

## GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

01/01/09 to 01/31/09

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	263.1	266.1	290.2	264.8	268.0	292.9	265.1	268.2	293.0	n/a	n/a	n/a
Current (amps)	0.59	386.10	394.85	0.42	378.76	390.96	0.07	397.99	406.58	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	81.9	230.2	267.9
Apparent Power (kVA)	0.2	101.8	105.7	0.1	100.5	105.3	0.0	105.7	108.9	105.2	274.9	318.9
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.78	0.84	0.90
Voltage THD (%)	0.40	1.26	3.09	0.41	1.36	3.18	0.41	1.51	2.90	n/a	n/a	n/a
Current THD (%)	0.19	1.83	4.74	0.18	1.93	4.41	0.23	2.02	4.69	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	59.9	60.0	60.1

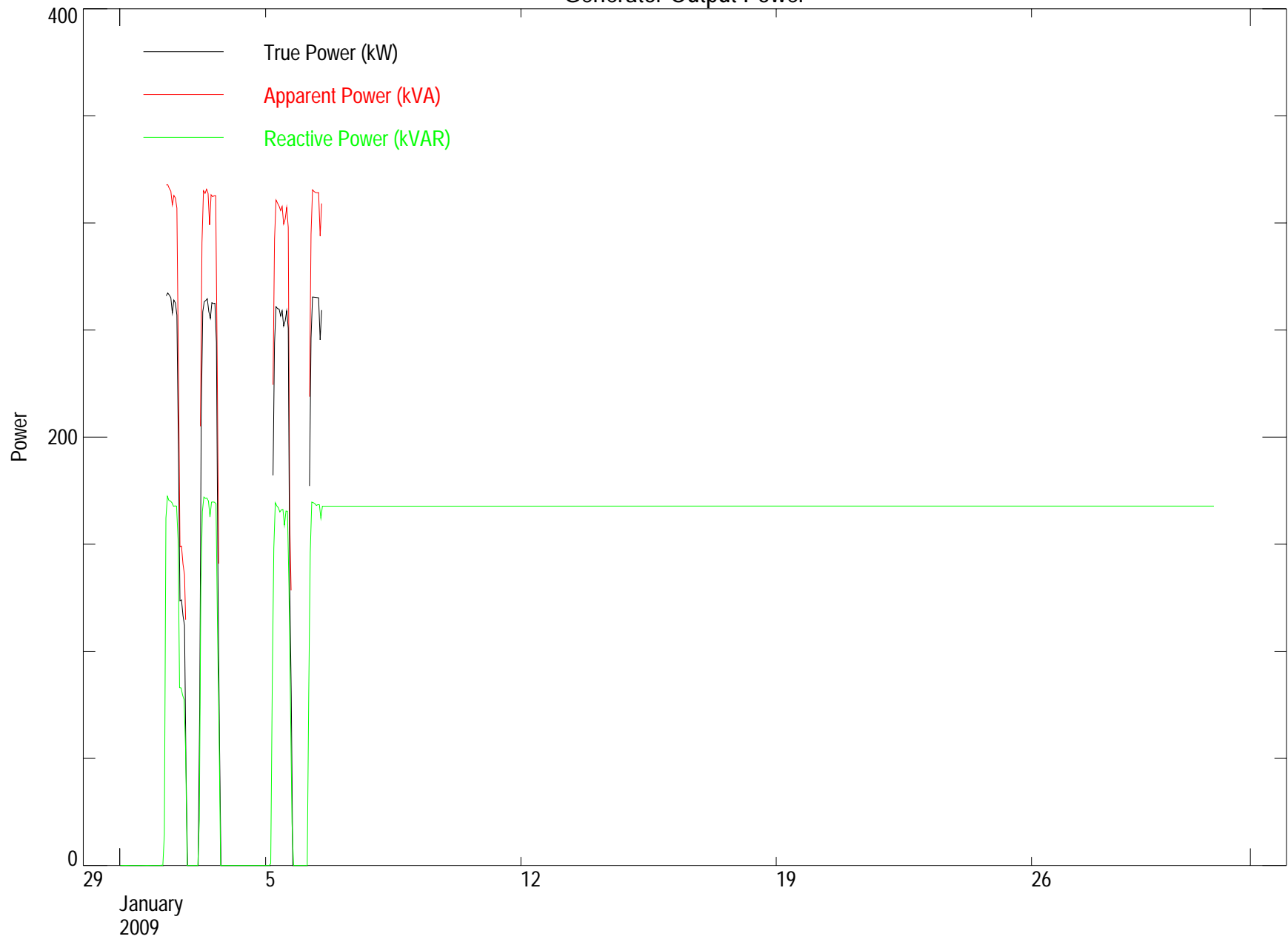
# GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

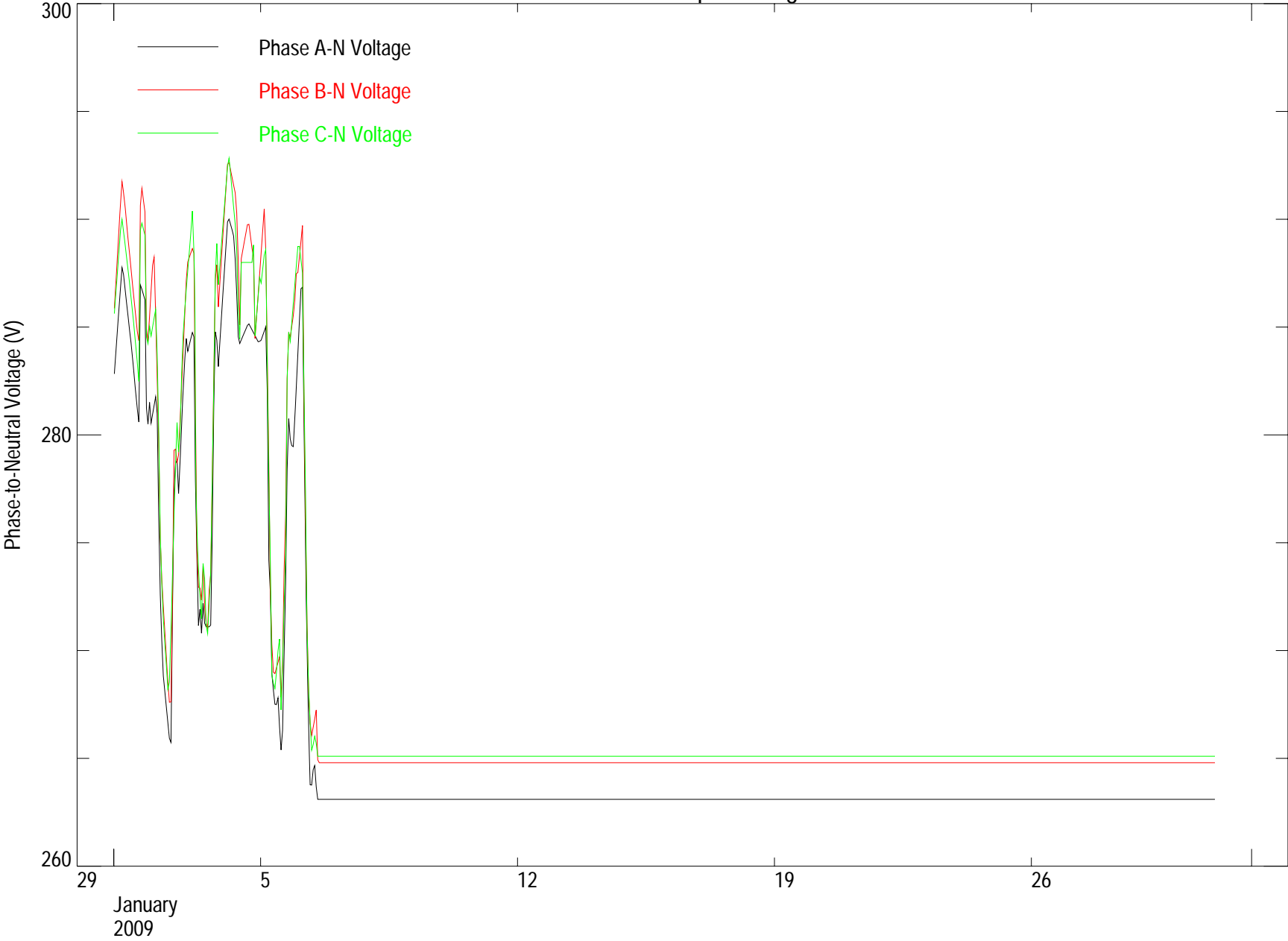
01/01/09 to 01/31/09

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
01/01/09	100.00	-	0.23	99.00	-
01/02/09	100.00	3373.52	1891.16	2844.50	0.84
01/03/09	100.00	3680.24	2013.07	3094.60	0.84
01/04/09	100.00	-	-	0.00	-
01/05/09	100.00	3521.02	1951.96	2943.20	0.84
01/06/09	100.00	2689.29	3247.09	2224.90	0.83
01/07/09	100.00	-	4027.20	0.00	-
01/08/09	100.00	-	4027.20	0.00	-
01/09/09	100.00	-	4027.20	0.00	-
01/10/09	100.00	-	4027.20	0.00	-
01/11/09	100.00	-	4027.20	0.00	-
01/12/09	100.00	-	4027.20	0.00	-
01/13/09	100.00	-	4027.20	0.00	-
01/14/09	100.00	-	4027.20	0.00	-
01/15/09	100.00	-	4027.20	0.00	-
01/16/09	100.00	-	4027.20	0.00	-
01/17/09	100.00	-	4027.20	0.00	-
01/18/09	100.00	-	4027.20	0.00	-
01/19/09	100.00	-	4027.20	0.00	-
01/20/09	100.00	-	4027.20	0.00	-
01/21/09	100.00	-	4027.20	0.00	-
01/22/09	100.00	-	4027.20	0.00	-
01/23/09	100.00	-	4027.20	0.00	-
01/24/09	100.00	-	4027.20	0.00	-
01/25/09	100.00	-	4027.20	0.00	-
01/26/09	100.00	-	4027.20	0.00	-
01/27/09	100.00	-	4027.20	0.00	-
01/28/09	100.00	-	4027.20	0.00	-
01/29/09	100.00	-	4027.20	0.00	-
01/30/09	100.00	-	4027.20	0.00	-
01/31/09	1.04	-	41.95	0.00	-
Total	96.81	13264.06	105798.26	11206.20	0.84

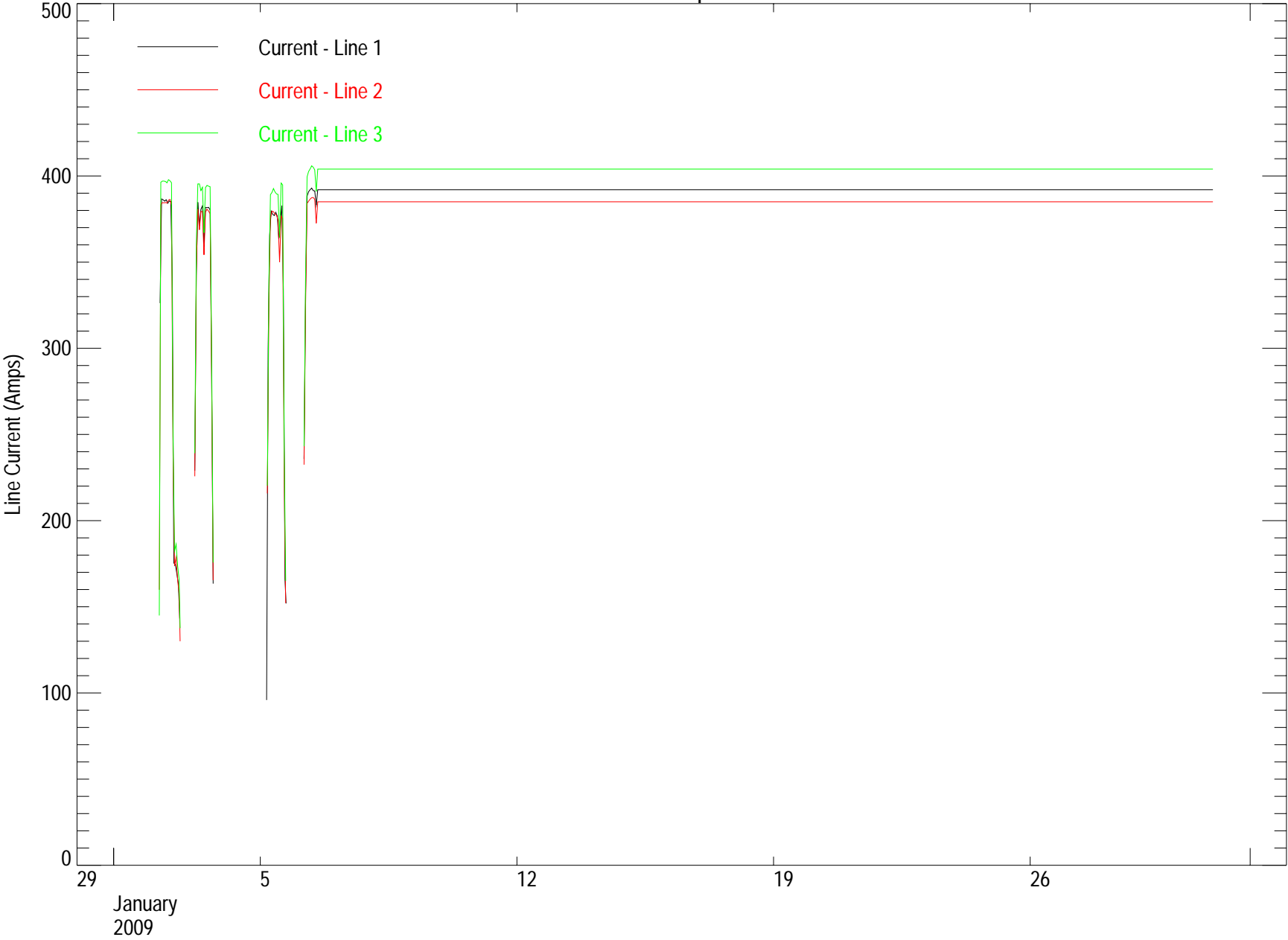
# Generator Output Power



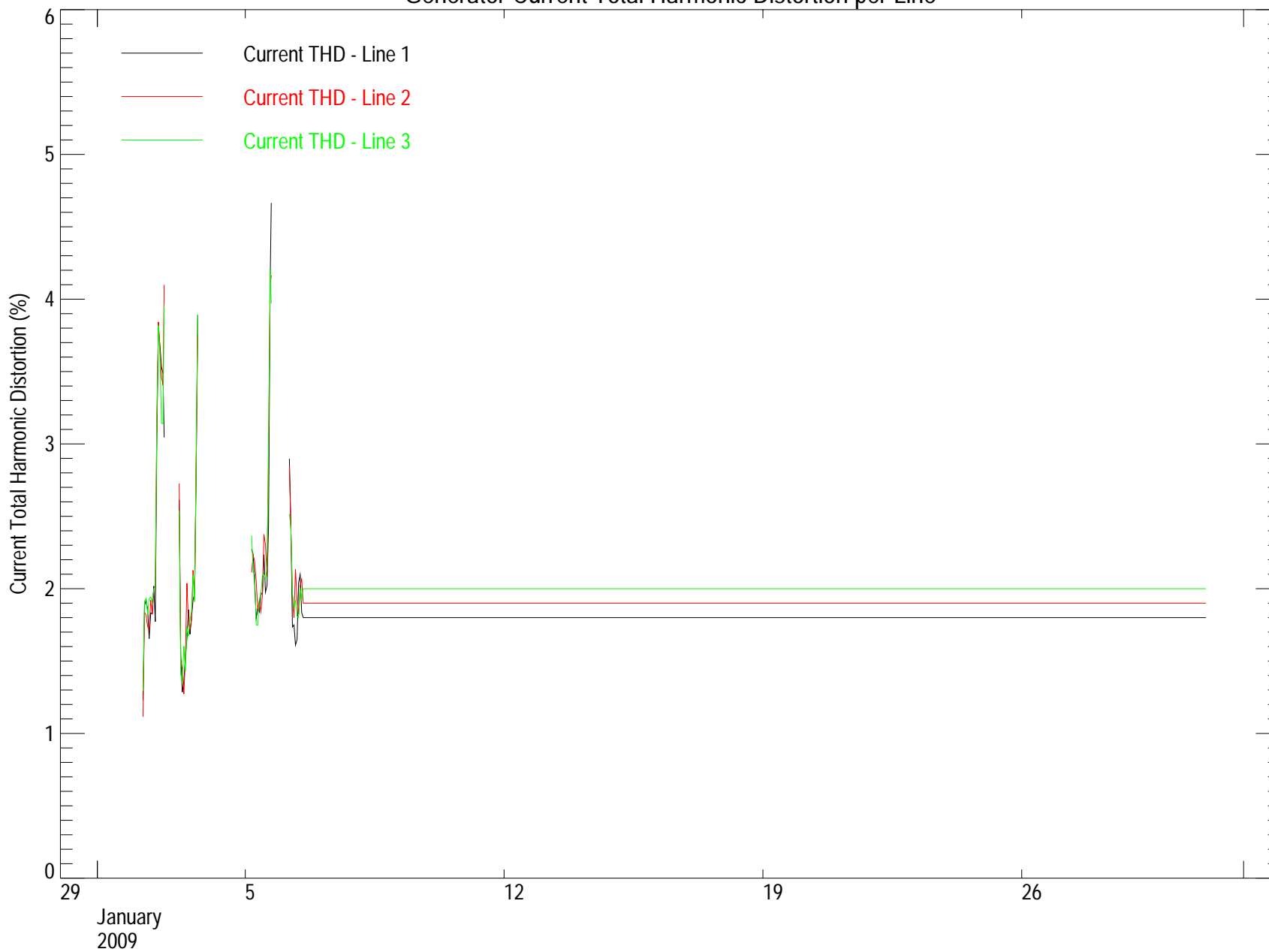
# Generator Output Voltage



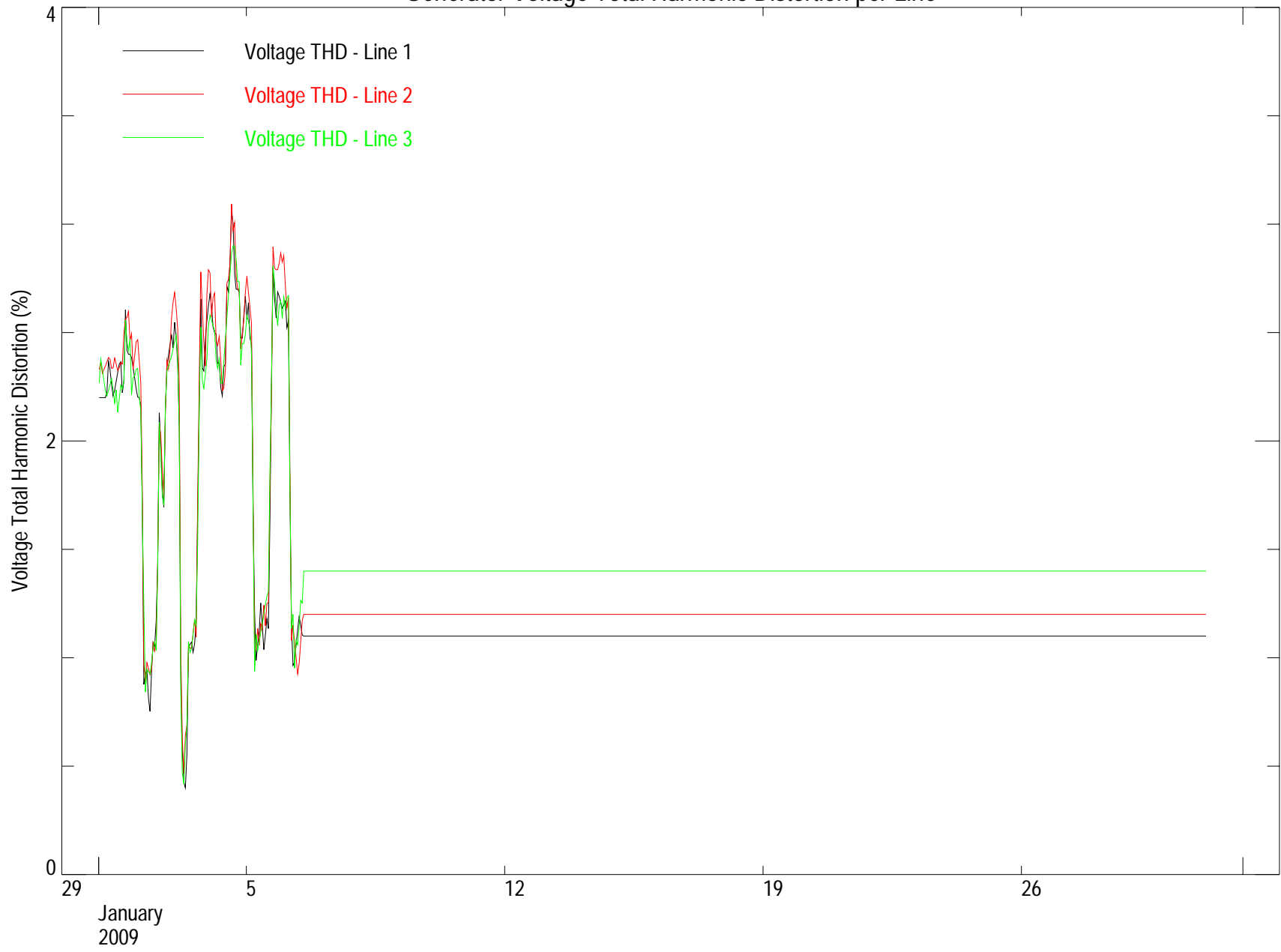
# Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line



# Generator Output Power Factor

