.73	169.88	154.20	174.32	231.46	164.89	95.68	102.18	169.96	110.75	88.04	121.59	156.95	69.56	96.43	19.90	78.96	76.76				
		6.32	1.79	2.28	2.09	1.22	3.33	11.69	9.53	8.77	9.78	13.20	2.61	2.05	1.85	0.92	1.50	2.18	4.39	1.73	3.12	5.42	1.13	4.19	3.94				
		-7.34	-3.43	-5.70	-15.29	-52.91	0.00	-1.22	0.00	0.00	0.00	-2.22	-120.69	-58.67	-68.39	-153.62	-83.36	-48.59	-42.90	-125.84	-12.78	0.00	0.00	0.00	-0.68				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
ALBANY___1	23571	124.80	38.19	48.90	54.22	75.39	59.50	200.73	169.88	154.20	174.32	231.46	164.89	95.68	102.18	169.96	110.75	88.04	121.59	156.95	69.56	96.43	19.90	78.96	76.76				
		6.32	1.79	2.28	2.09	1.22	3.33	11.69	9.53	8.77	9.78	13.20	2.61	2.05	1.85	0.92	1.50	2.18	4.39	1.73	3.12	5.42	1.13	4.19	3.94				
		-7.34	-3.43	-5.70	-15.29	-52.91	0.00	-1.22	0.00	0.00	0.00	-2.22	-120.69	-58.67	-68.39	-153.62	-83.36	-48.59	-42.90	-125.84	-12.78	0.00	0.00	0.00	-0.68				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
ALBANY___2	23572	124.80	38.19	48.90	54.22	75.39	59.50	200.73	169.88	154.20	174.32	231.46	164.89	95.68	102.18	169.96	110.75	88.04	121.59	156.95	69.56	96.43	19.90	78.96	76.76				
		6.32	1.79	2.28	2.09	1.22	3.33	11.69	9.53	8.77	9.78	13.20	2.61	2.05	1.85	0.92	1.50	2.18	4.39	1.73	3.12	5.42	1.13	4.19	3.94				
		-7.34	-3.43	-5.70	-15.29	-52.91	0.00	-1.22	0.00	0.00	0.00	-2.22	-120.69	-58.67	-68.39	-153.62	-83.36	-48.59	-42.90	-125.84	-12.78	0.00	0.00	0.00	-0.68				
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N				
ALBANY___3		124.80	38.19	48.90	54.22	75.39	59.50	200.73	169.88	154.20	174.32	231.46	164.89	95.68	102.18	169.96	110.75	88.04	121.59	156.95	69.56	96.43	19.90	78.96	76.76				



23573	6.32 -7.34 N	1.79 -3.43 N	2.28 -5.70 N	2.09 -15.29 N	1.22 -52.91 N	3.33 0.00 N	11.69 -1.22 N	9.53 0.00 N	8.77 0.00 N	9.78 0.00 N	13.20 -2.22 N	2.61 -120.69 N	2.05 -58.67 N	1.85 -68.39 N	0.92 -153.62 N	1.50 -83.36 N	2.18 -48.59 N	4.39 -42.90 N	1.73 -125.84 N	3.12 -12.78 N	5.42 0.00 N	1.13 0.00 N	4.19 0.00 N	3.94 -0.68 N
ALBANY____4 23574	124.80 6.32 -7.34 N	38.19 1.79 -3.43 N	48.90 2.28 -5.70 N	54.22 2.09 -15.29 N	75.39 1.22 -52.91 N	59.50 3.33 0.00 N	200.73 11.69 -1.22 N	169.88 9.53 0.00 N	154.20 8.77 0.00 N	174.32 9.78 0.00 N	231.46 13.20 -2.22 N	164.89 2.61 -120.69 N	95.68 2.05 -58.67 N	102.18 1.85 -68.39 N	169.96 0.92 -153.62 N	110.75 1.50 -83.36 N	88.04 2.18 -48.59 N	121.59 4.39 -42.90 N	156.95 1.73 -125.84 N	69.56 3.12 -12.78 N	96.43 5.42 0.00 N	19.90 1.13 0.00 N	78.96 4.19 0.00 N	76.76 3.94 -0.68 N
ALCOA_RYNLDS____DRP 24188	108.67 -2.47 0.00 N	32.20 -0.77 0.00 N	40.02 -0.91 0.00 N	36.08 -0.75 0.00 N	20.75 -0.51 0.00 N	54.62 -1.55 0.00 N	181.85 -5.97 0.00 N	155.67 -4.69 0.00 N	140.73 -4.70 0.00 N	159.11 -5.43 0.00 N	208.67 -7.36 0.00 N	39.94 -1.65 0.00 N	33.55 -1.41 0.00 N	30.76 -1.19 0.00 N	14.90 -0.52 0.00 N	25.01 -0.87 0.00 N	36.01 -1.27 0.00 N	71.77 -2.53 0.00 N	28.42 -0.96 0.00 N	51.94 -1.72 0.00 N	87.73 -3.28 0.00 N	18.20 -0.57 0.00 N	72.36 -2.41 0.00 N	69.58 -2.57 0.00 N
ALLEGHENY____COGEN 23514	113.33 1.25 -0.93 N	33.96 0.55 -0.44 N	41.96 0.31 -0.73 N	39.01 0.22 -1.95 N	28.46 0.45 -6.74 N	57.79 1.63 0.00 N	198.35 10.38 -0.16 N	170.10 9.75 0.00 N	154.99 9.56 0.00 N	176.36 11.82 0.00 N	230.92 14.60 -0.28 N	59.00 2.41 -15.00 N	44.27 2.00 -7.32 N	42.32 1.82 -8.55 N	35.53 0.89 -19.21 N	37.65 1.35 -10.43 N	45.18 1.82 -6.08 N	83.21 3.54 -5.37 N	46.57 1.44 -15.75 N	57.78 2.52 -1.60 N	96.33 5.32 0.00 N	19.65 0.88 0.00 N	78.24 3.48 0.00 N	73.88 1.65 -0.08 N
AMERICAN_REF_FUEL 24010	101.39 -10.58 -0.84 N	30.67 -2.70 -0.39 N	37.92 -3.66 -0.66 N	35.30 -3.29 -1.76 N	25.69 -1.66 -6.09 N	51.39 -4.77 0.00 N	173.78 -14.18 -0.14 N	147.18 -13.18 0.00 N	134.47 -10.96 0.00 N	153.35 -11.19 0.00 N	201.05 -15.24 -0.25 N	52.00 -3.26 -13.67 N	39.12 -2.50 -6.67 N	37.43 -2.31 -7.80 N	31.85 -1.08 -17.51 N	33.36 -2.02 -9.50 N	39.73 -3.09 -5.54 N	72.61 -6.59 -4.90 N	41.20 -2.55 -14.36 N	49.98 -5.13 -1.46 N	82.80 -8.22 0.00 N	16.81 -1.95 0.00 N	68.29 -6.47 0.00 N	65.42 -6.80 -0.08 N
ARTHUR_KILL_GT_1 23520	126.65 9.59 -5.92 N	38.52 2.77 -2.77 N	48.81 3.28 -4.60 N	51.96 2.78 -12.35 N	65.63 1.65 -42.72 N	60.98 4.82 0.00 N	206.65 17.85 -0.99 N	175.22 14.87 0.00 N	160.43 15.00 0.00 N	181.64 17.10 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.58 3.88 -46.75 N	89.22 3.44 -53.83 N	138.02 1.67 -120.93 N	94.32 2.81 -65.64 N	79.62 4.08 -38.26 N	116.17 8.09 -33.78 N	131.43 2.95 -99.09 N	69.32 5.59 -10.06 N	101.26 10.25 0.00 N	20.75 1.98 0.00 N	82.55 7.79 0.00 N	79.74 7.06 -0.54 N
ARTHUR_KILL_2 23512	126.65 9.59 -5.92 N	38.52 2.77 -2.77 N	48.81 3.28 -4.60 N	51.96 2.78 -12.35 N	65.63 1.65 -42.72 N	60.98 4.82 0.00 N	206.65 17.85 -0.99 N	175.22 14.87 0.00 N	160.43 15.00 0.00 N	181.64 17.10 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.58 3.88 -46.75 N	89.22 3.44 -53.83 N	138.02 1.67 -120.93 N	94.32 2.81 -65.64 N	79.62 4.08 -38.26 N	116.17 8.09 -33.78 N	131.43 2.95 -99.09 N	69.32 5.59 -10.06 N	101.26 10.25 0.00 N	20.75 1.98 0.00 N	82.55 7.79 0.00 N	79.74 7.06 -0.54 N
ARTHUR_KILL_3 23513	126.24 9.18 -5.92 N	38.43 2.69 -2.77 N	48.69 3.17 -4.60 N	51.87 2.68 -12.35 N	65.56 1.58 -42.72 N	60.81 4.64 0.00 N	206.14 17.33 -0.99 N	174.69 14.34 0.00 N	159.75 14.33 0.00 N	181.19 16.65 0.00 N	239.99 22.16 -1.79 N	143.43 4.38 -97.46 N	85.48 3.78 -46.75 N	89.17 3.40 -53.83 N	137.98 1.64 -120.92 N	94.27 2.76 -65.63 N	79.58 4.04 -38.26 N	116.09 8.01 -33.78 N	131.42 2.94 -99.09 N	69.27 5.54 -10.06 N	101.25 10.23 0.00 N	20.76 1.99 0.00 N	82.38 7.61 0.00 N	79.58 6.90 -0.54 N
ASHOKAN____ 23654	126.94 9.55 -6.25 N	38.61 2.71 -2.92 N	49.08 3.30 -4.86 N	52.80 2.93 -13.03 N	68.09 1.73 -45.10 N	61.08 4.92 0.00 N	206.75 17.89 -1.04 N	175.73 15.38 0.00 N	160.34 14.91 0.00 N	181.67 17.13 0.00 N	240.40 22.46 -1.90 N	149.29 4.32 -103.39 N	88.87 3.64 -50.28 N	93.89 3.32 -58.62 N	148.70 1.59 -131.69 N	99.84 2.69 -71.27 N	82.69 3.95 -41.46 N	118.80 7.89 -36.61 N	139.77 3.00 -107.39 N	70.28 5.71 -10.91 N	101.01 10.00 0.00 N	20.79 2.02 0.00 N	81.96 7.19 0.00 N	79.17 6.45 -0.57 N
ASTORIA_EAST_ENERGY_CC1 323581	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_EAST_ENERGY_CC2 323582	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT2_1 24094	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT2_2 24095	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT2_3 24096	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N



ASTORIA_GT2_4 24097	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT3_1 24098	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT3_2 24099	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT3_3 24100	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT3_4 24101	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT4_1 24102	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT4_2 24103	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT4_3 24104	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT4_4 24105	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT_1 23523	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N
ASTORIA_GT_10 24110	126.59 9.53 -5.92 N	38.54 2.80 -2.77 N	48.84 3.31 -4.60 N	52.00 2.82 -12.35 N	65.66 1.67 -42.72 N	61.04 4.87 0.00 N	206.21 17.41 -0.99 N	174.98 14.62 0.00 N	160.42 14.99 0.00 N	181.74 17.20 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.69 -120.93 N	94.38 2.86 -65.64 N	79.74 4.20 -38.26 N	116.37 8.29 -33.78 N	131.50 3.02 -99.09 N	69.50 5.77 -10.06 N	101.56 10.54 0.00 N	20.80 2.03 0.00 N	82.68 7.92 0.00 N	79.83 7.15 -0.54 N
ASTORIA_GT_11 24225	126.59 9.53 -5.92 N	38.54 2.80 -2.77 N	48.84 3.31 -4.60 N	52.00 2.82 -12.35 N	65.66 1.67 -42.72 N	61.04 4.87 0.00 N	206.21 17.41 -0.99 N	174.98 14.62 0.00 N	160.42 14.99 0.00 N	181.74 17.20 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.69 -120.93 N	94.38 2.86 -65.64 N	79.74 4.20 -38.26 N	116.37 8.29 -33.78 N	131.50 3.02 -99.09 N	69.50 5.77 -10.06 N	101.56 10.54 0.00 N	20.80 2.03 0.00 N	82.68 7.92 0.00 N	79.83 7.15 -0.54 N
ASTORIA_GT_12 24226	126.59 9.53 -5.92 N	38.54 2.80 -2.77 N	48.84 3.31 -4.60 N	52.00 2.82 -12.35 N	65.66 1.67 -42.72 N	61.04 4.87 0.00 N	206.21 17.41 -0.99 N	174.98 14.62 0.00 N	160.42 14.99 0.00 N	181.74 17.20 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.69 -120.93 N	94.38 2.86 -65.64 N	79.74 4.20 -38.26 N	116.37 8.29 -33.78 N	131.50 3.02 -99.09 N	69.50 5.77 -10.06 N	101.56 10.54 0.00 N	20.80 2.03 0.00 N	82.68 7.92 0.00 N	79.83 7.15 -0.54 N
ASTORIA_GT_13 24227	126.59 9.53 -5.92 N	38.54 2.80 -2.77 N	48.84 3.31 -4.60 N	52.00 2.82 -12.35 N	65.66 1.67 -42.72 N	61.04 4.87 0.00 N	206.21 17.41 -0.99 N	174.98 14.62 0.00 N	160.42 14.99 0.00 N	181.74 17.20 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.69 -120.93 N	94.38 2.86 -65.64 N	79.74 4.20 -38.26 N	116.37 8.29 -33.78 N	131.50 3.02 -99.09 N	69.50 5.77 -10.06 N	101.56 10.54 0.00 N	20.80 2.03 0.00 N	82.68 7.92 0.00 N	79.83 7.15 -0.54 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ASTORIA_GT_5 24106	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N	
ASTORIA_GT_7 24107	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N	
ASTORIA_GT_8 24108	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N	
ASTORIA___2 24149	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N	
ASTORIA___3 23516	126.59 9.53 -5.92 N	38.54 2.80 -2.77 N	48.84 3.31 -4.60 N	52.00 2.81 -12.35 N	65.66 1.67 -42.72 N	61.04 4.87 0.00 N	206.21 17.41 -0.99 N	174.98 14.62 0.00 N	160.39 14.96 0.00 N	181.74 17.20 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.69 -120.93 N	94.38 2.86 -65.64 N	79.74 4.20 -38.26 N	116.37 8.29 -33.78 N	131.50 3.02 -99.09 N	69.50 5.77 -10.06 N	101.56 10.54 0.00 N	20.80 2.03 0.00 N	82.68 7.92 0.00 N	79.83 7.15 -0.54 N	
ASTORIA___4 23517	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.61 16.80 -0.99 N	174.45 14.10 0.00 N	160.71 15.28 0.00 N	181.99 17.44 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.59 10.57 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N	
ASTORIA___5 23518	126.79 9.73 -5.92 N	38.58 2.83 -2.77 N	48.88 3.36 -4.60 N	52.03 2.85 -12.35 N	65.68 1.70 -42.72 N	61.11 4.94 0.00 N	205.63 16.83 -0.99 N	174.45 14.10 0.00 N	160.74 15.31 0.00 N	182.00 17.46 0.00 N	240.31 22.48 -1.79 N	143.53 4.48 -97.46 N	85.64 3.93 -46.75 N	89.89 3.52 -54.43 N	138.05 1.70 -120.93 N	94.40 2.88 -65.64 N	79.74 4.19 -38.27 N	116.37 8.29 -33.79 N	131.49 3.01 -99.10 N	69.51 5.78 -10.06 N	101.60 10.58 -0.01 N	372.81 1.98 -352.06 N	200.38 8.07 -117.55 N	80.04 7.36 -0.54 N	
ATHENS_STG_1 23668	123.58 6.03 -6.41 N	37.74 1.77 -3.00 N	48.08 2.17 -4.98 N	52.11 1.91 -13.36 N	68.62 1.12 -46.24 N	59.28 3.12 0.00 N	199.71 10.82 -1.07 N	169.14 8.79 0.00 N	153.78 8.35 0.00 N	173.82 9.28 0.00 N	230.47 12.49 -1.94 N	149.58 2.45 -105.54 N	88.30 2.10 -51.25 N	93.53 1.90 -59.68 N	150.42 0.92 -134.07 N	100.17 1.55 -72.74 N	81.94 2.27 -42.39 N	116.26 4.53 -37.43 N	140.88 1.70 -109.79 N	67.99 3.18 -11.15 N	96.68 5.66 0.00 N	19.90 1.14 0.00 N	79.05 4.29 0.00 N	76.72 3.98 -0.60 N	
ATHENS_STG_2 23670	123.58 6.03 -6.41 N	37.74 1.77 -3.00 N	48.08 2.17 -4.98 N	52.11 1.91 -13.36 N	68.62 1.12 -46.24 N	59.28 3.12 0.00 N	199.71 10.82 -1.07 N	169.14 8.79 0.00 N	153.78 8.35 0.00 N	173.82 9.28 0.00 N	230.47 12.49 -1.94 N	149.58 2.45 -105.54 N	88.30 2.10 -51.25 N	93.53 1.90 -59.68 N	150.42 0.92 -134.07 N	100.17 1.55 -72.74 N	81.94 2.27 -42.39 N	116.26 4.53 -37.43 N	140.88 1.70 -109.79 N	67.99 3.18 -11.15 N	96.68 5.66 0.00 N	19.90 1.14 0.00 N	79.05 4.29 0.00 N	76.72 3.98 -0.60 N	
ATHENS_STG_3 23677	123.58 6.03 -6.41 N	37.74 1.77 -3.00 N	48.08 2.17 -4.98 N	52.11 1.91 -13.36 N	68.62 1.12 -46.24 N	59.28 3.12 0.00 N	199.71 10.82 -1.07 N	169.14 8.79 0.00 N	153.78 8.35 0.00 N	173.82 9.28 0.00 N	230.47 12.49 -1.94 N	149.58 2.45 -105.54 N	88.30 2.10 -51.25 N	93.53 1.90 -59.68 N	150.42 0.92 -134.07 N	100.17 1.55 -72.74 N	81.94 2.27 -42.39 N	116.26 4.53 -37.43 N	140.88 1.70 -109.79 N	67.99 3.18 -11.15 N	96.68 5.66 0.00 N	19.90 1.14 0.00 N	79.05 4.29 0.00 N	76.72 3.98 -0.60 N	
BARRETT_IC_1 23704	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N	
BARRETT_IC_10 23701	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N	
BARRETT_IC_11 23702	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N	
BARRETT_IC_12	127.66	38.83	49.14	52.28	65.82	61.56	207.00	181.07	160.46	182.09	240.55	143.53	109.66	118.70	138.15	112.25	116.91	118.22	131.63	211.60	148.40	73.57	105.67	86.36	



23703	10.59 -5.92 N	3.09 -2.77 N	3.62 -4.60 N	3.09 -12.35 N	1.84 -42.72 N	5.40 0.00 N	18.19 -0.99 N	16.09 -4.63 N	15.03 0.00 N	17.55 0.00 N	22.73 -1.79 N	4.47 -97.46 N	4.23 -70.48 N	3.86 -82.89 N	1.79 -120.94 N	3.07 -83.31 N	4.54 -75.09 N	8.99 -34.94 N	3.14 -99.10 N	6.23 -151.71 N	11.51 -45.87 N	2.30 -52.51 N	9.03 -21.87 N	8.15 -6.07 N
BARRETT_IC_2 23705	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT_IC_3 23706	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT_IC_4 23707	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT_IC_5 23708	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT_IC_6 23709	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT_IC_7 23710	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT_IC_8 23711	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT_IC_9 23700	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT___1 23545	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BARRETT___2 23546	127.66 10.59 -5.92 N	38.83 3.09 -2.77 N	49.14 3.62 -4.60 N	52.28 3.09 -12.35 N	65.82 1.84 -42.72 N	61.56 5.40 0.00 N	207.00 18.19 -0.99 N	181.07 16.09 -4.63 N	160.46 15.03 0.00 N	182.09 17.55 0.00 N	240.55 22.73 -1.79 N	143.53 4.47 -97.46 N	109.66 4.23 -70.48 N	118.70 3.86 -82.89 N	138.15 1.79 -120.94 N	112.25 3.07 -83.31 N	116.91 4.54 -75.09 N	118.22 8.99 -34.94 N	131.63 3.14 -99.10 N	211.60 6.23 -151.71 N	148.40 11.51 -45.87 N	73.57 2.30 -52.51 N	105.67 9.03 -21.87 N	86.36 8.15 -6.07 N
BEAVER RIVER___HYD 24048	105.19 -6.08 -0.13 N	31.18 -1.85 -0.06 N	38.64 -2.38 -0.10 N	34.94 -2.16 -0.27 N	21.01 -1.18 -0.94 N	53.29 -2.87 0.00 N	180.04 -7.80 -0.02 N	155.19 -5.16 0.00 N	140.76 -4.66 0.00 N	159.40 -5.14 0.00 N	209.46 -6.61 -0.04 N	42.14 -1.34 -1.89 N	34.66 -1.22 -0.92 N	31.95 -1.12 -1.13 N	17.44 -0.54 -2.55 N	26.28 -0.99 -1.39 N	36.62 -1.47 -0.81 N	71.98 -3.03 -0.71 N	30.34 -1.14 -2.09 N	51.82 -2.06 -0.21 N	88.02 -2.99 0.00 N	18.20 -0.57 0.00 N	71.54 -3.22 0.00 N	68.65 -3.51 -0.01 N
BEEBEE_GT_13 23619	114.98 3.24 -0.61 N	34.53 1.27 -0.28 N	42.68 1.29 -0.47 N	39.23 1.13 -1.27 N	26.58 0.94 -4.39 N	58.94 2.78 0.00 N	201.49 13.56 -0.10 N	172.87 12.52 0.00 N	157.63 12.20 0.00 N	179.19 14.65 0.00 N	235.25 19.04 -0.18 N	54.73 3.37 -9.77 N	42.60 2.89 -4.76 N	40.10 2.59 -5.57 N	29.19 1.26 -12.51 N	34.60 1.93 -6.79 N	43.87 2.64 -3.96 N	82.80 5.01 -3.50 N	41.66 2.02 -10.26 N	58.32 3.62 -1.04 N	98.13 7.12 0.00 N	20.16 1.39 0.00 N	79.58 4.81 0.00 N	75.42 3.22 -0.06 N
BETHLEHEM___GRP 23843	124.80 6.32 -7.34 N	38.19 1.79 -3.43 N	48.90 2.28 -5.70 N	54.22 2.09 -15.29 N	75.39 1.22 -52.91 N	59.50 3.33 0.00 N	200.73 11.69 -1.22 N	169.88 9.53 0.00 N	154.20 8.77 0.00 N	174.32 9.78 0.00 N	231.46 13.20 -2.22 N	164.89 2.61 -120.69 N	95.68 2.05 -58.67 N	102.18 1.85 -68.39 N	169.96 0.92 -153.62 N	110.75 1.50 -83.36 N	88.04 2.18 -48.59 N	121.59 4.39 -42.90 N	156.95 1.73 -125.84 N	69.56 3.12 -12.78 N	96.43 5.42 0.00 N	19.90 1.13 0.00 N	78.96 4.19 0.00 N	76.76 3.94 -0.68 N



BETHLEHEM___GS1 323560	124.80 6.32 -7.34 N	38.19 1.79 -3.43 N	48.90 2.28 -5.70 N	54.22 2.09 -15.29 N	75.39 1.22 -52.91 N	59.50 3.33 0.00 N	200.73 11.69 -1.22 N	169.88 9.53 0.00 N	154.20 8.77 0.00 N	174.32 9.78 0.00 N	231.46 13.20 -2.22 N	164.89 2.61 -120.69 N	95.68 2.05 -58.67 N	102.18 1.85 -68.39 N	169.96 0.92 -153.62 N	110.75 1.50 -83.36 N	88.04 2.18 -48.59 N	121.59 4.39 -42.90 N	156.95 1.73 -125.84 N	69.56 3.12 -12.78 N	96.43 5.42 0.00 N	19.90 1.13 0.00 N	78.96 4.19 0.00 N	76.76 3.94 -0.68 N
BETHLEHEM___GS2 323561	124.80 6.32 -7.34 N	38.19 1.79 -3.43 N	48.90 2.28 -5.70 N	54.22 2.09 -15.29 N	75.39 1.22 -52.91 N	59.50 3.33 0.00 N	200.73 11.69 -1.22 N	169.88 9.53 0.00 N	154.20 8.77 0.00 N	174.32 9.78 0.00 N	231.46 13.20 -2.22 N	164.89 2.61 -120.69 N	95.68 2.05 -58.67 N	102.18 1.85 -68.39 N	169.96 0.92 -153.62 N	110.75 1.50 -83.36 N	88.04 2.18 -48.59 N	121.59 4.39 -42.90 N	156.95 1.73 -125.84 N	69.56 3.12 -12.78 N	96.43 5.42 0.00 N	19.90 1.13 0.00 N	78.96 4.19 0.00 N	76.76 3.94 -0.68 N
BETHLEHEM___GS3 323562	124.80 6.32 -7.34 N	38.19 1.79 -3.43 N	48.90 2.28 -5.70 N	54.22 2.09 -15.29 N	75.39 1.22 -52.91 N	59.50 3.33 0.00 N	200.73 11.69 -1.22 N	169.88 9.53 0.00 N	154.20 8.77 0.00 N	174.32 9.78 0.00 N	231.46 13.20 -2.22 N	164.89 2.61 -120.69 N	95.68 2.05 -58.67 N	102.18 1.85 -68.39 N	169.96 0.92 -153.62 N	110.75 1.50 -83.36 N	88.04 2.18 -48.59 N	121.59 4.39 -42.90 N	156.95 1.73 -125.84 N	69.56 3.12 -12.78 N	96.43 5.42 0.00 N	19.90 1.13 0.00 N	78.96 4.19 0.00 N	76.76 3.94 -0.68 N
BETHLEHEM___STEEL 23779	103.07 -8.98 -0.91 N	31.07 -2.34 -0.43 N	38.39 -3.24 -0.71 N	35.80 -2.94 -1.91 N	26.42 -1.44 -6.60 N	52.20 -3.96 0.00 N	177.33 -10.64 -0.15 N	150.44 -9.91 0.00 N	137.42 -8.00 0.00 N	156.77 -7.78 0.00 N	205.43 -10.87 -0.27 N	53.94 -2.46 -14.81 N	40.25 -1.93 -7.22 N	38.61 -1.77 -8.44 N	33.57 -0.82 -18.97 N	34.62 -1.55 -10.30 N	40.90 -2.40 -6.02 N	74.49 -5.12 -5.31 N	42.97 -2.00 -15.59 N	51.22 -4.03 -1.58 N	84.76 -6.25 0.00 N	17.18 -1.59 0.00 N	69.75 -5.01 0.00 N	66.51 -5.72 -0.08 N
BETHPAGE_CC_5 323564	128.29 11.23 -5.92 N	39.06 3.32 -2.77 N	49.42 3.89 -4.60 N	52.53 3.34 -12.35 N	65.97 1.98 -42.72 N	61.99 5.82 0.00 N	209.86 21.05 -0.99 N	183.27 18.28 -4.63 N	162.09 16.66 0.00 N	183.39 18.85 0.00 N	241.70 23.88 -1.79 N	143.74 4.69 -97.46 N	109.88 4.44 -70.48 N	118.63 4.07 -82.61 N	138.25 1.89 -120.94 N	94.74 3.21 -65.64 N	81.90 4.79 -39.83 N	117.55 9.47 -33.78 N	131.78 3.30 -99.10 N	70.28 6.55 -10.06 N	102.95 11.93 0.00 N	21.33 2.41 -0.15 N	106.22 9.58 -21.87 N	87.19 8.97 -6.07 N
BINGHAMTON___COGEN 23790	113.84 0.70 -2.00 N	34.16 0.25 -0.94 N	42.67 0.19 -1.56 N	41.12 0.11 -4.17 N	35.88 0.18 -14.44 N	57.05 0.88 0.00 N	193.46 5.31 -0.33 N	164.88 4.53 0.00 N	149.70 4.27 0.00 N	169.99 5.45 0.00 N	223.15 6.51 -0.61 N	76.03 1.08 -33.37 N	52.07 0.85 -16.27 N	51.77 0.81 -19.02 N	58.53 0.38 -42.73 N	49.71 0.64 -23.18 N	51.73 0.94 -13.51 N	88.15 1.93 -11.92 N	65.05 0.69 -34.98 N	58.52 1.31 -3.55 N	93.67 2.66 0.00 N	19.13 0.36 0.00 N	76.57 1.80 0.00 N	73.10 0.77 -0.19 N
BLACK RIVER___HYD 24047	105.02 -6.37 -0.25 N	31.13 -1.96 -0.12 N	38.54 -2.58 -0.20 N	35.00 -2.36 -0.53 N	21.82 -1.26 -1.82 N	53.28 -2.89 0.00 N	181.03 -6.84 -0.04 N	156.51 -3.84 0.00 N	142.07 -3.36 0.00 N	161.01 -3.53 0.00 N	211.67 -4.44 -0.07 N	44.59 -0.90 -3.90 N	35.99 -0.86 -1.90 N	33.40 -0.80 -2.26 N	20.11 -0.40 -5.09 N	27.84 -0.80 -2.76 N	37.68 -1.20 -1.61 N	73.21 -2.51 -1.42 N	32.63 -0.92 -4.17 N	52.43 -1.66 -0.42 N	89.01 -2.00 0.00 N	18.40 -0.37 0.00 N	71.97 -2.79 0.00 N	68.94 -3.22 -0.02 N
BLISS_WT_PWR 323608	108.78 -3.32 -0.96 N	32.35 -1.08 -0.45 N	39.97 -1.70 -0.75 N	37.30 -1.54 -2.01 N	27.64 -0.56 -6.94 N	55.10 -1.06 0.00 N	188.93 0.95 -0.16 N	160.41 0.06 0.00 N	147.56 2.13 0.00 N	168.66 4.12 0.00 N	218.69 2.37 -0.29 N	56.93 -0.28 -15.62 N	42.21 -0.36 -7.62 N	40.62 -0.23 -8.90 N	35.38 -0.05 -20.00 N	36.44 -0.29 -10.85 N	43.03 -0.58 -6.34 N	77.76 -2.14 -5.60 N	44.78 -1.03 -16.42 N	52.94 -2.39 -1.67 N	90.28 -0.74 0.00 N	18.56 -0.21 0.00 N	73.75 -1.01 0.00 N	69.76 -2.47 -0.09 N
BLUE_CIRC_CHEM_DRP 24182	124.78 6.39 -7.26 N	38.26 1.89 -3.39 N	48.91 2.35 -5.63 N	54.09 2.13 -15.13 N	74.86 1.27 -52.33 N	59.66 3.49 0.00 N	201.26 12.23 -1.21 N	170.07 9.72 0.00 N	154.34 8.91 0.00 N	174.30 9.76 0.00 N	230.99 12.76 -2.20 N	163.49 2.52 -119.38 N	95.01 2.03 -58.03 N	101.43 1.85 -67.64 N	168.27 0.90 -151.95 N	109.83 1.50 -82.45 N	87.49 2.16 -48.06 N	121.10 4.37 -42.43 N	155.54 1.69 -124.46 N	69.42 3.12 -12.64 N	96.58 5.57 0.00 N	19.94 1.17 0.00 N	78.98 4.21 0.00 N	76.75 3.93 -0.68 N
BOC_GAS_DRP 24189	123.69 5.22 -7.33 N	37.92 1.52 -3.43 N	48.54 1.92 -5.69 N	53.84 1.73 -15.28 N	75.13 1.01 -52.86 N	58.93 2.77 0.00 N	198.51 9.47 -1.22 N	167.92 7.57 0.00 N	152.46 7.03 0.00 N	172.22 7.68 0.00 N	228.42 10.17 -2.22 N	164.21 2.03 -120.59 N	95.18 1.60 -58.62 N	101.72 1.45 -68.33 N	169.63 0.71 -153.50 N	110.35 1.18 -83.29 N	87.53 1.71 -48.55 N	120.58 3.42 -42.86 N	156.43 1.32 -125.73 N	68.85 2.41 -12.77 N	95.31 4.29 0.00 N	19.67 0.90 0.00 N	78.09 3.32 0.00 N	75.96 3.13 -0.68 N
BORALEX_4TH_BRANCH 23824	124.77 6.29 -7.34 N	37.89 1.48 -3.43 N	48.63 1.99 -5.70 N	54.09 1.94 -15.31 N	75.37 1.14 -52.98 N	58.95 2.78 0.00 N	198.72 9.68 -1.22 N	168.35 8.00 0.00 N	152.67 7.24 0.00 N	172.65 8.11 0.00 N	230.22 11.97 -2.22 N	164.82 2.39 -120.84 N	95.41 1.73 -58.73 N	101.96 1.58 -68.44 N	170.00 0.83 -153.75 N	110.65 1.35 -83.43 N	87.75 1.85 -48.63 N	120.93 3.70 -42.93 N	156.95 1.63 -125.94 N	69.33 2.87 -12.79 N	95.38 4.36 0.00 N	19.76 0.99 0.00 N	78.51 3.75 0.00 N	76.80 3.97 -0.68 N
BOWLINE___1 23526	125.93 8.92 -5.87 N	38.29 2.57 -2.75 N	48.55 3.07 -4.56 N	51.72 2.64 -12.24 N	65.17 1.56 -42.36 N	60.71 4.54 0.00 N	205.77 16.97 -0.98 N	174.32 13.96 0.00 N	159.04 13.61 0.00 N	179.99 15.45 0.00 N	238.37 20.56 -1.78 N	142.24 4.03 -96.62 N	84.37 3.41 -46.00 N	87.50 2.93 -52.62 N	135.05 1.43 -118.20 N	92.46 2.42 -64.16 N	78.22 3.54 -37.40 N	114.39 7.07 -33.02 N	128.87 2.62 -96.87 N	68.53 5.02 -9.84 N	100.25 9.24 0.00 N	20.62 1.85 0.00 N	81.53 6.76 0.00 N	78.79 6.13 -0.52 N
BOWLINE___2 23595	125.92 8.91 -5.87 N	38.29 2.57 -2.75 N	48.55 3.07 -4.56 N	51.72 2.64 -12.24 N	65.17 1.55 -42.36 N	60.71 4.54 0.00 N	205.75 16.95 -0.98 N	174.32 13.96 0.00 N	159.04 13.61 0.00 N	179.98 15.44 0.00 N	238.37 20.56 -1.78 N	142.25 4.03 -96.63 N	84.37 3.41 -46.01 N	87.50 2.93 -52.62 N	135.06 1.43 -118.21 N	92.46 2.42 -64.17 N	78.22 3.54 -37.41 N	114.39 7.07 -33.03 N	128.88 2.62 -96.88 N	68.53 5.02 -9.84 N	100.25 9.23 0.00 N	20.62 1.85 0.00 N	81.53 6.76 0.00 N	78.79 6.13 -0.52 N
BROOKHAVEN___DRP 24191	131.05 13.98 -5.92 N	39.82 4.08 -2.77 N	50.31 4.78 -4.60 N	53.32 4.14 -12.35 N	66.47 2.49 -42.72 N	63.35 7.19 0.00 N	215.56 26.75 -0.99 N	188.25 23.27 -4.63 N	164.53 19.10 0.00 N	186.41 21.87 0.00 N	243.00 25.18 -1.79 N	144.10 5.06 -97.46 N	110.31 4.87 -70.48 N	119.01 4.46 -82.60 N	138.38 2.02 -120.94 N	94.08 3.47 -64.73 N	80.53 5.25 -38.01 N	118.29 10.27 -33.72 N	132.00 3.51 -99.10 N	63.65 7.25 -2.74 N	102.10 13.45 2.37 N	18.98 2.77 2.55 N	108.03 11.40 -21.87 N	88.93 10.71 -6.07 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BROOKLYN_NAVY_YARD 23515	126.64 9.58 -5.92 N	38.54 2.80 -2.77 N	48.82 3.29 -4.60 N	51.99 2.81 -12.35 N	65.62 1.64 -42.72 N	61.05 4.88 0.00 N	206.91 18.10 -0.99 N	175.23 14.87 0.00 N	160.43 15.00 0.00 N	182.15 17.60 0.00 N	241.02 23.19 -1.79 N	143.63 4.58 -97.46 N	85.66 3.96 -46.75 N	89.33 3.55 -53.83 N	138.06 1.72 -120.92 N	94.42 2.90 -65.63 N	79.81 4.28 -38.26 N	116.55 8.47 -33.78 N	131.59 3.11 -99.09 N	69.65 5.92 -10.06 N	101.87 10.86 0.00 N	20.92 2.16 0.00 N	82.91 8.15 0.00 N	80.01 7.33 -0.54 N	
BROOKLYN___ARMY_DRP 323595	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N	
BROOME___LFGE 323600	113.84 0.70 -2.00 N	34.16 0.25 -0.94 N	42.67 0.19 -1.56 N	41.12 0.11 -4.17 N	35.88 0.18 -14.44 N	57.05 0.88 0.00 N	193.46 5.31 -0.33 N	164.88 4.53 0.00 N	149.70 4.27 0.00 N	169.99 5.45 0.00 N	223.15 6.51 -0.61 N	76.03 1.08 -33.37 N	52.07 0.85 -16.27 N	51.77 0.81 -19.02 N	58.53 0.38 -42.73 N	49.71 0.64 -23.18 N	51.73 0.94 -13.51 N	88.15 1.93 -11.92 N	65.05 0.69 -34.98 N	58.52 1.31 -3.55 N	93.67 2.66 0.00 N	19.13 0.36 0.00 N	76.57 1.80 0.00 N	73.10 0.77 -0.19 N	
BURROWS___LYONSDAL 23803	108.15 -2.98 0.00 N	32.08 -0.89 0.00 N	39.74 -1.18 0.00 N	35.75 -1.09 0.00 N	20.70 -0.56 0.00 N	54.89 -1.28 0.00 N	185.13 -2.69 0.00 N	159.14 -1.21 0.00 N	144.49 -0.94 0.00 N	163.59 -0.95 0.00 N	214.81 -1.23 0.00 N	41.30 -0.30 0.00 N	34.64 -0.31 0.00 N	31.64 -0.30 0.00 N	15.28 -0.14 0.00 N	25.58 -0.30 0.00 N	36.81 -0.47 0.00 N	73.27 -1.03 0.00 N	29.00 -0.38 0.00 N	53.00 -0.67 0.00 N	90.30 -0.72 0.00 N	18.63 -0.14 0.00 N	73.58 -1.18 0.00 N	70.63 -1.51 0.00 N	
CALPINE_BETH_PAGE_GT4 24209	128.56 11.50 -5.92 N	39.15 3.40 -2.77 N	49.53 4.00 -4.60 N	52.61 3.43 -12.35 N	66.03 2.05 -42.72 N	62.17 6.00 0.00 N	210.53 21.72 -0.99 N	183.91 18.93 -4.63 N	162.79 17.36 0.00 N	184.21 19.67 0.00 N	242.78 24.96 -1.79 N	143.94 4.89 -97.46 N	110.00 4.56 -70.48 N	118.76 4.20 -82.62 N	138.31 1.95 -120.94 N	95.23 3.33 -66.02 N	82.80 4.94 -40.58 N	117.88 9.78 -33.81 N	131.91 3.42 -99.10 N	73.53 6.78 -13.08 N	104.39 12.40 -0.98 N	22.56 2.52 -1.27 N	106.43 9.79 -21.87 N	87.26 9.05 -6.07 N	
CALPINE_BETH_PAGE_GT_4 323586	128.56 11.50 -5.92 N	39.15 3.40 -2.77 N	49.53 4.00 -4.60 N	52.61 3.43 -12.35 N	66.03 2.05 -42.72 N	62.17 6.00 0.00 N	210.53 21.72 -0.99 N	183.91 18.93 -4.63 N	162.79 17.36 0.00 N	184.21 19.67 0.00 N	242.78 24.96 -1.79 N	143.94 4.89 -97.46 N	110.00 4.56 -70.48 N	118.76 4.20 -82.62 N	138.31 1.95 -120.94 N	95.23 3.33 -66.02 N	82.80 4.94 -40.58 N	117.88 9.78 -33.81 N	131.91 3.42 -99.10 N	73.53 6.78 -13.08 N	104.39 12.40 -0.98 N	22.56 2.52 -1.27 N	106.43 9.79 -21.87 N	87.26 9.05 -6.07 N	
CALPINE_BP_GT1 23823	128.56 11.50 -5.92 N	39.15 3.40 -2.77 N	49.53 4.00 -4.60 N	52.61 3.43 -12.35 N	66.03 2.05 -42.72 N	62.17 6.00 0.00 N	210.53 21.72 -0.99 N	183.91 18.93 -4.63 N	162.79 17.36 0.00 N	184.21 19.67 0.00 N	242.78 24.96 -1.79 N	143.94 4.89 -97.46 N	110.00 4.56 -70.48 N	118.76 4.20 -82.62 N	138.31 1.95 -120.94 N	95.23 3.33 -66.02 N	82.80 4.94 -40.58 N	117.88 9.78 -33.81 N	131.91 3.42 -99.10 N	73.53 6.78 -13.08 N	104.39 12.40 -0.98 N	22.56 2.52 -1.27 N	106.43 9.79 -21.87 N	87.26 9.05 -6.07 N	
CALSPAN___DRP 24200	103.07 -8.98 -0.91 N	31.07 -2.34 -0.43 N	38.39 -3.24 -0.71 N	35.80 -2.94 -1.91 N	26.42 -1.44 -6.60 N	52.20 -3.96 0.00 N	177.33 -10.64 -0.15 N	150.44 -9.91 0.00 N	137.42 -8.00 0.00 N	156.77 -7.78 0.00 N	205.43 -10.87 -0.27 N	53.94 -2.46 -14.81 N	40.25 -1.93 -7.22 N	38.61 -1.77 -8.44 N	33.57 -0.82 -18.97 N	34.62 -1.55 -10.30 N	40.90 -2.40 -6.02 N	74.49 -5.12 -5.31 N	42.97 -2.00 -15.59 N	51.22 -4.03 -1.58 N	84.76 -6.25 0.00 N	17.18 -1.59 0.00 N	69.75 -5.01 0.00 N	66.51 -5.72 -0.08 N	
CARR STREET_E_SYR 24060	110.76 -0.99 -0.61 N	33.04 -0.23 -0.29 N	40.98 -0.42 -0.48 N	37.63 -0.48 -1.28 N	25.54 -0.15 -4.43 N	55.95 -0.21 0.00 N	188.90 0.98 -0.10 N	161.69 1.34 0.00 N	146.98 1.55 0.00 N	166.75 2.22 0.00 N	218.93 2.72 -0.18 N	51.85 0.42 -9.84 N	40.12 0.37 -4.80 N	37.90 0.35 -5.61 N	28.20 0.17 -12.61 N	32.96 0.24 -6.84 N	41.58 0.32 -3.99 N	78.39 0.57 -3.52 N	39.93 0.22 -10.33 N	55.10 0.39 -1.05 N	92.03 1.02 0.00 N	18.91 0.14 0.00 N	75.12 0.35 0.00 N	71.93 -0.27 -0.06 N	
CARTHAGE___PAPER 23857	105.07 -6.28 -0.22 N	31.15 -1.93 -0.10 N	38.58 -2.51 -0.17 N	35.00 -2.28 -0.45 N	21.60 -1.23 -1.57 N	53.26 -2.90 0.00 N	180.57 -7.28 -0.04 N	155.93 -4.43 0.00 N	141.48 -3.94 0.00 N	160.28 -4.26 0.00 N	210.71 -5.39 -0.06 N	43.84 -1.09 -3.34 N	35.57 -1.01 -1.63 N	32.94 -0.94 -1.94 N	19.34 -0.47 -4.38 N	27.37 -0.89 -2.38 N	37.34 -1.32 -1.39 N	72.78 -2.74 -1.22 N	31.95 -1.02 -3.59 N	52.19 -1.84 -0.36 N	88.58 -2.43 0.00 N	18.32 -0.45 0.00 N	71.77 -3.00 0.00 N	68.81 -3.35 -0.02 N	
CE_DUNWOOD___DRP 24194	126.10 9.04 -5.92 N	38.36 2.62 -2.77 N	48.66 3.13 -4.60 N	51.87 2.68 -12.35 N	65.57 1.58 -42.73 N	60.77 4.61 0.00 N	205.86 17.05 -0.99 N	174.50 14.15 0.00 N	159.32 13.89 0.00 N	180.51 15.97 0.00 N	239.06 21.23 -1.79 N	143.23 4.17 -97.46 N	85.25 3.58 -46.72 N	88.89 3.18 -53.77 N	137.75 1.54 -120.80 N	94.04 2.60 -65.56 N	79.29 3.80 -38.22 N	115.60 7.55 -33.75 N	131.17 2.80 -98.99 N	69.03 5.31 -10.05 N	100.74 9.72 0.00 N	20.69 1.92 0.00 N	81.96 7.20 0.00 N	79.20 6.52 -0.54 N	
CE_MILLWOOD___DRP 24193	125.85 8.79 -5.92 N	38.29 2.54 -2.77 N	48.56 3.04 -4.60 N	51.79 2.61 -12.34 N	65.50 1.54 -42.70 N	60.66 4.49 0.00 N	205.46 16.65 -0.99 N	174.14 13.79 0.00 N	158.90 13.47 0.00 N	179.95 15.41 0.00 N	238.38 20.56 -1.79 N	143.05 4.05 -97.41 N	85.07 3.47 -46.65 N	88.63 3.05 -53.64 N	137.40 1.48 -120.50 N	93.78 2.50 -65.40 N	79.06 3.66 -38.13 N	115.23 7.27 -33.66 N	130.82 2.70 -98.75 N	68.82 5.13 -10.03 N	100.40 9.38 0.00 N	20.64 1.87 0.00 N	81.70 6.94 0.00 N	78.95 6.28 -0.54 N	
CE_NYC2_DRP 24202	126.62 9.56 -5.92 N	38.55 2.81 -2.77 N	48.84 3.32 -4.60 N	52.02 2.84 -12.35 N	65.66 1.68 -42.72 N	61.06 4.90 0.00 N	206.42 17.61 -0.99 N	175.15 14.80 0.00 N	160.48 15.05 0.00 N	181.87 17.32 0.00 N	240.63 22.81 -1.79 N	143.56 4.51 -97.46 N	85.64 3.95 -46.75 N	89.31 3.54 -53.83 N	138.05 1.70 -120.93 N	94.39 2.87 -65.64 N	79.76 4.22 -38.26 N	116.42 8.35 -33.78 N	131.52 3.04 -99.09 N	69.53 5.80 -10.06 N	101.61 10.60 0.00 N	20.82 2.05 0.00 N	82.70 7.93 0.00 N	79.87 7.19 -0.54 N	
CE_NYC_DRP	126.69	38.55	48.85	52.02	65.66	61.08	206.99	175.53	160.57	182.13	241.18	143.65	85.67	89.33	138.06	94.40	79.78	116.49	131.57	69.56	101.70	20.85	82.72	79.84	



24195	9.63 -5.92 N	2.80 -2.77 N	3.32 -4.60 N	2.84 -12.35 N	1.68 -42.72 N	4.91 0.00 N	18.18 -0.99 N	15.18 0.00 N	15.14 0.00 N	17.59 0.00 N	23.35 -1.79 N	4.60 -97.46 N	3.97 -46.75 N	3.55 -53.83 N	1.71 -120.92 N	2.89 -65.63 N	4.25 -38.26 N	8.41 -33.78 N	3.09 -99.09 N	5.83 -10.06 N	10.68 0.00 N	2.08 0.00 N	7.95 0.00 N	7.17 -0.54 N
CHAFFEE___LFGE 323603	105.85 -6.23 -0.94 N	31.78 -1.63 -0.44 N	39.25 -2.40 -0.73 N	36.59 -2.20 -1.96 N	27.03 -0.99 -6.76 N	53.67 -2.50 0.00 N	183.35 -4.63 -0.16 N	156.24 -4.12 0.00 N	142.68 -2.74 0.00 N	162.72 -1.82 0.00 N	212.79 -3.53 -0.28 N	55.62 -1.16 -15.20 N	41.43 -0.93 -7.41 N	39.74 -0.87 -8.67 N	34.50 -0.39 -19.47 N	35.63 -0.82 -10.56 N	42.11 -1.34 -6.17 N	76.76 -2.99 -5.45 N	44.18 -1.20 -15.99 N	52.85 -2.44 -1.62 N	87.81 -3.20 0.00 N	17.84 -0.93 0.00 N	72.10 -2.66 0.00 N	68.36 -3.87 -0.09 N
CHAT_HIGH_FALL_HYD 323578	107.80 -3.34 0.00 N	31.89 -1.09 0.00 N	39.60 -1.33 0.00 N	35.71 -1.13 0.00 N	20.49 -0.77 0.00 N	53.94 -2.22 0.00 N	179.46 -8.36 0.00 N	154.10 -6.25 0.00 N	139.57 -5.86 0.00 N	157.89 -6.64 0.00 N	207.17 -8.87 0.00 N	39.63 -1.96 0.00 N	33.27 -1.68 0.00 N	30.49 -1.46 0.00 N	14.78 -0.64 0.00 N	24.86 -1.02 0.00 N	35.66 -1.61 0.00 N	71.08 -3.22 0.00 N	28.12 -1.26 0.00 N	51.40 -2.26 0.00 N	87.05 -3.97 0.00 N	18.07 -0.70 0.00 N	71.82 -2.95 0.00 N	68.79 -3.36 0.00 N
CH_MIDHUDSON___DRP 24192	125.58 8.31 -6.13 N	38.25 2.41 -2.87 N	48.59 2.91 -4.76 N	52.13 2.52 -12.78 N	66.97 1.49 -44.22 N	60.42 4.26 0.00 N	204.35 15.51 -1.02 N	173.24 12.88 0.00 N	158.03 12.61 0.00 N	178.92 14.38 0.00 N	237.18 19.29 -1.85 N	146.03 3.79 -100.65 N	87.13 3.29 -48.89 N	91.86 2.97 -56.95 N	144.78 1.44 -127.92 N	97.82 2.42 -69.52 N	81.36 3.52 -40.56 N	117.13 7.02 -35.81 N	137.05 2.62 -105.04 N	69.31 4.98 -10.67 N	99.96 8.95 0.00 N	20.55 1.78 0.00 N	81.37 6.60 0.00 N	78.74 6.03 -0.57 N
CH_MISC_IPPS 23765	124.58 7.54 -5.90 N	37.95 2.21 -2.76 N	48.10 2.59 -4.58 N	51.35 2.21 -12.30 N	65.17 1.34 -42.57 N	60.03 3.86 0.00 N	203.11 14.31 -0.98 N	172.30 11.95 0.00 N	157.20 11.77 0.00 N	177.95 13.40 0.00 N	235.83 18.01 -1.78 N	141.87 3.53 -96.76 N	85.15 3.14 -47.06 N	89.69 2.86 -54.88 N	140.09 1.38 -123.28 N	95.27 2.33 -67.05 N	79.79 3.37 -39.14 N	115.59 6.73 -34.56 N	133.27 2.51 -101.38 N	68.76 4.80 -10.29 N	99.71 8.70 0.00 N	20.50 1.74 0.00 N	81.04 6.28 0.00 N	78.34 5.64 -0.55 N
CH_RES_BVR_FALLS 23983	109.58 -1.28 0.28 N	32.51 -0.33 0.13 N	40.30 -0.41 0.22 N	35.90 -0.35 0.59 N	18.99 -0.24 2.03 N	55.51 -0.66 0.00 N	185.32 -2.45 0.05 N	158.60 -1.75 0.00 N	143.71 -1.72 0.00 N	162.67 -1.87 0.00 N	213.58 -2.37 0.09 N	36.16 -0.63 4.79 N	32.03 -0.58 2.34 N	28.75 -0.52 2.67 N	9.20 -0.25 5.97 N	22.21 -0.43 3.24 N	34.71 -0.68 1.89 N	71.23 -1.41 1.67 N	23.84 -0.65 4.89 N	52.09 -1.08 0.50 N	89.14 -1.87 0.00 N	18.39 -0.38 0.00 N	73.78 -0.99 0.00 N	71.19 -0.93 0.03 N
CH_RES_NIAGARA 23895	100.71 -11.25 -0.82 N	30.48 -2.88 -0.39 N	37.71 -3.86 -0.64 N	35.08 -3.48 -1.72 N	25.44 -1.76 -5.95 N	51.03 -5.13 0.00 N	172.26 -15.70 -0.14 N	145.73 -14.62 0.00 N	133.19 -12.24 0.00 N	151.85 -12.69 0.00 N	199.18 -17.09 -0.24 N	51.31 -3.62 -13.34 N	38.67 -2.78 -6.50 N	36.99 -2.55 -7.61 N	31.31 -1.20 -17.09 N	32.93 -2.23 -9.27 N	39.30 -3.39 -5.41 N	71.86 -7.22 -4.78 N	40.62 -2.79 -14.02 N	49.47 -5.62 -1.42 N	81.93 -9.08 0.00 N	16.64 -2.13 0.00 N	67.67 -7.09 0.00 N	64.92 -7.30 -0.08 N
CH_RES_SYRACUSE 23985	110.71 -1.08 -0.65 N	33.07 -0.21 -0.30 N	41.06 -0.37 -0.51 N	37.76 -0.43 -1.36 N	25.87 -0.09 -4.70 N	56.10 -0.06 0.00 N	189.54 1.61 -0.11 N	162.19 1.84 0.00 N	147.37 1.94 0.00 N	166.90 2.36 0.00 N	219.13 2.90 -0.19 N	52.39 0.43 -10.36 N	40.40 0.39 -5.05 N	38.21 0.36 -5.91 N	28.87 0.17 -13.28 N	33.34 0.25 -7.21 N	41.78 0.30 -4.20 N	78.50 0.49 -3.71 N	40.48 0.21 -10.88 N	55.17 0.41 -1.11 N	92.07 1.05 0.00 N	18.92 0.15 0.00 N	75.09 0.33 0.00 N	71.94 -0.27 -0.06 N
CLINTON_WT_PWR 323605	107.60 -3.54 0.00 N	31.84 -1.14 0.00 N	39.51 -1.41 0.00 N	35.63 -1.20 0.00 N	20.44 -0.82 0.00 N	53.83 -2.33 0.00 N	179.04 -8.78 0.00 N	153.69 -6.66 0.00 N	139.25 -6.18 0.00 N	157.51 -7.03 0.00 N	206.73 -9.31 0.00 N	39.54 -2.05 0.00 N	33.19 -1.76 0.00 N	30.40 -1.54 0.00 N	14.76 -0.66 0.00 N	24.84 -1.04 0.00 N	35.68 -1.59 0.00 N	71.08 -3.22 0.00 N	28.12 -1.27 0.00 N	51.34 -2.32 0.00 N	86.91 -4.11 0.00 N	18.03 -0.74 0.00 N	71.64 -3.13 0.00 N	68.61 -3.53 0.00 N
COLONIE_LFGE___ 323577	124.52 6.01 -7.38 N	38.00 1.58 -3.45 N	48.73 2.07 -5.73 N	54.16 1.94 -15.38 N	75.64 1.16 -53.22 N	59.23 3.06 0.00 N	200.19 11.14 -1.23 N	169.55 9.20 0.00 N	153.78 8.36 0.00 N	173.86 9.32 0.00 N	231.34 13.08 -2.23 N	165.57 2.58 -121.40 N	95.91 1.95 -59.01 N	102.50 1.78 -68.78 N	170.81 0.88 -154.50 N	111.15 1.43 -83.84 N	88.19 2.04 -48.87 N	121.58 4.14 -43.14 N	157.65 1.71 -126.55 N	69.58 3.07 -12.85 N	96.14 5.13 0.00 N	19.89 1.12 0.00 N	78.74 3.97 0.00 N	76.65 3.81 -0.69 N
CORNELL_____ 23752	109.37 -2.87 -1.10 N	33.36 -0.13 -0.51 N	41.21 -0.57 -0.85 N	38.09 -1.03 -2.29 N	29.39 0.21 -7.92 N	56.30 0.14 0.00 N	191.27 3.26 -0.18 N	164.35 4.00 0.00 N	149.51 4.09 0.00 N	167.41 2.87 0.00 N	219.49 3.18 -0.27 N	56.76 0.37 -14.80 N	42.74 0.58 -7.22 N	40.83 0.44 -8.44 N	34.81 0.43 -18.96 N	37.00 0.83 -10.29 N	43.74 0.46 -6.00 N	79.46 -0.13 -5.29 N	44.95 0.03 -15.53 N	55.65 0.41 -1.58 N	91.68 0.67 0.00 N	18.75 -0.02 0.00 N	74.18 -0.58 0.00 N	70.21 -2.01 -0.08 N
COXSACKIE___GT 23611	127.43 9.82 -6.47 N	38.81 2.81 -3.03 N	49.40 3.45 -5.03 N	53.41 3.08 -13.50 N	69.78 1.82 -46.70 N	61.31 5.14 0.00 N	207.46 18.56 -1.08 N	176.10 15.75 0.00 N	160.51 15.08 0.00 N	181.72 17.18 0.00 N	240.58 22.58 -1.97 N	152.88 4.38 -106.91 N	90.55 3.62 -51.98 N	95.83 3.29 -60.59 N	153.13 1.59 -136.12 N	102.27 2.67 -73.72 N	84.07 3.88 -42.91 N	119.96 7.78 -37.88 N	143.49 2.97 -111.14 N	70.52 5.57 -11.29 N	100.68 9.67 0.00 N	20.74 1.97 0.00 N	81.70 6.94 0.00 N	78.99 6.26 -0.59 N
CRESCENT___HYD 24018	124.52 6.01 -7.38 N	38.00 1.58 -3.45 N	48.73 2.07 -5.73 N	54.16 1.94 -15.38 N	75.64 1.16 -53.22 N	59.23 3.06 0.00 N	200.19 11.14 -1.23 N	169.55 9.20 0.00 N	153.78 8.36 0.00 N	173.86 9.32 0.00 N	231.34 13.08 -2.23 N	165.57 2.58 -121.40 N	95.91 1.95 -59.01 N	102.50 1.78 -68.78 N	170.81 0.88 -154.50 N	111.15 1.43 -83.84 N	88.19 2.04 -48.87 N	121.58 4.14 -43.14 N	157.65 1.71 -126.55 N	69.58 3.07 -12.85 N	96.14 5.13 0.00 N	19.89 1.12 0.00 N	78.74 3.97 0.00 N	76.65 3.81 -0.69 N
CRUCIBLE_METL_DRP 24180	110.71 -1.08 -0.65 N	33.07 -0.21 -0.30 N	41.06 -0.37 -0.51 N	37.76 -0.43 -1.36 N	25.87 -0.09 -4.70 N	56.10 -0.06 0.00 N	189.54 1.61 -0.11 N	162.19 1.84 0.00 N	147.37 1.94 0.00 N	166.90 2.36 0.00 N	219.13 2.90 -0.19 N	52.39 0.43 -10.36 N	40.40 0.39 -5.05 N	38.21 0.36 -5.91 N	28.87 0.17 -13.28 N	33.34 0.25 -7.21 N	41.78 0.30 -4.20 N	78.50 0.49 -3.71 N	40.48 0.21 -10.88 N	55.17 0.41 -1.11 N	92.07 1.05 0.00 N	18.92 0.15 0.00 N	75.09 0.33 0.00 N	71.94 -0.27 -0.06 N



DANSKAMMER___1 23586	124.58 7.54 -5.90 N	37.95 2.21 -2.76 N	48.10 2.59 -4.58 N	51.35 2.21 -12.30 N	65.17 1.34 -42.57 N	60.03 3.86 0.00 N	203.11 14.31 -0.98 N	172.30 11.95 0.00 N	157.20 11.77 0.00 N	177.95 13.40 0.00 N	235.83 18.01 -1.78 N	141.87 3.53 -96.76 N	85.15 3.14 -47.06 N	89.69 2.86 -54.88 N	140.09 1.38 -123.28 N	95.27 2.33 -67.05 N	79.79 3.37 -39.14 N	115.59 6.73 -34.56 N	133.27 2.51 -101.38 N	68.76 4.80 -10.29 N	99.71 8.70 0.00 N	20.50 1.74 0.00 N	81.04 6.28 0.00 N	78.34 5.64 -0.55 N
DANSKAMMER___2 23589	124.58 7.54 -5.90 N	37.95 2.21 -2.76 N	48.10 2.59 -4.58 N	51.35 2.21 -12.30 N	65.17 1.34 -42.57 N	60.03 3.86 0.00 N	203.11 14.31 -0.98 N	172.30 11.95 0.00 N	157.20 11.77 0.00 N	177.95 13.40 0.00 N	235.83 18.01 -1.78 N	141.87 3.53 -96.76 N	85.15 3.14 -47.06 N	89.69 2.86 -54.88 N	140.09 1.38 -123.28 N	95.27 2.33 -67.05 N	79.79 3.37 -39.14 N	115.59 6.73 -34.56 N	133.27 2.51 -101.38 N	68.76 4.80 -10.29 N	99.71 8.70 0.00 N	20.50 1.74 0.00 N	81.04 6.28 0.00 N	78.34 5.64 -0.55 N
DANSKAMMER___3 23590	124.58 7.54 -5.90 N	37.95 2.21 -2.76 N	48.10 2.59 -4.58 N	51.35 2.21 -12.30 N	65.17 1.34 -42.57 N	60.03 3.86 0.00 N	203.11 14.31 -0.98 N	172.30 11.95 0.00 N	157.20 11.77 0.00 N	177.95 13.40 0.00 N	235.83 18.01 -1.78 N	141.87 3.53 -96.76 N	85.15 3.14 -47.06 N	89.69 2.86 -54.88 N	140.09 1.38 -123.28 N	95.27 2.33 -67.05 N	79.79 3.37 -39.14 N	115.59 6.73 -34.56 N	133.27 2.51 -101.38 N	68.76 4.80 -10.29 N	99.71 8.70 0.00 N	20.50 1.74 0.00 N	81.04 6.28 0.00 N	78.34 5.64 -0.55 N
DANSKAMMER___4 23591	124.58 7.54 -5.90 N	37.95 2.21 -2.76 N	48.10 2.59 -4.58 N	51.35 2.21 -12.30 N	65.17 1.34 -42.57 N	60.03 3.86 0.00 N	203.11 14.31 -0.98 N	172.30 11.95 0.00 N	157.20 11.77 0.00 N	177.95 13.40 0.00 N	235.83 18.01 -1.78 N	141.87 3.53 -96.76 N	85.15 3.14 -47.06 N	89.69 2.86 -54.88 N	140.09 1.38 -123.28 N	95.27 2.33 -67.05 N	79.79 3.37 -39.14 N	115.59 6.73 -34.56 N	133.27 2.51 -101.38 N	68.76 4.80 -10.29 N	99.71 8.70 0.00 N	20.50 1.74 0.00 N	81.04 6.28 0.00 N	78.34 5.64 -0.55 N
DANSKAMMER___DIESEL 23592	124.58 7.54 -5.90 N	37.95 2.21 -2.76 N	48.10 2.59 -4.58 N	51.35 2.21 -12.30 N	65.17 1.34 -42.57 N	60.03 3.86 0.00 N	203.11 14.31 -0.98 N	172.30 11.95 0.00 N	157.20 11.77 0.00 N	177.95 13.40 0.00 N	235.83 18.01 -1.78 N	141.87 3.53 -96.76 N	85.15 3.14 -47.06 N	89.69 2.86 -54.88 N	140.09 1.38 -123.28 N	95.27 2.33 -67.05 N	79.79 3.37 -39.14 N	115.59 6.73 -34.56 N	133.27 2.51 -101.38 N	68.76 4.80 -10.29 N	99.71 8.70 0.00 N	20.50 1.74 0.00 N	81.04 6.28 0.00 N	78.34 5.64 -0.55 N
DASHVILLE___HYD 23610	125.75 8.66 -5.95 N	38.23 2.47 -2.78 N	48.43 2.88 -4.62 N	51.67 2.43 -12.41 N	65.63 1.43 -42.94 N	60.31 4.15 0.00 N	204.35 15.53 -0.99 N	173.69 13.34 0.00 N	158.53 13.10 0.00 N	179.83 15.29 0.00 N	239.14 21.31 -1.80 N	143.58 4.21 -97.79 N	86.35 3.80 -47.59 N	90.98 3.50 -55.53 N	141.87 1.70 -124.74 N	96.47 2.83 -67.77 N	80.77 3.96 -39.53 N	117.17 7.97 -34.90 N	134.73 2.97 -102.37 N	69.64 5.58 -10.40 N	100.89 9.87 0.00 N	20.72 1.95 0.00 N	81.57 6.81 0.00 N	78.93 6.24 -0.55 N
DOGLEVILLE___HYD 23807	117.14 6.13 0.12 N	34.72 1.80 0.06 N	42.98 2.15 0.10 N	38.58 2.00 0.26 N	21.60 1.25 0.90 N	59.60 3.43 0.00 N	200.83 13.03 0.02 N	171.68 11.33 0.00 N	155.93 10.50 0.00 N	177.02 12.47 0.00 N	232.58 16.59 0.04 N	42.68 3.23 2.13 N	36.38 2.47 1.05 N	32.97 2.24 1.22 N	13.82 1.12 2.72 N	26.23 1.83 1.48 N	39.12 2.71 0.86 N	79.00 5.47 0.76 N	29.27 2.12 2.23 N	57.39 3.95 0.23 N	98.27 7.26 0.00 N	20.19 1.42 0.00 N	79.91 5.14 0.00 N	76.58 4.45 0.01 N
DUNKIRK___1 23563	102.91 -9.24 -1.01 N	30.90 -2.54 -0.47 N	38.18 -3.53 -0.78 N	35.67 -3.27 -2.11 N	26.97 -1.57 -7.28 N	52.31 -3.86 0.00 N	178.88 -9.11 -0.17 N	151.87 -8.48 0.00 N	138.21 -7.22 0.00 N	157.82 -6.72 0.00 N	206.38 -9.96 -0.30 N	55.66 -2.35 -16.42 N	40.90 -2.05 -8.01 N	39.46 -1.85 -9.36 N	35.61 -0.84 -21.03 N	35.83 -1.46 -11.41 N	41.71 -2.22 -6.66 N	75.64 -4.54 -5.88 N	44.77 -1.86 -17.25 N	51.84 -3.57 -1.75 N	85.49 -5.52 0.00 N	17.21 -1.56 0.00 N	70.25 -4.51 0.00 N	66.30 -5.94 -0.09 N
DUNKIRK___2 23564	102.91 -9.24 -1.01 N	30.90 -2.54 -0.47 N	38.18 -3.53 -0.78 N	35.67 -3.27 -2.11 N	26.97 -1.57 -7.28 N	52.31 -3.86 0.00 N	178.88 -9.11 -0.17 N	151.87 -8.48 0.00 N	138.21 -7.22 0.00 N	157.82 -6.72 0.00 N	206.38 -9.96 -0.30 N	55.66 -2.35 -16.42 N	40.90 -2.05 -8.01 N	39.46 -1.85 -9.36 N	35.61 -0.84 -21.03 N	35.83 -1.46 -11.41 N	41.71 -2.22 -6.66 N	75.64 -4.54 -5.88 N	44.77 -1.86 -17.25 N	51.84 -3.57 -1.75 N	85.49 -5.52 0.00 N	17.21 -1.56 0.00 N	70.25 -4.51 0.00 N	66.30 -5.94 -0.09 N
DUNKIRK___3 23565	103.52 -8.63 -1.01 N	31.10 -2.35 -0.47 N	38.44 -3.27 -0.78 N	35.93 -3.01 -2.10 N	27.08 -1.46 -7.27 N	52.59 -3.58 0.00 N	179.84 -8.15 -0.17 N	152.53 -7.82 0.00 N	138.72 -6.71 0.00 N	158.35 -6.19 0.00 N	207.06 -9.28 -0.30 N	55.78 -2.21 -16.40 N	41.03 -1.92 -8.00 N	39.56 -1.73 -9.35 N	35.63 -0.79 -21.00 N	35.89 -1.39 -11.40 N	41.83 -2.09 -6.65 N	75.91 -4.26 -5.87 N	44.85 -1.75 -17.22 N	52.03 -3.38 -1.75 N	85.80 -5.21 0.00 N	17.28 -1.49 0.00 N	70.51 -4.26 0.00 N	66.67 -5.56 -0.09 N
DUNKIRK___4 23566	103.52 -8.63 -1.01 N	31.10 -2.35 -0.47 N	38.44 -3.27 -0.78 N	35.93 -3.01 -2.10 N	27.08 -1.46 -7.27 N	52.59 -3.58 0.00 N	179.84 -8.15 -0.17 N	152.53 -7.82 0.00 N	138.72 -6.71 0.00 N	158.35 -6.19 0.00 N	207.06 -9.28 -0.30 N	55.78 -2.21 -16.40 N	41.03 -1.92 -8.00 N	39.56 -1.73 -9.35 N	35.63 -0.79 -21.00 N	35.89 -1.39 -11.40 N	41.83 -2.09 -6.65 N	75.91 -4.26 -5.87 N	44.85 -1.75 -17.22 N	52.03 -3.38 -1.75 N	85.80 -5.21 0.00 N	17.28 -1.49 0.00 N	70.51 -4.26 0.00 N	66.67 -5.56 -0.09 N
EAST HAMPTON___GT 23717	135.01 17.95 -5.92 N	40.99 5.24 -2.77 N	51.72 6.20 -4.60 N	54.59 5.41 -12.35 N	67.25 3.27 -42.72 N	65.53 9.36 0.00 N	224.04 35.23 -0.99 N	196.55 31.56 -4.63 N	172.13 26.70 0.00 N	195.32 30.78 0.00 N	254.83 37.00 -1.79 N	146.44 7.39 -97.46 N	112.23 6.80 -70.48 N	120.78 6.23 -82.60 N	139.22 2.86 -120.94 N	95.43 4.82 -64.73 N	82.48 7.19 -38.01 N	122.12 14.10 -33.72 N	133.46 4.98 -99.10 N	66.42 10.00 -2.76 N	107.07 18.42 2.37 N	20.03 3.81 2.55 N	111.68 15.04 -21.87 N	92.01 13.80 -6.07 N
EAST RIVER___6 23660	126.53 9.47 -5.92 N	38.50 2.76 -2.77 N	48.79 3.26 -4.60 N	51.96 2.77 -12.35 N	65.64 1.66 -42.72 N	61.04 4.88 0.00 N	206.85 18.05 -0.99 N	175.37 15.02 0.00 N	160.43 15.00 0.00 N	182.01 17.47 0.00 N	241.04 23.22 -1.79 N	143.63 4.58 -97.46 N	85.65 3.95 -46.75 N	89.31 3.54 -53.83 N	138.05 1.71 -120.92 N	94.39 2.88 -65.63 N	79.76 4.23 -38.26 N	116.45 8.37 -33.78 N	131.55 3.07 -99.09 N	69.51 5.79 -10.06 N	101.61 10.60 0.00 N	20.83 2.06 0.00 N	82.63 7.86 0.00 N	79.76 7.08 -0.54 N
EAST RIVER___7 23524	126.53 9.47 -5.92 N	38.50 2.76 -2.77 N	48.79 3.26 -4.60 N	51.96 2.77 -12.35 N	65.64 1.66 -42.72 N	61.04 4.88 0.00 N	206.85 18.05 -0.99 N	175.37 15.02 0.00 N	160.43 15.00 0.00 N	182.01 17.47 0.00 N	241.04 23.22 -1.79 N	143.63 4.58 -97.46 N	85.65 3.95 -46.75 N	89.31 3.54 -53.83 N	138.05 1.71 -120.92 N	94.39 2.88 -65.63 N	79.76 4.23 -38.26 N	116.45 8.37 -33.78 N	131.55 3.07 -99.09 N	69.51 5.79 -10.06 N	101.61 10.60 0.00 N	20.83 2.06 0.00 N	82.63 7.86 0.00 N	79.76 7.08 -0.54 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
EAST_HAMPTON___DIESEL 23722	135.01 17.95 -5.92 N	40.99 5.24 -2.77 N	51.72 6.20 -4.60 N	54.59 5.41 -12.35 N	67.25 3.27 -42.72 N	65.53 9.36 0.00 N	224.04 35.23 -0.99 N	196.55 31.56 -4.63 N	172.13 26.70 0.00 N	195.32 30.78 0.00 N	254.83 37.00 -1.79 N	146.44 7.39 -97.46 N	112.23 6.80 -70.48 N	120.78 6.23 -82.60 N	139.22 2.86 -120.94 N	95.43 4.82 -64.73 N	82.48 7.19 -38.01 N	122.12 14.10 -33.72 N	133.46 4.98 -99.10 N	66.42 10.00 -2.76 N	107.07 18.42 2.37 N	20.03 3.81 2.55 N	111.68 15.04 -21.87 N	92.01 13.80 -6.07 N	
EAST_RIVER___1 323558	126.69 9.63 -5.92 N	38.55 2.80 -2.77 N	48.85 3.32 -4.60 N	52.02 2.84 -12.35 N	65.66 1.68 -42.72 N	61.08 4.91 0.00 N	206.99 18.18 -0.99 N	175.53 15.18 0.00 N	160.57 15.14 0.00 N	182.13 17.59 0.00 N	241.18 23.35 -1.79 N	143.65 4.60 -97.46 N	85.67 3.97 -46.75 N	89.33 3.55 -53.83 N	138.06 1.71 -120.92 N	94.40 2.89 -65.63 N	79.78 4.25 -38.26 N	116.49 8.41 -33.78 N	131.57 3.09 -99.09 N	69.56 5.83 -10.06 N	101.70 10.68 0.00 N	20.85 2.08 0.00 N	82.72 7.95 0.00 N	79.84 7.17 -5.54 N	
EAST_RIVER___2 323559	126.53 9.47 -5.92 N	38.50 2.76 -2.77 N	48.79 3.26 -4.60 N	51.96 2.77 -12.35 N	65.64 1.66 -42.72 N	61.04 4.88 0.00 N	206.85 18.05 -0.99 N	175.37 15.02 0.00 N	160.43 15.00 0.00 N	182.01 17.47 0.00 N	241.04 23.22 -1.79 N	143.63 4.58 -97.46 N	85.65 3.95 -46.75 N	89.31 3.54 -53.83 N	138.05 1.71 -120.92 N	94.39 2.88 -65.63 N	79.76 4.23 -38.26 N	116.45 8.37 -33.78 N	131.55 3.07 -99.09 N	69.51 5.79 -10.06 N	101.61 10.60 0.00 N	20.83 2.06 0.00 N	82.63 7.86 0.00 N	79.76 7.08 -5.54 N	
EAST___DELAWARE_HYD 23607	124.18 8.06 -4.98 N	37.62 2.32 -2.33 N	47.69 2.90 -3.87 N	49.78 2.57 -10.37 N	58.71 1.55 -35.90 N	60.72 4.55 0.00 N	205.42 16.77 -0.83 N	174.32 13.97 0.00 N	158.24 12.81 0.00 N	174.21 9.67 0.00 N	230.62 13.08 -1.50 N	125.88 2.55 -81.73 N	77.25 2.35 -39.94 N	80.85 2.14 -46.78 N	121.50 1.00 -105.08 N	84.65 1.67 -57.10 N	72.94 2.35 -33.31 N	108.29 4.57 -29.41 N	117.37 1.71 -86.28 N	65.85 3.42 -8.76 N	97.30 6.29 0.00 N	20.04 1.28 0.00 N	79.09 4.32 0.00 N	76.43 3.82 -4.47 N	
ELEC_TRO_TEK 24086	126.89 9.82 -5.92 N	38.59 2.85 -2.77 N	48.86 3.33 -4.60 N	52.02 2.84 -12.35 N	65.67 1.68 -42.72 N	61.13 4.97 0.00 N	206.70 17.89 -0.99 N	180.43 15.45 -4.63 N	159.98 14.55 0.00 N	181.42 16.88 0.00 N	239.81 21.98 -1.79 N	143.42 4.37 -97.46 N	109.48 4.05 -70.48 N	118.25 3.68 -82.62 N	138.08 1.72 -120.94 N	95.11 2.94 -66.29 N	82.77 4.37 -41.12 N	116.74 8.62 -33.83 N	131.50 3.01 -99.10 N	74.84 5.95 -15.23 N	103.58 10.90 -1.67 N	23.03 2.20 -2.06 N	105.08 8.44 -21.87 N	85.83 7.62 -6.07 N	
ELLENBURG_WT_PWR 323604	107.60 -3.54 0.00 N	31.84 -1.14 0.00 N	39.51 -1.41 0.00 N	35.63 -1.20 0.00 N	20.44 -0.82 0.00 N	53.83 -2.33 0.00 N	179.04 -8.78 0.00 N	153.69 -6.66 0.00 N	139.25 -6.18 0.00 N	157.51 -7.03 0.00 N	206.73 -9.31 0.00 N	39.54 -2.05 0.00 N	33.19 -1.76 0.00 N	30.40 -1.54 0.00 N	14.76 -0.66 0.00 N	24.84 -1.04 0.00 N	35.68 -1.59 0.00 N	71.08 -3.22 0.00 N	28.12 -1.27 0.00 N	51.34 -2.32 0.00 N	86.91 -4.11 0.00 N	18.03 -0.74 0.00 N	71.64 -3.13 0.00 N	68.61 -3.53 0.00 N	
E_CANADA_CAP_HY 24051	122.08 1.67 -9.28 N	37.64 0.33 -4.34 N	48.42 0.29 -7.20 N	56.34 0.17 -19.34 N	88.27 0.11 -66.91 N	56.99 0.83 0.00 N	194.26 4.90 -1.54 N	166.66 6.30 0.00 N	151.46 6.03 0.00 N	170.72 6.18 0.00 N	227.44 8.59 -2.81 N	195.96 1.52 -152.85 N	110.66 1.33 -74.37 N	119.91 1.21 -86.76 N	210.85 0.54 -194.89 N	132.45 0.82 -105.75 N	99.99 1.08 -61.64 N	130.87 2.15 -54.42 N	189.88 0.87 -159.64 N	71.55 1.68 -16.21 N	94.26 3.24 0.00 N	19.47 0.70 0.00 N	76.89 2.12 0.00 N	74.40 1.40 -0.87 N	
E_CANADA_MHWK_HY 24050	117.14 6.13 0.12 N	34.72 1.80 0.06 N	42.98 2.15 0.10 N	38.58 2.00 0.26 N	21.60 1.25 0.90 N	59.60 3.43 0.00 N	200.83 13.03 0.02 N	171.68 11.33 0.00 N	155.93 10.50 0.00 N	177.02 12.47 0.00 N	232.58 16.59 0.04 N	42.68 3.23 2.13 N	36.38 2.47 1.05 N	32.97 2.24 1.22 N	13.82 1.12 2.72 N	26.23 1.83 1.48 N	39.12 2.71 0.86 N	79.00 5.47 0.76 N	29.27 2.12 2.23 N	57.39 3.95 0.23 N	98.27 7.26 0.00 N	20.19 1.42 0.00 N	79.91 5.14 0.00 N	76.58 4.45 0.01 N	
E_FISHKILL___LBMP 23776	124.97 7.91 -5.92 N	38.04 2.30 -2.77 N	48.30 2.77 -4.60 N	51.59 2.41 -12.35 N	65.40 1.42 -42.71 N	60.21 4.05 0.00 N	203.59 14.78 -0.99 N	172.55 12.20 0.00 N	157.29 11.87 0.00 N	178.11 13.57 0.00 N	236.01 18.18 -1.79 N	142.62 3.58 -97.45 N	85.29 3.09 -47.25 N	89.66 2.77 -54.95 N	140.21 1.35 -123.44 N	95.14 2.27 -66.99 N	79.63 3.31 -39.05 N	115.37 6.59 -34.48 N	132.99 2.47 -101.14 N	68.59 4.65 -10.27 N	99.44 8.43 0.00 N	20.47 1.70 0.00 N	81.05 6.29 0.00 N	78.45 5.76 -0.55 N	
FAR ROCKAWAY___4 23548	129.18 12.12 -5.92 N	39.27 3.52 -2.77 N	49.67 4.14 -4.60 N	52.73 3.55 -12.35 N	66.09 2.11 -42.72 N	62.35 6.19 0.00 N	210.55 21.75 -0.99 N	184.19 19.21 -4.63 N	163.44 18.01 0.00 N	185.46 20.92 0.00 N	245.16 27.34 -1.79 N	144.40 5.35 -97.46 N	110.32 4.89 -70.48 N	119.23 4.46 -82.83 N	138.45 2.09 -120.94 N	108.87 3.55 -79.44 N	109.89 5.24 -67.37 N	119.37 10.39 -34.69 N	132.20 3.71 -99.10 N	181.64 7.28 -120.69 N	140.20 13.36 -35.83 N	62.50 2.69 -41.05 N	106.92 10.28 -21.87 N	87.39 9.18 -6.07 N	
FARRAGUT___LBMP 323566	126.56 9.50 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.79 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.72 17.91 -0.99 N	175.26 14.91 0.00 N	160.30 14.87 0.00 N	181.83 17.29 0.00 N	240.74 22.92 -1.79 N	143.57 4.52 -97.46 N	85.60 3.90 -46.75 N	89.27 3.49 -53.83 N	138.03 1.68 -120.92 N	94.36 2.84 -65.63 N	79.71 4.17 -38.26 N	116.35 8.27 -33.78 N	131.52 3.04 -99.09 N	69.46 5.73 -10.06 N	101.53 10.52 0.00 N	20.84 2.07 0.00 N	82.60 7.84 0.00 N	79.77 7.09 -5.54 N	
FENNER___WINDPWR 24204	111.80 0.31 -0.35 N	33.39 0.26 -0.16 N	41.37 0.17 -0.27 N	37.61 0.05 -0.73 N	23.99 0.21 -2.51 N	56.92 0.75 0.00 N	192.82 4.94 -0.06 N	165.48 5.13 0.00 N	150.29 4.86 0.00 N	170.07 5.53 0.00 N	223.10 6.97 -0.09 N	47.89 1.25 -5.04 N	38.42 1.01 -2.46 N	35.72 0.90 -2.88 N	22.36 0.46 -6.48 N	30.13 0.73 -3.52 N	40.25 0.93 -2.05 N	77.77 1.67 -1.81 N	35.33 0.64 -5.31 N	55.50 1.29 -0.54 N	93.65 2.64 0.00 N	19.25 0.48 0.00 N	76.18 1.41 0.00 N	72.88 0.71 -0.03 N	
FIBERTEK___ENERGY 23856	110.71 -1.08 -0.65 N	33.07 -0.21 -0.30 N	41.06 -0.37 -0.51 N	37.76 -0.43 -1.36 N	25.87 -0.09 -4.70 N	56.10 -0.06 0.00 N	189.54 1.61 -0.11 N	162.19 1.84 0.00 N	147.37 1.94 0.00 N	166.90 2.36 0.00 N	219.13 2.90 -0.19 N	52.39 0.43 -10.36 N	40.40 0.39 -5.05 N	38.21 0.36 -5.91 N	28.87 0.17 -13.28 N	33.34 0.25 -7.21 N	41.78 0.30 -4.20 N	78.50 0.49 -3.71 N	40.48 0.21 -10.88 N	55.17 0.41 -1.11 N	92.07 1.05 0.00 N	18.92 0.15 0.00 N	75.09 0.33 0.00 N	71.94 -0.27 -0.06 N	
FITZPATRICK___	107.84	32.12	39.86	36.29	22.97	54.50	182.95	156.29	141.97	160.60	210.86	45.80	36.65	34.14	21.79	28.85	38.42	74.21	34.15	52.79	88.74	18.27	72.72	69.99	



23598	-3.62 -0.33 N	-1.01 -0.15 N	-1.32 -0.25 N	-1.23 -0.68 N	-0.64 -2.35 N	-1.66 0.00 N	-4.93 -0.05 N	-4.06 0.00 N	-3.46 0.00 N	-3.94 0.00 N	-5.28 -0.10 N	-1.07 -5.28 N	-0.88 -2.57 N	-0.81 -3.01 N	-0.40 -6.77 N	-0.70 -3.67 N	-1.00 -2.14 N	-1.98 -1.89 N	-0.77 -5.54 N	-1.44 -0.56 N	-2.27 0.00 N	-0.50 0.00 N	-2.04 0.00 N	-2.19 -0.03 N
FORT ORANGE____ 23900	125.17 6.83 -7.21 N	38.27 1.93 -3.37 N	48.97 2.44 -5.60 N	54.10 2.24 -15.03 N	74.56 1.31 -51.99 N	59.75 3.58 0.00 N	201.81 12.79 -1.20 N	170.84 10.49 0.00 N	155.15 9.72 0.00 N	175.40 10.86 0.00 N	232.91 14.69 -2.18 N	163.05 2.90 -118.56 N	94.89 2.31 -57.63 N	101.21 2.10 -67.17 N	167.33 1.03 -150.88 N	109.46 1.70 -81.89 N	87.45 2.44 -47.73 N	121.35 4.91 -42.14 N	154.94 1.93 -123.62 N	69.73 3.52 -12.55 N	97.14 6.13 0.00 N	20.05 1.29 0.00 N	79.45 4.68 0.00 N	77.20 4.38 -0.67 N
FORT_DRUM_COGEN 23780	104.63 -6.75 -0.24 N	31.01 -2.08 -0.11 N	38.41 -2.71 -0.19 N	34.87 -2.47 -0.51 N	21.69 -1.33 -1.76 N	53.09 -3.08 0.00 N	180.31 -7.55 -0.04 N	155.87 -4.49 0.00 N	141.48 -3.94 0.00 N	160.35 -4.19 0.00 N	210.80 -5.31 -0.07 N	44.28 -1.07 -3.76 N	35.78 -1.00 -1.83 N	33.19 -0.93 -2.18 N	19.87 -0.47 -4.91 N	27.64 -1.35 -2.66 N	37.48 -1.35 -1.55 N	72.86 -2.80 -1.37 N	32.36 -1.04 -4.02 N	52.20 -1.87 -0.41 N	88.64 -2.38 0.00 N	18.32 -0.45 0.00 N	71.69 -3.08 0.00 N	68.72 -3.45 -0.02 N
FPL_FAR_ROCK_GT1 24212	129.18 12.12 -5.92 N	39.27 3.52 -2.77 N	49.67 4.14 -4.60 N	52.73 3.55 -12.35 N	66.09 2.11 -42.72 N	62.35 6.19 0.00 N	210.55 21.75 -0.99 N	184.19 19.21 -4.63 N	163.44 18.01 0.00 N	185.46 20.92 0.00 N	245.16 27.34 -1.79 N	144.40 5.35 -97.46 N	110.32 4.89 -70.48 N	119.23 4.46 -82.83 N	138.45 2.09 -120.94 N	108.87 3.55 -79.44 N	109.89 5.24 -67.37 N	119.37 10.39 -34.69 N	132.20 3.71 -99.10 N	181.64 7.28 -120.69 N	140.20 13.36 -35.83 N	62.50 2.69 -41.05 N	106.92 10.28 -21.87 N	87.39 9.18 -6.07 N
FPL_FAR_ROCK_GT2 23815	129.18 12.12 -5.92 N	39.27 3.52 -2.77 N	49.67 4.14 -4.60 N	52.73 3.55 -12.35 N	66.09 2.11 -42.72 N	62.35 6.19 0.00 N	210.55 21.75 -0.99 N	184.19 19.21 -4.63 N	163.44 18.01 0.00 N	185.46 20.92 0.00 N	245.16 27.34 -1.79 N	144.40 5.35 -97.46 N	110.32 4.89 -70.48 N	119.23 4.46 -82.83 N	138.45 2.09 -120.94 N	108.87 3.55 -79.44 N	109.89 5.24 -67.37 N	119.37 10.39 -34.69 N	132.20 3.71 -99.10 N	181.64 7.28 -120.69 N	140.20 13.36 -35.83 N	62.50 2.69 -41.05 N	106.92 10.28 -21.87 N	87.39 9.18 -6.07 N
FRANKLIN_FALL_HYD 24054	108.27 -2.86 0.00 N	31.99 -0.98 0.00 N	39.70 -1.23 0.00 N	35.79 -1.04 0.00 N	20.56 -0.69 0.00 N	54.19 -1.97 0.00 N	180.76 -7.06 0.00 N	155.87 -4.48 0.00 N	141.35 -4.07 0.00 N	160.02 -4.52 0.00 N	210.02 -6.02 0.00 N	40.19 -1.40 0.00 N	33.72 -1.23 0.00 N	30.90 -1.04 0.00 N	14.96 -0.46 0.00 N	25.11 -0.77 0.00 N	36.09 -1.19 0.00 N	71.87 -2.43 0.00 N	28.45 -0.93 0.00 N	52.08 -1.59 0.00 N	88.17 -2.84 0.00 N	18.28 -0.48 0.00 N	72.56 -2.21 0.00 N	69.41 -2.73 0.00 N
FREEPORT_EQUS_GT1 23764	128.29 11.22 -5.92 N	38.98 3.24 -2.77 N	49.30 3.78 -4.60 N	52.42 3.24 -12.35 N	65.91 1.93 -42.72 N	61.82 5.66 0.00 N	208.86 20.05 -0.99 N	182.05 17.07 -4.63 N	161.19 15.76 0.00 N	182.76 18.22 0.00 N	240.62 22.79 -1.79 N	143.55 4.50 -97.46 N	109.79 4.35 -70.48 N	118.65 4.06 -82.65 N	138.25 1.89 -120.94 N	97.03 3.23 -67.93 N	86.46 4.79 -44.39 N	117.73 9.50 -33.93 N	131.83 3.34 -99.10 N	88.68 6.64 -28.38 N	109.14 12.19 -5.93 N	28.14 2.45 -6.92 N	106.15 9.51 -21.87 N	86.84 8.62 -6.07 N
FULTON COGEN____ 23766	111.10 -0.56 -0.52 N	32.97 -0.25 -0.24 N	40.84 -0.50 -0.41 N	37.39 -0.53 -1.09 N	24.85 -0.18 -3.77 N	55.93 -0.23 0.00 N	189.15 1.24 -0.09 N	162.07 1.72 0.00 N	147.59 2.16 0.00 N	167.57 3.03 0.00 N	220.24 4.05 -0.15 N	50.66 0.73 -8.34 N	39.60 0.59 -4.06 N	37.27 0.57 -4.76 N	26.36 0.25 -10.69 N	32.03 0.35 -5.80 N	41.15 0.49 -3.38 N	78.21 0.92 -2.99 N	38.51 0.37 -8.76 N	55.14 0.59 -0.89 N	92.44 1.42 0.00 N	19.04 0.27 0.00 N	75.14 0.38 0.00 N	71.92 -0.27 -0.05 N
Freeport____CT2 23818	128.29 11.22 -5.92 N	38.98 3.24 -2.77 N	49.30 3.78 -4.60 N	52.42 3.24 -12.35 N	65.91 1.93 -42.72 N	61.82 5.66 0.00 N	208.86 20.05 -0.99 N	182.05 17.07 -4.63 N	161.19 15.76 0.00 N	182.76 18.22 0.00 N	240.62 22.79 -1.79 N	143.55 4.50 -97.46 N	109.79 4.35 -70.48 N	118.65 4.06 -82.65 N	138.25 1.89 -120.94 N	97.03 3.23 -67.93 N	86.46 4.79 -44.39 N	117.73 9.50 -33.93 N	131.83 3.34 -99.10 N	88.68 6.64 -28.38 N	109.14 12.19 -5.93 N	28.14 2.45 -6.92 N	106.15 9.51 -21.87 N	86.84 8.62 -6.07 N
G.F.CEMENT____DRP 24184	120.64 1.98 -7.53 N	36.84 0.35 -3.52 N	47.49 0.72 -5.85 N	53.30 0.77 -15.69 N	76.00 0.45 -54.29 N	57.28 1.12 0.00 N	194.35 5.28 -1.25 N	164.60 4.25 0.00 N	149.23 3.80 0.00 N	168.68 4.14 0.00 N	225.19 6.88 -2.28 N	166.77 1.33 -123.84 N	95.98 0.83 -60.20 N	102.84 0.74 -70.16 N	173.44 0.40 -157.61 N	111.95 0.54 -85.52 N	87.88 0.75 -49.85 N	119.98 1.67 -44.01 N	159.29 0.81 -129.10 N	68.10 1.33 -13.11 N	93.19 2.18 0.00 N	19.38 0.61 0.00 N	76.34 1.58 0.00 N	74.33 1.48 -0.70 N
GARDENVILLE____LBMP 24039	102.78 -9.25 -0.90 N	30.99 -2.41 -0.42 N	38.29 -3.34 -0.70 N	35.70 -3.01 -1.87 N	26.25 -1.49 -6.48 N	52.10 -4.06 0.00 N	177.02 -10.95 -0.15 N	150.13 -10.22 0.00 N	137.02 -8.40 0.00 N	156.37 -8.17 0.00 N	204.82 -11.48 -0.27 N	53.55 -2.58 -14.54 N	40.01 -2.04 -7.09 N	38.36 -1.87 -8.29 N	33.18 -0.87 -18.62 N	34.36 -1.62 -10.11 N	40.69 -2.49 -5.90 N	74.23 -5.28 -5.21 N	42.61 -2.07 -15.29 N	51.06 -4.15 -1.55 N	84.54 -6.47 0.00 N	17.13 -1.63 0.00 N	69.58 -5.18 0.00 N	66.29 -5.93 -0.08 N
GENERAL____MILLS 23808	103.07 -8.98 -0.91 N	31.07 -2.34 -0.43 N	38.39 -3.24 -0.71 N	35.80 -2.94 -1.91 N	26.42 -1.44 -6.60 N	52.20 -3.96 0.00 N	177.33 -10.64 -0.15 N	150.44 -9.91 0.00 N	137.42 -8.00 0.00 N	156.77 -7.78 0.00 N	205.43 -10.87 -0.27 N	53.94 -2.46 -14.81 N	40.25 -1.93 -7.22 N	38.61 -1.77 -8.44 N	33.57 -0.82 -18.97 N	34.62 -1.55 -10.30 N	40.90 -2.40 -6.02 N	74.49 -5.12 -5.31 N	42.97 -2.00 -15.59 N	51.22 -4.03 -1.58 N	84.76 -6.25 0.00 N	17.18 -1.59 0.00 N	69.75 -5.01 0.00 N	66.51 -5.72 -0.08 N
GE_PLASTICS____DRP 24183	123.83 5.42 -7.27 N	37.94 1.57 -3.40 N	48.55 1.98 -5.65 N	53.79 1.80 -15.16 N	74.77 1.05 -52.46 N	59.03 2.86 0.00 N	198.87 9.84 -1.21 N	168.23 7.87 0.00 N	152.73 7.30 0.00 N	172.40 7.86 0.00 N	228.09 9.85 -2.20 N	163.35 2.06 -119.70 N	94.63 1.49 -58.19 N	101.08 1.31 -67.83 N	168.43 0.63 -152.37 N	109.60 1.05 -82.67 N	86.97 1.52 -48.18 N	119.89 3.05 -42.54 N	155.35 1.19 -124.78 N	68.49 2.16 -12.67 N	94.92 3.90 0.00 N	19.61 0.84 0.00 N	77.79 3.02 0.00 N	75.67 2.85 -0.68 N
GILBOA____I 23756	121.74 4.94 -5.66 N	37.16 1.54 -2.65 N	47.21 1.89 -4.40 N	50.32 1.68 -11.80 N	63.08 0.99 -40.83 N	58.92 2.76 0.00 N	197.52 8.76 -0.94 N	167.48 7.13 0.00 N	152.16 6.73 0.00 N	171.79 7.25 0.00 N	227.45 9.70 -1.71 N	136.70 1.89 -93.22 N	81.88 1.60 -45.33 N	86.32 1.52 -52.85 N	134.88 0.74 -118.72 N	91.53 1.24 -64.42 N	76.62 1.80 -37.54 N	111.03 3.59 -33.15 N	127.98 1.36 -97.23 N	66.00 2.46 -9.87 N	95.42 4.41 0.00 N	19.65 0.88 0.00 N	78.15 3.38 0.00 N	75.82 3.15 -0.53 N



GILBOA____2 23757	121.74 4.94 -5.66 N	37.16 1.54 -2.65 N	47.21 1.89 -4.40 N	50.32 1.68 -11.80 N	63.08 0.99 -40.83 N	58.92 2.76 0.00 N	197.52 8.76 -0.94 N	167.48 7.13 0.00 N	152.16 6.73 0.00 N	171.79 7.25 0.00 N	227.45 9.70 -1.71 N	136.70 1.89 -93.22 N	81.88 1.60 -45.33 N	86.32 1.52 -52.85 N	134.88 0.74 -118.72 N	91.53 1.24 -64.42 N	76.62 1.80 -37.54 N	111.03 3.59 -33.15 N	127.98 1.36 -97.23 N	66.00 2.46 -9.87 N	95.42 4.41 0.00 N	19.65 0.88 0.00 N	78.15 3.38 0.00 N	75.82 3.15 -0.53 N
GILBOA____3 23758	121.74 4.94 -5.66 N	37.16 1.54 -2.65 N	47.21 1.89 -4.40 N	50.32 1.68 -11.80 N	63.08 0.99 -40.83 N	58.92 2.76 0.00 N	197.52 8.76 -0.94 N	167.48 7.13 0.00 N	152.16 6.73 0.00 N	171.79 7.25 0.00 N	227.45 9.70 -1.71 N	136.70 1.89 -93.22 N	81.88 1.60 -45.33 N	86.32 1.52 -52.85 N	134.88 0.74 -118.72 N	91.53 1.24 -64.42 N	76.62 1.80 -37.54 N	111.03 3.59 -33.15 N	127.98 1.36 -97.23 N	66.00 2.46 -9.87 N	95.42 4.41 0.00 N	19.65 0.88 0.00 N	78.15 3.38 0.00 N	75.82 3.15 -0.53 N
GILBOA____4 23759	121.74 4.94 -5.66 N	37.16 1.54 -2.65 N	47.21 1.89 -4.40 N	50.32 1.68 -11.80 N	63.08 0.99 -40.83 N	58.92 2.76 0.00 N	197.52 8.76 -0.94 N	167.48 7.13 0.00 N	152.16 6.73 0.00 N	171.79 7.25 0.00 N	227.45 9.70 -1.71 N	136.70 1.89 -93.22 N	81.88 1.60 -45.33 N	86.32 1.52 -52.85 N	134.88 0.74 -118.72 N	91.53 1.24 -64.42 N	76.62 1.80 -37.54 N	111.03 3.59 -33.15 N	127.98 1.36 -97.23 N	66.00 2.46 -9.87 N	95.42 4.41 0.00 N	19.65 0.88 0.00 N	78.15 3.38 0.00 N	75.82 3.15 -0.53 N
GILBOA____ 23599	121.74 4.94 -5.66 N	37.16 1.54 -2.65 N	47.21 1.89 -4.40 N	50.32 1.68 -11.80 N	63.08 0.99 -40.83 N	58.92 2.76 0.00 N	197.52 8.76 -0.94 N	167.48 7.13 0.00 N	152.16 6.73 0.00 N	171.79 7.25 0.00 N	227.45 9.70 -1.71 N	136.70 1.89 -93.22 N	81.88 1.60 -45.33 N	86.32 1.52 -52.85 N	134.88 0.74 -118.72 N	91.53 1.24 -64.42 N	76.62 1.80 -37.54 N	111.03 3.59 -33.15 N	127.98 1.36 -97.23 N	66.00 2.46 -9.87 N	95.42 4.41 0.00 N	19.65 0.88 0.00 N	78.15 3.38 0.00 N	75.82 3.15 -0.53 N
GINNA____ 23603	108.72 -3.01 -0.60 N	32.57 -0.68 -0.28 N	40.31 -1.08 -0.46 N	37.06 -1.02 -1.24 N	25.17 -0.38 -4.29 N	55.12 -1.05 0.00 N	186.76 -1.16 -0.10 N	159.62 -0.73 0.00 N	145.44 0.01 0.00 N	165.10 0.56 0.00 N	216.65 0.44 -0.17 N	51.00 -0.13 -9.54 N	39.60 0.00 -4.65 N	37.39 0.01 -5.44 N	27.66 0.02 -12.22 N	32.40 -0.10 -6.63 N	40.89 -0.25 -3.87 N	76.99 -0.72 -3.42 N	39.16 -0.25 -10.02 N	54.04 -0.64 -1.02 N	90.46 -0.55 0.00 N	18.57 -0.20 0.00 N	73.80 -0.96 0.00 N	70.55 -1.65 -0.05 N
GLEN PARK____ 23778	105.32 -6.09 -0.27 N	31.22 -1.88 -0.13 N	38.64 -2.49 -0.21 N	35.12 -2.29 -0.57 N	22.04 -1.20 -1.98 N	53.43 -2.74 0.00 N	181.74 -6.13 -0.05 N	157.24 -3.11 0.00 N	142.79 -2.64 0.00 N	161.86 -2.68 0.00 N	212.90 -3.22 -0.08 N	45.18 -0.67 -4.27 N	36.36 -0.67 -2.08 N	33.77 -0.64 -2.47 N	20.65 -0.32 -5.55 N	28.21 -0.68 -3.01 N	38.00 -1.04 -1.76 N	73.69 -2.16 -1.55 N	33.15 -0.78 -4.55 N	52.74 -1.39 -0.46 N	89.51 -1.50 0.00 N	18.51 -0.26 0.00 N	72.31 -2.46 0.00 N	69.18 -2.98 -0.03 N
GLENWOOD_IC_1_G5 23712	127.47 10.41 -5.92 N	38.76 3.02 -2.77 N	49.09 3.56 -4.60 N	52.24 3.06 -12.35 N	65.79 1.81 -42.72 N	61.47 5.30 0.00 N	208.15 19.34 -0.99 N	181.56 16.57 -4.63 N	161.35 15.93 0.00 N	182.99 18.44 0.00 N	242.23 24.40 -1.79 N	143.85 4.80 -97.46 N	109.71 4.27 -70.48 N	118.44 3.86 -82.63 N	138.19 1.83 -120.94 N	95.81 3.11 -66.82 N	84.04 4.58 -42.18 N	117.23 9.07 -33.86 N	131.74 3.25 -99.10 N	79.46 6.29 -19.51 N	105.56 11.49 -3.06 N	24.72 2.32 -3.64 N	105.30 8.66 -21.87 N	86.02 7.81 -6.07 N
GLENWOOD_IC_2_G1 23688	126.96 9.90 -5.92 N	38.61 2.87 -2.77 N	48.92 3.40 -4.60 N	52.10 2.91 -12.35 N	65.70 1.72 -42.72 N	61.21 5.04 0.00 N	207.20 18.39 -0.99 N	180.57 15.59 -4.63 N	160.43 15.00 0.00 N	181.89 17.35 0.00 N	240.73 22.91 -1.79 N	143.55 4.50 -97.46 N	109.42 3.99 -70.48 N	118.15 3.59 -82.61 N	138.07 1.71 -120.94 N	94.42 2.90 -65.64 N	81.38 4.28 -39.83 N	116.55 8.47 -33.78 N	131.54 3.05 -99.10 N	69.62 5.89 -10.06 N	101.77 10.75 0.00 N	21.08 2.16 -0.15 N	104.77 8.13 -21.87 N	85.57 7.35 -6.07 N
GLENWOOD_IC_3_G1 23689	126.96 9.90 -5.92 N	38.61 2.87 -2.77 N	48.92 3.40 -4.60 N	52.10 2.91 -12.35 N	65.70 1.72 -42.72 N	61.21 5.04 0.00 N	207.20 18.39 -0.99 N	180.57 15.59 -4.63 N	160.43 15.00 0.00 N	181.89 17.35 0.00 N	240.73 22.91 -1.79 N	143.55 4.50 -97.46 N	109.42 3.99 -70.48 N	118.15 3.59 -82.61 N	138.07 1.71 -120.94 N	94.42 2.90 -65.64 N	81.38 4.28 -39.83 N	116.55 8.47 -33.78 N	131.54 3.05 -99.10 N	69.62 5.89 -10.06 N	101.77 10.75 0.00 N	21.08 2.16 -0.15 N	104.77 8.13 -21.87 N	85.57 7.35 -6.07 N
GLENWOOD____4 23550	127.47 10.41 -5.92 N	38.76 3.02 -2.77 N	49.09 3.56 -4.60 N	52.24 3.06 -12.35 N	65.79 1.81 -42.72 N	61.47 5.30 0.00 N	208.15 19.34 -0.99 N	181.56 16.57 -4.63 N	161.35 15.93 0.00 N	182.99 18.44 0.00 N	242.23 24.40 -1.79 N	143.85 4.80 -97.46 N	109.71 4.27 -70.48 N	118.44 3.86 -82.63 N	138.19 1.83 -120.94 N	95.81 3.11 -66.82 N	84.04 4.58 -42.18 N	117.23 9.07 -33.86 N	131.74 3.25 -99.10 N	79.45 6.29 -19.50 N	105.56 11.49 -3.06 N	24.73 2.32 -3.64 N	105.31 8.67 -21.87 N	86.02 7.81 -6.07 N
GLENWOOD____5 23614	127.47 10.41 -5.92 N	38.76 3.02 -2.77 N	49.09 3.56 -4.60 N	52.24 3.06 -12.35 N	65.79 1.81 -42.72 N	61.47 5.30 0.00 N	208.15 19.34 -0.99 N	181.56 16.57 -4.63 N	161.35 15.93 0.00 N	182.99 18.44 0.00 N	242.23 24.40 -1.79 N	143.85 4.80 -97.46 N	109.71 4.27 -70.48 N	118.44 3.86 -82.63 N	138.19 1.83 -120.94 N	95.81 3.11 -66.82 N	84.04 4.58 -42.18 N	117.23 9.07 -33.86 N	131.74 3.25 -99.10 N	79.45 6.29 -19.50 N	105.56 11.49 -3.06 N	24.73 2.32 -3.64 N	105.31 8.67 -21.87 N	86.02 7.81 -6.07 N
GLOBAL GREEN_PORT_GT1 23814	135.49 18.43 -5.92 N	41.21 5.47 -2.77 N	52.01 6.48 -4.60 N	54.85 5.67 -12.35 N	67.42 3.44 -42.72 N	65.99 9.83 0.00 N	225.71 36.90 -0.99 N	197.78 32.79 -4.63 N	173.06 27.63 0.00 N	196.31 31.77 0.00 N	256.12 38.28 -1.79 N	146.69 7.64 -97.46 N	112.43 7.00 -70.48 N	120.97 6.42 -82.60 N	139.31 2.95 -120.94 N	95.58 4.97 -64.73 N	82.71 7.42 -38.01 N	122.62 14.60 -33.72 N	133.70 5.22 -99.10 N	66.94 10.52 -2.76 N	108.06 19.41 2.37 N	20.21 3.99 2.55 N	112.34 15.70 -21.87 N	92.63 14.42 -6.07 N
GOETHSLN____LBMP 323567	126.23 9.17 -5.92 N	38.43 2.69 -2.77 N	48.69 3.17 -4.60 N	51.86 2.68 -12.35 N	65.55 1.57 -42.72 N	60.80 4.63 0.00 N	206.08 17.28 -0.99 N	174.67 14.32 0.00 N	159.74 14.32 0.00 N	181.17 16.62 0.00 N	239.98 22.15 -1.79 N	143.41 4.36 -97.46 N	85.48 3.78 -46.75 N	89.17 3.39 -53.83 N	137.98 1.64 -120.92 N	94.27 2.76 -65.63 N	79.58 4.04 -38.26 N	116.08 8.00 -33.78 N	131.41 2.94 -99.09 N	69.27 5.54 -10.06 N	101.21 10.20 0.00 N	20.75 1.98 0.00 N	82.35 7.59 0.00 N	79.55 6.88 -0.54 N
GOUDEY____7 23579	113.73 0.61 -1.98 N	34.14 0.23 -0.93 N	42.63 0.16 -1.54 N	41.07 0.09 -4.14 N	35.75 0.18 -14.31 N	57.02 0.86 0.00 N	193.46 5.30 -0.33 N	164.88 4.53 0.00 N	149.73 4.30 0.00 N	169.99 5.45 0.00 N	223.02 6.38 -0.61 N	75.65 1.04 -33.02 N	51.88 0.82 -16.11 N	51.57 0.80 -18.83 N	58.07 0.36 -42.29 N	49.47 0.63 -22.96 N	51.61 0.95 -13.38 N	88.05 1.94 -11.81 N	64.71 0.67 -34.65 N	58.47 1.28 -3.52 N	93.66 2.65 0.00 N	19.10 0.33 0.00 N	76.60 1.83 0.00 N	73.06 0.73 -0.19 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOUDEY___8 23580	113.62 0.50 -1.98 N	34.10 0.20 -0.93 N	42.59 0.13 -1.54 N	41.04 0.07 -4.14 N	35.73 0.16 -14.31 N	56.97 0.80 0.00 N	193.27 5.12 -0.33 N	164.71 4.36 0.00 N	149.54 4.11 0.00 N	169.76 5.22 0.00 N	222.73 6.09 -0.61 N	75.60 0.98 -33.02 N	51.83 0.78 -16.11 N	51.53 0.76 -18.83 N	58.05 0.34 -42.29 N	49.44 0.61 -22.96 N	51.57 0.91 -13.38 N	87.94 1.83 -11.81 N	64.67 0.64 -34.65 N	58.41 1.23 -3.52 N	93.53 2.52 0.00 N	19.08 0.32 0.00 N	76.51 1.74 0.00 N	72.99 0.66 -0.19 N				
GOWANUS_GT1_1 24077	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT1_2 24078	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT1_3 24079	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT1_4 24080	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT1_5 24084	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT1_6 24111	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT1_7 24112	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT1_8 24113	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT2_1 24114	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT2_2 24115	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT2_3 24116	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT2_4 24117	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N				
GOWANUS_GT2_5	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13				



24118		9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45
		-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT2_6 24119	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT2_7 24120	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT2_8 24121	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_1 24122	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_2 24123	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_3 24124	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_4 24125	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_5 24126	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_6 24127	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_7 24128	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT3_8 24129	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT4_1 24130	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GOWANUS_GT4_2 24131	127.02	38.64	48.94	52.08	65.69	61.18	207.19	175.86	161.10	182.53	241.56	143.73	85.77	89.40	138.10	94.46	79.85	116.61	131.60	69.66	101.90	20.87	83.01	80.13	
	9.96	2.90	3.42	2.90	1.71	5.01	18.38	15.51	15.67	17.99	23.73	4.68	4.07	3.63	1.75	2.95	4.31	8.53	3.12	5.93	10.89	2.11	8.24	7.45	
	-5.92	-2.77	-4.60	-12.35	-42.72	0.00	-0.99	0.00	0.00	0.00	-1.79	-97.46	-46.75	-53.83	-120.93	-65.64	-38.26	-33.78	-99.09	-10.06	0.00	0.00	0.00	-0.54	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N



GOWANUS_GT4_3 24132	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
GOWANUS_GT4_4 24133	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
GOWANUS_GT4_5 24134	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
GOWANUS_GT4_6 24135	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
GOWANUS_GT4_7 24136	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
GOWANUS_GT4_8 24137	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
GREENIDGE___3 23582	110.13 -2.15 -1.15 N	33.32 -0.19 -0.54 N	41.21 -0.61 -0.89 N	38.39 -0.84 -2.40 N	29.57 0.01 -8.29 N	56.41 0.24 0.00 N	193.05 5.04 -0.19 N	165.39 5.04 0.00 N	150.44 5.01 0.00 N	170.98 6.44 0.00 N	224.16 7.79 -0.33 N	60.83 1.15 -18.09 N	44.80 1.03 -8.82 N	43.24 0.98 -10.32 N	39.13 0.53 -23.18 N	39.33 0.87 -12.58 N	45.46 0.85 -7.33 N	81.66 0.89 -6.47 N	48.67 0.30 -18.99 N	56.44 0.85 -1.93 N	92.61 1.60 0.00 N	18.79 0.02 0.00 N	75.52 0.75 0.00 N	71.14 -1.10 -0.10 N
GREENIDGE___4 23583	110.13 -2.15 -1.15 N	33.32 -0.19 -0.54 N	41.21 -0.61 -0.89 N	38.39 -0.84 -2.40 N	29.57 0.01 -8.29 N	56.41 0.24 0.00 N	193.05 5.04 -0.19 N	165.39 5.04 0.00 N	150.44 5.01 0.00 N	170.98 6.44 0.00 N	224.16 7.79 -0.33 N	60.83 1.15 -18.09 N	44.80 1.03 -8.82 N	43.24 0.98 -10.32 N	39.13 0.53 -23.18 N	39.33 0.87 -12.58 N	45.46 0.85 -7.33 N	81.66 0.89 -6.47 N	48.67 0.30 -18.99 N	56.44 0.85 -1.93 N	92.61 1.60 0.00 N	18.79 0.02 0.00 N	75.52 0.75 0.00 N	71.14 -1.10 -0.10 N
GROVEVILLE___HYD 323602	125.26 8.20 -5.92 N	38.14 2.40 -2.77 N	48.36 2.83 -4.60 N	51.62 2.44 -12.35 N	65.45 1.46 -42.73 N	60.37 4.21 0.00 N	204.37 15.56 -0.99 N	173.40 13.04 0.00 N	158.18 12.75 0.00 N	179.02 14.48 0.00 N	237.21 19.38 -1.79 N	142.55 3.80 -97.16 N	85.53 3.35 -47.23 N	90.04 3.04 -55.06 N	140.58 1.47 -123.68 N	95.61 2.48 -67.25 N	80.12 3.59 -39.25 N	116.14 7.19 -34.65 N	133.72 2.69 -101.65 N	69.11 5.12 -10.32 N	100.28 9.27 0.00 N	20.61 1.84 0.00 N	81.49 6.72 0.00 N	78.76 6.07 -0.55 N
HAMPSHIRE___PAPER_HYD 323593	104.53 -6.61 0.00 N	30.97 -2.01 0.00 N	38.41 -2.52 0.00 N	34.58 -2.25 0.00 N	19.97 -1.29 0.00 N	52.86 -3.30 0.00 N	177.76 -10.06 0.00 N	152.94 -7.41 0.00 N	138.54 -6.89 0.00 N	156.74 -7.80 0.00 N	205.91 -10.13 0.00 N	39.51 -2.08 0.00 N	33.13 -1.82 0.00 N	30.30 -1.65 0.00 N	14.65 -0.77 0.00 N	24.51 -1.37 0.00 N	35.31 -1.97 0.00 N	70.26 -4.04 0.00 N	27.85 -1.54 0.00 N	50.89 -2.78 0.00 N	86.54 -4.47 0.00 N	17.93 -0.84 0.00 N	70.60 -4.17 0.00 N	67.81 -4.33 0.00 N
HARZA MOOSE___RIVER 24016	108.15 -2.98 0.00 N	32.08 -0.89 0.00 N	39.74 -1.18 0.00 N	35.75 -1.09 0.00 N	20.70 -0.56 0.00 N	54.89 -1.28 0.00 N	185.13 -2.69 0.00 N	159.14 -1.21 0.00 N	144.49 -0.94 0.00 N	163.59 -0.95 0.00 N	214.81 -1.23 0.00 N	41.30 -0.30 0.00 N	34.64 -0.31 0.00 N	31.64 -0.30 0.00 N	15.28 -0.14 0.00 N	25.58 -0.30 0.00 N	36.81 -0.47 0.00 N	73.27 -1.03 0.00 N	29.00 -0.38 0.00 N	53.00 -0.67 0.00 N	90.30 -0.72 0.00 N	18.63 -0.14 0.00 N	73.58 -1.18 0.00 N	70.63 -1.51 0.00 N
HEMPSTEAD___ 23647	127.42 10.36 -5.92 N	38.75 3.00 -2.77 N	49.05 3.52 -4.60 N	52.20 3.02 -12.35 N	65.77 1.79 -42.72 N	61.46 5.29 0.00 N	207.97 19.16 -0.99 N	181.54 16.56 -4.63 N	160.95 15.52 0.00 N	182.48 17.94 0.00 N	241.02 23.19 -1.79 N	143.64 4.59 -97.46 N	109.67 4.24 -70.48 N	118.44 3.87 -82.63 N	138.17 1.81 -120.94 N	95.74 3.08 -66.78 N	83.95 4.57 -42.10 N	117.20 9.05 -33.86 N	131.66 3.18 -99.10 N	79.09 6.26 -19.17 N	105.44 11.48 -2.95 N	24.58 2.29 -3.52 N	105.46 8.82 -21.87 N	86.20 7.99 -6.07 N
HICKLING___1 23621	115.02 2.48 -1.40 N	34.57 0.93 -0.66 N	42.83 0.82 -1.09 N	40.38 0.62 -2.92 N	32.08 0.72 -10.11 N	58.92 2.75 0.00 N	203.28 15.22 -0.23 N	173.62 13.27 0.00 N	157.57 12.14 0.00 N	179.75 15.21 0.00 N	234.66 18.21 -0.41 N	67.06 3.03 -22.44 N	48.24 2.34 -10.94 N	46.94 2.20 -12.79 N	45.24 1.07 -28.74 N	43.26 1.79 -15.60 N	48.84 2.48 -9.09 N	87.27 4.95 -8.02 N	54.75 1.83 -23.54 N	59.50 3.45 -2.39 N	97.49 6.48 0.00 N	19.64 0.87 0.00 N	79.67 4.91 0.00 N	74.61 2.34 -0.13 N
HICKLING___2 23622	115.02 2.48 -1.40 N	34.57 0.93 -0.66 N	42.83 0.82 -1.09 N	40.38 0.62 -2.92 N	32.08 0.72 -10.11 N	58.92 2.75 0.00 N	203.28 15.22 -0.23 N	173.62 13.27 0.00 N	157.57 12.14 0.00 N	179.75 15.21 0.00 N	234.66 18.21 -0.41 N	67.06 3.03 -22.44 N	48.24 2.34 -10.94 N	46.94 2.20 -12.79 N	45.24 1.07 -28.74 N	43.26 1.79 -15.60 N	48.84 2.48 -9.09 N	87.27 4.95 -8.02 N	54.75 1.83 -23.54 N	59.50 3.45 -2.39 N	97.49 6.48 0.00 N	19.64 0.87 0.00 N	79.67 4.91 0.00 N	74.61 2.34 -0.13 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
HIGH FALLS___HY 23754	126.68 9.73 -5.82 N	38.43 2.73 -2.72 N	48.74 3.30 -4.52 N	51.84 2.89 -12.12 N	64.90 1.70 -41.95 N	61.16 5.00 0.00 N	207.34 18.55 -0.97 N	176.06 15.71 0.00 N	160.30 14.87 0.00 N	180.59 16.05 0.00 N	239.87 22.08 -1.76 N	141.65 4.27 -95.79 N	85.35 3.76 -46.64 N	89.88 3.50 -54.44 N	139.39 1.67 -122.30 N	95.02 2.80 -66.34 N	79.90 3.97 -38.65 N	116.54 8.12 -34.13 N	132.58 3.08 -100.11 N	69.67 5.84 -10.17 N	101.19 10.17 0.00 N	20.78 2.02 0.00 N	81.95 7.18 0.00 N	79.23 6.55 -0.54 N	
HILLBURN___GT 23639	126.65 9.78 -5.73 N	38.47 2.82 -2.68 N	48.73 3.35 -4.45 N	51.68 2.90 -11.95 N	64.30 1.69 -41.35 N	61.14 4.97 0.00 N	207.47 18.69 -0.95 N	175.83 15.48 0.00 N	160.41 14.98 0.00 N	181.61 17.07 0.00 N	240.41 22.64 -1.73 N	140.31 4.42 -94.30 N	83.72 3.72 -45.04 N	86.79 3.18 -51.67 N	133.04 1.55 -116.06 N	91.51 2.62 -63.01 N	77.84 3.84 -36.73 N	114.41 7.68 -32.43 N	127.37 2.86 -95.14 N	68.82 5.49 -9.66 N	101.09 10.07 0.00 N	20.78 2.01 0.00 N	82.13 7.36 0.00 N	79.31 6.65 -0.52 N	
HOLTSVILLE_IC_1 23690	129.76 12.69 -5.92 N	39.46 3.71 -2.77 N	49.87 4.34 -4.60 N	52.92 3.73 -12.35 N	66.22 2.24 -42.72 N	62.67 6.51 0.00 N	212.85 24.04 -0.99 N	185.88 20.90 -4.63 N	162.76 17.33 0.00 N	184.40 19.86 0.00 N	241.01 23.18 -1.79 N	143.72 4.67 -97.46 N	109.98 4.55 -70.48 N	118.71 4.16 -82.60 N	138.23 1.87 -120.94 N	93.84 3.24 -64.72 N	80.17 4.90 -37.99 N	117.59 9.57 -33.72 N	131.72 3.24 -99.10 N	63.05 6.72 -2.66 N	101.03 12.41 2.40 N	18.74 2.56 2.58 N	107.12 10.48 -21.87 N	88.03 9.81 -6.07 N	
HOLTSVILLE_IC_10 23699	130.91 13.85 -5.92 N	39.79 4.04 -2.77 N	50.26 4.74 -4.60 N	53.27 4.09 -12.35 N	66.44 2.46 -42.72 N	63.29 7.12 0.00 N	215.24 26.43 -0.99 N	188.04 23.06 -4.63 N	164.45 19.02 0.00 N	186.40 21.86 0.00 N	243.41 25.59 -1.79 N	144.21 5.15 -97.46 N	110.41 4.98 -70.48 N	119.10 4.55 -82.60 N	138.42 2.06 -120.94 N	94.20 3.56 -64.76 N	80.71 5.36 -38.07 N	118.53 10.50 -33.73 N	132.10 3.61 -99.10 N	64.05 7.41 -2.97 N	102.41 13.69 2.30 N	19.12 2.82 2.47 N	108.10 11.46 -21.87 N	88.87 10.65 -6.07 N	
HOLTSVILLE_IC_2 23691	129.76 12.69 -5.92 N	39.46 3.71 -2.77 N	49.87 4.34 -4.60 N	52.92 3.73 -12.35 N	66.22 2.24 -42.72 N	62.67 6.51 0.00 N	212.85 24.04 -0.99 N	185.88 20.90 -4.63 N	162.76 17.33 0.00 N	184.40 19.86 0.00 N	241.01 23.18 -1.79 N	143.72 4.67 -97.46 N	109.98 4.55 -70.48 N	118.71 4.16 -82.60 N	138.23 1.87 -120.94 N	93.84 3.24 -64.72 N	80.17 4.90 -37.99 N	117.59 9.57 -33.72 N	131.72 3.24 -99.10 N	63.05 6.72 -2.66 N	101.03 12.41 2.40 N	18.74 2.56 2.58 N	107.12 10.48 -21.87 N	88.03 9.81 -6.07 N	
HOLTSVILLE_IC_3 23692	129.76 12.69 -5.92 N	39.46 3.71 -2.77 N	49.87 4.34 -4.60 N	52.92 3.73 -12.35 N	66.22 2.24 -42.72 N	62.67 6.51 0.00 N	212.85 24.04 -0.99 N	185.88 20.90 -4.63 N	162.76 17.33 0.00 N	184.40 19.86 0.00 N	241.01 23.18 -1.79 N	143.72 4.67 -97.46 N	109.98 4.55 -70.48 N	118.71 4.16 -82.60 N	138.23 1.87 -120.94 N	93.84 3.24 -64.72 N	80.17 4.90 -37.99 N	117.59 9.57 -33.72 N	131.72 3.24 -99.10 N	63.05 6.72 -2.66 N	101.03 12.41 2.40 N	18.74 2.56 2.58 N	107.12 10.48 -21.87 N	88.03 9.81 -6.07 N	
HOLTSVILLE_IC_4 23693	129.76 12.69 -5.92 N	39.46 3.71 -2.77 N	49.87 4.34 -4.60 N	52.92 3.73 -12.35 N	66.22 2.24 -42.72 N	62.67 6.51 0.00 N	212.85 24.04 -0.99 N	185.88 20.90 -4.63 N	162.76 17.33 0.00 N	184.40 19.86 0.00 N	241.01 23.18 -1.79 N	143.72 4.67 -97.46 N	109.98 4.55 -70.48 N	118.71 4.16 -82.60 N	138.23 1.87 -120.94 N	93.84 3.24 -64.72 N	80.17 4.90 -37.99 N	117.59 9.57 -33.72 N	131.72 3.24 -99.10 N	63.05 6.72 -2.66 N	101.03 12.41 2.40 N	18.74 2.56 2.58 N	107.12 10.48 -21.87 N	88.03 9.81 -6.07 N	
HOLTSVILLE_IC_5 23694	129.76 12.69 -5.92 N	39.46 3.71 -2.77 N	49.87 4.34 -4.60 N	52.92 3.73 -12.35 N	66.22 2.24 -42.72 N	62.67 6.51 0.00 N	212.85 24.04 -0.99 N	185.88 20.90 -4.63 N	162.76 17.33 0.00 N	184.40 19.86 0.00 N	241.01 23.18 -1.79 N	143.72 4.67 -97.46 N	109.98 4.55 -70.48 N	118.71 4.16 -82.60 N	138.23 1.87 -120.94 N	93.84 3.24 -64.72 N	80.17 4.90 -37.99 N	117.59 9.57 -33.72 N	131.72 3.24 -99.10 N	63.05 6.72 -2.66 N	101.03 12.41 2.40 N	18.74 2.56 2.58 N	107.12 10.48 -21.87 N	88.03 9.81 -6.07 N	
HOLTSVILLE_IC_6 23695	130.91 13.85 -5.92 N	39.79 4.04 -2.77 N	50.26 4.74 -4.60 N	53.27 4.09 -12.35 N	66.44 2.46 -42.72 N	63.29 7.12 0.00 N	215.24 26.43 -0.99 N	188.04 23.06 -4.63 N	164.45 19.02 0.00 N	186.40 21.86 0.00 N	243.41 25.59 -1.79 N	144.21 5.15 -97.46 N	110.41 4.98 -70.48 N	119.10 4.55 -82.60 N	138.42 2.06 -120.94 N	94.20 3.56 -64.76 N	80.71 5.36 -38.07 N	118.53 10.50 -33.73 N	132.10 3.61 -99.10 N	64.05 7.41 -2.97 N	102.41 13.69 2.30 N	19.12 2.82 2.47 N	108.10 11.46 -21.87 N	88.87 10.65 -6.07 N	
HOLTSVILLE_IC_7 23696	130.91 13.85 -5.92 N	39.79 4.04 -2.77 N	50.26 4.74 -4.60 N	53.27 4.09 -12.35 N	66.44 2.46 -42.72 N	63.29 7.12 0.00 N	215.24 26.43 -0.99 N	188.04 23.06 -4.63 N	164.45 19.02 0.00 N	186.40 21.86 0.00 N	243.41 25.59 -1.79 N	144.21 5.15 -97.46 N	110.41 4.98 -70.48 N	119.10 4.55 -82.60 N	138.42 2.06 -120.94 N	94.20 3.56 -64.76 N	80.71 5.36 -38.07 N	118.53 10.50 -33.73 N	132.10 3.61 -99.10 N	64.05 7.41 -2.97 N	102.41 13.69 2.30 N	19.12 2.82 2.47 N	108.10 11.46 -21.87 N	88.87 10.65 -6.07 N	
HOLTSVILLE_IC_8 23697	130.91 13.85 -5.92 N	39.79 4.04 -2.77 N	50.26 4.74 -4.60 N	53.27 4.09 -12.35 N	66.44 2.46 -42.72 N	63.29 7.12 0.00 N	215.24 26.43 -0.99 N	188.04 23.06 -4.63 N	164.45 19.02 0.00 N	186.40 21.86 0.00 N	243.41 25.59 -1.79 N	144.21 5.15 -97.46 N	110.41 4.98 -70.48 N	119.10 4.55 -82.60 N	138.42 2.06 -120.94 N	94.20 3.56 -64.76 N	80.71 5.36 -38.07 N	118.53 10.50 -33.73 N	132.10 3.61 -99.10 N	64.05 7.41 -2.97 N	102.41 13.69 2.30 N	19.12 2.82 2.47 N	108.10 11.46 -21.87 N	88.87 10.65 -6.07 N	
HOLTSVILLE_IC_9 23698	130.91 13.85 -5.92 N	39.79 4.04 -2.77 N	50.26 4.74 -4.60 N	53.27 4.09 -12.35 N	66.44 2.46 -42.72 N	63.29 7.12 0.00 N	215.24 26.43 -0.99 N	188.04 23.06 -4.63 N	164.45 19.02 0.00 N	186.40 21.86 0.00 N	243.41 25.59 -1.79 N	144.21 5.15 -97.46 N	110.41 4.98 -70.48 N	119.10 4.55 -82.60 N	138.42 2.06 -120.94 N	94.20 3.56 -64.76 N	80.71 5.36 -38.07 N	118.53 10.50 -33.73 N	132.10 3.61 -99.10 N	64.05 7.41 -2.97 N	102.41 13.69 2.30 N	19.12 2.82 2.47 N	108.10 11.46 -21.87 N	88.87 10.65 -6.07 N	
HQ_GEN_CEDARS 23644	106.90 -4.24 0.00 N	31.68 -1.29 0.00 N	39.39 -1.54 0.00 N	35.49 -1.34 0.00 N	20.44 -0.82 0.00 N	53.75 -2.42 0.00 N	179.09 -8.73 0.00 N	153.09 -7.26 0.00 N	138.14 -7.29 0.00 N	156.06 -8.48 0.00 N	204.56 -11.48 0.00 N	39.19 -2.40 0.00 N	32.93 -2.02 0.00 N	30.16 -1.78 0.00 N	14.61 -0.81 0.00 N	24.54 -1.34 0.00 N	35.33 -1.95 0.00 N	70.37 -3.93 0.00 N	27.89 -1.49 0.00 N	50.99 -2.67 0.00 N	86.10 -4.92 0.00 N	17.86 -0.91 0.00 N	71.05 -3.71 0.00 N	68.48 -3.66 0.00 N	
HQ_GEN_IMPORT	88.07	32.48	40.39	36.38	20.92	55.13	50.00	65.90	78.00	160.38	210.43	40.56	0.00	31.13	15.02	25.25	36.36	72.44	28.70	52.40	88.50	78.00	73.08	70.83	



323601	-0.73 -17.76 N	-0.49 0.00 N	-0.54 0.00 N	-0.45 0.00 N	-0.34 0.00 N	-1.04 0.00 N	-1.48 2.12 N	-1.95 7.26 N	-8.04 200.96 N	-4.16 0.00 N	-5.61 0.00 N	-1.02 0.00 N	-0.46 18.00 N	-0.82 0.00 N	-0.40 0.00 N	-0.63 0.00 N	-0.92 0.00 N	-1.85 0.00 N	-0.69 0.00 N	-1.26 0.00 N	-2.52 0.00 N	-2.44 0.88 N	-1.69 0.00 N	-1.31 0.00 N
HQ_GEN_WHEEL 23651	109.63 -1.51 0.00 N	32.48 -0.49 0.00 N	40.39 -0.54 0.00 N	36.38 -0.45 0.00 N	20.92 -0.34 0.00 N	55.13 -1.04 0.00 N	183.39 -4.43 0.00 N	65.90 -1.95 7.26 N	90.41 -8.04 188.54 N	160.38 -4.16 0.00 N	210.43 -5.61 0.00 N	40.56 -1.02 0.00 N	7.03 -0.46 10.97 N	31.13 -0.82 0.00 N	15.02 -0.40 0.00 N	25.25 -0.63 0.00 N	36.36 -0.92 0.00 N	72.44 -1.85 0.00 N	28.70 -0.69 0.00 N	52.40 -1.26 0.00 N	88.50 -2.52 0.00 N	18.31 -0.46 0.00 N	73.08 -1.69 0.00 N	70.83 -1.31 0.00 N
HUDSON AVE_GT_3 23810	126.56 9.50 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.79 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.72 17.91 -0.99 N	175.26 14.91 0.00 N	160.30 14.87 0.00 N	181.83 17.29 0.00 N	240.74 22.92 -1.79 N	143.57 4.52 -97.46 N	85.60 3.90 -46.75 N	89.27 3.49 -53.83 N	138.03 1.68 -120.92 N	94.36 2.84 -65.63 N	79.71 4.17 -38.26 N	116.35 8.27 -33.78 N	131.52 3.04 -99.09 N	69.46 5.73 -10.06 N	101.53 10.52 0.00 N	20.84 2.07 0.00 N	82.60 7.84 0.00 N	79.77 7.09 -0.54 N
HUDSON AVE_GT_4 23540	126.56 9.50 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.79 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.72 17.91 -0.99 N	175.26 14.91 0.00 N	160.30 14.87 0.00 N	181.83 17.29 0.00 N	240.74 22.92 -1.79 N	143.57 4.52 -97.46 N	85.60 3.90 -46.75 N	89.27 3.49 -53.83 N	138.03 1.68 -120.92 N	94.36 2.84 -65.63 N	79.71 4.17 -38.26 N	116.35 8.27 -33.78 N	131.52 3.04 -99.09 N	69.46 5.73 -10.06 N	101.53 10.52 0.00 N	20.84 2.07 0.00 N	82.60 7.84 0.00 N	79.77 7.09 -0.54 N
HUDSON AVE_GT_5 23657	126.56 9.50 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.79 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.72 17.91 -0.99 N	175.26 14.91 0.00 N	160.30 14.87 0.00 N	181.83 17.29 0.00 N	240.74 22.92 -1.79 N	143.57 4.52 -97.46 N	85.60 3.90 -46.75 N	89.27 3.49 -53.83 N	138.03 1.68 -120.92 N	94.36 2.84 -65.63 N	79.71 4.17 -38.26 N	116.35 8.27 -33.78 N	131.52 3.04 -99.09 N	69.46 5.73 -10.06 N	101.53 10.52 0.00 N	20.84 2.07 0.00 N	82.60 7.84 0.00 N	79.77 7.09 -0.54 N
HUDSON_AVE_10 24168	126.64 9.58 -5.92 N	38.54 2.80 -2.77 N	48.82 3.29 -4.60 N	51.99 2.81 -12.35 N	65.62 1.64 -42.72 N	61.05 4.88 0.00 N	206.91 18.10 -0.99 N	175.23 14.87 0.00 N	160.43 15.00 0.00 N	182.15 17.60 0.00 N	241.02 23.19 -1.79 N	143.63 4.58 -97.46 N	85.66 3.96 -46.75 N	89.33 3.55 -53.83 N	138.06 1.72 -120.92 N	94.42 2.90 -65.63 N	79.81 4.28 -38.26 N	116.55 8.47 -33.78 N	131.59 3.11 -99.09 N	69.65 5.92 -10.06 N	101.87 10.86 0.00 N	20.92 2.16 0.00 N	82.91 8.15 0.00 N	80.01 7.33 -0.54 N
HUNTER MOUNT___DRP 323613	127.43 9.82 -6.47 N	38.81 2.81 -3.03 N	49.40 3.45 -5.03 N	53.41 3.08 -13.50 N	69.78 1.82 -46.70 N	61.31 5.14 0.00 N	207.46 18.56 -1.08 N	176.10 15.75 0.00 N	160.51 15.08 0.00 N	181.72 17.18 0.00 N	240.58 22.58 -1.97 N	152.88 4.38 -106.91 N	90.55 3.62 -51.98 N	95.83 3.29 -60.59 N	153.13 1.59 -136.12 N	102.27 2.67 -73.72 N	84.07 3.88 -42.91 N	119.96 7.78 -37.88 N	143.49 2.97 -111.14 N	70.52 5.57 -11.29 N	100.68 9.67 0.00 N	20.74 1.97 0.00 N	81.70 6.94 0.00 N	78.99 6.26 -0.59 N
HUNTLEY___63 23557	103.07 -8.92 -0.85 N	31.13 -2.24 -0.40 N	38.48 -3.10 -0.66 N	35.80 -2.80 -1.76 N	26.00 -1.37 -6.11 N	52.28 -3.88 0.00 N	177.24 -10.72 -0.14 N	150.27 -10.08 0.00 N	137.32 -8.11 0.00 N	156.69 -7.85 0.00 N	205.46 -10.82 -0.25 N	52.87 -2.42 -13.70 N	39.79 -1.84 -6.68 N	38.06 -1.70 -7.81 N	32.18 -0.79 -17.55 N	33.87 -1.53 -9.52 N	40.45 -2.39 -5.56 N	74.03 -5.17 -4.91 N	41.80 -1.99 -14.41 N	51.05 -4.08 -1.46 N	84.66 -6.35 0.00 N	17.20 -1.57 0.00 N	69.65 -5.11 0.00 N	66.59 -5.63 -0.08 N
HUNTLEY___64 23558	103.07 -8.92 -0.85 N	31.13 -2.24 -0.40 N	38.48 -3.10 -0.66 N	35.80 -2.80 -1.76 N	26.00 -1.37 -6.11 N	52.28 -3.88 0.00 N	177.24 -10.72 -0.14 N	150.27 -10.08 0.00 N	137.32 -8.11 0.00 N	156.69 -7.85 0.00 N	205.46 -10.82 -0.25 N	52.87 -2.42 -13.70 N	39.79 -1.84 -6.68 N	38.06 -1.70 -7.81 N	32.18 -0.79 -17.55 N	33.87 -1.53 -9.52 N	40.45 -2.39 -5.56 N	74.03 -5.17 -4.91 N	41.80 -1.99 -14.41 N	51.05 -4.08 -1.46 N	84.66 -6.35 0.00 N	17.20 -1.57 0.00 N	69.65 -5.11 0.00 N	66.59 -5.63 -0.08 N
HUNTLEY___65 23559	103.07 -8.92 -0.85 N	31.13 -2.24 -0.40 N	38.48 -3.10 -0.66 N	35.80 -2.80 -1.76 N	26.00 -1.37 -6.11 N	52.28 -3.88 0.00 N	177.24 -10.72 -0.14 N	150.27 -10.08 0.00 N	137.32 -8.11 0.00 N	156.69 -7.85 0.00 N	205.46 -10.82 -0.25 N	52.87 -2.42 -13.70 N	39.79 -1.84 -6.68 N	38.06 -1.70 -7.81 N	32.18 -0.79 -17.55 N	33.87 -1.53 -9.52 N	40.45 -2.39 -5.56 N	74.03 -5.17 -4.91 N	41.80 -1.99 -14.41 N	51.05 -4.08 -1.46 N	84.66 -6.35 0.00 N	17.20 -1.57 0.00 N	69.65 -5.11 0.00 N	66.59 -5.63 -0.08 N
HUNTLEY___66 23560	103.07 -8.92 -0.85 N	31.13 -2.24 -0.40 N	38.48 -3.10 -0.66 N	35.80 -2.80 -1.76 N	26.00 -1.37 -6.11 N	52.28 -3.88 0.00 N	177.24 -10.72 -0.14 N	150.27 -10.08 0.00 N	137.32 -8.11 0.00 N	156.69 -7.85 0.00 N	205.46 -10.82 -0.25 N	52.87 -2.42 -13.70 N	39.79 -1.84 -6.68 N	38.06 -1.70 -7.81 N	32.18 -0.79 -17.55 N	33.87 -1.53 -9.52 N	40.45 -2.39 -5.56 N	74.03 -5.17 -4.91 N	41.80 -1.99 -14.41 N	51.05 -4.08 -1.46 N	84.66 -6.35 0.00 N	17.20 -1.57 0.00 N	69.65 -5.11 0.00 N	66.59 -5.63 -0.08 N
HUNTLEY___67 23561	101.40 -10.60 -0.87 N	30.64 -2.74 -0.41 N	37.87 -3.73 -0.67 N	35.28 -3.37 -1.81 N	25.84 -1.70 -6.27 N	51.39 -4.78 0.00 N	174.09 -13.88 -0.14 N	147.51 -12.84 0.00 N	134.75 -10.68 0.00 N	153.71 -10.83 0.00 N	201.42 -14.88 -0.26 N	52.47 -3.20 -14.08 N	39.32 -2.50 -6.87 N	37.67 -2.29 -8.03 N	32.38 -1.07 -18.03 N	33.68 -1.98 -9.79 N	39.96 -3.03 -5.72 N	72.91 -6.43 -5.05 N	41.68 -2.50 -14.80 N	50.17 -4.99 -1.50 N	83.04 -7.97 0.00 N	16.83 -1.94 0.00 N	68.44 -6.32 0.00 N	65.42 -6.80 -0.08 N
HUNTLEY___68 23562	101.40 -10.60 -0.87 N	30.64 -2.74 -0.41 N	37.87 -3.73 -0.67 N	35.28 -3.37 -1.81 N	25.84 -1.70 -6.27 N	51.39 -4.78 0.00 N	174.09 -13.88 -0.14 N	147.51 -12.84 0.00 N	134.75 -10.68 0.00 N	153.71 -10.83 0.00 N	201.42 -14.88 -0.26 N	52.47 -3.20 -14.08 N	39.32 -2.50 -6.87 N	37.67 -2.29 -8.03 N	32.38 -1.07 -18.03 N	33.68 -1.98 -9.79 N	39.96 -3.03 -5.72 N	72.91 -6.43 -5.05 N	41.68 -2.50 -14.80 N	50.17 -4.99 -1.50 N	83.04 -7.97 0.00 N	16.83 -1.94 0.00 N	68.44 -6.32 0.00 N	65.42 -6.80 -0.08 N
INDECK___CORINTH 23802	117.40 -1.34 -7.60 N	35.87 -0.65 -3.55 N	46.29 -0.54 -5.90 N	52.33 -0.36 -15.85 N	75.88 -0.21 -54.82 N	55.52 -0.64 0.00 N	188.29 -0.80 -1.26 N	159.77 -0.58 0.00 N	144.99 -0.44 0.00 N	163.93 -0.61 0.00 N	218.87 0.54 -2.30 N	166.81 0.16 -125.06 N	95.59 -0.16 -60.79 N	102.63 -0.17 -70.86 N	174.56 -0.04 -159.18 N	112.05 -0.21 -86.38 N	87.29 -0.33 -50.34 N	118.27 -0.48 -44.45 N	159.73 -0.04 -130.38 N	66.71 -0.20 -13.24 N	90.64 -0.38 0.00 N	18.84 0.07 0.00 N	74.27 -0.50 0.00 N	72.32 -0.53 -0.71 N



INDECK____ILION 23567	114.13 3.12 0.12 N	33.83 0.91 0.06 N	41.91 1.08 0.10 N	37.57 1.00 0.26 N	20.98 0.62 0.90 N	57.91 1.75 0.00 N	194.50 6.70 0.02 N	166.20 5.85 0.00 N	150.90 5.48 0.00 N	171.00 6.45 0.00 N	224.62 8.62 0.04 N	41.12 1.66 2.13 N	35.21 1.30 1.05 N	31.91 1.18 1.22 N	13.29 0.59 2.72 N	25.36 0.96 1.48 N	37.83 1.42 0.86 N	76.38 2.85 0.76 N	28.25 1.10 2.23 N	55.47 2.03 0.23 N	94.75 3.73 0.00 N	19.50 0.73 0.00 N	77.40 2.63 0.00 N	74.39 2.26 0.01 N
INDECK____OLEAN 23982	110.80 -1.35 -1.01 N	33.04 -0.41 -0.47 N	40.77 -0.94 -0.78 N	38.04 -0.90 -2.10 N	28.33 -0.21 -7.28 N	56.34 0.17 0.00 N	194.31 6.32 -0.17 N	166.23 5.88 0.00 N	151.99 6.56 0.00 N	173.61 9.07 0.00 N	226.17 9.83 -0.30 N	59.26 1.28 -16.39 N	43.84 0.89 -7.99 N	42.12 0.83 -9.34 N	36.87 0.46 -20.99 N	37.91 0.64 -11.39 N	44.62 0.70 -6.65 N	81.19 1.02 -5.87 N	46.88 0.27 -17.22 N	55.69 0.28 -1.75 N	93.12 2.10 0.00 N	18.90 0.13 0.00 N	76.10 1.34 0.00 N	71.49 -0.74 -0.09 N
INDECK____OSWEGO 23783	110.78 -0.87 -0.52 N	32.93 -0.29 -0.24 N	40.79 -0.53 -0.40 N	37.34 -0.57 -1.08 N	24.81 -0.19 -3.74 N	55.94 -0.23 0.00 N	189.45 1.54 -0.09 N	162.55 2.20 0.00 N	147.91 2.48 0.00 N	167.82 3.28 0.00 N	220.56 4.37 -0.15 N	50.61 0.77 -8.25 N	39.59 0.62 -4.02 N	37.23 0.58 -4.71 N	26.27 0.26 -10.58 N	32.01 0.38 -5.74 N	41.16 0.53 -3.35 N	78.24 0.99 -2.96 N	38.47 0.41 -8.67 N	55.28 0.74 -0.88 N	92.77 1.75 0.00 N	19.09 0.32 0.00 N	75.40 0.63 0.00 N	72.11 -0.08 -0.05 N
INDECK____YERKES 23781	103.07 -8.92 -0.85 N	31.13 -2.24 -0.40 N	38.48 -3.10 -0.66 N	35.80 -2.80 -1.76 N	26.00 -1.37 -6.11 N	52.28 -3.88 0.00 N	177.24 -10.72 -0.14 N	150.27 13.68 0.00 N	137.32 -8.11 0.00 N	156.69 -7.85 0.00 N	205.46 -10.82 -0.25 N	52.87 -2.42 -13.70 N	39.79 -1.84 -6.68 N	38.06 -1.70 -7.81 N	32.18 -0.79 -17.55 N	33.87 -1.53 -9.52 N	40.45 -2.39 -5.56 N	74.03 -5.17 -4.91 N	41.80 -1.99 -14.41 N	51.05 -4.08 -1.46 N	84.66 -6.35 0.00 N	17.20 -1.57 0.00 N	69.65 -5.11 0.00 N	66.59 -5.63 -0.08 N
INDIAN POINT_GT_1 24139	125.75 8.69 -5.91 N	38.25 2.51 -2.76 N	48.53 3.01 -4.59 N	51.74 2.58 -12.32 N	65.42 1.52 -42.64 N	60.61 4.44 0.00 N	205.33 16.52 -0.98 N	174.03 13.68 0.00 N	158.82 13.39 0.00 N	179.83 15.29 0.00 N	238.19 20.37 -1.79 N	142.87 4.01 -97.27 N	84.91 3.42 -46.53 N	88.40 3.00 -53.46 N	136.96 1.45 -120.09 N	93.52 2.46 -65.18 N	78.87 3.60 -38.00 N	115.01 7.16 -33.55 N	130.45 2.65 -98.41 N	68.73 5.07 -9.99 N	100.30 9.28 0.00 N	20.62 1.85 0.00 N	81.60 6.83 0.00 N	78.86 6.19 -0.53 N
INDIAN POINT_GT_2 23659	125.75 8.69 -5.91 N	38.25 2.51 -2.76 N	48.53 3.01 -4.59 N	51.74 2.58 -12.32 N	65.42 1.52 -42.64 N	60.61 4.44 0.00 N	205.33 16.52 -0.98 N	174.03 13.68 0.00 N	158.82 13.39 0.00 N	179.83 15.29 0.00 N	238.19 20.37 -1.79 N	142.87 4.01 -97.27 N	84.91 3.42 -46.53 N	88.40 3.00 -53.46 N	136.96 1.45 -120.09 N	93.52 2.46 -65.18 N	78.87 3.60 -38.00 N	115.01 7.16 -33.55 N	130.45 2.65 -98.41 N	68.73 5.07 -9.99 N	100.30 9.28 0.00 N	20.62 1.85 0.00 N	81.60 6.83 0.00 N	78.86 6.19 -0.53 N
INDIAN POINT_GT_3 24019	125.75 8.69 -5.91 N	38.25 2.51 -2.76 N	48.53 3.01 -4.59 N	51.74 2.58 -12.32 N	65.42 1.52 -42.64 N	60.61 4.44 0.00 N	205.33 16.52 -0.98 N	174.03 13.68 0.00 N	158.82 13.39 0.00 N	179.83 15.29 0.00 N	238.19 20.37 -1.79 N	142.87 4.01 -97.27 N	84.91 3.42 -46.53 N	88.40 3.00 -53.46 N	136.96 1.45 -120.09 N	93.52 2.46 -65.18 N	78.87 3.60 -38.00 N	115.01 7.16 -33.55 N	130.45 2.65 -98.41 N	68.73 5.07 -9.99 N	100.30 9.28 0.00 N	20.62 1.85 0.00 N	81.60 6.83 0.00 N	78.86 6.19 -0.53 N
INDIAN POINT____2 23530	125.62 8.60 -5.89 N	38.21 2.48 -2.75 N	48.45 2.96 -4.57 N	51.64 2.54 -12.27 N	65.21 1.49 -42.46 N	60.55 4.39 0.00 N	205.16 16.36 -0.98 N	173.85 13.50 0.00 N	158.64 13.21 0.00 N	179.62 15.08 0.00 N	237.91 20.09 -1.78 N	142.38 3.94 -96.85 N	84.49 3.36 -46.18 N	87.73 2.90 -52.88 N	135.63 1.41 -118.80 N	92.76 2.39 -64.48 N	78.37 3.50 -37.59 N	114.47 6.99 -33.19 N	129.32 2.58 -97.35 N	68.51 4.96 -9.89 N	100.10 9.09 0.00 N	20.58 1.81 0.00 N	81.43 6.67 0.00 N	78.71 6.04 -0.53 N
INDIAN POINT____3 23531	125.41 8.36 -5.91 N	38.15 2.41 -2.77 N	48.40 2.89 -4.59 N	51.64 2.47 -12.33 N	65.37 1.45 -42.65 N	60.44 4.28 0.00 N	204.72 15.91 -0.98 N	173.45 13.10 0.00 N	158.26 12.83 0.00 N	179.21 14.67 0.00 N	237.36 19.53 -1.79 N	142.73 3.85 -97.29 N	84.78 3.28 -46.55 N	88.29 2.86 -53.49 N	136.96 1.39 -120.15 N	93.45 2.36 -65.21 N	78.74 3.45 -38.02 N	114.72 6.86 -33.56 N	130.38 2.54 -98.46 N	68.52 4.86 -10.00 N	99.92 8.91 0.00 N	20.54 1.77 0.00 N	81.30 6.53 0.00 N	78.59 5.91 -0.53 N
IP CORINTH____1 23988	117.01 -1.73 -7.60 N	35.71 -0.82 -3.55 N	46.07 -0.76 -5.90 N	52.11 -0.57 -15.85 N	75.74 -0.35 -54.82 N	55.10 -1.07 0.00 N	186.61 -2.48 -1.26 N	158.63 -1.72 0.00 N	144.21 -1.22 0.00 N	163.14 -1.39 0.00 N	217.84 -0.50 -2.30 N	166.64 -0.02 -125.06 N	95.44 -0.30 -60.79 N	102.49 -0.32 -70.86 N	174.49 -0.11 -159.18 N	111.93 -0.33 -86.38 N	87.11 -0.51 -50.34 N	117.89 -0.85 -44.45 N	159.59 -0.18 -130.38 N	66.45 -0.46 -13.24 N	90.18 -0.84 0.00 N	18.77 0.01 0.00 N	74.04 -0.72 0.00 N	72.10 -0.75 -0.71 N
IP____TICONDEROGA 23804	123.55 5.06 -7.35 N	37.50 1.09 -3.44 N	48.52 1.88 -5.71 N	54.15 1.98 -15.33 N	75.42 1.11 -53.05 N	58.47 2.30 0.00 N	197.45 8.41 -1.22 N	166.71 6.36 0.00 N	151.01 5.58 0.00 N	171.00 6.45 0.00 N	228.21 9.95 -2.23 N	164.54 1.94 -121.01 N	94.98 1.22 -58.81 N	101.53 1.06 -68.52 N	169.98 0.63 -153.92 N	110.30 0.90 -83.52 N	87.19 1.23 -48.68 N	120.00 2.73 -42.98 N	156.86 1.40 -126.08 N	68.57 2.10 -12.80 N	93.79 2.77 0.00 N	19.57 0.81 0.00 N	77.90 3.13 0.00 N	76.21 3.38 -0.68 N
JARVIS____ 23743	111.40 0.39 0.12 N	33.05 0.13 0.06 N	40.99 0.16 0.10 N	36.72 0.15 0.26 N	20.44 0.08 0.90 N	56.44 0.28 0.00 N	188.96 1.16 0.02 N	161.33 0.97 0.00 N	146.33 0.90 0.00 N	165.53 0.99 0.00 N	217.40 1.41 0.04 N	39.70 0.25 2.13 N	34.11 0.20 1.05 N	30.91 0.18 1.22 N	12.79 0.09 2.02 N	24.54 0.14 0.48 N	36.62 0.21 0.86 N	73.98 0.44 0.76 N	27.30 0.15 2.23 N	53.74 0.30 0.23 N	91.63 0.62 0.00 N	18.89 0.12 0.00 N	75.18 0.42 0.00 N	72.48 0.35 0.01 N
JENNISON____1 23625	116.66 3.48 -2.04 N	35.16 1.24 -0.95 N	43.83 1.32 -1.58 N	42.18 1.10 -4.25 N	36.86 0.89 -14.70 N	58.95 2.79 0.00 N	201.24 13.08 -0.34 N	172.79 12.44 0.00 N	157.05 11.62 0.00 N	180.72 16.18 0.00 N	234.94 18.21 -0.70 N	82.63 3.19 -37.85 N	55.90 2.49 -18.46 N	55.73 2.22 -21.57 N	64.93 1.04 -48.47 N	53.88 1.70 -26.30 N	55.02 2.42 -15.33 N	92.77 4.94 -13.53 N	71.05 1.97 -39.70 N	61.44 3.75 -4.03 N	98.79 7.78 0.00 N	20.15 1.39 0.00 N	79.73 4.97 0.00 N	76.01 3.66 -0.21 N
JENNISON____2 23626	116.51 3.33 -2.04 N	35.12 1.19 -0.95 N	43.79 1.28 -1.58 N	42.14 1.05 -4.25 N	36.83 0.86 -14.70 N	58.87 2.71 0.00 N	200.86 12.70 -0.34 N	172.45 12.10 0.00 N	156.74 11.31 0.00 N	180.39 15.85 0.00 N	234.39 17.66 -0.70 N	82.54 3.10 -37.85 N	55.82 2.42 -18.46 N	55.67 2.15 -21.57 N	64.90 1.01 -48.47 N	53.82 1.64 -26.30 N	54.95 2.34 -15.33 N	92.62 4.80 -13.53 N	70.99 1.92 -39.70 N	61.35 3.65 -4.03 N	98.59 7.58 0.00 N	20.12 1.35 0.00 N	79.61 4.85 0.00 N	75.91 3.56 -0.21 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
KEDC_PORT_JEFF_GT2 24210	130.64 13.58 -5.92 N	39.69 3.94 -2.77 N	50.13 4.61 -4.60 N	53.15 3.97 -12.35 N	66.38 2.40 -42.72 N	63.08 6.92 0.00 N	214.48 25.67 -0.99 N	187.23 22.25 -4.63 N	163.01 17.58 0.00 N	184.76 20.22 0.00 N	241.27 23.45 -1.79 N	143.86 4.81 -97.46 N	110.24 4.81 -70.48 N	118.96 4.42 -82.60 N	138.36 2.00 -120.94 N	94.09 3.47 -64.74 N	80.51 5.20 -38.03 N	118.17 10.15 -33.73 N	131.97 3.49 -99.10 N	63.68 7.19 -2.83 N	101.89 13.22 2.34 N	18.97 2.72 2.52 N	107.87 11.23 -21.87 N	88.67 10.45 -6.07 N	
KEDC_PORT_JEFF_GT3 24211	130.64 13.58 -5.92 N	39.69 3.94 -2.77 N	50.13 4.61 -4.60 N	53.15 3.97 -12.35 N	66.38 2.40 -42.72 N	63.08 6.92 0.00 N	214.48 25.67 -0.99 N	187.23 22.25 -4.63 N	163.01 17.58 0.00 N	184.76 20.22 0.00 N	241.27 23.45 -1.79 N	143.86 4.81 -97.46 N	110.24 4.81 -70.48 N	118.96 4.42 -82.60 N	138.36 2.00 -120.94 N	94.09 3.47 -64.74 N	80.51 5.20 -38.03 N	118.17 10.15 -33.73 N	131.97 3.49 -99.10 N	63.68 7.19 -2.83 N	101.89 13.22 2.34 N	18.97 2.72 2.52 N	107.87 11.23 -21.87 N	88.67 10.45 -6.07 N	
KEDC_GLWD_GT4 24219	127.47 10.41 -5.92 N	38.76 3.02 -2.77 N	49.09 3.56 -4.60 N	52.24 3.06 -12.35 N	65.79 1.81 -42.72 N	61.47 5.30 0.00 N	208.15 19.34 -0.99 N	181.56 16.57 -4.63 N	161.35 15.93 0.00 N	182.99 18.44 0.00 N	242.23 24.40 -1.79 N	143.85 4.80 -97.46 N	109.71 4.27 -70.48 N	118.44 3.86 -82.63 N	138.19 1.83 -120.94 N	95.81 3.11 -66.82 N	84.04 4.58 -42.18 N	117.23 9.07 -33.86 N	131.74 3.25 -99.10 N	79.46 6.29 -19.51 N	105.56 11.49 -3.06 N	24.72 2.32 -3.64 N	105.30 8.66 -21.87 N	86.02 7.81 -6.07 N	
KEDC_GLWD_GT5 24220	127.47 10.41 -5.92 N	38.76 3.02 -2.77 N	49.09 3.56 -4.60 N	52.24 3.06 -12.35 N	65.79 1.81 -42.72 N	61.47 5.30 0.00 N	208.15 19.34 -0.99 N	181.56 16.57 -4.63 N	161.35 15.93 0.00 N	182.99 18.44 0.00 N	242.23 24.40 -1.79 N	143.85 4.80 -97.46 N	109.71 4.27 -70.48 N	118.44 3.86 -82.63 N	138.19 1.83 -120.94 N	95.81 3.11 -66.82 N	84.04 4.58 -42.18 N	117.23 9.07 -33.86 N	131.74 3.25 -99.10 N	79.46 6.29 -19.51 N	105.56 11.49 -3.06 N	24.72 2.32 -3.64 N	105.30 8.66 -21.87 N	86.02 7.81 -6.07 N	
KENSICO____ 23655	126.10 9.04 -5.92 N	38.36 2.62 -2.77 N	48.66 3.13 -4.60 N	51.87 2.68 -12.35 N	65.57 1.58 -42.73 N	60.77 4.61 0.00 N	205.86 17.05 -0.99 N	174.50 14.15 0.00 N	159.32 13.89 0.00 N	180.51 15.97 0.00 N	239.06 21.23 -1.79 N	143.23 4.17 -97.46 N	85.25 3.58 -46.72 N	88.89 3.18 -53.77 N	137.75 1.54 -120.80 N	94.04 2.60 -65.56 N	79.29 3.80 -38.22 N	115.60 7.55 -33.75 N	131.17 2.80 -98.99 N	69.03 5.31 -10.05 N	100.74 9.72 0.00 N	20.69 1.92 0.00 N	81.96 7.20 0.00 N	79.20 6.52 -0.54 N	
KIAC_JFK_GT1 23816	127.15 10.09 -5.92 N	38.68 2.94 -2.77 N	48.98 3.45 -4.60 N	52.12 2.94 -12.35 N	65.70 1.72 -42.72 N	61.31 5.15 0.00 N	207.99 19.18 -0.99 N	175.59 15.24 0.00 N	160.97 15.54 0.00 N	182.94 18.39 0.00 N	241.17 23.34 -1.79 N	143.68 4.63 -97.46 N	85.74 4.04 -46.75 N	89.42 3.64 -53.83 N	138.11 1.76 -120.92 N	94.52 3.01 -65.63 N	80.01 4.47 -38.26 N	116.93 8.85 -33.78 N	131.72 3.25 -99.09 N	70.00 6.27 -10.06 N	102.60 11.59 0.00 N	373.14 2.31 -352.06 N	201.11 8.79 -117.55 N	80.56 7.88 -0.54 N	
KIAC_JFK_GT2 23817	127.15 10.09 -5.92 N	38.68 2.94 -2.77 N	48.98 3.45 -4.60 N	52.12 2.94 -12.35 N	65.70 1.72 -42.72 N	61.31 5.15 0.00 N	207.99 19.18 -0.99 N	175.59 15.24 0.00 N	160.97 15.54 0.00 N	182.94 18.39 0.00 N	241.17 23.34 -1.79 N	143.68 4.63 -97.46 N	85.74 4.04 -46.75 N	89.42 3.64 -53.83 N	138.11 1.76 -120.92 N	94.52 3.01 -65.63 N	80.01 4.47 -38.26 N	116.93 8.85 -33.78 N	131.72 3.25 -99.09 N	70.00 6.27 -10.06 N	102.60 11.59 0.00 N	373.14 2.31 -352.06 N	201.11 8.79 -117.55 N	80.56 7.88 -0.54 N	
KINTIGH____ 23543	100.93 -10.90 -0.69 N	30.50 -2.80 -0.33 N	37.68 -3.78 -0.54 N	34.85 -3.43 -1.45 N	24.53 -1.74 -5.01 N	51.12 -5.05 0.00 N	172.56 -15.38 -0.12 N	146.62 -13.73 0.00 N	133.85 -11.58 0.00 N	152.25 -12.29 0.00 N	199.78 -16.46 -0.21 N	49.38 -3.43 -11.22 N	37.77 -2.65 -5.47 N	35.91 -2.43 -6.40 N	28.66 -1.14 -14.37 N	31.59 -2.09 -7.80 N	38.65 -3.18 -4.55 N	71.58 -6.74 -4.02 N	38.57 -2.61 -11.80 N	49.70 -5.16 -1.20 N	82.65 -8.36 0.00 N	16.89 -1.88 0.00 N	68.02 -6.75 0.00 N	65.25 -6.96 -0.06 N	
LEDERLE____ 23769	127.21 10.26 -5.81 N	38.64 2.95 -2.72 N	48.96 3.52 -4.51 N	51.99 3.05 -12.11 N	64.95 1.79 -41.90 N	61.36 5.20 0.00 N	207.83 19.04 -0.97 N	175.99 15.64 0.00 N	160.56 15.14 0.00 N	181.78 17.24 0.00 N	240.76 22.96 -1.76 N	141.79 4.51 -95.69 N	84.35 3.80 -45.60 N	87.41 3.27 -52.20 N	134.27 1.59 -117.27 N	92.22 2.69 -63.65 N	78.31 3.92 -37.11 N	114.89 7.83 -32.76 N	128.42 2.93 -96.11 N	69.03 5.61 -9.76 N	101.29 10.28 0.00 N	20.84 2.07 0.00 N	82.29 7.52 0.00 N	79.45 6.78 -0.52 N	
LINDEN COGEN____ 23786	126.20 9.14 -5.92 N	38.41 2.67 -2.77 N	48.68 3.15 -4.60 N	51.85 2.67 -12.35 N	65.55 1.56 -42.72 N	60.79 4.62 0.00 N	205.99 17.19 -0.99 N	174.53 14.18 0.00 N	159.62 14.19 0.00 N	181.06 16.52 0.00 N	239.84 22.01 -1.79 N	143.39 4.34 -97.46 N	85.46 3.76 -46.75 N	89.14 3.37 -53.83 N	137.97 1.62 -120.92 N	94.25 2.73 -65.63 N	79.55 4.01 -38.26 N	116.04 7.96 -33.78 N	131.40 2.92 -99.09 N	69.22 5.50 -10.06 N	101.16 10.14 0.00 N	20.75 1.98 0.00 N	82.31 7.54 0.00 N	79.53 6.85 -0.54 N	
LIPA_MISC_IPP 23656	131.05 13.98 -5.92 N	39.82 4.08 -2.77 N	50.31 4.78 -4.60 N	53.32 4.14 -12.35 N	66.47 2.49 -42.72 N	63.35 7.19 0.00 N	215.56 26.75 -0.99 N	188.25 23.27 -4.63 N	164.53 19.10 0.00 N	186.41 21.87 0.00 N	243.00 25.18 -1.79 N	144.10 5.06 -97.46 N	110.31 4.87 -70.48 N	119.01 4.46 -82.60 N	138.38 2.02 -120.94 N	94.08 3.47 -64.73 N	80.53 5.25 -38.01 N	118.29 10.27 -33.72 N	132.00 3.51 -99.10 N	63.65 7.25 -2.74 N	102.10 13.45 2.37 N	18.98 2.77 2.55 N	108.03 11.40 -21.87 N	88.93 10.71 -6.07 N	
LITTLE FALLS____HYD 24013	117.14 6.13 0.12 N	34.72 1.80 0.06 N	42.98 2.15 0.10 N	38.58 2.00 0.26 N	21.60 1.25 0.90 N	59.60 3.43 0.00 N	200.83 13.03 0.02 N	171.68 11.33 0.00 N	155.93 10.50 0.00 N	177.02 12.47 0.00 N	232.58 16.59 0.04 N	42.68 3.23 2.13 N	36.38 2.47 1.05 N	32.97 2.24 1.22 N	13.82 1.12 2.72 N	26.23 1.83 1.48 N	39.12 2.71 0.86 N	79.00 5.47 0.76 N	29.27 2.12 2.23 N	57.39 3.95 0.23 N	98.27 7.26 0.00 N	20.19 1.42 0.00 N	79.91 5.14 0.00 N	76.58 4.45 0.01 N	
LONG_LAKE_PHOENIX 24014	111.27 -0.39 -0.52 N	33.01 -0.21 -0.24 N	40.88 -0.45 -0.41 N	37.43 -0.50 -1.09 N	24.88 -0.15 -3.77 N	55.99 -0.17 0.00 N	189.37 1.46 -0.09 N	162.35 2.00 0.00 N	147.82 2.39 0.00 N	167.86 3.32 0.00 N	220.62 4.43 -0.15 N	50.74 0.80 -8.35 N	39.67 0.65 -4.07 N	37.33 0.63 -4.76 N	26.40 0.28 -10.70 N	32.09 0.40 -5.81 N	41.23 0.56 -3.39 N	78.36 1.07 -2.99 N	38.58 0.42 -8.77 N	55.24 0.69 -0.89 N	92.61 1.60 0.00 N	19.06 0.29 0.00 N	75.26 0.49 0.00 N	72.00 -0.19 -0.05 N	
LOVETT____3	125.36	38.12	48.34	51.48	64.82	60.43	204.72	173.36	158.16	179.01	237.06	141.43	83.90	87.03	134.39	91.99	77.81	113.73	128.22	68.12	99.64	20.50	81.05	78.36	



23632	8.38 -5.84 N	2.42 -2.73 N	2.88 -4.54 N	2.47 -12.17 N	1.45 -42.12 N	4.27 0.00 N	15.93 -0.97 N	13.01 0.00 N	12.74 0.00 N	14.47 0.00 N	19.26 -1.77 N	3.77 -96.07 N	3.19 -45.76 N	2.72 -52.37 N	1.33 -117.64 N	2.26 -63.86 N	3.30 -37.23 N	6.57 -32.87 N	2.42 -96.42 N	4.66 -9.79 N	8.63 0.00 N	1.73 0.00 N	6.29 0.00 N	5.69 -0.52 N
LOVETT___4 23642	126.07 9.09 -5.84 N	38.32 2.62 -2.73 N	48.58 3.12 -4.54 N	51.70 2.69 -12.18 N	64.97 1.58 -42.13 N	60.80 4.63 0.00 N	206.06 17.27 -0.97 N	174.61 14.25 0.00 N	159.29 13.86 0.00 N	180.30 15.76 0.00 N	238.79 20.99 -1.77 N	141.81 4.11 -96.10 N	84.21 3.47 -45.78 N	87.31 2.98 -52.39 N	134.55 1.45 -117.68 N	92.22 2.46 -63.88 N	78.11 3.60 -37.24 N	114.35 7.18 -32.88 N	128.49 2.66 -96.45 N	68.56 5.10 -9.79 N	100.39 9.38 0.00 N	20.62 1.85 0.00 N	81.63 6.87 0.00 N	78.87 6.20 -0.52 N
LOVETT___5 23593	126.07 9.09 -5.84 N	38.32 2.62 -2.73 N	48.58 3.12 -4.54 N	51.70 2.69 -12.18 N	64.97 1.58 -42.13 N	60.80 4.63 0.00 N	206.06 17.27 -0.97 N	174.61 14.25 0.00 N	159.29 13.86 0.00 N	180.30 15.76 0.00 N	238.79 20.99 -1.77 N	141.81 4.11 -96.10 N	84.21 3.47 -45.78 N	87.31 2.98 -52.39 N	134.55 1.45 -117.68 N	92.22 2.46 -63.88 N	78.11 3.60 -37.24 N	114.35 7.18 -32.88 N	128.49 2.66 -96.45 N	68.56 5.10 -9.79 N	100.39 9.38 0.00 N	20.62 1.85 0.00 N	81.63 6.87 0.00 N	78.87 6.20 -0.52 N
LOWER RAQUET___HYD 24057	104.75 -6.38 0.00 N	31.03 -1.94 0.00 N	38.55 -2.37 0.00 N	34.75 -2.08 0.00 N	19.99 -1.26 0.00 N	52.71 -3.45 0.00 N	175.92 -11.90 0.00 N	151.07 -9.28 0.00 N	136.57 -8.86 0.00 N	154.34 -10.20 0.00 N	202.66 -13.38 0.00 N	38.83 -2.76 0.00 N	32.58 -2.37 0.00 N	29.83 -2.11 0.00 N	14.45 -0.98 0.00 N	24.21 -1.67 0.00 N	34.86 -2.41 0.00 N	69.40 -4.89 0.00 N	27.51 -1.88 0.00 N	50.28 -3.38 0.00 N	85.07 -5.94 0.00 N	17.68 -1.09 0.00 N	69.90 -4.87 0.00 N	67.21 -4.93 0.00 N
LOWER___HUDSON 24059	124.52 6.01 -7.38 N	38.00 1.58 -3.45 N	48.73 2.07 -5.73 N	54.16 1.94 -15.38 N	75.64 1.16 -53.22 N	59.23 3.06 0.00 N	200.19 11.14 -1.23 N	169.55 9.20 0.00 N	153.78 8.36 0.00 N	173.86 9.32 0.00 N	231.34 13.08 -2.23 N	165.57 2.58 -121.40 N	95.91 1.95 -59.01 N	102.50 1.78 -68.78 N	170.81 0.88 -154.50 N	111.15 1.43 -83.84 N	88.19 2.04 -48.87 N	121.58 4.14 -43.14 N	157.65 1.71 -126.55 N	69.58 3.07 -12.85 N	96.14 5.13 0.00 N	19.89 1.12 0.00 N	78.74 3.97 0.00 N	76.65 3.81 -0.69 N
LWR___OSWEGATCHIE_HYD 23850	104.53 -6.61 0.00 N	30.97 -2.01 0.00 N	38.41 -2.52 0.00 N	34.58 -2.25 0.00 N	19.97 -1.29 0.00 N	52.86 -3.30 0.00 N	177.76 -10.06 0.00 N	152.94 -7.41 0.00 N	138.54 -6.89 0.00 N	156.74 -7.80 0.00 N	205.91 -10.13 0.00 N	39.51 -2.08 0.00 N	33.13 -1.82 0.00 N	30.30 -1.65 0.00 N	14.65 -0.77 0.00 N	24.51 -1.37 0.00 N	35.31 -1.97 0.00 N	70.26 -4.04 0.00 N	27.85 -1.54 0.00 N	50.89 -2.78 0.00 N	86.54 -4.47 0.00 N	17.93 -0.84 0.00 N	70.60 -4.17 0.00 N	67.81 -4.33 0.00 N
LYONS_FALL_HYD 23570	108.15 -2.98 0.00 N	32.08 -0.89 0.00 N	39.74 -1.18 0.00 N	35.75 -1.09 0.00 N	20.70 -0.56 0.00 N	54.89 -1.28 0.00 N	185.13 -2.69 0.00 N	159.14 -1.21 0.00 N	144.49 -0.94 0.00 N	163.59 -0.95 0.00 N	214.81 -1.23 0.00 N	41.30 -0.30 0.00 N	34.64 -0.31 0.00 N	31.64 -0.30 0.00 N	15.28 -0.14 0.00 N	25.58 -0.30 0.00 N	36.81 -0.47 0.00 N	73.27 -1.03 0.00 N	29.00 -0.38 0.00 N	53.00 -0.67 0.00 N	90.30 -0.72 0.00 N	18.63 -0.14 0.00 N	73.58 -1.18 0.00 N	70.63 -1.51 0.00 N
MAPLE_RIDGE_WT_1 323574	109.62 -1.20 0.31 N	32.54 -0.29 0.14 N	40.33 -0.36 0.24 N	35.89 -0.30 0.64 N	18.82 -0.22 2.22 N	55.57 -0.59 0.00 N	185.62 -2.15 0.05 N	158.93 -1.42 0.00 N	144.05 -1.38 0.00 N	163.10 -1.44 0.00 N	214.17 -1.77 0.10 N	35.86 -0.52 5.21 N	31.90 -0.50 2.55 N	28.55 -0.47 2.92 N	8.64 -0.24 6.54 N	21.91 -0.43 3.55 N	34.51 -0.70 2.07 N	71.02 -1.45 1.83 N	23.31 -0.72 5.35 N	51.96 -1.16 0.54 N	89.06 -1.95 0.00 N	18.36 -0.41 0.00 N	73.90 -0.87 0.00 N	71.38 -0.73 0.03 N
MAPLE_RIDGE_WT_2 323611	109.62 -1.20 0.31 N	32.54 -0.29 0.14 N	40.33 -0.36 0.24 N	35.89 -0.30 0.64 N	18.82 -0.22 2.22 N	55.57 -0.59 0.00 N	185.62 -2.15 0.05 N	158.93 -1.42 0.00 N	144.05 -1.38 0.00 N	163.10 -1.44 0.00 N	214.17 -1.77 0.10 N	35.86 -0.52 5.21 N	31.90 -0.50 2.55 N	28.55 -0.47 2.92 N	8.64 -0.24 6.54 N	21.91 -0.43 3.55 N	34.51 -0.70 2.07 N	71.02 -1.45 1.83 N	23.31 -0.72 5.35 N	51.96 -1.16 0.54 N	89.06 -1.95 0.00 N	18.36 -0.41 0.00 N	73.90 -0.87 0.00 N	71.38 -0.73 0.03 N
MG INDUSTRY___DRP 24185	124.78 6.39 -7.26 N	38.26 1.89 -3.39 N	48.91 2.35 -5.63 N	54.09 2.13 -15.13 N	74.86 1.27 -52.33 N	59.66 3.49 0.00 N	201.26 12.23 -1.21 N	170.07 9.72 0.00 N	154.34 8.91 0.00 N	174.30 9.76 0.00 N	230.99 12.76 -2.20 N	163.49 2.52 -119.38 N	95.01 2.03 -58.03 N	101.43 1.85 -67.64 N	168.27 0.90 -151.95 N	109.83 1.50 -82.45 N	87.49 2.16 -48.06 N	121.10 4.37 -42.43 N	155.54 1.69 -124.46 N	69.42 3.12 -12.64 N	96.58 5.57 0.00 N	19.94 1.17 0.00 N	78.98 4.21 0.00 N	76.75 3.93 -0.68 N
MID___OSWEGATCHIE_HYD 23849	104.53 -6.61 0.00 N	30.97 -2.01 0.00 N	38.41 -2.52 0.00 N	34.58 -2.25 0.00 N	19.97 -1.29 0.00 N	52.86 -3.30 0.00 N	177.76 -10.06 0.00 N	152.94 -7.41 0.00 N	138.54 -6.89 0.00 N	156.74 -7.80 0.00 N	205.91 -10.13 0.00 N	39.51 -2.08 0.00 N	33.13 -1.82 0.00 N	30.30 -1.65 0.00 N	14.65 -0.77 0.00 N	24.51 -1.37 0.00 N	35.31 -1.97 0.00 N	70.26 -4.04 0.00 N	27.85 -1.54 0.00 N	50.89 -2.78 0.00 N	86.54 -4.47 0.00 N	17.93 -0.84 0.00 N	70.60 -4.17 0.00 N	67.81 -4.33 0.00 N
MID___RAQUETTE_HYD 23851	104.75 -6.38 0.00 N	31.03 -1.94 0.00 N	38.55 -2.37 0.00 N	34.75 -2.08 0.00 N	19.99 -1.26 0.00 N	52.71 -3.45 0.00 N	175.92 -11.90 0.00 N	151.07 -9.28 0.00 N	136.57 -8.86 0.00 N	154.34 -10.20 0.00 N	202.66 -13.38 0.00 N	38.83 -2.76 0.00 N	32.58 -2.37 0.00 N	29.83 -2.11 0.00 N	14.45 -0.98 0.00 N	24.21 -1.67 0.00 N	34.86 -2.41 0.00 N	69.40 -4.89 0.00 N	27.51 -1.88 0.00 N	50.28 -3.38 0.00 N	85.07 -5.94 0.00 N	17.68 -1.09 0.00 N	69.90 -4.87 0.00 N	67.21 -4.93 0.00 N
MILLIKEN___1 23584	106.09 -6.06 -1.01 N	32.57 -0.88 -0.47 N	40.17 -1.54 -0.79 N	36.92 -2.03 -2.11 N	28.36 -0.20 -7.30 N	54.80 -1.37 0.00 N	185.09 -2.90 -0.17 N	158.99 -1.37 0.00 N	144.76 -0.66 0.00 N	161.99 -2.55 0.00 N	212.45 -3.84 -0.25 N	54.30 -0.97 -13.68 N	41.20 -0.42 -6.67 N	39.25 -0.49 -7.80 N	32.99 0.03 -17.53 N	35.61 0.22 -9.51 N	42.25 -0.57 -5.54 N	76.70 -2.50 -4.90 N	42.88 -0.87 -14.36 N	53.96 -1.16 -1.46 N	88.78 -2.23 0.00 N	18.17 -0.60 0.00 N	71.87 -2.89 0.00 N	68.14 -4.08 -0.08 N
MILLIKEN___2 23585	106.09 -6.06 -1.01 N	32.57 -0.88 -0.47 N	40.17 -1.54 -0.79 N	36.92 -2.03 -2.11 N	28.36 -0.20 -7.30 N	54.80 -1.37 0.00 N	185.09 -2.90 -0.17 N	158.99 -1.37 0.00 N	144.76 -0.66 0.00 N	161.99 -2.55 0.00 N	212.45 -3.84 -0.25 N	54.30 -0.97 -13.68 N	41.20 -0.42 -6.67 N	39.25 -0.49 -7.80 N	32.99 0.03 -17.53 N	35.61 0.22 -9.51 N	42.25 -0.57 -5.54 N	76.70 -2.50 -4.90 N	42.88 -0.87 -14.36 N	53.96 -1.16 -1.46 N	88.78 -2.23 0.00 N	18.17 -0.60 0.00 N	71.87 -2.89 0.00 N	68.14 -4.08 -0.08 N



MILLIKEN___DIESEL 232629	106.09 -6.06 -1.01 N	32.57 -0.88 -0.47 N	40.17 -1.54 -0.79 N	36.92 -2.03 -2.11 N	28.36 -0.20 -7.30 N	54.80 -1.37 0.00 N	185.09 -2.90 -0.17 N	158.99 -1.37 0.00 N	144.76 -0.66 0.00 N	161.99 -2.55 0.00 N	212.45 -3.84 -0.25 N	54.30 -0.97 -13.68 N	41.20 -0.42 -6.67 N	39.25 -0.49 -7.80 N	32.99 0.03 -17.53 N	35.61 0.22 -9.51 N	42.25 -0.57 -5.54 N	76.70 -2.50 -4.90 N	42.88 -0.87 -14.36 N	53.96 -1.16 -1.46 N	88.78 -2.23 0.00 N	18.17 -0.60 0.00 N	71.87 -2.89 0.00 N	68.14 -4.08 -0.08 N
MILLSEAT___LFGE 323607	104.20 -7.71 -0.78 N	31.43 -1.91 -0.36 N	38.83 -2.70 -0.60 N	36.02 -2.43 -1.62 N	25.72 -1.14 -5.60 N	52.92 -3.24 0.00 N	179.70 -8.25 -0.13 N	152.82 -7.53 0.00 N	139.63 -5.80 0.00 N	159.04 -5.50 0.00 N	208.60 -7.67 -0.23 N	52.32 -1.81 -12.54 N	39.75 -1.31 -6.11 N	37.89 -1.21 -7.15 N	30.93 -0.55 -16.05 N	33.45 -1.15 -8.71 N	40.53 -1.83 -5.09 N	74.75 -4.04 -4.49 N	41.04 -1.52 -13.18 N	51.82 -3.18 -1.34 N	86.22 -4.79 0.00 N	17.55 -1.22 0.00 N	70.71 -4.05 0.00 N	67.52 -4.70 -0.07 N
MODEL_CITY_ENERGY 24167	101.51 -10.45 -0.82 N	30.69 -2.67 -0.38 N	37.94 -3.63 -0.64 N	35.29 -3.27 -1.72 N	25.56 -1.64 -5.93 N	51.45 -4.71 0.00 N	174.00 -13.96 -0.14 N	147.46 -12.89 0.00 N	134.77 -10.66 0.00 N	153.71 -10.84 0.00 N	201.53 -14.75 -0.24 N	51.73 -3.17 -13.31 N	39.01 -2.43 -6.49 N	37.30 -2.23 -7.59 N	31.42 -1.05 -17.05 N	33.16 -1.97 -9.25 N	39.65 -3.02 -5.40 N	72.61 -6.45 -4.77 N	40.89 -2.48 -13.99 N	50.07 -5.02 -1.42 N	82.98 -8.03 0.00 N	16.86 -1.91 0.00 N	68.44 -6.33 0.00 N	65.53 -6.68 -0.08 N
MODERN_LFGE___ 323580	101.51 -10.45 -0.82 N	30.69 -2.67 -0.38 N	37.94 -3.63 -0.64 N	35.29 -3.27 -1.72 N	25.56 -1.64 -5.93 N	51.45 -4.71 0.00 N	174.00 -13.96 -0.14 N	147.46 -12.89 0.00 N	134.77 -10.66 0.00 N	153.71 -10.84 0.00 N	201.53 -14.75 -0.24 N	51.73 -3.17 -13.31 N	39.01 -2.43 -6.49 N	37.30 -2.23 -7.59 N	31.42 -1.05 -17.05 N	33.16 -1.97 -9.25 N	39.65 -3.02 -5.40 N	72.61 -6.45 -4.77 N	40.89 -2.48 -13.99 N	50.07 -5.02 -1.42 N	82.98 -8.03 0.00 N	16.86 -1.91 0.00 N	68.44 -6.33 0.00 N	65.53 -6.68 -0.08 N
MOHAWK_PAPER___DRP 24187	125.14 6.56 -7.44 N	38.28 1.82 -3.48 N	49.03 2.32 -5.78 N	54.48 2.13 -15.51 N	76.21 1.27 -53.68 N	59.57 3.41 0.00 N	201.22 12.16 -1.24 N	170.33 9.98 0.00 N	154.63 9.21 0.00 N	174.83 10.29 0.00 N	232.35 14.06 -2.25 N	166.81 2.77 -122.45 N	96.64 2.16 -59.52 N	103.28 1.96 -69.38 N	172.25 0.96 -155.86 N	112.04 1.58 -84.58 N	88.85 2.28 -49.30 N	122.44 4.62 -43.52 N	158.88 1.83 -127.67 N	69.93 3.30 -12.96 N	96.69 5.68 0.00 N	19.97 1.21 0.00 N	79.18 4.41 0.00 N	76.97 4.14 -0.69 N
MONGAUP___HYD 23641	124.47 7.98 -5.36 N	37.80 2.32 -2.51 N	47.91 2.82 -4.16 N	50.50 2.50 -11.17 N	61.40 1.49 -38.66 N	60.47 4.31 0.00 N	204.68 15.96 -0.89 N	172.71 12.36 0.00 N	157.24 11.81 0.00 N	176.52 11.98 0.00 N	234.32 16.66 -1.62 N	133.09 3.33 -88.17 N	80.86 3.26 -42.64 N	84.40 2.98 -49.48 N	128.02 1.45 -111.15 N	88.65 2.43 -60.34 N	76.00 3.54 -35.18 N	112.25 6.90 -31.06 N	123.04 2.55 -91.11 N	67.83 4.91 -9.25 N	99.96 8.94 0.00 N	20.59 1.82 0.00 N	81.45 6.69 0.00 N	78.97 6.33 -0.49 N
MONTAUK___DIESEL 23721	135.01 17.95 -5.92 N	40.99 5.24 -2.77 N	51.72 6.20 -4.60 N	54.59 5.41 -12.35 N	67.25 3.27 -42.72 N	65.53 9.36 0.00 N	224.04 35.23 -0.99 N	196.55 31.56 -4.63 N	172.13 26.70 0.00 N	195.32 30.78 0.00 N	254.83 37.00 -1.79 N	146.44 7.39 -97.46 N	112.23 6.80 -70.48 N	120.78 6.23 -82.60 N	139.22 2.86 -120.94 N	95.43 4.82 -64.73 N	82.48 7.19 -38.01 N	122.12 14.10 -33.72 N	133.46 4.98 -99.10 N	66.42 10.00 -2.76 N	107.07 18.42 2.37 N	20.03 3.81 2.55 N	111.68 15.04 -21.87 N	92.01 13.80 -6.07 N
MUNSVILLE_WIND_PWR 323609	114.88 2.00 -1.74 N	34.90 1.11 -0.81 N	43.31 1.03 -1.35 N	41.25 0.78 -3.63 N	34.76 0.93 -12.57 N	58.87 2.70 0.00 N	202.50 14.39 -0.29 N	174.91 14.56 0.00 N	159.45 14.02 0.00 N	187.49 22.95 0.00 N	236.90 20.17 -0.70 N	82.64 3.19 -37.85 N	55.64 2.24 -18.46 N	55.35 1.84 -21.57 N	64.70 0.81 -48.47 N	53.42 1.24 -26.30 N	54.25 1.65 -15.33 N	91.47 3.64 -13.53 N	70.68 1.60 -39.70 N	61.00 3.31 -4.03 N	99.06 8.05 0.00 N	20.12 1.35 0.00 N	79.21 4.44 0.00 N	75.27 2.92 -0.21 N
N SALMON___HYD 24042	108.27 -2.86 0.00 N	31.99 -0.98 0.00 N	39.70 -1.23 0.00 N	35.79 -1.04 0.00 N	20.56 -0.69 0.00 N	54.19 -1.97 0.00 N	180.76 -7.06 0.00 N	155.87 -4.48 0.00 N	141.35 -4.07 0.00 N	160.02 -4.52 0.00 N	210.02 -6.02 0.00 N	40.19 -1.40 0.00 N	33.72 -1.23 0.00 N	30.90 -1.04 0.00 N	14.96 -0.46 0.00 N	25.11 -0.77 0.00 N	36.09 -1.19 0.00 N	71.87 -2.43 0.00 N	28.45 -0.93 0.00 N	52.08 -1.59 0.00 N	88.17 -2.84 0.00 N	18.28 -0.48 0.00 N	72.56 -2.21 0.00 N	69.41 -2.73 0.00 N
N.E_GEN_SANDY PD 24062	124.42 6.39 -6.89 N	37.93 1.73 -3.22 N	48.57 2.29 -5.35 N	53.32 2.12 -14.37 N	72.20 1.23 -49.70 N	59.37 3.21 0.00 N	200.25 11.28 -1.15 N	119.00 4.56 -39.33 N	126.00 17.47 178.47 N	173.80 9.25 0.00 N	231.14 13.02 -2.09 N	157.57 2.59 -113.39 N	137.35 1.14 -117.76 N	97.84 1.81 -64.09 N	160.31 0.91 -143.97 N	105.50 1.49 -78.12 N	84.95 2.14 -45.54 N	118.83 4.33 -40.20 N	149.07 1.76 -117.93 N	68.78 3.14 -11.98 N	96.27 5.26 0.00 N	19.90 1.13 0.00 N	79.08 4.31 0.00 N	77.02 4.24 -0.64 N
NARROWS_GT1_1 24228	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT1_2 24229	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT1_3 24230	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT1_4 24231	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
NARROWS_GT1_5 24232	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT1_6 24233	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT1_7 24234	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT1_8 24235	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_1 24236	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_2 24237	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_3 24238	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_4 24239	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_5 24240	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_6 24241	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_7 24242	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NARROWS_GT2_8 24243	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NEG CAPITAL___MECHNVIL 23645	124.50 5.95 -7.41 N	37.99 1.55 -3.46 N	48.75 2.06 -5.76 N	54.23 1.94 -15.45 N	75.86 1.15 -53.44 N	59.29 3.12 0.00 N	200.90 11.85 -1.23 N	170.24 9.89 0.00 N	154.33 8.90 0.00 N	174.39 9.85 0.00 N	232.17 13.89 -2.24 N	166.22 2.71 -121.91 N	96.25 2.04 -59.26 N	102.88 1.87 -69.07 N	171.50 0.93 -155.15 N	111.55 1.48 -84.19 N	88.48 2.13 -49.07 N	121.97 4.35 -43.32 N	158.27 1.80 -127.09 N	69.79 3.22 -12.91 N	96.50 5.48 0.00 N	19.98 1.21 0.00 N	78.86 4.09 0.00 N	76.68 3.85 -0.69 N
NEG CENTRAL_HIGH_ACRES	107.57	32.25	39.92	36.70	24.93	54.50	184.41	157.51	143.50	162.81	213.62	50.38	39.11	36.92	27.38	32.03	40.38	76.01	38.72	53.35	89.22	18.30	72.89	69.78



23767	-4.16 -0.59 N	-1.01 -0.28 N	-1.46 -0.46 N	-1.37 -1.24 N	-0.60 -4.27 N	-1.66 0.00 N	-3.51 -0.10 N	-2.84 0.00 N	-1.93 0.00 N	-1.73 0.00 N	-2.58 -0.17 N	-0.70 -9.48 N	-0.47 -4.62 N	-0.43 -5.41 N	-0.19 -12.15 N	-0.44 -6.59 N	-0.74 -3.85 N	-1.69 -3.40 N	-0.63 -9.96 N	-1.33 -1.01 N	-1.79 0.00 N	-0.47 0.00 N	-1.87 0.00 N	-2.42 -0.05 N
NEG CENTRAL___DRP 24199	110.05 -1.95 -0.86 N	33.14 -0.24 -0.40 N	41.03 -0.57 -0.67 N	37.91 -0.72 -1.80 N	27.45 -0.04 -6.23 N	56.23 0.07 0.00 N	191.28 3.32 -0.14 N	163.69 3.34 0.00 N	148.92 3.49 0.00 N	168.91 4.37 0.00 N	221.74 5.45 -0.25 N	56.00 0.79 -13.62 N	42.32 0.73 -6.64 N	40.39 0.69 -7.77 N	33.25 0.37 -17.45 N	35.96 0.61 -9.47 N	43.39 0.60 -5.52 N	79.77 0.60 -4.88 N	43.89 0.21 -14.30 N	55.68 0.56 -1.45 N	92.24 1.22 0.00 N	18.80 0.03 0.00 N	75.20 0.43 0.00 N	71.32 -0.90 -0.08 N
NEG CENTRAL___INDECK 23768	112.31 0.24 -0.94 N	33.67 0.26 -0.44 N	41.63 -0.03 -0.73 N	38.70 -0.08 -1.95 N	28.27 0.26 -6.75 N	57.22 1.06 0.00 N	196.22 8.25 -0.16 N	168.05 7.70 0.00 N	153.11 7.68 0.00 N	174.22 9.68 0.00 N	228.18 11.87 -0.28 N	58.51 1.90 -15.02 N	43.86 1.58 -7.33 N	41.95 1.44 -8.56 N	35.37 0.71 -19.24 N	37.37 1.05 -10.44 N	44.76 1.40 -6.09 N	82.35 2.68 -5.38 N	46.25 1.09 -15.77 N	57.16 1.90 -1.60 N	95.20 4.19 0.00 N	19.41 0.64 0.00 N	77.39 2.62 0.00 N	73.16 0.93 -0.09 N
NEG CENTRAL___SENECA 23627	110.39 -1.73 -0.98 N	33.35 -0.08 -0.46 N	41.24 -0.45 -0.76 N	38.20 -0.68 -2.05 N	28.42 0.08 -7.08 N	56.62 0.46 0.00 N	193.50 5.52 -0.16 N	165.70 5.35 0.00 N	150.92 5.50 0.00 N	171.53 6.99 0.00 N	225.26 8.94 -0.28 N	58.47 1.41 -15.46 N	43.74 1.25 -7.54 N	41.94 1.18 -8.82 N	35.85 0.61 -19.81 N	37.64 1.01 -10.75 N	44.61 1.07 -6.27 N	81.09 1.26 -5.53 N	46.03 0.42 -16.23 N	56.34 1.03 -1.65 N	92.98 1.97 0.00 N	18.89 0.12 0.00 N	75.83 1.07 0.00 N	71.50 -0.73 -0.09 N
NEG CENTRAL___STATE_STREET 24147	111.08 -0.85 -0.79 N	33.54 0.20 -0.37 N	41.49 -0.05 -0.62 N	38.10 -0.39 -1.65 N	27.29 0.30 -5.72 N	56.85 0.69 0.00 N	193.22 5.26 -0.13 N	166.00 5.65 0.00 N	151.01 5.58 0.00 N	170.44 5.90 0.00 N	223.63 7.37 -0.22 N	54.84 1.09 -12.16 N	41.98 1.10 -5.93 N	39.85 0.98 -6.93 N	31.57 0.57 -15.58 N	35.29 0.96 -8.45 N	43.18 0.97 -4.93 N	80.02 1.37 -4.35 N	42.70 0.56 -12.76 N	56.20 1.24 -1.30 N	93.34 2.33 0.00 N	19.10 0.34 0.00 N	75.82 1.06 0.00 N	72.00 -0.21 -0.07 N
NEG MILLWOOD___DRP 24198	126.05 8.96 -5.96 N	38.36 2.60 -2.79 N	48.66 3.10 -4.63 N	51.94 2.68 -12.42 N	65.82 1.59 -42.97 N	60.76 4.59 0.00 N	205.89 17.07 -0.99 N	174.83 14.47 0.00 N	159.48 14.06 0.00 N	180.61 16.07 0.00 N	239.33 21.50 -1.80 N	143.65 4.20 -97.86 N	86.06 3.66 -47.45 N	90.41 3.30 -55.18 N	140.96 1.59 -123.95 N	95.89 2.68 -67.33 N	80.42 3.87 -39.28 N	116.73 7.76 -34.68 N	134.01 2.91 -101.72 N	69.51 5.52 -10.33 N	101.07 10.05 0.00 N	20.77 2.00 0.00 N	82.11 7.35 0.00 N	79.29 6.60 -0.55 N
NEG NORTH_FLCN_SEA 23793	106.64 -4.50 0.00 N	31.54 -1.44 0.00 N	39.15 -1.78 0.00 N	35.31 -1.53 0.00 N	20.25 -1.01 0.00 N	53.33 -2.84 0.00 N	177.50 -10.32 0.00 N	152.52 -7.83 0.00 N	138.24 -7.19 0.00 N	156.38 -8.16 0.00 N	205.26 -10.78 0.00 N	39.27 -2.33 0.00 N	32.95 -2.00 0.00 N	30.20 -1.74 0.00 N	14.65 -0.77 0.00 N	24.63 -1.25 0.00 N	35.36 -1.92 0.00 N	70.43 -3.87 0.00 N	27.87 -1.51 0.00 N	50.96 -2.71 0.00 N	86.28 -4.73 0.00 N	17.90 -0.87 0.00 N	71.04 -3.72 0.00 N	67.86 -4.29 0.00 N
NEG NORTH_KES_CHATEGAY 23792	107.80 -3.34 0.00 N	31.89 -1.09 0.00 N	39.60 -1.33 0.00 N	35.71 -1.13 0.00 N	20.49 -0.77 0.00 N	53.94 -2.22 0.00 N	179.46 -8.36 0.00 N	154.10 -6.25 0.00 N	139.57 -5.86 0.00 N	157.89 -6.64 0.00 N	207.17 -8.87 0.00 N	39.63 -1.96 0.00 N	33.27 -1.68 0.00 N	30.49 -1.46 0.00 N	14.78 -0.64 0.00 N	24.86 -1.02 0.00 N	35.66 -1.61 0.00 N	71.08 -3.22 0.00 N	28.12 -1.26 0.00 N	51.40 -2.26 0.00 N	87.05 -3.97 0.00 N	18.07 -0.70 0.00 N	71.82 -2.95 0.00 N	68.79 -3.36 0.00 N
NEG NORTH___ALICE_FALLS 23915	107.16 -3.97 0.00 N	31.68 -1.30 0.00 N	39.31 -1.61 0.00 N	35.45 -1.39 0.00 N	20.33 -0.93 0.00 N	53.55 -2.61 0.00 N	178.41 -9.41 0.00 N	153.53 -6.82 0.00 N	139.16 -6.27 0.00 N	157.40 -7.14 0.00 N	206.56 -9.47 0.00 N	39.51 -2.09 0.00 N	33.16 -1.79 0.00 N	30.38 -1.56 0.00 N	14.73 -0.69 0.00 N	24.76 -1.12 0.00 N	35.54 -1.74 0.00 N	70.81 -3.48 0.00 N	28.03 -1.35 0.00 N	51.28 -2.38 0.00 N	86.88 -4.14 0.00 N	18.03 -0.74 0.00 N	71.53 -3.24 0.00 N	68.31 -3.83 0.00 N
NEG NORTH___LWR_SARANAC 23913	107.16 -3.97 0.00 N	31.68 -1.30 0.00 N	39.31 -1.61 0.00 N	35.45 -1.39 0.00 N	20.33 -0.93 0.00 N	53.56 -2.61 0.00 N	178.41 -9.41 0.00 N	153.53 -6.82 0.00 N	139.16 -6.27 0.00 N	157.40 -7.14 0.00 N	206.56 -9.47 0.00 N	39.51 -2.09 0.00 N	33.16 -1.79 0.00 N	30.38 -1.56 0.00 N	14.73 -0.69 0.00 N	24.76 -1.12 0.00 N	35.54 -1.74 0.00 N	70.82 -3.48 0.00 N	28.03 -1.35 0.00 N	51.28 -2.38 0.00 N	86.88 -4.14 0.00 N	18.03 -0.74 0.00 N	71.53 -3.24 0.00 N	68.31 -3.83 0.00 N
NEG NORTH___PLATTSBURG 23628	107.16 -3.97 0.00 N	31.68 -1.30 0.00 N	39.31 -1.61 0.00 N	35.45 -1.39 0.00 N	20.33 -0.93 0.00 N	53.55 -2.61 0.00 N	178.41 -9.41 0.00 N	153.53 -6.82 0.00 N	139.16 -6.27 0.00 N	157.40 -7.14 0.00 N	206.56 -9.47 0.00 N	39.51 -2.09 0.00 N	33.16 -1.79 0.00 N	30.38 -1.56 0.00 N	14.73 -0.69 0.00 N	24.76 -1.12 0.00 N	35.54 -1.74 0.00 N	70.81 -3.48 0.00 N	28.03 -1.35 0.00 N	51.28 -2.38 0.00 N	86.88 -4.14 0.00 N	18.03 -0.74 0.00 N	71.53 -3.24 0.00 N	68.31 -3.83 0.00 N
NEG WEST_LEA_LOCKPORT 23791	101.92 -10.04 -0.81 N	30.81 -2.55 -0.38 N	38.07 -3.48 -0.63 N	35.39 -3.14 -1.70 N	25.56 -1.57 -5.87 N	51.69 -4.48 0.00 N	174.98 -12.98 -0.14 N	148.33 -12.02 0.00 N	135.58 -9.85 0.00 N	154.57 -9.97 0.00 N	202.67 -13.60 -0.24 N	51.79 -2.96 -13.16 N	39.10 -2.27 -6.42 N	37.36 -2.08 -7.50 N	31.30 -0.97 -16.85 N	33.18 -1.84 -9.14 N	39.78 -2.83 -5.34 N	72.95 -6.07 -4.72 N	40.88 -2.33 -13.83 N	50.34 -4.72 -1.40 N	83.50 0.00 0.00 N	16.95 -1.82 0.00 N	68.79 -5.97 0.00 N	65.83 -6.39 -0.07 N
NEG WEST___LANCASTER 23811	104.71 -7.44 -1.01 N	31.36 -2.09 -0.47 N	38.78 -2.93 -0.79 N	36.30 -2.64 -2.11 N	27.25 -1.32 -7.31 N	52.95 -3.22 0.00 N	181.09 -6.90 -0.17 N	153.69 -6.66 0.00 N	139.95 -5.48 0.00 N	160.21 -4.33 0.00 N	209.52 -6.83 -0.31 N	56.60 -1.75 -16.76 N	41.61 -1.52 -8.17 N	40.12 -1.38 -9.56 N	36.25 -0.64 -21.47 N	36.38 -1.15 -11.65 N	42.21 -1.77 -6.70 N	76.52 -3.67 -5.90 N	45.19 -1.50 -17.31 N	52.49 -2.93 -1.76 N	86.67 -4.35 0.00 N	17.49 -1.27 0.00 N	71.21 -3.56 0.00 N	67.40 -4.84 -0.09 N
NEG PENN_ALLEGHNY 23528	114.26 1.12 -2.00 N	34.29 0.38 -0.93 N	42.82 0.35 -1.55 N	41.26 0.25 -4.17 N	35.96 0.27 -14.43 N	57.30 1.14 0.00 N	194.56 6.41 -0.33 N	165.83 5.48 0.00 N	150.50 5.07 0.00 N	170.96 6.42 0.00 N	224.42 7.77 -0.61 N	76.29 1.34 -33.37 N	52.28 1.06 -16.27 N	51.97 1.00 -19.02 N	58.62 0.47 -42.73 N	49.85 0.79 -23.18 N	51.92 1.15 -13.50 N	88.55 2.34 -11.91 N	65.17 0.84 -34.95 N	58.80 1.59 -3.55 N	94.21 3.20 0.00 N	19.21 0.44 0.00 N	76.95 2.19 0.00 N	73.42 1.08 -0.19 N



NEG__GEN_MONROE 24207	107.68 -4.12 -0.66 N	32.32 -0.97 -0.31 N	39.96 -1.48 -0.51 N	36.86 -1.35 -1.37 N	25.46 -0.55 -4.75 N	54.71 -1.46 0.00 N	185.83 -2.10 -0.11 N	158.83 -1.52 0.00 N	144.87 -0.55 0.00 N	164.65 0.11 0.00 N	216.00 -0.23 -0.19 N	51.88 -0.33 -10.61 N	39.99 -0.13 -5.17 N	37.85 -0.14 -6.05 N	28.97 -0.05 -13.59 N	32.99 -0.27 -7.38 N	41.06 -0.52 -4.30 N	76.78 -1.32 -3.80 N	40.08 -0.45 -11.15 N	53.75 -1.05 -1.13 N	89.83 -1.18 0.00 N	18.41 -0.36 0.00 N	73.30 -1.46 0.00 N	69.91 -2.29 -0.06 N
NEPA__ENERGY 23901	106.65 -5.65 -1.15 N	31.80 -1.71 -0.54 N	39.36 -2.46 -0.90 N	37.01 -2.22 -2.40 N	28.48 -1.10 -8.32 N	54.08 -2.09 0.00 N	186.51 -1.50 -0.19 N	158.11 -2.25 0.00 N	143.03 -2.40 0.00 N	163.38 -1.16 0.00 N	213.26 -3.12 -0.35 N	59.31 -1.11 -18.83 N	42.89 -1.25 -9.18 N	41.56 -1.12 -10.73 N	39.05 -0.48 -24.11 N	38.22 -0.75 -13.09 N	43.83 -1.07 -7.62 N	79.22 -1.81 -6.73 N	48.26 -0.87 -19.74 N	54.11 -1.56 -2.01 N	88.81 -2.20 0.00 N	17.76 -1.01 0.00 N	72.90 -1.87 0.00 N	68.44 -3.81 -0.11 N
NEVERSINK__HYD 23608	124.10 8.00 -4.96 N	37.60 2.31 -2.32 N	47.68 2.90 -3.85 N	49.77 2.59 -10.34 N	58.61 1.56 -35.79 N	60.73 4.57 0.00 N	205.35 16.71 -0.83 N	174.19 13.84 0.00 N	158.15 12.72 0.00 N	175.06 10.52 0.00 N	231.70 14.17 -1.50 N	125.83 2.76 -81.49 N	77.31 2.54 -39.82 N	80.88 2.29 -46.64 N	121.28 1.08 -104.77 N	84.62 1.80 -56.94 N	73.02 2.53 -33.22 N	108.52 4.90 -29.33 N	117.25 1.84 -86.03 N	66.08 3.68 -8.74 N	97.74 6.72 0.00 N	20.12 1.36 0.00 N	79.48 4.71 0.00 N	76.82 4.21 -0.46 N
NEWTON__FALLS_HYD 23847	104.53 -6.61 0.00 N	30.97 -2.01 0.00 N	38.41 -2.52 0.00 N	34.58 -2.25 0.00 N	19.97 -1.29 0.00 N	52.86 -3.30 0.00 N	177.76 -10.06 0.00 N	152.94 -7.41 0.00 N	138.54 -6.89 0.00 N	156.74 -7.80 0.00 N	205.91 -10.13 0.00 N	39.51 -2.08 0.00 N	33.13 -1.82 0.00 N	30.30 -1.65 0.00 N	14.65 -0.77 0.00 N	24.51 -1.37 0.00 N	35.31 -1.97 0.00 N	70.26 -4.04 0.00 N	27.85 -1.54 0.00 N	50.89 -2.78 0.00 N	86.54 -4.47 0.00 N	17.93 -0.84 0.00 N	70.60 -4.17 0.00 N	67.81 -4.33 0.00 N
NIAGARA____ 23760	100.29 -11.66 -0.80 N	30.37 -2.98 -0.38 N	37.55 -4.00 -0.63 N	34.91 -3.60 -1.68 N	25.21 -1.85 -5.80 N	50.80 -5.36 0.00 N	171.44 -16.52 -0.13 N	145.07 -15.28 0.00 N	132.61 -12.82 0.00 N	151.18 -13.35 0.00 N	198.29 -17.99 -0.24 N	50.82 -3.78 -13.01 N	38.37 -2.93 -6.35 N	36.68 -2.68 -7.42 N	30.83 -1.26 -16.67 N	32.60 -2.33 -9.05 N	39.02 -3.53 -5.28 N	71.46 -7.50 -4.66 N	40.16 -2.90 -13.68 N	49.26 -5.79 -1.39 N	81.61 -9.41 0.00 N	16.58 -2.19 0.00 N	67.41 -7.36 0.00 N	64.69 -7.52 -0.07 N
NINE_MILE_1 23575	107.83 -3.64 -0.33 N	32.12 -1.01 -0.16 N	39.87 -1.32 -0.26 N	36.31 -1.23 -0.70 N	23.03 -0.64 -2.41 N	54.50 -1.66 0.00 N	182.95 -4.93 -0.06 N	156.28 -4.07 0.00 N	141.95 -3.48 0.00 N	160.60 -3.94 0.00 N	210.86 -5.28 -0.10 N	45.94 -1.07 -5.42 N	36.72 -0.88 -2.65 N	34.23 -0.81 -3.09 N	21.98 -0.40 -6.95 N	28.95 -0.70 -3.77 N	38.47 -1.00 -2.20 N	74.26 -1.98 -1.94 N	34.30 -0.77 -5.70 N	52.79 -1.45 -0.58 N	88.74 -2.27 0.00 N	18.25 -0.52 0.00 N	72.71 -2.05 0.00 N	69.96 -2.21 -0.03 N
NINE_MILE_2 23744	107.85 -3.62 -0.33 N	32.12 -1.01 -0.16 N	39.87 -1.32 -0.26 N	36.31 -1.23 -0.70 N	23.03 -0.64 -2.41 N	54.51 -1.66 0.00 N	182.95 -4.93 -0.06 N	156.33 -4.02 0.00 N	141.97 -3.46 0.00 N	160.60 -3.94 0.00 N	210.86 -5.28 -0.10 N	45.94 -1.07 -5.42 N	36.72 -0.88 -2.65 N	34.23 -0.81 -3.09 N	21.98 -0.39 -6.95 N	28.95 -0.70 -3.77 N	38.48 -0.99 -2.20 N	74.27 -1.97 -1.94 N	34.30 -0.77 -5.70 N	52.81 -1.43 -0.58 N	88.74 -2.27 0.00 N	18.27 -0.50 0.00 N	72.73 -2.04 0.00 N	69.99 -2.19 -0.03 N
NM_CAPITAL__DRP 24208	125.08 6.57 -7.38 N	38.27 1.84 -3.45 N	49.02 2.36 -5.73 N	54.39 2.17 -15.38 N	75.77 1.28 -53.23 N	59.62 3.46 0.00 N	201.22 12.17 -1.23 N	170.24 9.89 0.00 N	154.51 9.08 0.00 N	174.72 10.18 0.00 N	232.12 13.85 -2.23 N	165.74 2.73 -121.41 N	96.11 2.14 -59.02 N	102.68 1.94 -68.79 N	170.92 0.95 -154.54 N	111.31 1.57 -83.86 N	88.42 2.26 -48.88 N	122.00 4.55 -43.15 N	157.77 1.80 -126.59 N	69.78 3.26 -12.85 N	96.62 5.61 0.00 N	19.94 1.17 0.00 N	79.11 4.34 0.00 N	76.94 4.11 -0.69 N
NM_CENTRAL__DRP 24181	110.72 -0.99 -0.58 N	33.01 -0.24 -0.27 N	40.94 -0.43 -0.45 N	37.56 -0.49 -1.21 N	25.29 -0.16 -4.18 N	55.93 -0.23 0.00 N	188.88 0.96 -0.10 N	161.66 1.31 0.00 N	146.97 1.54 0.00 N	166.79 2.25 0.00 N	218.96 2.76 -0.17 N	51.31 0.43 -9.28 N	39.86 0.38 -4.53 N	37.59 0.35 -5.30 N	27.49 0.17 -11.90 N	32.58 0.24 -6.46 N	41.36 0.32 -3.76 N	78.20 0.58 -3.32 N	39.35 0.22 -9.75 N	55.04 0.39 -0.99 N	92.03 1.02 0.00 N	18.92 0.16 0.00 N	75.10 0.34 0.00 N	71.93 -0.27 -0.05 N
NM_FRONTIER__DRP 24179	100.54 -11.42 -0.82 N	30.45 -2.91 -0.38 N	37.66 -3.91 -0.64 N	35.03 -3.52 -1.71 N	25.40 -1.79 -5.93 N	50.94 -5.22 0.00 N	171.97 -15.98 -0.14 N	145.43 -14.92 0.00 N	132.94 -12.49 0.00 N	151.57 -12.97 0.00 N	198.79 -17.49 -0.24 N	51.21 -3.69 -13.30 N	38.60 -2.84 -6.49 N	36.92 -2.61 -7.59 N	31.24 -1.22 -17.04 N	32.86 -2.27 -9.25 N	39.23 -3.45 -5.40 N	71.72 -7.35 -4.77 N	40.53 -2.84 -13.99 N	49.39 -5.69 -1.42 N	81.79 -9.23 0.00 N	16.59 -2.18 0.00 N	67.55 -7.22 0.00 N	64.83 -7.38 -0.08 N
NM_ST_REGIS__HYD 24053	105.61 -5.53 0.00 N	31.27 -1.70 0.00 N	38.84 -2.08 0.00 N	35.02 -1.82 0.00 N	20.14 -1.11 0.00 N	53.07 -3.10 0.00 N	177.07 -10.75 0.00 N	152.21 -8.14 0.00 N	137.67 -7.76 0.00 N	155.65 -8.89 0.00 N	204.31 -11.73 0.00 N	39.14 -2.45 0.00 N	32.83 -2.12 0.00 N	30.08 -1.87 0.00 N	14.56 -0.86 0.00 N	24.42 -1.46 0.00 N	35.13 -2.14 0.00 N	69.94 -4.36 0.00 N	27.71 -1.68 0.00 N	50.68 -2.98 0.00 N	85.78 -5.24 0.00 N	17.80 -0.97 0.00 N	70.52 -4.25 0.00 N	67.72 -4.43 0.00 N
NORTHPORT__1 23551	128.50 11.44 -5.92 N	39.12 3.38 -2.77 N	49.47 3.94 -4.60 N	52.56 3.38 -12.35 N	66.01 2.03 -42.72 N	62.05 5.88 0.00 N	210.21 21.41 -0.99 N	183.53 18.55 -4.63 N	161.39 15.96 0.00 N	182.74 18.20 0.00 N	239.90 22.07 -1.79 N	143.43 4.38 -97.46 N	109.71 4.28 -70.48 N	118.45 3.90 -82.60 N	138.11 1.75 -120.94 N	93.58 3.05 -64.65 N	79.74 4.61 -37.85 N	117.01 8.99 -33.72 N	131.49 3.00 -99.10 N	62.03 6.25 -2.12 N	99.83 11.39 2.57 N	18.28 2.29 2.78 N	106.14 9.50 -21.87 N	87.12 8.90 -6.07 N
NORTHPORT__2 23552	128.50 11.44 -5.92 N	39.12 3.38 -2.77 N	49.47 3.94 -4.60 N	52.56 3.38 -12.35 N	66.01 2.03 -42.72 N	62.05 5.88 0.00 N	210.21 21.41 -0.99 N	183.53 18.55 -4.63 N	161.39 15.96 0.00 N	182.74 18.20 0.00 N	239.90 22.07 -1.79 N	143.43 4.38 -97.46 N	109.71 4.28 -70.48 N	118.45 3.90 -82.60 N	138.11 1.75 -120.94 N	93.58 3.05 -64.65 N	79.74 4.61 -37.85 N	117.01 8.99 -33.72 N	131.49 3.00 -99.10 N	62.03 6.25 -2.12 N	99.83 11.39 2.57 N	18.28 2.29 2.78 N	106.14 9.50 -21.87 N	87.12 8.90 -6.07 N
NORTHPORT__3 23553	127.97 10.91 -5.92 N	38.89 3.14 -2.77 N	49.17 3.65 -4.60 N	52.29 3.10 -12.35 N	65.84 1.85 -42.72 N	61.61 5.44 0.00 N	208.52 19.71 -0.99 N	182.18 17.20 -4.63 N	160.71 15.28 0.00 N	181.96 17.42 0.00 N	239.20 21.37 -1.79 N	143.35 4.30 -97.46 N	109.51 4.08 -70.48 N	118.31 3.77 -82.60 N	138.09 1.72 -120.94 N	93.33 2.95 -64.51 N	79.26 4.42 -37.56 N	116.73 8.72 -33.71 N	131.44 2.95 -99.10 N	60.60 5.98 -0.95 N	99.08 11.02 2.95 N	17.80 2.25 3.22 N	105.52 8.88 -21.87 N	86.53 8.31 -6.07 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
NORTHPORT___4 23650	127.97 10.91 -5.92 N	38.89 3.14 -2.77 N	49.17 3.65 -4.60 N	52.29 3.10 -12.35 N	65.84 1.85 -42.72 N	61.61 5.44 0.00 N	208.52 19.71 -0.99 N	182.18 17.20 -4.63 N	160.71 15.28 0.00 N	181.96 17.42 0.00 N	239.20 21.37 -1.79 N	143.35 4.30 -97.46 N	109.51 4.08 -70.48 N	118.31 3.77 -82.60 N	138.09 1.72 -120.94 N	93.33 2.95 -64.51 N	79.26 4.42 -37.56 N	116.73 8.72 -33.71 N	131.44 2.95 -99.10 N	60.60 5.98 -0.95 N	99.08 11.02 2.95 N	17.80 2.25 3.22 N	105.52 8.88 -21.87 N	86.53 8.31 -6.07 N
NORTHPORT___IC 23718	128.50 11.44 -5.92 N	39.12 3.38 -2.77 N	49.47 3.94 -4.60 N	52.56 3.38 -12.35 N	66.01 2.03 -42.72 N	62.05 5.88 0.00 N	210.21 21.41 -0.99 N	183.53 18.55 -4.63 N	161.39 15.96 0.00 N	182.74 18.20 0.00 N	239.90 22.07 -1.79 N	143.43 4.38 -97.46 N	109.71 4.28 -70.48 N	118.45 3.90 -82.60 N	138.11 1.75 -120.94 N	93.58 3.05 -64.65 N	79.74 4.61 -37.85 N	117.01 8.99 -33.72 N	131.49 3.00 -99.10 N	62.03 6.25 -2.12 N	99.83 11.39 2.57 N	18.28 2.29 2.78 N	106.14 9.50 -21.87 N	87.12 8.90 -6.07 N
NPX_GEN_1385_PROXY 323591	128.50 11.44 -5.92 N	39.12 3.38 -2.77 N	49.47 3.94 -4.60 N	52.56 3.38 -12.35 N	66.01 2.03 -42.72 N	62.05 5.88 0.00 N	210.21 21.41 -0.99 N	116.59 8.70 -32.79 N	140.40 33.29 179.88 N	182.74 18.20 0.00 N	239.90 22.07 -1.79 N	143.43 4.38 -97.46 N	120.40 2.27 -99.67 N	118.45 3.90 -82.60 N	138.11 1.75 -120.94 N	93.58 3.05 -64.65 N	79.74 4.61 -37.85 N	117.01 8.99 -33.72 N	131.49 3.00 -99.10 N	62.03 6.25 -2.12 N	99.83 11.39 2.57 N	18.28 2.29 2.78 N	106.14 9.50 -21.87 N	87.12 8.90 -6.07 N
NPX_GEN_CSC 323557	130.85 13.79 -5.92 N	39.77 4.02 -2.77 N	50.24 4.71 -4.60 N	53.25 4.07 -12.35 N	66.43 2.44 -42.72 N	63.11 6.94 0.00 N	214.62 25.81 -0.99 N	118.48 10.58 -32.79 N	145.41 38.30 179.88 N	184.67 20.13 0.00 N	239.91 22.08 -1.79 N	143.51 4.46 -97.46 N	120.50 2.36 -99.67 N	118.56 4.01 -82.60 N	138.16 1.80 -120.94 N	93.71 3.11 -64.73 N	80.00 4.72 -38.01 N	117.24 9.21 -33.72 N	131.59 3.10 -99.10 N	62.89 6.49 -2.73 N	100.79 12.15 2.38 N	18.72 2.51 2.56 N	107.47 10.83 -21.87 N	88.66 10.44 -6.07 N
NSINS_S_GLNS_FALLS 23858	120.06 1.37 -7.56 N	36.68 0.17 -3.53 N	47.29 0.50 -5.87 N	53.17 0.59 -15.75 N	76.09 0.33 -54.50 N	57.00 0.84 0.00 N	193.44 4.36 -1.26 N	163.89 3.54 0.00 N	148.62 3.19 0.00 N	168.01 3.47 0.00 N	224.24 5.92 -2.29 N	167.06 1.16 -124.31 N	96.07 0.69 -60.43 N	102.98 0.60 -70.43 N	173.97 0.34 -158.21 N	112.16 0.43 -85.85 N	87.91 0.60 -50.04 N	119.85 1.38 -44.18 N	159.67 0.69 -129.59 N	67.95 1.13 -13.16 N	92.91 1.90 0.00 N	19.31 0.54 0.00 N	76.08 1.31 0.00 N	74.05 1.20 -0.70 N
NUCOR_STEEL___DRP 24197	110.32 -1.58 -0.76 N	33.35 0.02 -0.36 N	41.25 -0.26 -0.59 N	37.83 -0.60 -1.59 N	26.98 0.22 -5.50 N	56.48 0.31 0.00 N	191.45 3.50 -0.13 N	164.35 4.00 0.00 N	149.49 4.07 0.00 N	168.49 3.95 0.00 N	221.06 4.81 -0.21 N	53.68 0.56 -11.53 N	41.25 0.68 -5.62 N	39.12 0.60 -6.57 N	30.60 0.41 -14.77 N	34.61 0.71 -8.01 N	42.55 0.60 -4.67 N	79.05 0.63 -4.13 N	41.77 0.28 -12.10 N	55.66 0.77 -1.23 N	92.49 1.48 0.00 N	18.97 0.20 0.00 N	75.13 0.36 0.00 N	71.46 -0.75 -0.07 N
NYISO_LBMP_REFERENCE 24008	111.14 0.00 0.00 N	32.98 0.00 0.00 N	40.93 0.00 0.00 N	36.84 0.00 0.00 N	21.26 0.00 0.00 N	56.16 0.00 0.00 N	187.82 0.00 0.00 N	160.35 0.00 0.00 N	145.43 0.00 0.00 N	164.54 0.00 0.00 N	216.04 0.00 0.00 N	41.59 0.00 0.00 N	34.95 0.00 0.00 N	31.94 0.00 0.00 N	15.42 0.00 0.00 N	25.88 0.00 0.00 N	37.28 0.00 0.00 N	74.30 0.00 0.00 N	29.38 0.00 0.00 N	53.66 0.00 0.00 N	91.01 0.00 0.00 N	18.77 0.00 0.00 N	74.76 0.00 0.00 N	72.14 0.00 0.00 N
NYPA_BRENTWD____GT 24164	129.81 12.75 -5.92 N	39.45 3.70 -2.77 N	49.83 4.31 -4.60 N	52.88 3.70 -12.35 N	66.19 2.21 -42.72 N	62.61 6.44 0.00 N	212.56 23.75 -0.99 N	185.84 20.86 -4.63 N	163.44 18.01 0.00 N	185.17 20.63 0.00 N	242.19 24.36 -1.79 N	143.91 4.86 -97.46 N	110.12 4.69 -70.48 N	118.81 4.27 -82.60 N	138.29 1.93 -120.94 N	94.03 3.34 -64.81 N	80.46 5.02 -38.17 N	117.85 9.82 -33.73 N	131.83 3.34 -99.10 N	63.94 6.90 -3.38 N	101.50 12.65 2.16 N	18.99 2.54 2.32 N	107.37 10.73 -21.87 N	88.07 9.85 -6.07 N
NYPA_GOWANUS____GT5 24156	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NYPA_GOWANUS____GT6 24157	127.02 9.96 -5.92 N	38.64 2.90 -2.77 N	48.94 3.42 -4.60 N	52.08 2.90 -12.35 N	65.69 1.71 -42.72 N	61.18 5.01 0.00 N	207.19 18.38 -0.99 N	175.86 15.51 0.00 N	161.10 15.67 0.00 N	182.53 17.99 0.00 N	241.56 23.73 -1.79 N	143.73 4.68 -97.46 N	85.77 4.07 -46.75 N	89.40 3.63 -53.83 N	138.10 1.75 -120.93 N	94.46 2.95 -65.64 N	79.85 4.31 -38.26 N	116.61 8.53 -33.78 N	131.60 3.12 -99.09 N	69.66 5.93 -10.06 N	101.90 10.89 0.00 N	20.87 2.11 0.00 N	83.01 8.24 0.00 N	80.13 7.45 -0.54 N
NYPA_HARLEM__RVR__GT1 24160	126.68 9.62 -5.92 N	38.54 2.80 -2.77 N	48.84 3.32 -4.60 N	52.00 2.82 -12.35 N	65.67 1.68 -42.72 N	61.06 4.90 0.00 N	205.54 16.74 -0.99 N	174.47 14.12 0.00 N	160.63 15.20 0.00 N	181.84 17.30 0.00 N	240.17 22.34 -1.79 N	143.49 4.44 -97.46 N	85.59 3.89 -46.75 N	89.20 3.48 -53.78 N	138.02 1.68 -120.93 N	94.35 2.84 -65.64 N	79.67 4.14 -38.26 N	116.25 8.17 -33.78 N	131.44 2.96 -99.09 N	69.41 5.69 -10.06 N	101.43 10.42 0.00 N	20.75 1.98 0.00 N	82.71 7.94 0.00 N	79.96 7.28 -0.54 N
NYPA_HARLEM__RVR__GT2 24161	126.68 9.62 -5.92 N	38.54 2.80 -2.77 N	48.84 3.32 -4.60 N	52.00 2.82 -12.35 N	65.67 1.68 -42.72 N	61.06 4.90 0.00 N	205.54 16.74 -0.99 N	174.47 14.12 0.00 N	160.63 15.20 0.00 N	181.84 17.30 0.00 N	240.17 22.34 -1.79 N	143.49 4.44 -97.46 N	85.59 3.89 -46.75 N	89.20 3.48 -53.78 N	138.02 1.68 -120.93 N	94.35 2.84 -65.64 N	79.67 4.14 -38.26 N	116.25 8.17 -33.78 N	131.44 2.96 -99.09 N	69.41 5.69 -10.06 N	101.43 10.42 0.00 N	20.75 1.98 0.00 N	82.71 7.94 0.00 N	79.96 7.28 -0.54 N
NYPA_KENT____GT 24152	126.86 9.80 -5.92 N	38.60 2.86 -2.77 N	48.91 3.38 -4.60 N	52.06 2.88 -12.35 N	65.68 1.70 -42.72 N	61.13 4.96 0.00 N	206.83 18.03 -0.99 N	175.52 15.16 0.00 N	160.78 15.35 0.00 N	182.20 17.66 0.00 N	241.06 23.23 -1.79 N	143.64 4.59 -97.46 N	85.70 4.00 -46.75 N	89.35 3.58 -53.83 N	138.07 1.72 -120.93 N	94.43 2.91 -65.64 N	79.80 4.26 -38.26 N	116.52 8.44 -33.78 N	131.56 3.09 -99.09 N	69.59 5.86 -10.06 N	101.77 10.75 0.00 N	20.87 2.10 0.00 N	82.88 8.11 0.00 N	80.01 7.33 -0.54 N
NYPA_POUCH1____GT	126.94	38.61	48.91	52.06	65.68	61.13	207.10	175.72	160.92	182.25	241.07	143.65	85.68	89.33	138.07	94.40	79.74	116.40	131.52	69.51	101.62	20.83	82.87	80.02



24155	9.88 -5.92 N	2.86 -2.77 N	3.38 -4.60 N	2.88 -12.35 N	1.69 -42.72 N	4.96 0.00 N	18.30 -0.99 N	15.37 0.00 N	15.49 0.00 N	17.71 0.00 N	23.25 -1.79 N	4.60 -97.46 N	3.99 -46.75 N	3.55 -53.83 N	1.72 -120.93 N	2.89 -65.64 N	4.21 -38.26 N	8.33 -33.78 N	3.04 -99.09 N	5.78 -10.06 N	10.61 0.00 N	2.06 0.00 N	8.11 0.00 N	7.33 -0.54 N
NYPA_VERNON____GT2 24162	126.67 9.61 -5.92 N	38.57 2.83 -2.77 N	48.87 3.34 -4.60 N	52.03 2.85 -12.35 N	65.67 1.69 -42.72 N	61.08 4.92 0.00 N	206.49 17.68 -0.99 N	175.18 14.83 0.00 N	160.46 15.03 0.00 N	181.87 17.32 0.00 N	240.62 22.80 -1.79 N	143.54 4.49 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.70 -120.93 N	94.39 2.87 -65.64 N	79.75 4.21 -38.26 N	116.43 8.35 -33.78 N	131.52 3.05 -99.09 N	69.53 5.80 -10.06 N	101.64 10.63 0.00 N	20.85 2.08 0.00 N	82.76 7.99 0.00 N	79.91 7.23 -0.54 N
NYPA_VERNON____GT3 24163	126.67 9.61 -5.92 N	38.57 2.83 -2.77 N	48.87 3.34 -4.60 N	52.03 2.85 -12.35 N	65.67 1.69 -42.72 N	61.08 4.92 0.00 N	206.49 17.68 -0.99 N	175.18 14.83 0.00 N	160.46 15.03 0.00 N	181.87 17.32 0.00 N	240.62 22.80 -1.79 N	143.54 4.49 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.70 -120.93 N	94.39 2.87 -65.64 N	79.75 4.21 -38.26 N	116.43 8.35 -33.78 N	131.52 3.05 -99.09 N	69.53 5.80 -10.06 N	101.64 10.63 0.00 N	20.85 2.08 0.00 N	82.76 7.99 0.00 N	79.91 7.23 -0.54 N
NYPA____ASTORIA_CC1 323568	126.59 9.53 -5.92 N	38.54 2.80 -2.77 N	48.84 3.31 -4.60 N	52.00 2.82 -12.35 N	65.66 1.67 -42.72 N	61.04 4.87 0.00 N	206.21 17.41 -0.99 N	174.98 14.62 0.00 N	160.42 14.99 0.00 N	181.74 17.20 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.69 -120.93 N	94.38 2.86 -65.64 N	79.74 4.20 -38.26 N	116.37 8.29 -33.78 N	131.50 3.02 -99.09 N	69.50 5.77 -10.06 N	101.56 10.54 0.00 N	20.80 2.03 0.00 N	82.68 7.92 0.00 N	79.83 7.15 -0.54 N
NYPA____ASTORIA_CC2 323569	126.59 9.53 -5.92 N	38.54 2.80 -2.77 N	48.84 3.31 -4.60 N	52.00 2.82 -12.35 N	65.66 1.67 -42.72 N	61.04 4.87 0.00 N	206.21 17.41 -0.99 N	174.98 14.62 0.00 N	160.42 14.99 0.00 N	181.74 17.20 0.00 N	240.44 22.61 -1.79 N	143.53 4.48 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.69 -120.93 N	94.38 2.86 -65.64 N	79.74 4.20 -38.26 N	116.37 8.29 -33.78 N	131.50 3.02 -99.09 N	69.50 5.77 -10.06 N	101.56 10.54 0.00 N	20.80 2.03 0.00 N	82.68 7.92 0.00 N	79.83 7.15 -0.54 N
NYPA____HOLTSVILL 23794	129.71 12.65 -5.92 N	39.45 3.71 -2.77 N	49.85 4.32 -4.60 N	52.90 3.72 -12.35 N	66.22 2.24 -42.72 N	62.65 6.49 0.00 N	212.78 23.97 -0.99 N	185.85 20.87 -4.63 N	162.72 17.29 0.00 N	184.31 19.77 0.00 N	240.99 23.16 -1.79 N	143.70 4.65 -97.46 N	109.97 4.54 -70.48 N	118.69 4.15 -82.60 N	138.23 1.87 -120.94 N	93.83 3.23 -64.72 N	80.15 4.89 -37.99 N	117.56 9.54 -33.72 N	131.72 3.23 -99.10 N	63.03 6.70 -2.66 N	101.00 12.38 2.40 N	18.73 2.54 2.58 N	107.10 10.46 -21.87 N	88.02 9.80 -6.07 N
NYPA____HELLGATE_GT1 24158	126.68 9.62 -5.92 N	38.54 2.80 -2.77 N	48.84 3.32 -4.60 N	52.00 2.82 -12.35 N	65.67 1.68 -42.72 N	61.06 4.90 0.00 N	205.54 16.74 -0.99 N	174.47 14.12 0.00 N	160.63 15.20 0.00 N	181.84 17.30 0.00 N	240.09 22.26 -1.79 N	143.49 4.44 -97.46 N	85.59 3.89 -46.75 N	89.31 3.48 -53.89 N	138.03 1.68 -120.93 N	94.35 2.84 -65.64 N	79.67 4.14 -38.26 N	116.25 8.17 -33.78 N	131.44 2.96 -99.09 N	69.41 5.69 -10.06 N	101.44 10.42 0.00 N	20.75 1.98 0.00 N	82.71 7.94 0.00 N	79.96 7.28 -0.54 N
NYPA____HELLGATE_GT2 24159	126.68 9.62 -5.92 N	38.54 2.80 -2.77 N	48.84 3.32 -4.60 N	52.00 2.82 -12.35 N	65.67 1.68 -42.72 N	61.06 4.90 0.00 N	205.54 16.74 -0.99 N	174.47 14.12 0.00 N	160.63 15.20 0.00 N	181.84 17.30 0.00 N	240.09 22.26 -1.79 N	143.49 4.44 -97.46 N	85.59 3.89 -46.75 N	89.31 3.48 -53.89 N	138.03 1.68 -120.93 N	94.35 2.84 -65.64 N	79.67 4.14 -38.26 N	116.25 8.17 -33.78 N	131.44 2.96 -99.09 N	69.41 5.69 -10.06 N	101.44 10.42 0.00 N	20.75 1.98 0.00 N	82.71 7.94 0.00 N	79.96 7.28 -0.54 N
NYS_BARGE____HYD 23848	102.18 -9.77 -0.81 N	30.88 -2.47 -0.38 N	38.16 -3.40 -0.63 N	35.46 -3.06 -1.68 N	25.57 -1.51 -5.82 N	51.83 -4.34 0.00 N	175.51 -12.44 -0.13 N	148.81 -11.54 0.00 N	136.03 -9.40 0.00 N	155.07 -9.47 0.00 N	203.33 -12.94 -0.24 N	51.82 -2.83 -13.06 N	39.16 -2.16 -6.37 N	37.40 -1.98 -7.44 N	31.22 -0.93 -16.72 N	33.19 -1.76 -9.08 N	39.85 -2.72 -5.30 N	73.13 -5.84 -4.68 N	40.86 -2.24 -13.73 N	50.50 -4.56 -1.39 N	83.78 -7.23 0.00 N	17.01 -1.76 0.00 N	69.02 -5.75 0.00 N	66.04 -6.18 -0.07 N
O.H_GEN_BRUCE 24063	100.34 -11.58 -0.78 N	35.00 -4.54 6.19 N	37.54 -3.99 -0.61 N	30.00 -4.21 6.27 N	25.05 -1.84 -5.63 N	50.80 -5.36 0.00 N	171.62 -16.33 -0.13 N	65.01 -8.12 1.98 N	72.37 -27.22 187.40 N	151.38 -13.16 0.00 N	198.54 -17.73 -0.23 N	50.48 -3.74 -12.63 N	20.00 -1.83 -3.37 N	36.50 -2.64 -7.20 N	30.34 -1.25 -16.17 N	32.36 -2.30 -8.78 N	38.91 -3.48 -5.12 N	71.43 -7.39 -4.52 N	39.79 -2.86 -13.27 N	49.28 -5.73 -1.35 N	81.73 -9.28 0.00 N	76.01 -6.30 -1.00 N	98.84 -8.64 -33.56 N	65.72 -6.65 -5.25 N
OAK ORCHARD____HYD 24046	107.18 -4.59 -0.63 N	32.14 -1.12 -0.29 N	39.78 -1.63 -0.49 N	36.64 -1.50 -1.31 N	25.11 -0.66 -4.52 N	54.34 -1.82 0.00 N	184.08 -3.84 -0.10 N	157.21 -3.15 0.00 N	143.29 -2.14 0.00 N	162.72 -1.82 0.00 N	213.57 -2.64 -0.18 N	50.93 -0.73 -10.07 N	39.38 -0.48 -4.91 N	37.24 -0.45 -5.74 N	28.12 -0.20 -12.90 N	32.40 -0.48 -7.00 N	40.55 -0.80 -4.08 N	76.04 -1.86 -3.61 N	39.27 -0.69 -10.58 N	53.26 -1.48 -1.07 N	89.00 -2.01 0.00 N	18.26 -0.50 0.00 N	72.72 -2.04 0.00 N	69.52 -2.68 -0.06 N
OCC_CHEM____DRP 24175	100.71 -11.25 -0.82 N	30.48 -2.88 -0.39 N	37.71 -3.86 -0.64 N	35.08 -3.48 -1.72 N	25.44 -1.76 -5.95 N	51.03 -5.13 0.00 N	172.26 -15.70 -0.14 N	145.73 -14.62 0.00 N	133.19 -12.24 0.00 N	151.85 -12.69 0.00 N	199.18 -17.09 -0.24 N	51.31 -3.62 -13.34 N	38.67 -2.78 -6.50 N	36.99 -2.55 -7.61 N	31.31 -1.20 -17.09 N	32.93 -2.23 -9.27 N	39.30 -3.39 -5.41 N	71.86 -7.22 -4.78 N	40.62 -2.79 -14.02 N	49.47 -5.62 -1.42 N	81.93 -9.08 0.00 N	16.64 -2.13 0.00 N	67.67 -7.09 0.00 N	64.92 -7.30 -0.08 N
OLIN_CORP_DRP 24177	101.39 -10.58 -0.84 N	30.67 -2.70 -0.39 N	37.92 -3.66 -0.66 N	35.30 -3.29 -1.76 N	25.69 -1.66 -6.09 N	51.39 -4.77 0.00 N	173.78 -14.18 -0.14 N	147.18 -13.18 0.00 N	134.47 -10.96 0.00 N	153.35 -11.19 0.00 N	201.05 -15.24 -0.25 N	52.00 -3.26 -13.67 N	39.12 -2.50 -6.67 N	37.43 -2.31 -7.80 N	31.85 -1.08 -17.51 N	33.36 -2.02 -9.50 N	39.73 -3.09 -5.54 N	72.61 -6.59 -4.90 N	41.20 -2.55 -14.36 N	49.98 -5.13 -1.46 N	82.80 -8.22 0.00 N	16.81 -1.95 0.00 N	68.29 -6.47 0.00 N	65.42 -6.80 -0.08 N
ONONDAGA_REF_OCCRA 23987	111.01 -0.78 -0.66 N	33.15 -0.13 -0.31 N	41.12 -0.31 -0.51 N	37.80 -0.40 -1.37 N	25.92 -0.07 -4.73 N	56.15 -0.01 0.00 N	189.74 1.81 -0.11 N	162.50 2.15 0.00 N	147.77 2.34 0.00 N	167.43 2.89 0.00 N	219.78 3.55 -0.19 N	52.51 0.59 -10.32 N	40.50 0.51 -5.03 N	38.29 0.46 -5.89 N	28.88 0.23 -13.23 N	33.42 0.36 -7.18 N	41.90 0.44 -4.18 N	78.77 0.78 -3.69 N	40.54 0.32 -10.84 N	55.36 0.59 -1.10 N	92.39 1.38 0.00 N	18.99 0.22 0.00 N	75.34 0.58 0.00 N	72.12 -0.08 -0.06 N



ONONDAGA___COGEN 23986	110.71 -1.08 -0.65 N	33.07 -0.21 -0.30 N	41.06 -0.37 -0.51 N	37.76 -0.43 -1.36 N	25.87 -0.09 -4.70 N	56.10 -0.06 0.00 N	189.54 1.61 -0.11 N	162.19 1.84 0.00 N	147.37 1.94 0.00 N	166.90 2.36 0.00 N	219.13 2.90 -0.19 N	52.39 0.43 -10.36 N	40.40 0.39 -5.05 N	38.21 0.36 -5.91 N	28.87 0.17 -13.28 N	33.34 0.25 -7.21 N	41.78 0.30 -4.20 N	78.50 0.49 -3.71 N	40.48 0.21 -10.88 N	55.17 0.41 -1.11 N	92.07 1.05 0.00 N	18.92 0.15 0.00 N	75.09 0.33 0.00 N	71.94 -0.27 -0.06 N
ONTARIO___LFGE 23819	110.39 -1.73 -0.98 N	33.35 -0.08 -0.46 N	41.24 -0.45 -0.76 N	38.20 -0.68 -2.05 N	28.42 0.08 -7.08 N	56.62 0.46 0.00 N	193.50 5.52 -0.16 N	165.70 5.35 0.00 N	150.92 5.50 0.00 N	171.53 6.99 0.00 N	225.26 8.94 -0.28 N	58.47 1.41 -15.46 N	43.74 1.25 -7.54 N	41.94 1.18 -8.82 N	35.85 0.61 -19.81 N	37.64 1.01 -10.75 N	44.61 1.07 -6.27 N	81.09 1.26 -5.53 N	46.03 0.42 -16.23 N	56.34 1.03 -1.65 N	92.98 1.97 0.00 N	18.89 0.12 0.00 N	75.83 1.07 0.00 N	71.50 -0.73 -0.09 N
OSWEGATCHIE___HYD 24044	104.53 -6.61 0.00 N	30.97 -2.01 0.00 N	38.41 -2.52 0.00 N	34.58 -2.25 0.00 N	19.97 -1.29 0.00 N	52.86 -10.06 0.00 N	177.76 -7.41 0.00 N	152.94 -7.41 0.00 N	138.54 -6.89 0.00 N	156.74 -7.80 0.00 N	205.91 -10.13 0.00 N	39.51 -2.08 0.00 N	33.13 -1.82 0.00 N	30.30 -1.65 0.00 N	14.65 -0.77 0.00 N	24.51 -1.37 0.00 N	35.31 -1.97 0.00 N	70.26 -4.04 0.00 N	27.85 -1.54 0.00 N	50.89 -2.78 0.00 N	86.54 -4.47 0.00 N	17.93 -0.84 0.00 N	70.60 -4.17 0.00 N	67.81 -4.33 0.00 N
OSWEGO___5 23606	108.80 -2.77 -0.44 N	32.42 -0.76 -0.20 N	40.24 -1.02 -0.34 N	36.80 -0.95 -0.91 N	23.94 -0.47 -3.16 N	54.96 -1.20 0.00 N	184.69 -3.20 -0.07 N	157.78 -2.57 0.00 N	143.31 -2.12 0.00 N	162.22 -2.32 0.00 N	212.98 -3.19 -0.13 N	48.03 -0.68 -7.12 N	37.87 -0.55 -3.47 N	35.49 -0.51 -4.06 N	24.29 -0.25 -9.12 N	30.38 -0.45 -4.95 N	39.51 -0.65 -2.88 N	75.54 -1.31 -2.55 N	36.34 -0.51 -7.47 N	53.46 -0.95 -0.76 N	89.60 -1.42 0.00 N	18.43 -0.34 0.00 N	73.38 -1.38 0.00 N	70.56 -1.63 -0.04 N
OSWEGO___6 23613	108.80 -2.77 -0.44 N	32.42 -0.76 -0.20 N	40.24 -1.02 -0.34 N	36.80 -0.95 -0.91 N	23.94 -0.47 -3.16 N	54.96 -1.20 0.00 N	184.69 -3.20 -0.07 N	157.78 -2.57 0.00 N	143.31 -2.12 0.00 N	162.22 -2.32 0.00 N	212.98 -3.19 -0.13 N	48.03 -0.68 -7.12 N	37.87 -0.55 -3.47 N	35.49 -0.51 -4.06 N	24.29 -0.25 -9.12 N	30.38 -0.45 -4.95 N	39.51 -0.65 -2.88 N	75.54 -1.31 -2.55 N	36.34 -0.51 -7.47 N	53.46 -0.95 -0.76 N	89.60 -1.42 0.00 N	18.43 -0.34 0.00 N	73.38 -1.38 0.00 N	70.56 -1.63 -0.04 N
OUTOKUMPU-AB___DRP 24206	103.07 -8.92 -0.85 N	31.13 -2.24 -0.40 N	38.48 -3.10 -0.66 N	35.80 -2.80 -1.76 N	26.00 -1.37 -6.11 N	52.28 -3.88 0.00 N	177.24 -10.72 -0.14 N	150.27 -10.08 0.00 N	137.32 -8.11 0.00 N	156.69 -7.85 0.00 N	205.46 -10.82 -0.25 N	52.87 -2.42 -13.70 N	39.79 -1.84 -6.68 N	38.06 -1.70 -7.81 N	32.18 -0.79 -17.55 N	33.87 -1.53 -9.52 N	40.45 -2.39 -5.56 N	74.03 -5.17 -4.91 N	41.80 -1.99 -14.41 N	51.05 -4.08 -1.46 N	84.66 -6.35 0.00 N	17.20 -1.57 0.00 N	69.65 -5.11 0.00 N	66.59 -5.63 -0.08 N
OXBOW___ 24026	102.16 -9.81 -0.84 N	30.89 -2.48 -0.39 N	38.18 -3.39 -0.65 N	35.52 -3.06 -1.74 N	25.77 -1.52 -6.03 N	51.79 -4.38 0.00 N	175.29 -12.67 -0.14 N	148.46 -11.89 0.00 N	135.71 -9.71 0.00 N	154.82 -9.72 0.00 N	203.03 -13.26 -0.25 N	52.24 -2.88 -13.53 N	39.35 -2.20 -6.59 N	37.63 -2.02 -7.71 N	31.80 -0.94 -17.32 N	33.48 -1.80 -9.40 N	40.00 -2.77 -5.49 N	73.19 -5.95 -4.85 N	41.31 -2.29 -14.22 N	50.43 -4.67 -1.44 N	83.61 -7.40 0.00 N	16.98 -1.79 0.00 N	68.89 -5.87 0.00 N	65.95 -6.27 -0.08 N
PEEKSKILL___ 23653	125.75 8.69 -5.91 N	38.25 2.51 -2.76 N	48.53 3.01 -4.59 N	51.74 2.58 -12.32 N	65.42 1.52 -42.64 N	60.61 4.44 0.00 N	205.33 16.52 -0.98 N	174.03 13.68 0.00 N	158.82 13.39 0.00 N	179.83 15.29 0.00 N	238.19 20.37 -1.79 N	142.87 4.01 -97.27 N	84.91 3.42 -46.53 N	88.40 3.00 -53.46 N	136.96 1.45 -120.09 N	93.52 2.46 -65.18 N	78.87 3.60 -38.00 N	115.01 7.16 -33.55 N	130.45 2.65 -98.41 N	68.73 5.07 -9.99 N	100.30 9.28 0.00 N	20.62 1.85 0.00 N	81.60 6.83 0.00 N	78.86 6.19 -0.53 N
PGE MADISON___WINDPWR 24146	114.88 2.00 -1.74 N	34.90 1.11 -0.81 N	43.31 1.03 -1.35 N	41.25 0.78 -3.63 N	34.76 0.93 -12.57 N	58.87 2.70 0.00 N	202.50 14.39 -0.29 N	174.91 14.56 0.00 N	159.45 14.02 0.00 N	187.49 22.95 0.00 N	236.90 20.17 -0.70 N	82.64 3.19 -37.85 N	55.64 2.24 -18.46 N	55.35 1.84 -21.57 N	64.70 0.81 -48.47 N	53.42 1.24 -26.30 N	54.25 1.65 -15.33 N	91.47 3.64 -13.53 N	70.68 1.60 -39.70 N	61.00 3.31 -4.03 N	99.06 8.05 0.00 N	20.12 1.35 0.00 N	79.21 4.44 0.00 N	75.27 2.92 -0.21 N
PIERCEFIELD___HYD 23852	104.75 -6.38 0.00 N	31.03 -1.94 0.00 N	38.55 -2.37 0.00 N	34.75 -2.08 0.00 N	19.99 -1.26 0.00 N	52.71 -3.45 0.00 N	175.92 -11.90 0.00 N	151.07 -9.28 0.00 N	136.57 -8.86 0.00 N	154.34 -10.20 0.00 N	202.66 -13.38 0.00 N	38.83 -2.76 0.00 N	32.58 -2.37 0.00 N	29.83 -2.11 0.00 N	14.45 -0.98 0.00 N	24.21 -1.67 0.00 N	34.86 -2.41 0.00 N	69.40 -4.89 0.00 N	27.51 -1.88 0.00 N	50.28 -3.38 0.00 N	85.07 -5.94 0.00 N	17.68 -1.09 0.00 N	69.90 -4.87 0.00 N	67.21 -4.93 0.00 N
PINELAWN_CC_1 323563	129.02 11.96 -5.92 N	39.25 3.50 -2.77 N	49.64 4.11 -4.60 N	52.71 3.53 -12.35 N	66.09 2.11 -42.72 N	62.29 6.13 0.00 N	211.11 22.30 -0.99 N	184.30 19.32 -4.63 N	161.85 16.43 0.00 N	182.89 18.35 0.00 N	240.74 22.91 -1.79 N	143.58 4.53 -97.46 N	109.76 4.33 -70.48 N	118.51 3.96 -82.61 N	138.18 1.82 -120.94 N	94.24 3.11 -65.25 N	80.98 4.66 -39.04 N	117.22 9.16 -33.76 N	131.62 3.13 -99.10 N	66.84 6.29 -6.89 N	101.50 11.51 1.03 N	20.14 2.40 1.02 N	106.76 10.12 -21.87 N	87.53 9.31 -6.07 N
PJM_GEN_KEystone 24065	111.17 -4.29 -4.32 N	22.00 1.63 25.36 N	35.00 0.94 -0.08 N	30.00 1.11 11.60 N	26.00 0.73 -3.38 N	35.00 1.07 -7.01 N	191.92 3.38 -0.72 N	102.18 5.09 21.97 N	122.26 17.48 182.22 N	165.49 0.95 0.00 N	216.90 -0.44 -1.31 N	112.16 -0.56 -71.13 N	89.41 1.18 -69.78 N	70.17 -0.67 -38.90 N	102.50 -0.29 -87.37 N	72.88 -0.43 -47.43 N	64.33 -0.58 -27.64 N	97.83 -0.87 -24.40 N	100.47 -0.49 -71.58 N	60.10 -0.83 -7.27 N	90.10 -0.91 0.00 N	18.07 -0.70 0.00 N	73.90 -0.86 0.00 N	68.95 2.61 0.79 N
PJM_GEN_NEPTUNE_PROXY 323594	127.02 9.95 -5.92 N	38.63 2.89 -2.77 N	48.90 3.37 -4.60 N	52.05 2.87 -12.35 N	65.69 1.71 -42.72 N	61.24 5.08 0.00 N	207.09 18.28 -0.99 N	115.71 7.82 -32.79 N	137.70 30.59 179.88 N	181.41 16.87 0.00 N	239.52 21.70 -1.79 N	143.35 4.30 -97.46 N	120.34 2.21 -99.67 N	118.20 3.66 -82.59 N	138.06 1.70 -120.94 N	92.95 2.92 -64.15 N	78.47 4.35 -36.85 N	116.54 8.56 -33.69 N	131.43 2.94 -99.10 N	57.65 5.89 1.91 N	97.93 10.80 3.88 N	16.67 2.18 4.27 N	105.10 8.46 -21.87 N	85.92 7.71 -6.07 N
PLEASANTVLY___LBMP 24000	125.09 7.91 -6.04 N	38.10 2.30 -2.83 N	48.40 2.78 -4.69 N	51.85 2.42 -12.60 N	66.27 1.42 -43.58 N	60.21 4.05 0.00 N	203.60 14.77 -1.00 N	172.48 12.13 0.00 N	157.25 11.83 0.00 N	178.02 13.48 0.00 N	235.90 18.04 -1.83 N	144.57 3.56 -99.43 N	86.15 3.06 -48.14 N	90.58 2.73 -55.91 N	142.34 1.33 -125.59 N	96.28 2.24 -68.16 N	80.27 3.26 -39.73 N	115.89 6.52 -35.08 N	134.72 2.45 -102.90 N	68.71 4.60 -10.45 N	99.33 8.31 0.00 N	20.43 1.67 0.00 N	80.99 6.22 0.00 N	78.42 5.72 -0.56 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
POLETTI____ 23519	126.45 9.39 -5.92 N	38.49 2.75 -2.77 N	48.78 3.26 -4.60 N	51.95 2.77 -12.35 N	65.63 1.64 -42.72 N	60.99 4.82 0.00 N	206.64 17.83 -0.99 N	175.09 14.74 0.00 N	160.10 14.68 0.00 N	181.56 17.02 0.00 N	240.40 22.57 -1.79 N	143.51 4.46 -97.46 N	85.56 3.86 -46.75 N	89.23 3.46 -53.83 N	138.01 1.66 -120.92 N	94.32 2.80 -65.63 N	79.65 4.12 -38.26 N	116.22 8.14 -33.78 N	131.46 2.99 -99.09 N	69.38 5.65 -10.06 N	101.41 10.39 0.00 N	20.83 2.06 0.00 N	82.58 7.82 0.00 N	79.72 7.03 -0.54 N	
PORT_JEFF_3 23555	130.55 13.49 -5.92 N	39.68 3.93 -2.77 N	50.12 4.59 -4.60 N	53.15 3.96 -12.35 N	66.37 2.38 -42.72 N	63.06 6.90 0.00 N	214.37 25.57 -0.99 N	187.22 22.24 -4.63 N	163.46 18.03 0.00 N	185.23 20.69 0.00 N	241.87 24.05 -1.79 N	143.90 4.85 -97.46 N	110.20 4.76 -70.48 N	118.91 4.37 -82.60 N	138.33 1.97 -120.94 N	94.05 3.44 -64.73 N	80.46 5.17 -38.01 N	118.15 10.13 -33.72 N	131.95 3.46 -99.10 N	63.49 7.10 -2.72 N	101.74 13.10 2.38 N	18.90 2.70 2.56 N	107.73 11.09 -21.87 N	88.58 10.36 -6.07 N	
PORT_JEFF_4 23616	130.55 13.49 -5.92 N	39.68 3.93 -2.77 N	50.12 4.59 -4.60 N	53.15 3.96 -12.35 N	66.37 2.38 -42.72 N	63.06 6.90 0.00 N	214.37 25.57 -0.99 N	187.22 22.24 -4.63 N	163.46 18.03 0.00 N	185.23 20.69 0.00 N	241.87 24.05 -1.79 N	143.90 4.85 -97.46 N	110.20 4.76 -70.48 N	118.91 4.37 -82.60 N	138.33 1.97 -120.94 N	94.05 3.44 -64.73 N	80.46 5.17 -38.01 N	118.15 10.13 -33.72 N	131.95 3.46 -99.10 N	63.49 7.10 -2.72 N	101.74 13.10 2.38 N	18.90 2.70 2.56 N	107.73 11.09 -21.87 N	88.58 10.36 -6.07 N	
PORT_JEFF_IC 23713	130.64 13.58 -5.92 N	39.69 3.94 -2.77 N	50.13 4.61 -4.60 N	53.15 3.97 -12.35 N	66.38 2.40 -42.72 N	63.08 6.92 0.00 N	214.48 25.67 -0.99 N	187.23 22.25 -4.63 N	163.01 17.58 0.00 N	184.76 20.22 0.00 N	241.27 23.45 -1.79 N	143.86 4.81 -97.46 N	110.24 4.81 -70.48 N	118.96 4.42 -82.60 N	138.36 2.00 -120.94 N	94.09 3.47 -64.74 N	80.51 5.20 -38.03 N	118.17 10.15 -33.73 N	131.97 3.49 -99.10 N	63.68 7.19 -2.83 N	101.89 13.22 2.34 N	18.97 2.72 2.52 N	107.87 11.23 -21.87 N	88.67 10.45 -6.07 N	
PPL PILGRIM_ST_GT1 24216	129.81 12.75 -5.92 N	39.45 3.70 -2.77 N	49.83 4.31 -4.60 N	52.88 3.70 -12.35 N	66.19 2.21 -42.72 N	62.61 6.44 0.00 N	212.56 23.75 -0.99 N	185.84 20.86 -4.63 N	163.44 18.01 0.00 N	185.17 20.63 0.00 N	242.19 24.36 -1.79 N	143.91 4.86 -97.46 N	110.12 4.69 -70.48 N	118.81 4.27 -82.60 N	138.29 1.93 -120.94 N	94.03 3.34 -64.81 N	80.46 5.02 -38.17 N	117.85 9.82 -33.73 N	131.83 3.34 -99.10 N	63.94 6.90 -3.38 N	101.50 12.65 2.16 N	18.99 2.54 2.32 N	107.37 10.73 -21.87 N	88.07 9.85 -6.07 N	
PPL PILGRIM_ST_GT2 24217	129.81 12.75 -5.92 N	39.45 3.70 -2.77 N	49.83 4.31 -4.60 N	52.88 3.70 -12.35 N	66.19 2.21 -42.72 N	62.61 6.44 0.00 N	212.56 23.75 -0.99 N	185.84 20.86 -4.63 N	163.44 18.01 0.00 N	185.17 20.63 0.00 N	242.19 24.36 -1.79 N	143.91 4.86 -97.46 N	110.12 4.69 -70.48 N	118.81 4.27 -82.60 N	138.29 1.93 -120.94 N	94.03 3.34 -64.81 N	80.46 5.02 -38.17 N	117.85 9.82 -33.73 N	131.83 3.34 -99.10 N	63.94 6.90 -3.38 N	101.50 12.65 2.16 N	18.99 2.54 2.32 N	107.37 10.73 -21.87 N	88.07 9.85 -6.07 N	
PPL_SHRM_GT3 24213	130.94 13.88 -5.92 N	39.79 4.04 -2.77 N	50.26 4.73 -4.60 N	53.26 4.08 -12.35 N	66.44 2.46 -42.72 N	63.12 6.95 0.00 N	214.59 25.78 -0.99 N	187.06 22.08 -4.63 N	162.96 17.54 0.00 N	184.55 20.01 0.00 N	239.71 21.88 -1.79 N	143.47 4.42 -97.46 N	109.77 4.34 -70.48 N	118.52 3.97 -82.60 N	138.14 1.78 -120.94 N	93.69 3.08 -64.74 N	79.98 4.68 -38.02 N	117.17 9.14 -33.72 N	131.56 3.08 -99.10 N	62.93 6.48 -2.79 N	100.78 12.12 2.36 N	18.77 2.54 2.54 N	107.49 10.85 -21.87 N	88.71 10.49 -6.07 N	
PPL_SHRM_GT4 24214	130.94 13.88 -5.92 N	39.79 4.04 -2.77 N	50.26 4.73 -4.60 N	53.26 4.08 -12.35 N	66.44 2.46 -42.72 N	63.12 6.95 0.00 N	214.59 25.78 -0.99 N	187.06 22.08 -4.63 N	162.96 17.54 0.00 N	184.55 20.01 0.00 N	239.71 21.88 -1.79 N	143.47 4.42 -97.46 N	109.77 4.34 -70.48 N	118.52 3.97 -82.60 N	138.14 1.78 -120.94 N	93.69 3.08 -64.74 N	79.98 4.68 -38.02 N	117.17 9.14 -33.72 N	131.56 3.08 -99.10 N	62.93 6.48 -2.79 N	100.78 12.12 2.36 N	18.77 2.54 2.54 N	107.49 10.85 -21.87 N	88.71 10.49 -6.07 N	
PROJECT___ORANGE 1 24174	110.80 -0.93 -0.60 N	33.05 -0.20 -0.28 N	40.99 -0.40 -0.46 N	37.61 -0.47 -1.24 N	25.42 -0.15 -4.31 N	55.95 -0.21 0.00 N	188.92 0.99 -0.10 N	161.73 1.38 0.00 N	147.09 1.66 0.00 N	167.00 2.46 0.00 N	219.22 3.00 -0.18 N	51.63 0.48 -9.56 N	40.03 0.42 -4.66 N	37.78 0.39 -5.45 N	27.86 0.18 -12.25 N	32.80 0.27 -6.65 N	41.51 0.36 -3.88 N	78.40 0.68 -3.42 N	39.67 0.25 -10.04 N	55.13 0.45 -1.02 N	92.13 1.12 0.00 N	18.93 0.17 0.00 N	75.19 0.43 0.00 N	72.00 -0.20 -0.05 N	
PROJECT___ORANGE 2 24166	110.80 -0.93 -0.60 N	33.05 -0.20 -0.46 N	40.99 -0.40 -0.46 N	37.61 -0.47 -1.24 N	25.42 -0.15 -4.31 N	55.95 -0.21 0.00 N	188.92 0.99 -0.10 N	161.73 1.38 0.00 N	147.09 1.66 0.00 N	167.00 2.46 0.00 N	219.22 3.00 -0.18 N	51.63 0.48 -9.56 N	40.03 0.42 -4.66 N	37.78 0.39 -5.45 N	27.86 0.18 -12.25 N	32.80 0.27 -6.65 N	41.51 0.36 -3.88 N	78.40 0.68 -3.42 N	39.67 0.25 -10.04 N	55.13 0.45 -1.02 N	92.13 1.12 0.00 N	18.93 0.17 0.00 N	75.19 0.43 0.00 N	72.00 -0.20 -0.05 N	
PYRITES___HYD 24023	106.11 -5.03 0.00 N	31.41 -1.57 0.00 N	39.00 -1.92 0.00 N	35.15 -1.68 0.00 N	20.22 -1.04 0.00 N	53.27 -2.90 0.00 N	178.10 -9.72 0.00 N	153.50 -6.85 0.00 N	138.83 -6.60 0.00 N	156.92 -7.62 0.00 N	206.04 -10.00 0.00 N	39.46 -2.13 0.00 N	33.08 -1.87 0.00 N	30.28 -1.67 0.00 N	14.68 -0.74 0.00 N	24.60 -1.28 0.00 N	35.37 -1.91 0.00 N	70.34 -3.96 0.00 N	27.88 -1.50 0.00 N	51.00 -2.67 0.00 N	86.32 -4.69 0.00 N	17.90 -0.87 0.00 N	70.88 -3.88 0.00 N	68.05 -4.10 0.00 N	
RAMAPO___LBMP 323565	125.95 8.95 -5.86 N	38.29 2.58 -2.74 N	48.55 3.07 -4.55 N	51.71 2.66 -12.22 N	65.09 1.56 -42.28 N	60.72 4.56 0.00 N	205.86 17.07 -0.97 N	174.39 14.04 0.00 N	159.05 13.62 0.00 N	179.98 15.44 0.00 N	238.37 20.56 -1.77 N	142.06 4.02 -96.44 N	84.15 3.39 -45.81 N	87.11 2.90 -52.27 N	134.26 1.41 -117.42 N	92.01 2.39 -63.74 N	77.94 3.50 -37.16 N	114.10 7.00 -32.81 N	128.22 2.60 -96.23 N	68.43 5.00 -9.77 N	100.20 9.19 0.00 N	20.62 1.85 0.00 N	81.47 6.71 0.00 N	78.75 6.08 -0.52 N	
RANKINE____ 23646	103.07 -8.98 -0.91 N	31.07 -2.34 -0.43 N	38.39 -3.24 -0.71 N	35.80 -2.94 -1.91 N	26.42 -1.44 -6.60 N	52.20 -3.96 0.00 N	177.33 -10.64 -0.15 N	150.44 -9.91 0.00 N	137.42 -8.00 0.00 N	156.77 -7.78 0.00 N	205.43 -10.87 -0.27 N	53.94 -2.46 -14.81 N	40.25 -1.93 -7.22 N	38.61 -1.77 -8.44 N	33.57 -0.82 -18.97 N	34.62 -1.55 -10.30 N	40.90 -2.40 -6.02 N	74.49 -5.12 -5.31 N	42.97 -2.00 -15.59 N	51.22 -4.03 -1.58 N	84.76 -6.25 0.00 N	17.18 -1.59 0.00 N	69.75 -5.01 0.00 N	66.51 -5.72 -0.08 N	
RAVENSWOOD_GT2_1	126.54	38.51	48.80	51.98	65.63	61.00	206.34	174.72	159.92	181.66	240.53	143.53	85.57	89.24	138.02	94.33	79.67	116.28	131.49	69.43	101.46	20.84	82.56	79.70	



24244	9.48 -5.92 N	2.76 -2.77 N	3.28 -4.60 N	2.79 -12.35 N	1.65 -42.72 N	4.84 0.00 N	17.53 -0.99 N	14.37 0.00 N	14.49 0.00 N	17.12 0.00 N	22.70 -1.79 N	4.48 -97.46 N	3.87 -46.75 N	3.47 -53.83 N	1.67 -120.93 N	2.82 -65.64 N	4.13 -38.26 N	8.20 -33.78 N	3.02 -99.09 N	5.71 -10.06 N	10.44 0.00 N	2.07 0.00 N	7.80 0.00 N	7.02 -0.54 N
RAVENSWOOD_GT2_2 24245	126.54 9.48 -5.92 N	38.51 2.76 -2.77 N	48.80 3.28 -4.60 N	51.98 2.79 -12.35 N	65.63 1.65 -42.72 N	61.00 4.84 0.00 N	206.34 17.53 -0.99 N	174.72 14.37 0.00 N	159.92 14.49 0.00 N	181.66 17.12 0.00 N	240.53 22.70 -1.79 N	143.53 4.48 -97.46 N	85.57 3.87 -46.75 N	89.24 3.47 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.67 4.13 -38.26 N	116.28 8.20 -33.78 N	131.49 3.02 -99.09 N	69.43 5.71 -10.06 N	101.46 10.44 0.00 N	20.84 2.07 0.00 N	82.56 7.80 0.00 N	79.70 7.02 -0.54 N
RAVENSWOOD_GT2_3 24246	126.65 9.59 -5.92 N	38.54 2.79 -2.77 N	48.84 3.31 -4.60 N	52.01 2.83 -12.35 N	65.65 1.67 -42.72 N	61.05 4.89 0.00 N	206.54 17.74 -0.99 N	175.38 15.03 0.00 N	160.41 14.98 0.00 N	181.89 17.34 0.00 N	240.87 23.04 -1.79 N	143.59 4.54 -97.46 N	85.62 3.92 -46.75 N	89.28 3.51 -53.83 N	138.04 1.69 -120.93 N	94.36 2.85 -65.64 N	79.72 4.19 -38.26 N	116.37 8.29 -33.78 N	131.53 3.05 -99.09 N	69.50 5.77 -10.06 N	101.58 10.56 0.00 N	20.82 2.06 0.00 N	82.66 7.89 0.00 N	79.79 7.11 -0.54 N
RAVENSWOOD_GT2_4 24247	126.65 9.59 -5.92 N	38.54 2.79 -2.77 N	48.84 3.31 -4.60 N	52.01 2.83 -12.35 N	65.65 1.67 -42.72 N	61.05 4.89 0.00 N	206.54 17.74 -0.99 N	175.38 15.03 0.00 N	160.41 14.98 0.00 N	181.89 17.34 0.00 N	240.87 23.04 -1.79 N	143.59 4.54 -97.46 N	85.62 3.92 -46.75 N	89.28 3.51 -53.83 N	138.04 1.69 -120.93 N	94.36 2.85 -65.64 N	79.72 4.19 -38.26 N	116.37 8.29 -33.78 N	131.53 3.05 -99.09 N	69.50 5.77 -10.06 N	101.58 10.56 0.00 N	20.82 2.06 0.00 N	82.66 7.89 0.00 N	79.79 7.11 -0.54 N
RAVENSWOOD_GT3_1 24248	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.00 4.84 0.00 N	206.52 17.71 -0.99 N	175.21 14.85 0.00 N	160.26 14.83 0.00 N	181.72 17.18 0.00 N	240.61 22.78 -1.79 N	143.53 4.48 -97.46 N	85.58 3.88 -46.75 N	89.24 3.47 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.69 4.15 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.72 -10.06 N	101.47 10.46 0.00 N	20.80 2.04 0.00 N	82.57 7.81 0.00 N	79.73 7.05 -0.54 N
RAVENSWOOD_GT3_2 24249	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.00 4.84 0.00 N	206.52 17.71 -0.99 N	175.21 14.85 0.00 N	160.26 14.83 0.00 N	181.72 17.18 0.00 N	240.61 22.78 -1.79 N	143.53 4.48 -97.46 N	85.58 3.88 -46.75 N	89.24 3.47 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.69 4.15 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.72 -10.06 N	101.47 10.46 0.00 N	20.80 2.04 0.00 N	82.57 7.81 0.00 N	79.73 7.05 -0.54 N
RAVENSWOOD_GT3_3 24250	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.99 2.80 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.64 17.84 -0.99 N	175.23 14.87 0.00 N	160.26 14.83 0.00 N	181.72 17.18 0.00 N	240.65 22.82 -1.79 N	143.54 4.49 -97.46 N	85.58 3.88 -46.75 N	89.25 3.47 -53.83 N	138.02 1.67 -120.93 N	94.34 2.82 -65.64 N	79.69 4.15 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.72 -10.06 N	101.48 10.47 0.00 N	20.80 2.04 0.00 N	82.58 7.82 0.00 N	79.73 7.05 -0.54 N
RAVENSWOOD_GT3_4 24251	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.99 2.80 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.64 17.84 -0.99 N	175.23 14.87 0.00 N	160.26 14.83 0.00 N	181.72 17.18 0.00 N	240.65 22.82 -1.79 N	143.54 4.49 -97.46 N	85.58 3.88 -46.75 N	89.25 3.47 -53.83 N	138.02 1.67 -120.93 N	94.34 2.82 -65.64 N	79.69 4.15 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.72 -10.06 N	101.48 10.47 0.00 N	20.80 2.04 0.00 N	82.58 7.82 0.00 N	79.73 7.05 -0.54 N
RAVENSWOOD_GT_1 23729	126.67 9.61 -5.92 N	38.57 2.83 -2.77 N	48.87 3.34 -4.60 N	52.03 2.85 -12.35 N	65.67 1.69 -42.72 N	61.08 4.92 0.00 N	206.49 17.68 -0.99 N	175.18 14.83 0.00 N	160.46 15.03 0.00 N	181.87 17.32 0.00 N	240.62 22.80 -1.79 N	143.54 4.49 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.70 -120.93 N	94.39 2.87 -65.64 N	79.75 4.21 -38.26 N	116.43 8.35 -33.78 N	131.52 3.05 -99.09 N	69.53 5.80 -10.06 N	101.64 10.63 0.00 N	20.85 2.08 0.00 N	82.76 7.99 0.00 N	79.91 7.23 -0.54 N
RAVENSWOOD_GT_10 24258	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.00 4.84 0.00 N	206.36 17.55 -0.99 N	174.64 14.29 0.00 N	160.15 14.73 0.00 N	181.72 17.18 0.00 N	240.61 22.78 -1.79 N	143.54 4.48 -97.46 N	85.57 3.87 -46.75 N	89.24 3.47 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.68 4.14 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.71 -10.06 N	101.47 10.46 0.00 N	20.80 2.04 0.00 N	82.56 7.80 0.00 N	79.72 7.03 -0.54 N
RAVENSWOOD_GT_11 24259	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.00 4.84 0.00 N	206.36 17.55 -0.99 N	174.64 14.29 0.00 N	160.15 14.73 0.00 N	181.72 17.18 0.00 N	240.61 22.78 -1.79 N	143.54 4.48 -97.46 N	85.57 3.87 -46.75 N	89.24 3.47 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.68 4.14 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.71 -10.06 N	101.47 10.46 0.00 N	20.80 2.04 0.00 N	82.56 7.80 0.00 N	79.72 7.03 -0.54 N
RAVENSWOOD_GT_4 24252	126.55 9.49 -5.92 N	38.51 2.76 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.70 17.89 -0.99 N	175.23 14.87 0.00 N	160.22 14.79 0.00 N	181.67 17.13 0.00 N	240.55 22.73 -1.79 N	143.53 4.48 -97.46 N	85.56 3.87 -46.75 N	89.23 3.45 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.66 4.12 -38.26 N	116.27 8.19 -33.78 N	131.49 3.02 -99.09 N	69.43 5.70 -10.06 N	101.45 10.43 0.00 N	20.83 2.07 0.00 N	82.54 7.78 0.00 N	79.70 7.02 -0.54 N
RAVENSWOOD_GT_5 24254	126.55 9.49 -5.92 N	38.51 2.76 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.70 17.89 -0.99 N	175.23 14.87 0.00 N	160.22 14.79 0.00 N	181.67 17.13 0.00 N	240.55 22.73 -1.79 N	143.53 4.48 -97.46 N	85.56 3.87 -46.75 N	89.23 3.45 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.66 4.12 -38.26 N	116.27 8.19 -33.78 N	131.49 3.02 -99.09 N	69.43 5.70 -10.06 N	101.45 10.43 0.00 N	20.83 2.07 0.00 N	82.54 7.78 0.00 N	79.70 7.02 -0.54 N
RAVENSWOOD_GT_6 24253	126.55 9.49 -5.92 N	38.51 2.76 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.70 17.89 -0.99 N	175.23 14.87 0.00 N	160.22 14.79 0.00 N	181.67 17.13 0.00 N	240.55 22.73 -1.79 N	143.53 4.48 -97.46 N	85.56 3.87 -46.75 N	89.23 3.45 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.66 4.12 -38.26 N	116.27 8.19 -33.78 N	131.49 3.02 -99.09 N	69.43 5.70 -10.06 N	101.45 10.43 0.00 N	20.83 2.07 0.00 N	82.54 7.78 0.00 N	79.70 7.02 -0.54 N



RAVENSWOOD_GT_7 24255	126.55 9.49 -5.92 N	38.51 2.76 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.70 17.89 -0.99 N	175.23 14.87 0.00 N	160.22 14.79 0.00 N	181.67 17.13 0.00 N	240.55 22.73 -1.79 N	143.53 4.48 -97.46 N	85.56 3.87 -46.75 N	89.23 3.45 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.66 4.12 -38.26 N	116.27 8.19 -33.78 N	131.49 3.02 -99.09 N	69.43 5.70 -10.06 N	101.45 10.43 0.00 N	20.83 2.07 0.00 N	82.54 7.78 0.00 N	79.70 7.02 -0.54 N
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.00 4.84 0.00 N	206.36 17.55 -0.99 N	174.64 14.29 0.00 N	160.15 14.73 0.00 N	181.72 17.18 0.00 N	240.61 22.78 -1.79 N	143.54 4.48 -97.46 N	85.57 3.87 -46.75 N	89.24 3.47 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.68 4.14 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.71 -10.06 N	101.47 10.46 0.00 N	20.80 2.04 0.00 N	82.56 7.80 0.00 N	79.72 7.03 -0.54 N
RAVENSWOOD_GT_9 24257	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.98 2.80 -12.35 N	65.63 1.65 -42.72 N	61.00 4.84 0.00 N	206.36 17.55 -0.99 N	174.64 14.29 0.00 N	160.15 14.73 0.00 N	181.72 17.18 0.00 N	240.61 22.78 -1.79 N	143.54 4.48 -97.46 N	85.57 3.87 -46.75 N	89.24 3.47 -53.83 N	138.02 1.67 -120.93 N	94.33 2.82 -65.64 N	79.68 4.14 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.71 -10.06 N	101.47 10.46 0.00 N	20.80 2.04 0.00 N	82.56 7.80 0.00 N	79.72 7.03 -0.54 N
RAVENSWOOD___1 23533	126.67 9.61 -5.92 N	38.57 2.83 -2.77 N	48.87 3.34 -4.60 N	52.03 2.85 -12.35 N	65.67 1.69 -42.72 N	61.08 4.92 0.00 N	206.49 17.68 -0.99 N	175.18 14.83 0.00 N	160.46 15.03 0.00 N	181.87 17.32 0.00 N	240.62 22.80 -1.79 N	143.54 4.49 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.70 -120.93 N	94.39 2.87 -65.64 N	79.75 4.21 -38.26 N	116.43 8.35 -33.78 N	131.52 3.05 -99.09 N	69.53 5.80 -10.06 N	101.64 10.63 0.00 N	20.85 2.08 0.00 N	82.76 7.99 0.00 N	79.91 7.23 -0.54 N
RAVENSWOOD___2 23534	126.67 9.61 -5.92 N	38.57 2.83 -2.77 N	48.87 3.34 -4.60 N	52.03 2.85 -12.35 N	65.67 1.69 -42.72 N	61.08 4.92 0.00 N	206.49 17.68 -0.99 N	175.18 14.83 0.00 N	160.46 15.03 0.00 N	181.87 17.32 0.00 N	240.62 22.80 -1.79 N	143.54 4.49 -97.46 N	85.62 3.92 -46.75 N	89.30 3.52 -53.83 N	138.04 1.70 -120.93 N	94.39 2.87 -65.64 N	79.75 4.21 -38.26 N	116.43 8.35 -33.78 N	131.52 3.05 -99.09 N	69.53 5.80 -10.06 N	101.64 10.63 0.00 N	20.85 2.08 0.00 N	82.76 7.99 0.00 N	79.91 7.23 -0.54 N
RAVENSWOOD___3 23535	126.57 9.51 -5.92 N	38.51 2.77 -2.77 N	48.80 3.28 -4.60 N	51.99 2.80 -12.35 N	65.63 1.65 -42.72 N	61.01 4.85 0.00 N	206.64 17.84 -0.99 N	175.23 14.87 0.00 N	160.26 14.83 0.00 N	181.72 17.18 0.00 N	240.64 22.81 -1.79 N	143.54 4.49 -97.46 N	85.58 3.88 -46.75 N	89.25 3.47 -53.83 N	138.02 1.67 -120.93 N	94.34 2.82 -65.64 N	79.69 4.15 -38.26 N	116.30 8.22 -33.78 N	131.49 3.02 -99.09 N	69.44 5.72 -10.06 N	101.48 10.47 0.00 N	20.80 2.04 0.00 N	82.58 7.82 0.00 N	79.73 7.05 -0.54 N
RAVENSWOOD___4 23820	126.58 9.52 -5.92 N	38.54 2.79 -2.77 N	48.83 3.31 -4.60 N	51.99 2.81 -12.35 N	65.65 1.67 -42.72 N	61.03 4.87 0.00 N	206.41 17.61 -0.99 N	175.18 14.83 0.00 N	160.48 15.05 0.00 N	181.88 17.34 0.00 N	240.76 22.94 -1.79 N	143.58 4.53 -97.46 N	85.66 3.96 -46.75 N	89.33 3.55 -53.83 N	138.05 1.70 -120.93 N	94.39 2.87 -65.64 N	79.76 4.23 -38.26 N	116.41 8.34 -33.78 N	131.51 3.04 -99.09 N	69.52 5.79 -10.06 N	101.61 10.60 0.00 N	20.82 2.05 0.00 N	82.68 7.91 0.00 N	79.82 7.14 -0.54 N
RCPL_TRUST___DRP 24196	126.70 9.64 -5.92 N	38.55 2.80 -2.77 N	48.85 3.33 -4.60 N	52.03 2.85 -12.35 N	65.66 1.68 -42.72 N	61.09 4.93 0.00 N	207.04 18.24 -0.99 N	175.63 15.28 0.00 N	160.57 15.14 0.00 N	182.13 17.59 0.00 N	241.17 23.34 -1.79 N	143.65 4.60 -97.46 N	85.66 3.97 -46.75 N	89.32 3.54 -53.83 N	138.05 1.71 -120.92 N	94.40 2.89 -65.63 N	79.76 4.23 -38.26 N	116.47 8.40 -33.78 N	131.56 3.09 -99.09 N	69.55 5.83 -10.06 N	101.65 10.64 0.00 N	20.87 2.10 0.00 N	82.66 7.90 0.00 N	79.82 7.14 -0.54 N
RENSSELAER___COGEN 23796	124.97 6.53 -7.31 N	38.23 1.84 -3.42 N	48.95 2.35 -5.67 N	54.20 2.14 -15.23 N	75.22 1.27 -52.70 N	59.58 3.41 0.00 N	201.10 12.06 -1.21 N	170.20 9.85 0.00 N	154.49 9.06 0.00 N	174.64 10.11 0.00 N	231.92 13.67 -2.21 N	164.49 2.70 -120.20 N	95.51 2.13 -58.43 N	101.97 1.92 -68.10 N	169.35 0.95 -152.98 N	110.46 1.56 -83.02 N	87.91 2.25 -48.39 N	121.56 4.54 -42.72 N	156.49 1.79 -125.32 N	69.64 3.25 -12.73 N	96.65 5.63 0.00 N	19.95 1.18 0.00 N	79.11 4.35 0.00 N	76.93 4.11 -0.68 N
REVERE_CPPR_DRP 24186	112.35 1.05 -0.16 N	33.40 0.35 -0.07 N	41.38 0.32 -0.12 N	37.41 0.24 -0.34 N	22.68 0.25 -1.16 N	57.15 0.99 0.00 N	193.48 5.63 -0.03 N	166.18 5.83 0.00 N	150.88 5.45 0.00 N	170.94 6.40 0.00 N	224.39 8.31 -0.04 N	45.47 1.52 -2.37 N	37.30 1.20 -1.15 N	34.36 1.06 -1.36 N	19.01 0.53 -3.06 N	28.36 0.82 -1.66 N	39.37 1.13 -0.97 N	77.28 2.13 -0.86 N	32.73 0.84 -2.51 N	55.51 1.59 -0.25 N	94.25 3.24 0.00 N	19.39 0.62 0.00 N	76.64 1.87 0.00 N	73.37 1.21 -0.01 N
ROCHESTER_9_IC 23652	108.87 -2.88 -0.62 N	32.68 -0.58 -0.29 N	40.44 -0.97 -0.48 N	37.21 -0.91 -1.29 N	25.42 -0.31 -4.47 N	55.38 -0.78 0.00 N	188.07 0.15 -0.10 N	160.79 0.44 0.00 N	146.64 1.22 0.00 N	166.64 2.10 0.00 N	218.81 2.59 -0.18 N	51.84 0.28 -9.97 N	40.15 0.34 -4.86 N	37.93 0.30 -5.68 N	28.36 0.17 -12.77 N	32.95 0.14 -6.93 N	41.39 0.08 -4.04 N	77.77 -0.09 -3.57 N	39.87 0.02 -10.47 N	54.53 -0.20 -1.06 N	91.34 0.32 0.00 N	18.72 -0.05 0.00 N	74.33 -0.44 0.00 N	70.92 -1.28 -0.06 N
ROSETON___1 23587	124.34 7.45 -5.76 N	37.84 2.17 -2.69 N	48.01 2.61 -4.47 N	51.11 2.28 -12.00 N	64.12 1.34 -41.53 N	59.99 3.82 0.00 N	202.74 13.96 -0.96 N	171.85 11.50 0.00 N	156.60 11.18 0.00 N	177.28 12.73 0.00 N	234.84 17.06 -1.74 N	139.69 3.34 -94.76 N	84.02 2.94 -46.13 N	88.44 2.66 -53.84 N	137.66 1.30 -120.95 N	93.69 2.18 -65.63 N	78.72 3.19 -38.26 N	114.42 6.35 -33.78 N	130.84 2.37 -99.08 N	68.22 4.49 -10.06 N	99.15 8.13 0.00 N	20.40 1.63 0.00 N	80.82 6.05 0.00 N	78.21 5.53 -0.54 N
ROSETON___2 23588	124.34 7.45 -5.76 N	37.84 2.17 -2.69 N	48.01 2.61 -4.47 N	51.11 2.28 -12.00 N	64.12 1.34 -41.53 N	59.99 3.82 0.00 N	202.74 13.96 -0.96 N	171.85 11.50 0.00 N	156.60 11.18 0.00 N	177.28 12.73 0.00 N	234.84 17.06 -1.74 N	139.69 3.34 -94.76 N	84.02 2.94 -46.13 N	88.44 2.66 -53.84 N	137.66 1.30 -120.95 N	93.69 2.18 -65.63 N	78.72 3.19 -38.26 N	114.42 6.35 -33.78 N	130.84 2.37 -99.08 N	68.22 4.49 -10.06 N	99.15 8.13 0.00 N	20.40 1.63 0.00 N	80.82 6.05 0.00 N	78.21 5.53 -0.54 N
RUSSELL___1 23602	113.03 1.28 -0.61 N	33.90 0.64 -0.28 N	41.93 0.54 -0.47 N	38.56 0.45 -1.27 N	26.16 0.51 -4.39 N	57.76 1.60 0.00 N	196.93 9.00 -0.10 N	168.78 8.43 0.00 N	153.94 8.52 0.00 N	174.97 10.43 0.00 N	229.68 13.47 -0.18 N	53.69 2.32 -9.78 N	41.74 2.02 -4.77 N	39.33 1.81 -5.57 N	28.83 0.88 -12.52 N	34.00 1.32 -6.80 N	43.02 1.78 -3.97 N	81.12 3.32 -3.50 N	41.01 1.35 -10.27 N	57.06 2.35 -1.04 N	95.80 4.79 0.00 N	19.66 0.90 0.00 N	77.77 3.00 0.00 N	73.84 1.64 -0.06 N



	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
RUSSELL___2 23532	113.03 1.28 -0.61 N	33.90 0.64 -0.28 N	41.93 0.54 -0.47 N	38.56 0.45 -1.27 N	26.16 0.51 -4.39 N	57.76 1.60 0.00 N	196.93 9.00 -0.10 N	168.78 8.43 0.00 N	153.94 8.52 0.00 N	174.97 10.43 0.00 N	229.68 13.47 -0.18 N	53.69 2.32 -9.78 N	41.74 2.02 -4.77 N	39.33 1.81 -5.57 N	28.83 0.88 -12.52 N	34.00 1.32 -6.80 N	43.02 1.78 -3.97 N	81.12 3.32 -3.50 N	41.01 1.35 -10.27 N	57.06 2.35 -1.04 N	95.80 4.79 0.00 N	19.66 0.90 0.00 N	77.77 3.00 0.00 N	73.84 1.64 -0.06 N	
RUSSELL___3 23549	109.33 -2.43 -0.62 N	32.75 -0.51 -0.29 N	40.51 -0.90 -0.48 N	37.28 -0.84 -1.29 N	25.45 -0.27 -4.46 N	55.49 -0.67 0.00 N	188.42 0.50 -0.10 N	161.11 0.76 0.00 N	146.91 1.48 0.00 N	166.95 2.41 0.00 N	219.05 2.83 -0.18 N	51.87 0.32 -9.95 N	40.18 0.38 -4.85 N	37.94 0.33 -5.67 N	28.35 0.18 -12.75 N	32.95 0.15 -6.92 N	41.42 0.10 -4.04 N	77.82 -0.04 -3.57 N	39.87 0.03 -10.45 N	54.61 -0.12 -1.06 N	91.41 0.40 0.00 N	18.77 0.00 0.00 N	74.49 -0.27 0.00 N	71.05 -1.15 -0.06 N	
RUSSELL___4 23556	112.94 1.19 -0.61 N	33.87 0.61 -0.28 N	41.91 0.51 -0.47 N	38.52 0.42 -1.27 N	26.15 0.50 -4.39 N	57.71 1.55 0.00 N	196.74 8.82 -0.10 N	168.62 8.27 0.00 N	153.80 8.37 0.00 N	174.81 10.27 0.00 N	229.46 13.25 -0.18 N	53.65 2.28 -9.78 N	41.71 1.99 -4.77 N	39.30 1.78 -5.58 N	28.82 0.87 -12.52 N	33.97 1.30 -6.80 N	42.99 1.75 -3.97 N	81.05 3.25 -3.50 N	40.98 1.32 -10.27 N	57.01 2.30 -1.04 N	95.71 4.70 0.00 N	19.65 0.88 0.00 N	77.70 2.94 0.00 N	73.78 1.59 -0.06 N	
RUSSELL___STATION 23914	109.33 -2.43 -0.62 N	32.75 -0.51 -0.29 N	40.51 -0.90 -0.48 N	37.28 -0.84 -1.29 N	25.45 -0.27 -4.46 N	55.49 -0.67 0.00 N	188.42 0.50 -0.10 N	161.11 0.76 0.00 N	146.91 1.48 0.00 N	166.95 2.41 0.00 N	219.05 2.83 -0.18 N	51.87 0.32 -9.95 N	40.18 0.38 -4.85 N	37.94 0.33 -5.67 N	28.35 0.18 -12.75 N	32.95 0.15 -6.92 N	41.42 0.10 -4.04 N	77.82 -0.04 -3.57 N	39.87 0.03 -10.45 N	54.61 -0.12 -1.06 N	91.41 0.40 0.00 N	18.77 0.00 0.00 N	74.49 -0.27 0.00 N	71.05 -1.15 -0.06 N	
S SALMON___HYD 24043	107.99 -3.59 -0.44 N	32.11 -1.08 -0.21 N	39.78 -1.49 -0.34 N	36.35 -1.41 -0.92 N	23.76 -0.69 -3.20 N	54.61 -1.55 0.00 N	184.87 -3.02 -0.07 N	158.97 -1.38 0.00 N	144.49 -0.94 0.00 N	163.77 -0.77 0.00 N	215.20 -0.97 -0.13 N	48.38 -0.26 -7.04 N	38.13 -0.25 -3.43 N	35.73 -0.24 -4.03 N	24.35 -0.13 -9.06 N	30.50 -0.29 -4.92 N	39.69 -0.45 -2.87 N	75.88 -0.95 -2.53 N	36.47 -0.33 -7.42 N	53.80 -0.61 -0.75 N	90.54 -0.48 0.00 N	18.66 -0.11 0.00 N	73.56 -1.20 0.00 N	70.45 -1.74 -0.04 N	
SELKIRK___II 23799	123.83 5.42 -7.27 N	37.94 1.57 -3.40 N	48.55 1.98 -5.65 N	53.79 1.80 -15.16 N	74.77 1.05 -52.46 N	59.03 2.86 0.00 N	198.87 9.84 -1.21 N	168.23 7.87 0.00 N	152.73 7.30 0.00 N	172.40 7.86 0.00 N	228.09 9.85 -2.20 N	163.35 2.06 -119.70 N	94.63 1.49 -58.19 N	101.08 1.31 -67.83 N	168.43 0.63 -152.37 N	109.60 1.05 -82.67 N	86.97 1.52 -48.18 N	119.89 3.05 -42.54 N	155.35 1.19 -124.78 N	68.49 2.16 -12.67 N	94.92 3.90 0.00 N	19.61 0.84 0.00 N	77.79 3.02 0.00 N	75.67 2.85 -0.68 N	
SELKIRK___I 23801	124.78 6.39 -7.26 N	38.26 1.89 -3.39 N	48.91 2.35 -5.63 N	54.09 2.13 -15.13 N	74.86 1.27 -52.33 N	59.66 3.49 0.00 N	201.26 12.23 -1.21 N	170.07 9.72 0.00 N	154.34 8.91 0.00 N	174.30 9.76 0.00 N	230.99 12.76 -2.20 N	163.49 2.52 -119.38 N	95.01 2.03 -58.03 N	101.43 1.85 -67.64 N	168.27 0.90 -151.95 N	109.83 1.50 -82.45 N	87.49 2.16 -48.06 N	121.10 4.37 -42.43 N	155.54 1.69 -124.46 N	69.42 3.12 -12.64 N	96.58 5.57 0.00 N	19.94 1.17 0.00 N	78.98 4.21 0.00 N	76.75 3.93 -0.68 N	
SENECA OSWGO___HYD 24041	111.10 -0.56 -0.52 N	32.97 -0.25 -0.24 N	40.84 -0.50 -0.41 N	37.39 -0.53 -1.09 N	24.85 -0.18 -3.77 N	55.93 -0.23 0.00 N	189.15 1.24 -0.09 N	162.07 1.72 0.00 N	147.59 2.16 0.00 N	167.57 3.03 0.00 N	220.24 4.05 -0.15 N	50.66 0.73 -8.34 N	39.60 0.59 -4.06 N	37.27 0.57 -4.76 N	26.36 0.25 -10.69 N	32.03 0.35 -5.80 N	41.15 0.49 -3.38 N	78.21 0.92 -2.99 N	38.51 0.37 -8.76 N	55.14 0.59 -0.89 N	92.44 1.42 0.00 N	19.04 0.27 0.00 N	75.14 0.38 0.00 N	71.92 -0.27 -0.05 N	
SENECA___ENERGY 23797	109.48 -2.49 -0.83 N	33.02 -0.35 -0.39 N	40.87 -0.70 -0.65 N	37.70 -0.87 -1.74 N	27.18 -0.08 -6.00 N	56.01 -0.15 0.00 N	190.25 2.29 -0.14 N	162.65 2.30 0.00 N	147.94 2.51 0.00 N	167.51 2.96 0.00 N	219.84 3.57 -0.24 N	54.96 0.40 -12.97 N	41.70 0.43 -6.32 N	39.74 0.41 -7.39 N	32.30 0.26 -16.61 N	35.34 0.44 -9.02 N	42.86 0.33 -5.26 N	79.04 0.10 -4.64 N	43.02 0.03 -13.61 N	55.33 0.29 -1.38 N	91.71 0.70 0.00 N	18.72 -0.04 0.00 N	74.71 -0.05 0.00 N	70.94 -1.28 -0.07 N	
SHOEMAKER___GT 23640	122.97 6.48 -5.36 N	37.39 1.91 -2.51 N	47.40 2.31 -4.16 N	50.02 2.01 -11.17 N	61.11 1.19 -38.66 N	59.58 3.42 0.00 N	201.28 12.56 -0.89 N	170.72 10.37 0.00 N	155.45 10.02 0.00 N	175.91 11.37 0.00 N	232.87 15.21 -1.62 N	132.73 2.97 -88.17 N	80.30 2.70 -42.64 N	83.90 2.48 -49.48 N	127.78 1.21 -111.15 N	88.26 2.04 -60.34 N	75.44 2.98 -35.18 N	111.32 5.97 -31.06 N	122.72 2.22 -91.11 N	67.15 4.23 -9.25 N	98.76 7.75 0.00 N	20.30 1.53 0.00 N	80.44 5.68 0.00 N	77.78 5.14 -0.49 N	
SHOREHAM_IC_1 23715	130.94 13.88 -5.92 N	39.79 4.04 -2.77 N	50.26 4.73 -4.60 N	53.26 4.08 -12.35 N	66.44 2.46 -42.72 N	63.12 6.95 0.00 N	214.59 25.78 -0.99 N	187.06 22.08 -4.63 N	162.96 17.54 0.00 N	184.55 20.01 0.00 N	239.71 21.88 -1.79 N	143.47 4.42 -97.46 N	109.77 4.34 -70.48 N	118.52 3.97 -82.60 N	138.14 1.78 -120.94 N	93.69 3.08 -64.74 N	79.98 4.68 -38.02 N	117.17 9.14 -33.72 N	131.56 3.08 -99.10 N	62.93 6.48 -2.79 N	100.78 12.12 2.36 N	18.77 2.54 2.54 N	107.49 10.85 -21.87 N	88.71 10.49 -6.07 N	
SHOREHAM_IC_2 23716	130.94 13.88 -5.92 N	39.79 4.04 -2.77 N	50.26 4.73 -4.60 N	53.26 4.08 -12.35 N	66.44 2.46 -42.72 N	63.12 6.95 0.00 N	214.59 25.78 -0.99 N	187.06 22.08 -4.63 N	162.96 17.54 0.00 N	184.55 20.01 0.00 N	239.71 21.88 -1.79 N	143.47 4.42 -97.46 N	109.77 4.34 -70.48 N	118.52 3.97 -82.60 N	138.14 1.78 -120.94 N	93.69 3.08 -64.74 N	79.98 4.68 -38.02 N	117.17 9.14 -33.72 N	131.56 3.08 -99.10 N	62.93 6.48 -2.79 N	100.78 12.12 2.36 N	18.77 2.54 2.54 N	107.49 10.85 -21.87 N	88.71 10.49 -6.07 N	
SISSONVILLE___ 23735	104.75 -6.38 0.00 N	31.03 -1.94 0.00 N	38.55 -2.37 0.00 N	34.75 -2.08 0.00 N	19.99 -1.26 0.00 N	52.71 -3.45 0.00 N	175.92 -11.90 0.00 N	151.07 -9.28 0.00 N	136.57 -8.86 0.00 N	154.34 -10.20 0.00 N	202.66 -13.38 0.00 N	38.83 -2.76 0.00 N	32.58 -2.37 0.00 N	29.83 -2.11 0.00 N	14.45 -0.98 0.00 N	24.21 -1.67 0.00 N	34.86 -2.41 0.00 N	69.40 -4.89 0.00 N	27.51 -1.88 0.00 N	50.28 -3.38 0.00 N	85.07 -5.94 0.00 N	17.68 -1.09 0.00 N	69.90 -4.87 0.00 N	67.21 -4.93 0.00 N	
SITHE_IND_GS1	107.96	32.15	39.91	36.34	23.05	54.56	183.18	156.49	142.13	160.77	211.07	45.97	36.74	34.25	21.96	28.96	38.50	74.33	34.32	52.86	88.86	18.30	72.81	70.04	



24169	-3.51 -0.33 N	-0.98 -0.16 N	-1.28 -0.26 N	-1.19 -0.70 N	-0.62 -2.41 N	-1.60 0.00 N	-4.70 -0.06 N	-3.86 0.00 N	-3.30 0.00 N	-3.78 0.00 N	-5.06 -0.10 N	-1.03 -5.41 N	-0.84 -2.64 N	-0.78 -3.08 N	-0.38 -6.93 N	-0.68 -3.76 N	-0.96 -2.19 N	-1.90 -1.94 N	-0.74 -5.68 N	-1.38 -0.58 N	-2.15 0.00 N	-0.47 0.00 N	-1.96 0.00 N	-2.13 -0.03 N
SITHE_IND_GS2 24170	107.96 -3.51 -0.33 N	32.15 -0.98 -0.16 N	39.91 -1.28 -0.26 N	36.34 -1.19 -0.70 N	23.05 -0.62 -2.41 N	54.56 -1.60 0.00 N	183.18 -4.70 -0.06 N	156.49 -3.86 0.00 N	142.13 -3.30 0.00 N	160.77 -3.78 0.00 N	211.07 -5.06 -0.10 N	45.97 -1.03 -5.41 N	36.74 -0.84 -2.64 N	34.25 -0.78 -3.08 N	21.96 -0.38 -6.93 N	28.96 -0.68 -3.76 N	38.50 -0.96 -2.19 N	74.33 -1.90 -1.94 N	34.32 -0.74 -5.68 N	52.86 -1.38 -0.58 N	88.86 -2.15 0.00 N	18.30 -0.47 0.00 N	72.81 -1.96 0.00 N	70.04 -2.13 -0.03 N
SITHE_IND_GS3 24171	107.96 -3.51 -0.33 N	32.15 -0.98 -0.16 N	39.91 -1.28 -0.26 N	36.34 -1.19 -0.70 N	23.05 -0.62 -2.41 N	54.56 -1.60 0.00 N	183.18 -4.70 -0.06 N	156.49 -3.86 0.00 N	142.13 -3.30 0.00 N	160.77 -3.78 0.00 N	211.07 -5.06 -0.10 N	45.97 -1.03 -5.41 N	36.74 -0.84 -2.64 N	34.25 -0.78 -3.08 N	21.96 -0.38 -6.93 N	28.96 -0.68 -3.76 N	38.50 -0.96 -2.19 N	74.33 -1.90 -1.94 N	34.32 -0.74 -5.68 N	52.86 -1.38 -0.58 N	88.86 -2.15 0.00 N	18.30 -0.47 0.00 N	72.81 -1.96 0.00 N	70.04 -2.13 -0.03 N
SITHE_IND_GS4 24172	107.96 -3.51 -0.33 N	32.15 -0.98 -0.16 N	39.91 -1.28 -0.26 N	36.34 -1.19 -0.70 N	23.05 -0.62 -2.41 N	54.56 -1.60 0.00 N	183.18 -4.70 -0.06 N	156.49 -3.86 0.00 N	142.13 -3.30 0.00 N	160.77 -3.78 0.00 N	211.07 -5.06 -0.10 N	45.97 -1.03 -5.41 N	36.74 -0.84 -2.64 N	34.25 -0.78 -3.08 N	21.96 -0.38 -6.93 N	28.96 -0.68 -3.76 N	38.50 -0.96 -2.19 N	74.33 -1.90 -1.94 N	34.32 -0.74 -5.68 N	52.86 -1.38 -0.58 N	88.86 -2.15 0.00 N	18.30 -0.47 0.00 N	72.81 -1.96 0.00 N	70.04 -2.13 -0.03 N
SITHE___BATAVIA 24024	105.19 -6.70 -0.75 N	31.69 -1.64 -0.35 N	39.16 -2.35 -0.58 N	36.27 -2.12 -1.57 N	25.70 -0.97 -5.41 N	53.44 -2.72 0.00 N	181.52 -6.43 -0.12 N	154.59 -5.76 0.00 N	141.21 -4.22 0.00 N	160.80 -3.74 0.00 N	210.87 -5.39 -0.22 N	52.35 -1.37 -12.12 N	39.91 -0.95 -5.91 N	37.97 -0.88 -6.91 N	30.54 -0.40 -15.52 N	33.42 -0.89 -8.42 N	40.74 -1.45 -4.92 N	75.37 -3.27 -4.34 N	40.90 -1.22 -12.74 N	52.38 -2.58 -1.29 N	87.25 -3.76 0.00 N	17.79 -0.98 0.00 N	71.44 -3.32 0.00 N	68.19 -4.03 -0.07 N
SITHE___INDEPEND 23800	107.96 -3.51 -0.33 N	32.15 -0.98 -0.16 N	39.91 -1.28 -0.26 N	36.34 -1.19 -0.70 N	23.05 -0.62 -2.41 N	54.56 -1.60 0.00 N	183.18 -4.70 -0.06 N	156.49 -3.86 0.00 N	142.13 -3.30 0.00 N	160.77 -3.78 0.00 N	211.07 -5.06 -0.10 N	45.97 -1.03 -5.41 N	36.74 -0.84 -2.64 N	34.25 -0.78 -3.08 N	21.96 -0.38 -6.93 N	28.96 -0.68 -3.76 N	38.50 -0.96 -2.19 N	74.33 -1.90 -1.94 N	34.32 -0.74 -5.68 N	52.86 -1.38 -0.58 N	88.86 -2.15 0.00 N	18.30 -0.47 0.00 N	72.81 -1.96 0.00 N	70.04 -2.13 -0.03 N
SITHE___MASSENA 23902	108.62 -2.52 0.00 N	32.18 -0.79 0.00 N	40.00 -0.92 0.00 N	36.04 -0.79 0.00 N	20.73 -0.53 0.00 N	54.57 -1.59 0.00 N	181.73 -6.09 0.00 N	155.58 -4.77 0.00 N	140.65 -4.78 0.00 N	159.02 -5.52 0.00 N	208.56 -7.48 0.00 N	39.92 -1.68 0.00 N	33.52 -1.43 0.00 N	30.74 -1.20 0.00 N	14.89 -0.53 0.00 N	24.99 -0.89 0.00 N	36.00 -1.28 0.00 N	71.71 -2.59 0.00 N	28.41 -0.97 0.00 N	51.91 -1.75 0.00 N	87.66 -3.35 0.00 N	18.17 -0.60 0.00 N	72.32 -2.45 0.00 N	69.53 -2.61 0.00 N
SITHE___OGDNSBRG 24021	108.50 -2.64 0.00 N	32.11 -0.86 0.00 N	39.89 -1.03 0.00 N	35.96 -0.87 0.00 N	20.68 -0.58 0.00 N	54.51 -1.65 0.00 N	181.91 -5.91 0.00 N	156.45 -3.91 0.00 N	141.44 -3.99 0.00 N	159.87 -4.67 0.00 N	209.73 -6.30 0.00 N	40.17 -1.43 0.00 N	33.68 -1.27 0.00 N	30.84 -1.10 0.00 N	14.94 -0.48 0.00 N	25.05 -0.83 0.00 N	36.07 -1.21 0.00 N	71.82 -2.48 0.00 N	28.47 -0.91 0.00 N	52.04 -1.62 0.00 N	88.01 -3.00 0.00 N	18.26 -0.50 0.00 N	72.41 -2.36 0.00 N	69.51 -2.63 0.00 N
SITHE___STERLING 23777	112.22 0.86 -0.21 N	33.42 0.34 -0.10 N	41.40 0.31 -0.17 N	37.48 0.20 -0.45 N	23.07 0.26 -1.55 N	57.07 0.91 0.00 N	193.09 5.23 -0.04 N	165.70 5.35 0.00 N	150.50 5.07 0.00 N	170.42 5.88 0.00 N	223.59 7.49 -0.06 N	46.17 1.37 -3.21 N	37.61 1.10 -1.56 N	34.76 0.98 -1.84 N	20.05 0.49 -4.13 N	28.88 0.76 -2.25 N	39.62 1.03 -1.31 N	77.39 1.94 -1.16 N	33.52 0.75 -3.39 N	55.45 1.45 -0.34 N	93.94 2.93 0.00 N	19.31 0.54 0.00 N	76.48 1.71 0.00 N	73.21 1.06 -0.02 N
SOUTH CAIRO___GT 23612	127.43 9.82 -6.47 N	38.81 2.81 -3.03 N	49.40 3.45 -5.03 N	53.41 3.08 -13.50 N	69.78 1.82 -46.70 N	61.31 5.14 0.00 N	207.46 18.56 -1.08 N	176.10 15.75 0.00 N	160.51 15.08 0.00 N	181.72 17.18 0.00 N	240.58 22.58 -1.97 N	152.88 4.38 -106.91 N	90.55 3.62 -51.98 N	95.83 3.29 -60.59 N	153.13 1.59 -136.12 N	102.27 2.67 -73.72 N	84.07 3.88 -42.91 N	119.96 7.78 -37.88 N	143.49 2.97 -111.14 N	70.52 5.57 -11.29 N	100.68 9.67 0.00 N	20.74 1.97 0.00 N	81.70 6.94 0.00 N	78.99 6.26 -0.59 N
SOUTH HAMPTN___IC 23720	132.01 14.95 -5.92 N	40.10 4.36 -2.77 N	50.65 5.13 -4.60 N	53.63 4.45 -12.35 N	66.66 2.68 -42.72 N	63.83 7.67 0.00 N	217.53 28.72 -0.99 N	190.28 25.30 -4.63 N	166.32 20.89 0.00 N	188.54 24.00 0.00 N	245.43 27.60 -1.79 N	144.58 5.53 -97.46 N	110.70 5.27 -70.48 N	119.36 4.81 -82.60 N	138.54 2.18 -120.94 N	94.35 3.73 -64.73 N	80.91 5.62 -38.01 N	119.03 11.00 -33.72 N	132.24 3.75 -99.10 N	64.07 7.65 -2.76 N	102.82 14.17 2.37 N	19.14 2.92 2.55 N	108.69 12.05 -21.87 N	89.54 11.32 -6.07 N
SOUTHOLD___IC 23719	135.49 18.43 -5.92 N	41.21 5.47 -2.77 N	52.01 6.48 -4.60 N	54.85 5.67 -12.35 N	67.42 3.44 -42.72 N	65.99 9.83 0.00 N	225.71 36.90 -0.99 N	197.78 32.79 -4.63 N	173.06 27.63 0.00 N	196.31 31.77 0.00 N	256.12 38.28 -1.79 N	146.69 7.64 -97.46 N	112.43 7.00 -70.48 N	120.97 6.42 -82.60 N	139.31 2.95 -120.94 N	95.58 4.97 -64.73 N	82.71 7.42 -38.01 N	122.62 14.60 -33.72 N	133.70 5.22 -99.10 N	66.94 10.52 -2.76 N	108.06 19.41 2.37 N	20.21 3.99 2.55 N	112.34 15.70 -21.87 N	92.63 14.42 -6.07 N
ST LAWRENCE___ 23600	108.24 -2.90 0.00 N	32.08 -0.90 0.00 N	39.88 -1.05 0.00 N	35.94 -0.90 0.00 N	20.66 -0.59 0.00 N	54.37 -1.79 0.00 N	180.84 -6.98 0.00 N	154.74 -5.61 0.00 N	139.95 -5.48 0.00 N	158.21 -6.33 0.00 N	207.48 -8.56 0.00 N	39.71 -1.88 0.00 N	33.36 -1.59 0.00 N	30.59 -1.35 0.00 N	14.82 -0.60 0.00 N	24.90 -0.98 0.00 N	35.85 -1.43 0.00 N	71.43 -2.87 0.00 N	28.29 -1.09 0.00 N	51.66 -2.00 0.00 N	87.23 -3.78 0.00 N	18.07 -0.70 0.00 N	72.04 -2.72 0.00 N	69.29 -2.85 0.00 N
STATION 5_MISC_HYD 23604	114.71 2.97 -0.61 N	34.18 0.92 -0.28 N	42.15 0.75 -0.47 N	38.72 0.62 -1.26 N	26.27 0.64 -4.37 N	58.13 1.96 0.00 N	198.96 11.04 -0.10 N	171.59 11.24 0.00 N	156.57 11.15 0.00 N	178.15 13.61 0.00 N	233.71 17.49 -0.18 N	54.44 3.12 -9.73 N	42.38 2.69 -4.74 N	39.83 2.34 -5.55 N	29.00 1.12 -12.46 N	34.33 1.69 -6.76 N	43.47 2.25 -3.94 N	82.01 4.23 -3.48 N	41.29 1.69 -10.22 N	57.87 3.17 -1.04 N	97.59 6.58 0.00 N	20.08 1.32 0.00 N	79.47 4.71 0.00 N	75.08 2.88 -0.06 N



STEEL___WIND 323596	103.20 -8.86 -0.91 N	31.11 -2.30 -0.43 N	38.44 -3.21 -0.71 N	35.84 -2.91 -1.91 N	26.44 -1.42 -6.60 N	52.27 -3.89 0.00 N	177.59 -10.39 -0.15 N	150.67 -9.68 0.00 N	137.59 -7.83 0.00 N	157.02 -7.52 0.00 N	205.73 -10.58 -0.27 N	53.99 -2.41 -14.81 N	40.29 -1.89 -7.22 N	38.66 -1.73 -8.44 N	33.59 -0.81 -18.97 N	34.65 -1.53 -10.30 N	40.94 -2.36 -6.02 N	74.56 -5.06 -5.31 N	43.00 -1.98 -15.59 N	51.28 -3.97 -1.58 N	84.85 -6.16 0.00 N	17.21 -1.56 0.00 N	69.84 -4.93 0.00 N	66.57 -5.66 -0.08 N
STURGEON_POOL_HYD 23609	125.74 8.67 -5.93 N	38.13 2.38 -2.77 N	48.40 2.87 -4.61 N	51.69 2.49 -12.37 N	65.51 1.46 -42.79 N	60.45 4.29 0.00 N	204.67 15.86 -0.99 N	173.66 13.31 0.00 N	158.28 12.85 0.00 N	178.76 14.22 0.00 N	237.52 19.68 -1.80 N	143.19 3.85 -97.75 N	85.93 3.40 -47.58 N	90.60 3.14 -55.51 N	141.64 1.51 -124.71 N	96.05 2.54 -67.63 N	80.29 3.62 -39.40 N	116.39 7.31 -34.79 N	134.18 2.76 -102.04 N	69.26 5.23 -10.36 N	100.17 9.15 0.00 N	20.59 1.82 0.00 N	81.14 6.38 0.00 N	78.55 5.86 -0.55 N
SYRACUSE___ENERGY_ST1 323597	110.71 -1.08 -0.65 N	33.07 -0.21 -0.30 N	41.06 -0.37 -0.51 N	37.76 -0.43 -1.36 N	25.87 -0.09 -4.70 N	56.10 -0.06 0.00 N	189.54 1.61 -0.11 N	162.19 1.84 0.00 N	147.37 1.94 0.00 N	166.90 2.36 0.00 N	219.13 2.90 -0.19 N	52.39 0.43 -10.36 N	40.40 0.39 -5.05 N	38.21 0.36 -5.91 N	28.87 0.17 -13.28 N	33.34 0.25 -7.21 N	41.78 0.30 -4.20 N	78.50 0.49 -3.71 N	40.48 0.21 -10.88 N	55.17 0.41 -1.11 N	92.07 1.05 0.00 N	18.92 0.15 0.00 N	75.09 0.33 0.00 N	71.94 -0.27 -0.06 N
SYRACUSE___ENERGY_ST2 323598	110.71 -1.08 -0.65 N	33.07 -0.21 -0.30 N	41.06 -0.37 -0.51 N	37.76 -0.43 -1.36 N	25.87 -0.09 -4.70 N	56.10 -0.06 0.00 N	189.54 1.61 -0.11 N	162.19 1.84 0.00 N	147.37 1.94 0.00 N	166.90 2.36 0.00 N	219.13 2.90 -0.19 N	52.39 0.43 -10.36 N	40.40 0.39 -5.05 N	38.21 0.36 -5.91 N	28.87 0.17 -13.28 N	33.34 0.25 -7.21 N	41.78 0.30 -4.20 N	78.50 0.49 -3.71 N	40.48 0.21 -10.88 N	55.17 0.41 -1.11 N	92.07 1.05 0.00 N	18.92 0.15 0.00 N	75.09 0.33 0.00 N	71.94 -0.27 -0.06 N
SYRACUSE___POWER 24017	111.01 -0.78 -0.66 N	33.15 -0.13 -0.31 N	41.12 -0.31 -0.51 N	37.80 -0.40 -1.37 N	25.92 -0.07 -4.73 N	56.15 -0.01 0.00 N	189.74 1.81 -0.11 N	162.50 2.15 0.00 N	147.77 2.34 0.00 N	167.43 2.89 0.00 N	219.78 3.55 -0.19 N	52.51 0.59 -10.32 N	40.50 0.51 -5.03 N	38.29 0.46 -5.89 N	28.88 0.23 -13.23 N	33.42 0.36 -7.18 N	41.90 0.44 -4.18 N	78.77 0.78 -3.69 N	40.54 0.32 -10.84 N	55.36 0.59 -1.10 N	92.39 1.38 0.00 N	18.99 0.22 0.00 N	75.34 0.58 0.00 N	72.12 -0.08 -0.06 N
Stony___Brook 24151	130.64 13.58 -5.92 N	39.69 3.94 -2.77 N	50.13 4.61 -4.60 N	53.15 3.97 -12.35 N	66.38 2.40 -42.72 N	63.08 6.92 0.00 N	214.48 25.67 -0.99 N	187.23 22.25 -4.63 N	163.01 17.58 0.00 N	184.76 20.22 0.00 N	241.27 23.45 -1.79 N	143.86 4.81 -97.46 N	110.24 4.81 -70.48 N	118.96 4.42 -82.60 N	138.36 2.00 -120.94 N	94.09 3.47 -64.74 N	80.51 5.20 -38.03 N	118.17 10.15 -33.73 N	131.97 3.49 -99.10 N	63.68 7.19 -2.83 N	101.89 13.22 2.34 N	18.97 2.72 2.52 N	107.87 11.23 -21.87 N	88.67 10.45 -6.07 N
UNION___PROCESSING_DRP 323587	107.18 -4.59 -0.63 N	32.14 -1.12 -0.29 N	39.78 -1.63 -0.49 N	36.64 -1.50 -1.31 N	25.11 -0.66 -4.52 N	54.34 -1.82 0.00 N	184.08 -3.84 -0.10 N	157.21 -3.15 0.00 N	143.29 -2.14 0.00 N	162.72 -1.82 0.00 N	213.57 -2.64 -0.18 N	50.93 -0.73 -10.07 N	39.38 -0.48 -4.91 N	37.24 -0.45 -5.74 N	28.12 -0.20 -12.90 N	32.40 -0.48 -7.00 N	40.55 -0.80 -4.08 N	76.04 -1.86 -3.61 N	39.27 -0.69 -10.58 N	53.26 -1.48 -1.07 N	89.00 -2.01 0.00 N	18.26 -0.50 0.00 N	72.72 -2.04 0.00 N	69.52 -2.68 -0.06 N
UPPER HUDSON___HYD 24058	118.29 -0.45 -7.60 N	36.13 -0.40 -3.55 N	46.60 -0.23 -5.90 N	52.60 -0.08 -15.85 N	76.04 -0.05 -54.82 N	55.97 -0.19 0.00 N	189.82 0.74 -1.26 N	161.05 0.70 0.00 N	146.15 0.72 0.00 N	165.25 0.71 0.00 N	220.60 2.26 -2.30 N	167.14 0.49 -125.06 N	95.86 0.12 -60.79 N	102.88 0.08 -70.86 N	174.68 0.08 -159.18 N	112.25 0.00 -86.38 N	87.59 -0.03 -50.34 N	118.86 0.11 -44.45 N	159.96 0.19 -130.38 N	67.12 0.22 -13.24 N	91.36 0.34 0.00 N	19.02 0.25 0.00 N	74.85 0.08 0.00 N	72.88 0.03 -0.71 N
UPPER RAQUET___HYD 24056	104.75 -6.38 0.00 N	31.03 -1.94 0.00 N	38.55 -2.37 0.00 N	34.75 -2.08 0.00 N	19.99 -1.26 0.00 N	52.71 -3.45 0.00 N	175.92 -11.90 0.00 N	151.07 -9.28 0.00 N	136.57 -8.86 0.00 N	154.34 -10.20 0.00 N	202.66 -13.38 0.00 N	38.83 -2.76 0.00 N	32.58 -2.37 0.00 N	29.83 -2.11 0.00 N	14.45 -0.98 0.00 N	24.21 -1.67 0.00 N	34.86 -2.41 0.00 N	69.40 -4.89 0.00 N	27.51 -1.88 0.00 N	50.28 -3.38 0.00 N	85.07 -5.94 0.00 N	17.68 -1.09 0.00 N	69.90 -4.87 0.00 N	67.21 -4.93 0.00 N
VISCHER___FERRY HYD 24020	124.52 6.01 -7.38 N	38.00 1.58 -3.45 N	48.73 2.07 -5.73 N	54.16 1.94 -15.38 N	75.64 1.16 -53.22 N	59.23 3.06 0.00 N	200.19 11.14 -1.23 N	169.55 9.20 0.00 N	153.78 8.36 0.00 N	173.86 9.32 0.00 N	231.34 13.08 -2.23 N	165.57 2.58 -121.40 N	95.91 1.95 -59.01 N	102.50 1.78 -68.78 N	170.81 0.88 -154.50 N	111.15 1.43 -83.84 N	88.19 2.04 -48.87 N	121.58 4.14 -43.14 N	157.65 1.71 -126.55 N	69.58 3.07 -12.85 N	96.14 5.13 0.00 N	19.89 1.12 0.00 N	78.74 3.97 0.00 N	76.65 3.81 -0.69 N
WADING RIVER_IC_1 23522	130.83 13.77 -5.92 N	39.77 4.02 -2.77 N	50.23 4.71 -4.60 N	53.25 4.07 -12.35 N	66.42 2.44 -42.72 N	63.11 6.94 0.00 N	214.61 25.80 -0.99 N	187.11 22.13 -4.63 N	163.08 17.65 0.00 N	184.68 20.14 0.00 N	239.92 22.09 -1.79 N	143.52 4.47 -97.46 N	109.83 4.40 -70.48 N	118.56 4.01 -82.60 N	138.16 1.80 -120.94 N	93.72 3.12 -64.73 N	80.01 4.73 -38.01 N	117.26 9.24 -33.72 N	131.60 3.11 -99.10 N	62.90 6.50 -2.73 N	100.82 12.18 2.38 N	18.75 2.54 2.56 N	107.47 10.83 -21.87 N	88.65 10.44 -6.07 N
WADING RIVER_IC_2 23547	130.83 13.77 -5.92 N	39.77 4.02 -2.77 N	50.23 4.71 -4.60 N	53.25 4.07 -12.35 N	66.42 2.44 -42.72 N	63.11 6.94 0.00 N	214.61 25.80 -0.99 N	187.11 22.13 -4.63 N	163.08 17.65 0.00 N	184.68 20.14 0.00 N	239.92 22.09 -1.79 N	143.52 4.47 -97.46 N	109.83 4.40 -70.48 N	118.56 4.01 -82.60 N	138.16 1.80 -120.94 N	93.72 3.12 -64.73 N	80.01 4.73 -38.01 N	117.26 9.24 -33.72 N	131.60 3.11 -99.10 N	62.90 6.50 -2.73 N	100.82 12.18 2.38 N	18.75 2.54 2.56 N	107.47 10.83 -21.87 N	88.65 10.44 -6.07 N
WADING RIVER_IC_3 23601	130.83 13.77 -5.92 N	39.77 4.02 -2.77 N	50.23 4.71 -4.60 N	53.25 4.07 -12.35 N	66.42 2.44 -42.72 N	63.11 6.94 0.00 N	214.61 25.80 -0.99 N	187.11 22.13 -4.63 N	163.08 17.65 0.00 N	184.68 20.14 0.00 N	239.92 22.09 -1.79 N	143.52 4.47 -97.46 N	109.83 4.40 -70.48 N	118.56 4.01 -82.60 N	138.16 1.80 -120.94 N	93.72 3.12 -64.73 N	80.01 4.73 -38.01 N	117.26 9.24 -33.72 N	131.60 3.11 -99.10 N	62.90 6.50 -2.73 N	100.82 12.18 2.38 N	18.75 2.54 2.56 N	107.47 10.83 -21.87 N	88.65 10.44 -6.07 N
WALDEN___HYDRO 24148	124.57 7.81 -5.62 N	37.81 2.21 -2.63 N	47.85 2.56 -4.36 N	50.73 2.18 -11.71 N	63.10 1.30 -40.53 N	59.91 3.75 0.00 N	202.58 13.82 -0.93 N	172.12 11.76 0.00 N	156.88 11.45 0.00 N	177.62 13.08 0.00 N	235.12 17.39 -1.69 N	137.01 3.39 -92.04 N	82.96 3.08 -44.92 N	87.39 2.89 -52.55 N	134.91 1.45 -118.05 N	92.61 2.50 -64.24 N	78.36 3.57 -37.51 N	114.50 7.09 -33.12 N	129.18 2.65 -97.15 N	68.55 5.02 -9.87 N	100.17 9.15 0.00 N	20.61 1.84 0.00 N	81.39 6.63 0.00 N	78.65 5.98 -0.53 N



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