

## GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

03/01/05 to 12/31/05

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	22.6	279.8	294.5	4.8	281.9	298.4	89.8	282.4	298.5	n/a	n/a	n/a
Current (amps)	1.07	331.33	441.78	1.06	327.98	432.00	0.65	338.46	454.30	n/a	n/a	n/a
True Power (kW)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	5.3	237.5	298.5
Apparent Power (kVA)	0.3	90.2	118.2	0.3	89.8	117.3	0.2	92.7	122.0	5.7	281.6	351.2
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.11	0.83	1.00
Voltage THD (%)	0.02	1.70	4.11	0.02	1.74	4.30	0.02	1.70	3.95	n/a	n/a	n/a
Current THD (%)	0.03	1.84	9.19	0.03	2.04	108.58	0.03	1.90	7.83	n/a	n/a	n/a
Frequency (hz)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2	60.0	60.1

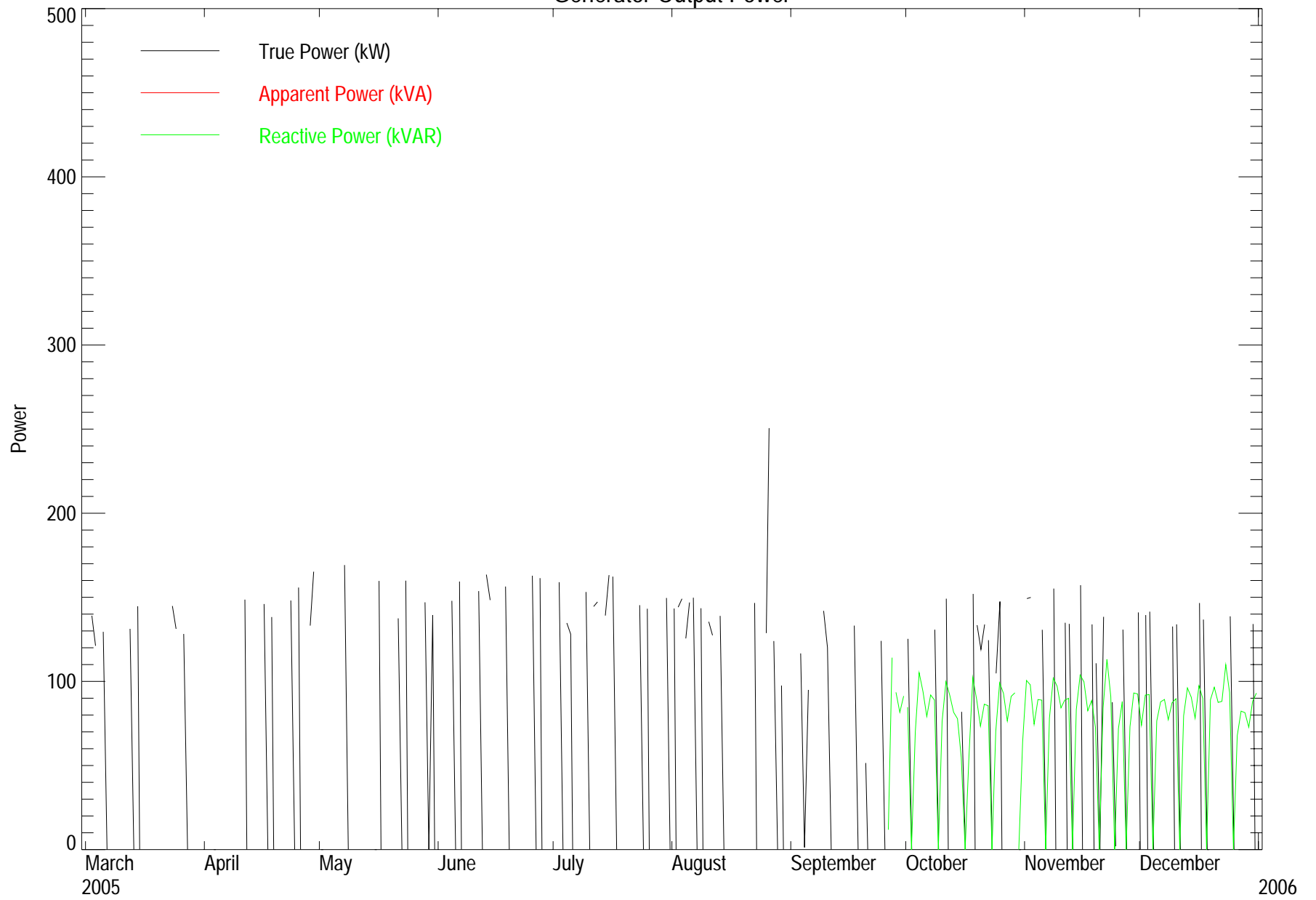
## GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

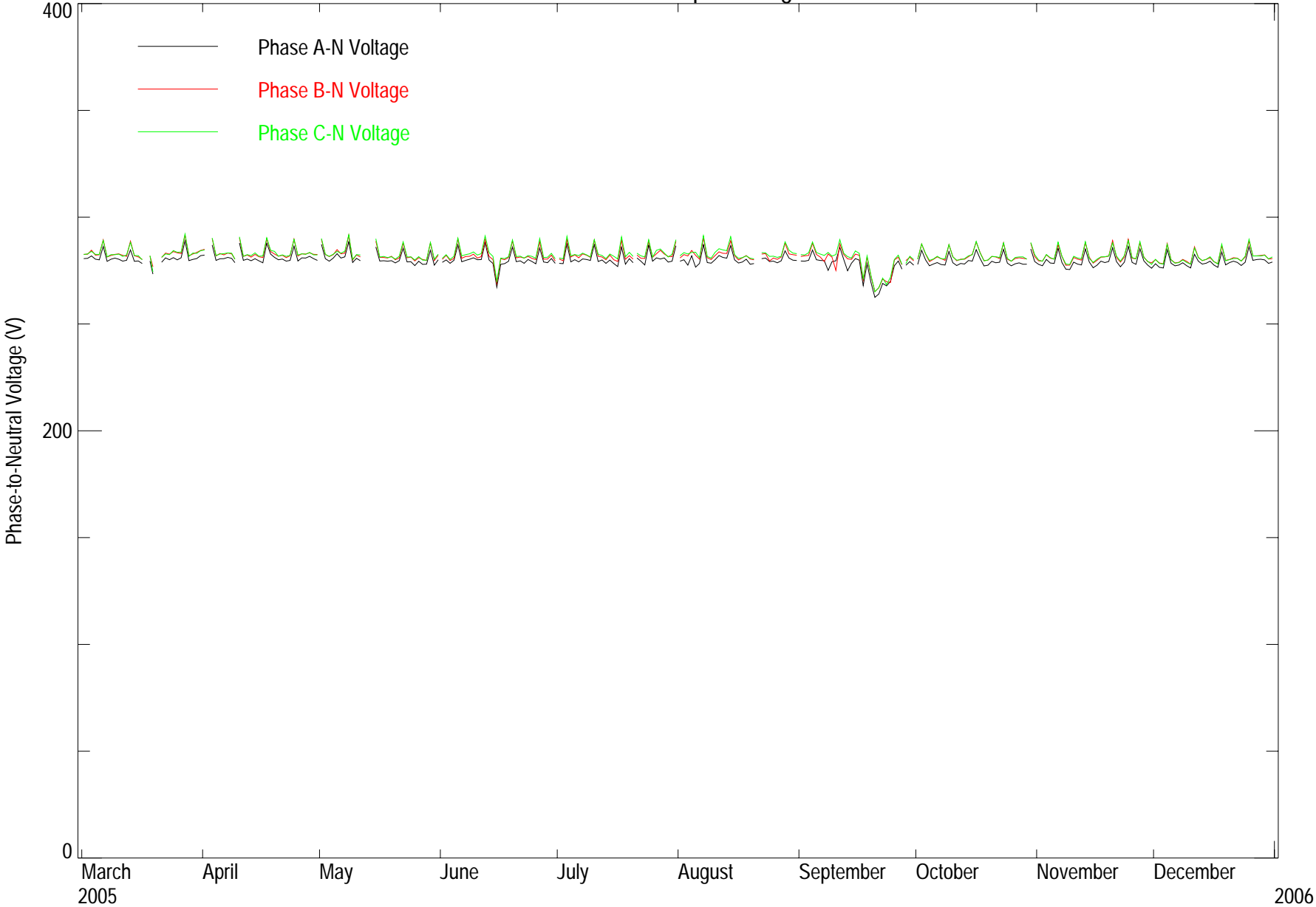
03/01/05 to 12/31/05

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
Mar 2005	91.90	-	-	81428.40	-
Apr 2005	95.56	-	-	84719.10	-
May 2005	93.41	-	-	87361.10	-
Jun 2005	99.86	-	-	95601.40	-
Jul 2005	99.73	-	-	87329.10	-
Aug 2005	96.64	-	-	89183.00	-
Sep 2005	99.72	16796.13	9303.22	77648.30	-
Oct 2005	99.87	93194.01	52121.34	78227.50	0.84
Nov 2005	99.93	93226.66	53500.10	78137.60	0.84
Dec 2005	99.97	100609.77	56340.19	84315.70	0.84
Total	97.64	303826.56	171264.86	843951.19	-

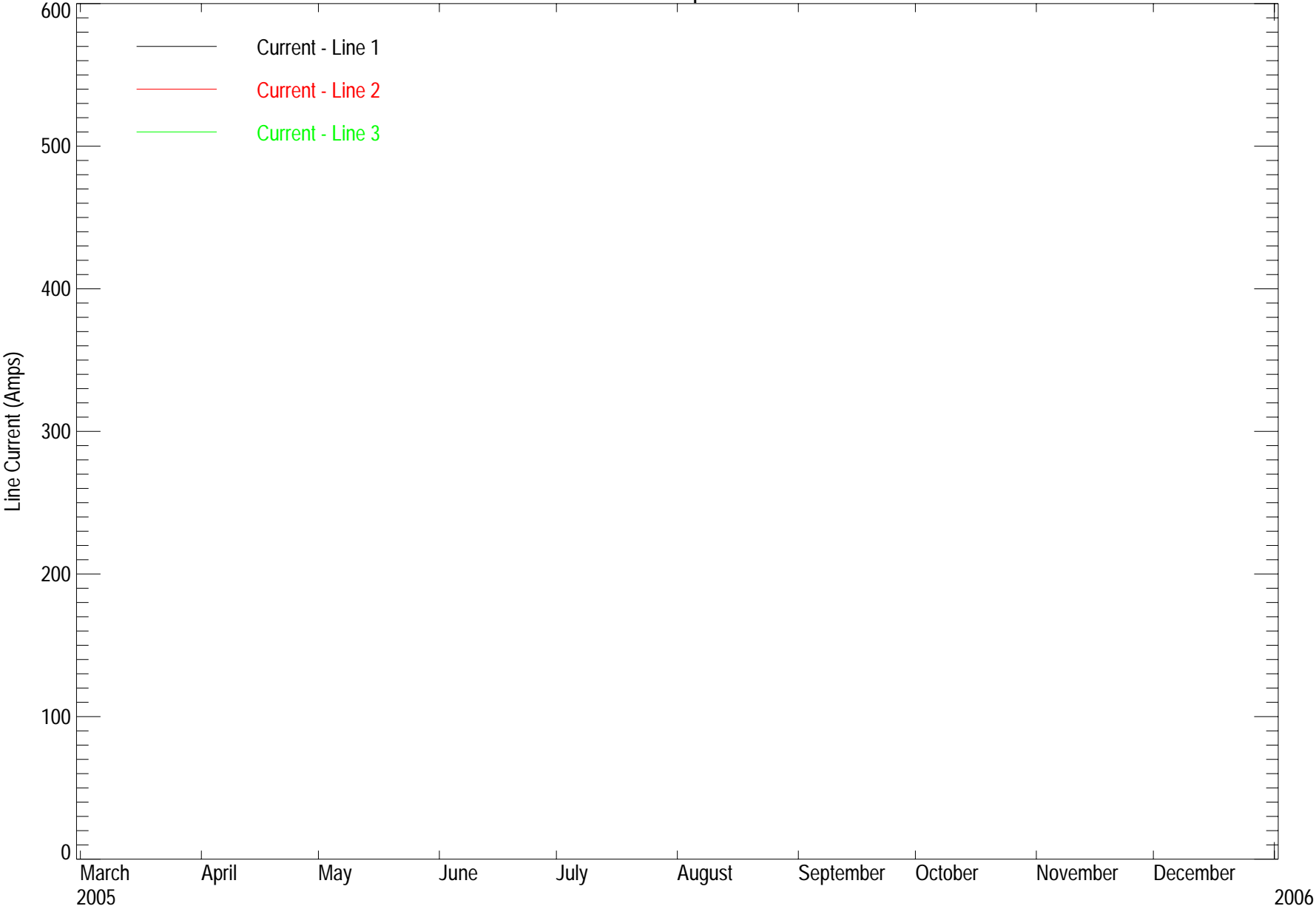
# Generator Output Power



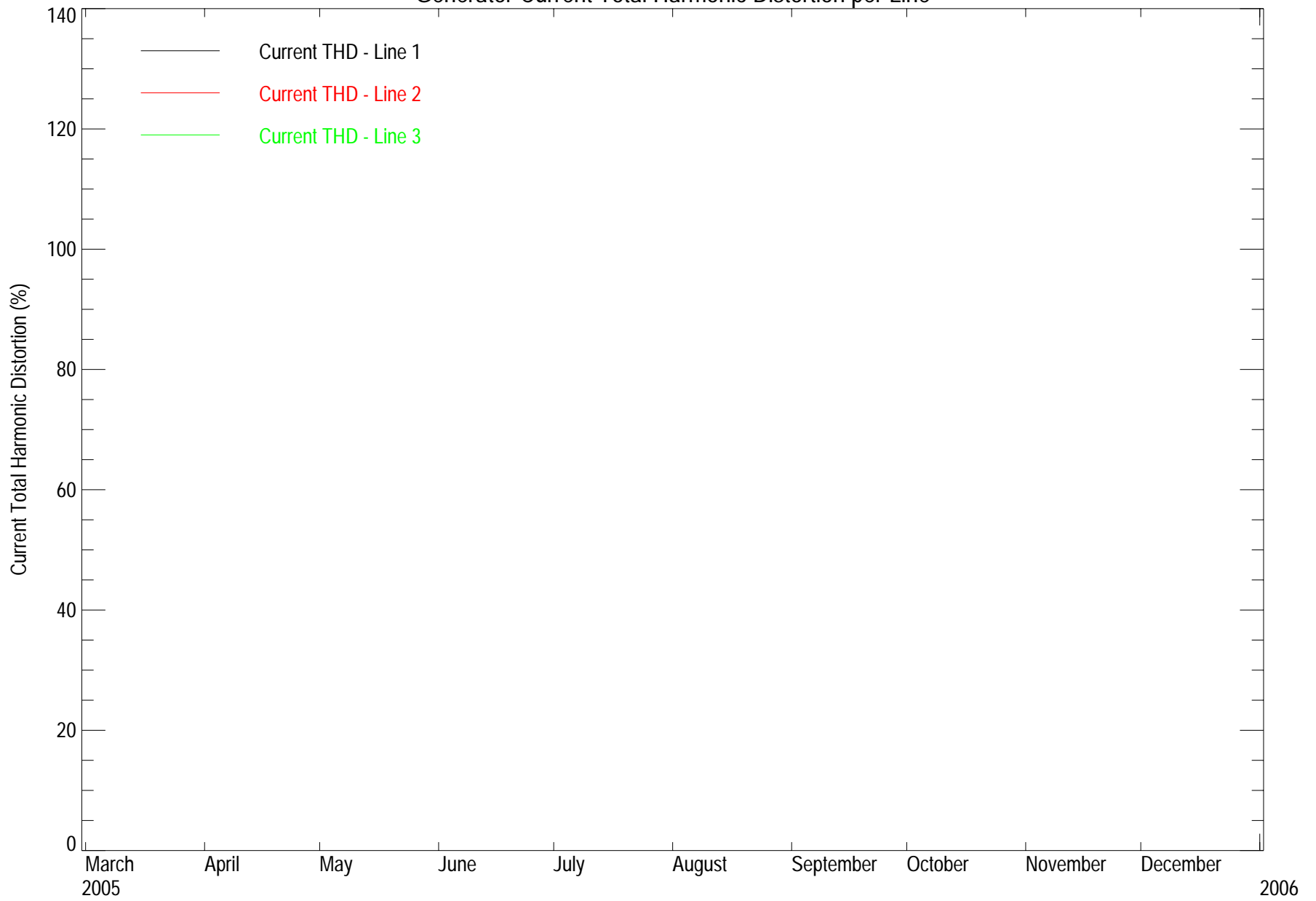
# Generator Output Voltage



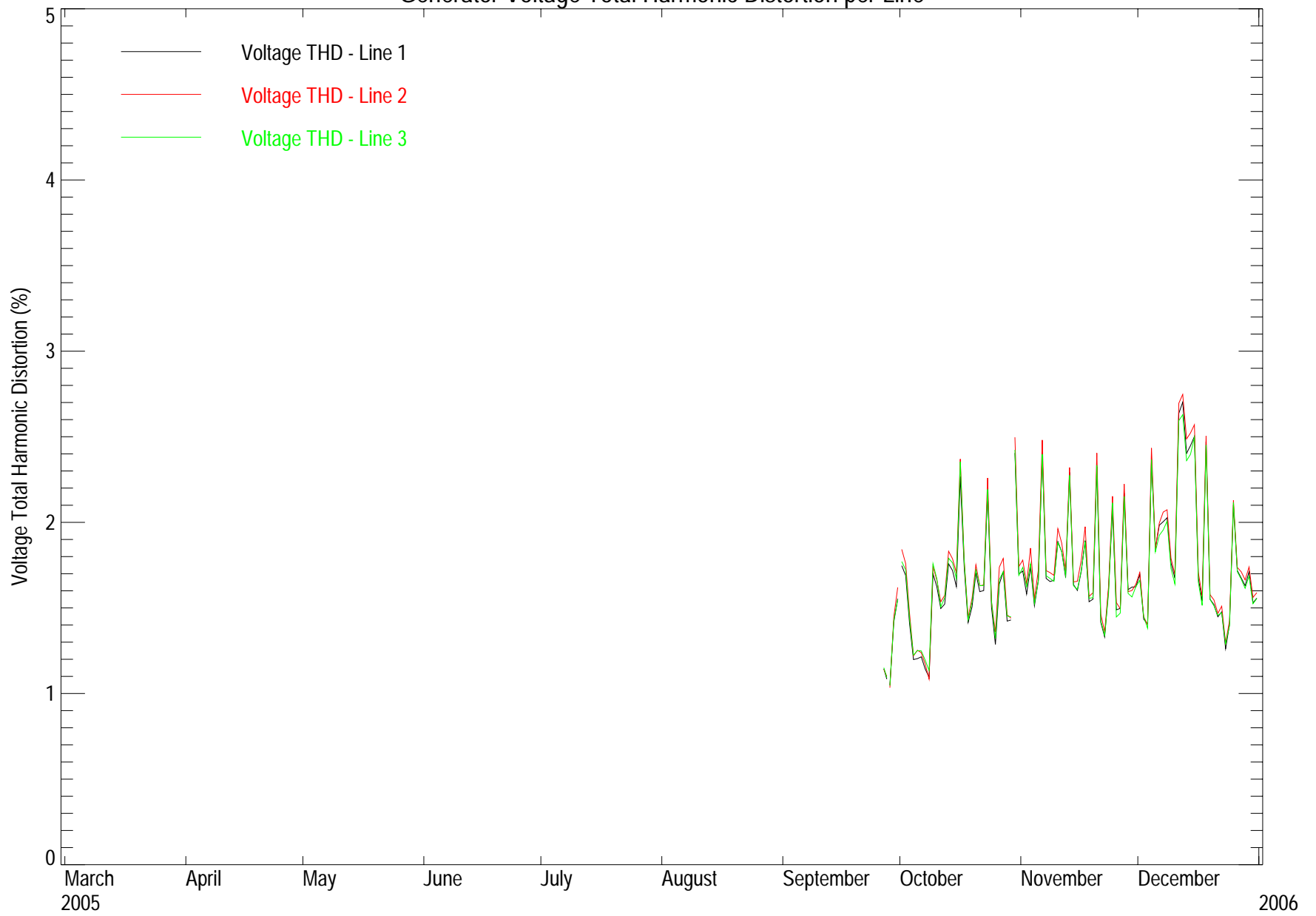
# Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line



# Generator Output Power Factor

