

## GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

09/01/07 to 09/30/07

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	263.0	278.0	290.5	264.0	280.1	293.8	264.7	280.6	293.6	n/a	n/a	n/a
Current (amps)	2.75	318.51	416.98	2.08	315.59	410.92	2.83	324.42	421.49	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	0.1	223.9	282.7
Apparent Power (kVA)	0.8	86.2	112.6	0.6	85.8	111.4	0.8	88.2	114.1	17.8	268.3	335.6
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00	0.83	0.91
Voltage THD (%)	0.40	1.91	3.64	0.31	1.93	3.68	0.42	1.95	3.66	n/a	n/a	n/a
Current THD (%)	0.08	2.09	5.46	0.06	2.21	5.73	0.06	2.20	5.28	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

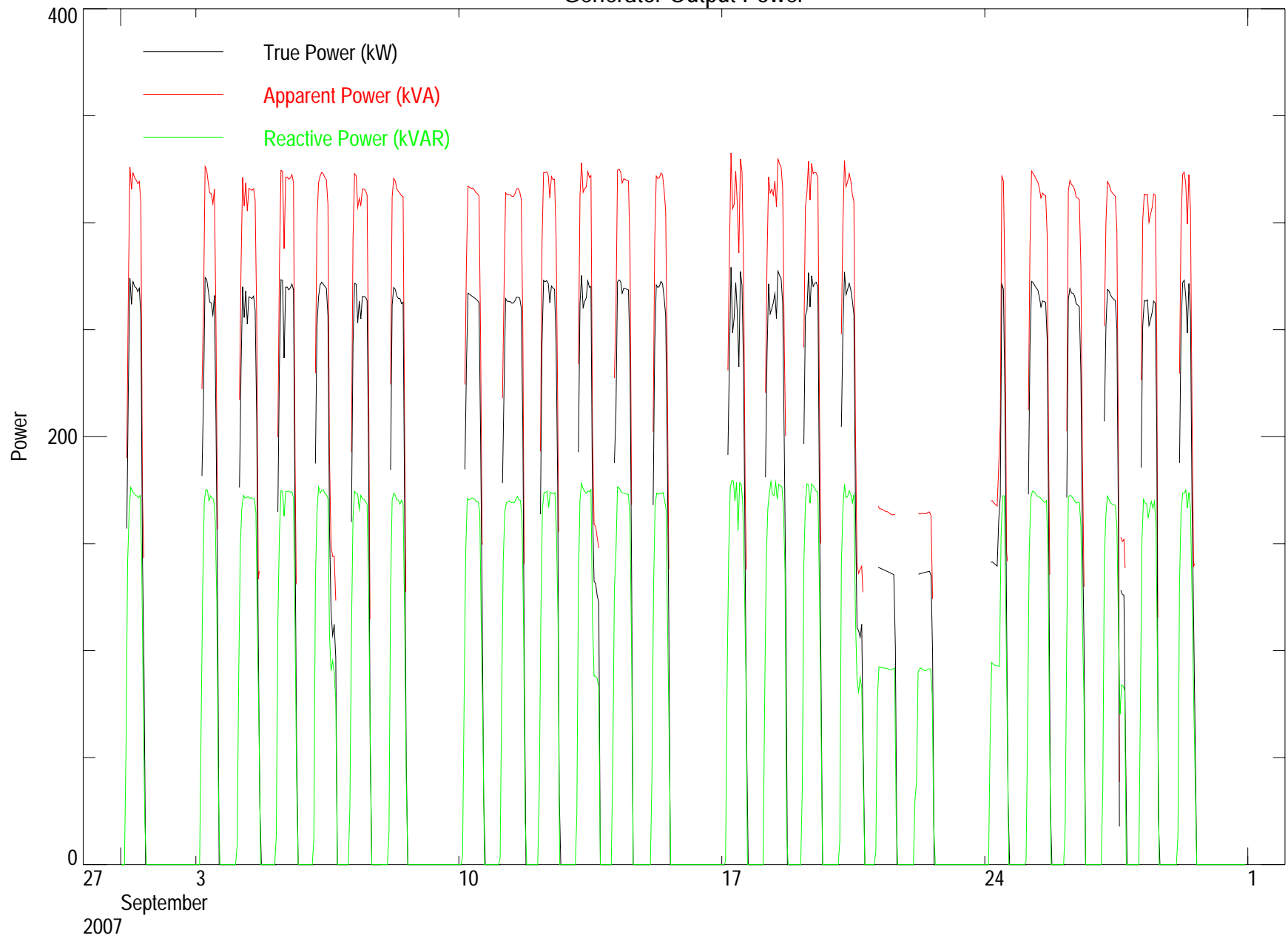
# GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

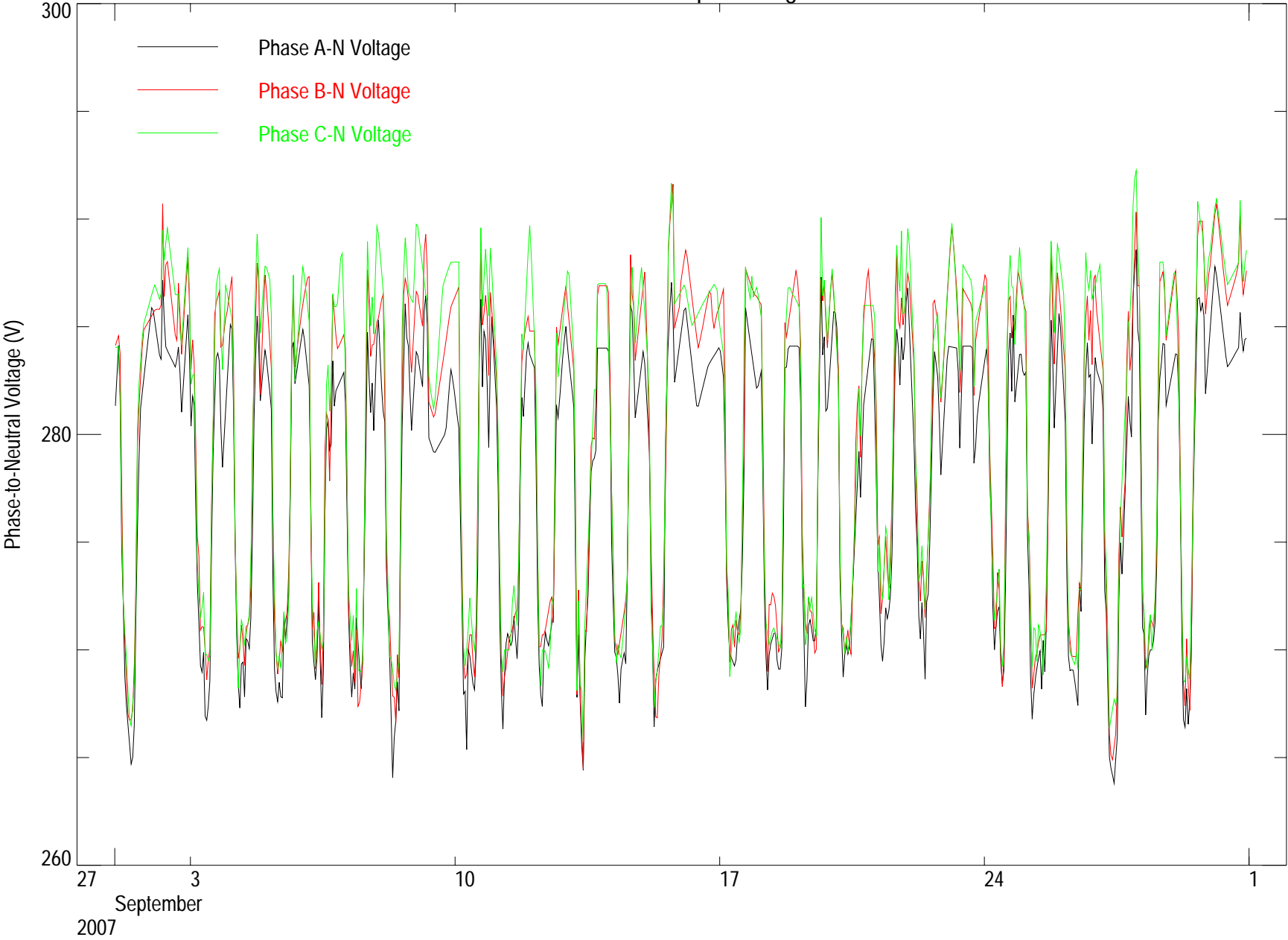
09/01/07 to 09/30/07

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
09/01/07	100.00	3291.30	1813.03	2860.20	0.87
09/02/07	100.00	-	-	0.00	-
09/03/07	100.00	3112.87	1723.50	2575.70	0.83
09/04/07	100.00	3746.41	2116.36	3155.90	0.84
09/05/07	100.00	3596.05	1983.44	3077.80	0.86
09/06/07	100.00	3518.41	1986.13	2976.80	0.85
09/07/07	100.00	3628.16	2024.86	3042.10	0.84
09/08/07	100.00	3008.64	1662.04	2525.20	0.84
09/09/07	100.00	-	-	0.00	-
09/10/07	100.00	3464.12	1928.53	2918.80	0.84
09/11/07	100.00	4291.80	2380.42	3625.50	0.84
09/12/07	100.00	3598.80	1966.26	3014.70	0.84
09/13/07	100.00	3608.34	2012.55	3043.80	0.84
09/14/07	100.00	3510.09	1976.79	2963.40	0.84
09/15/07	100.00	3097.40	1710.18	2607.10	0.84
09/16/07	100.00	-	-	0.00	-
09/17/07	100.00	3564.83	2018.22	3074.60	0.86
09/18/07	100.00	4086.33	2282.34	3448.40	0.84
09/19/07	100.00	3447.32	1944.85	2904.70	0.84
09/20/07	100.00	3600.55	2019.18	3071.30	0.85
09/21/07	100.00	1939.23	1115.42	1621.30	0.84
09/22/07	100.00	1635.21	986.17	1378.40	0.84
09/23/07	100.00	-	-	0.00	-
09/24/07	100.00	2331.05	1300.11	1968.90	0.84
09/25/07	100.00	4189.48	2305.63	3496.40	0.83
09/26/07	100.00	3321.84	1836.99	2770.90	0.83
09/27/07	100.00	3466.96	1947.16	2917.60	0.84
09/28/07	100.00	3278.16	1813.37	2743.70	0.84
09/29/07	100.00	2841.89	1583.95	2381.70	0.84
09/30/07	95.83	-	-	0.00	-
Total	99.86	83175.24	46437.50	70164.90	0.84

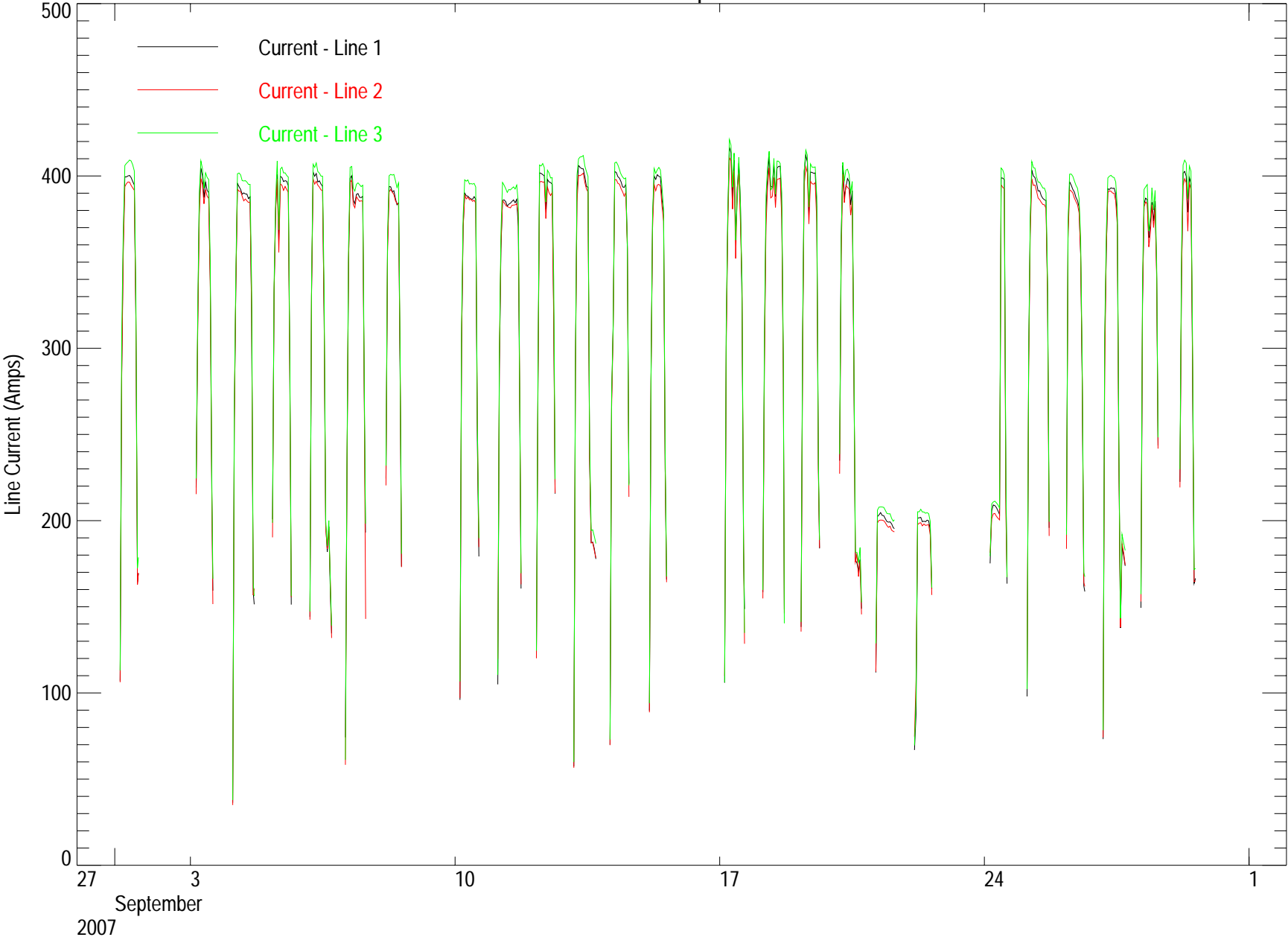
# Generator Output Power



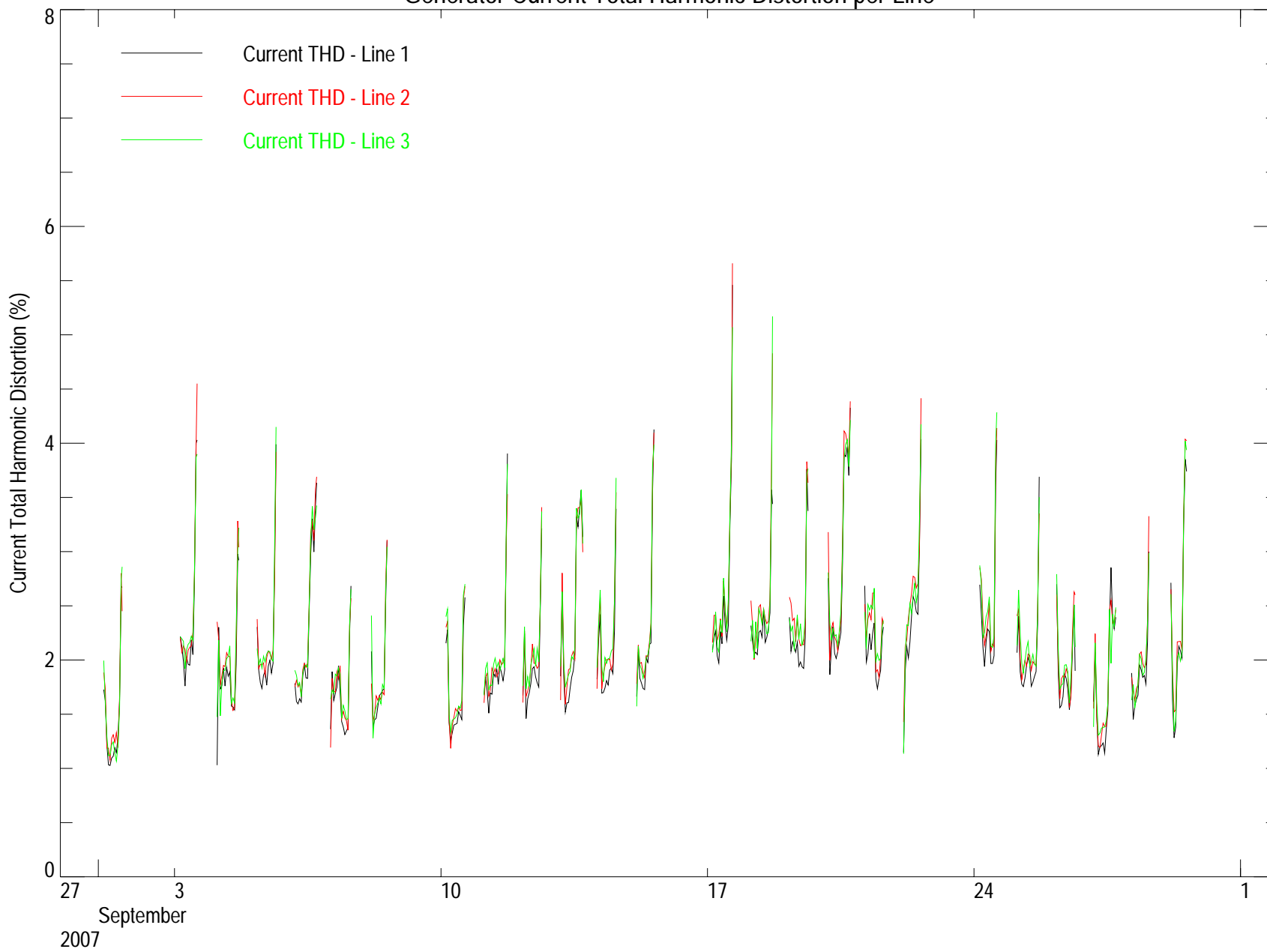
# Generator Output Voltage



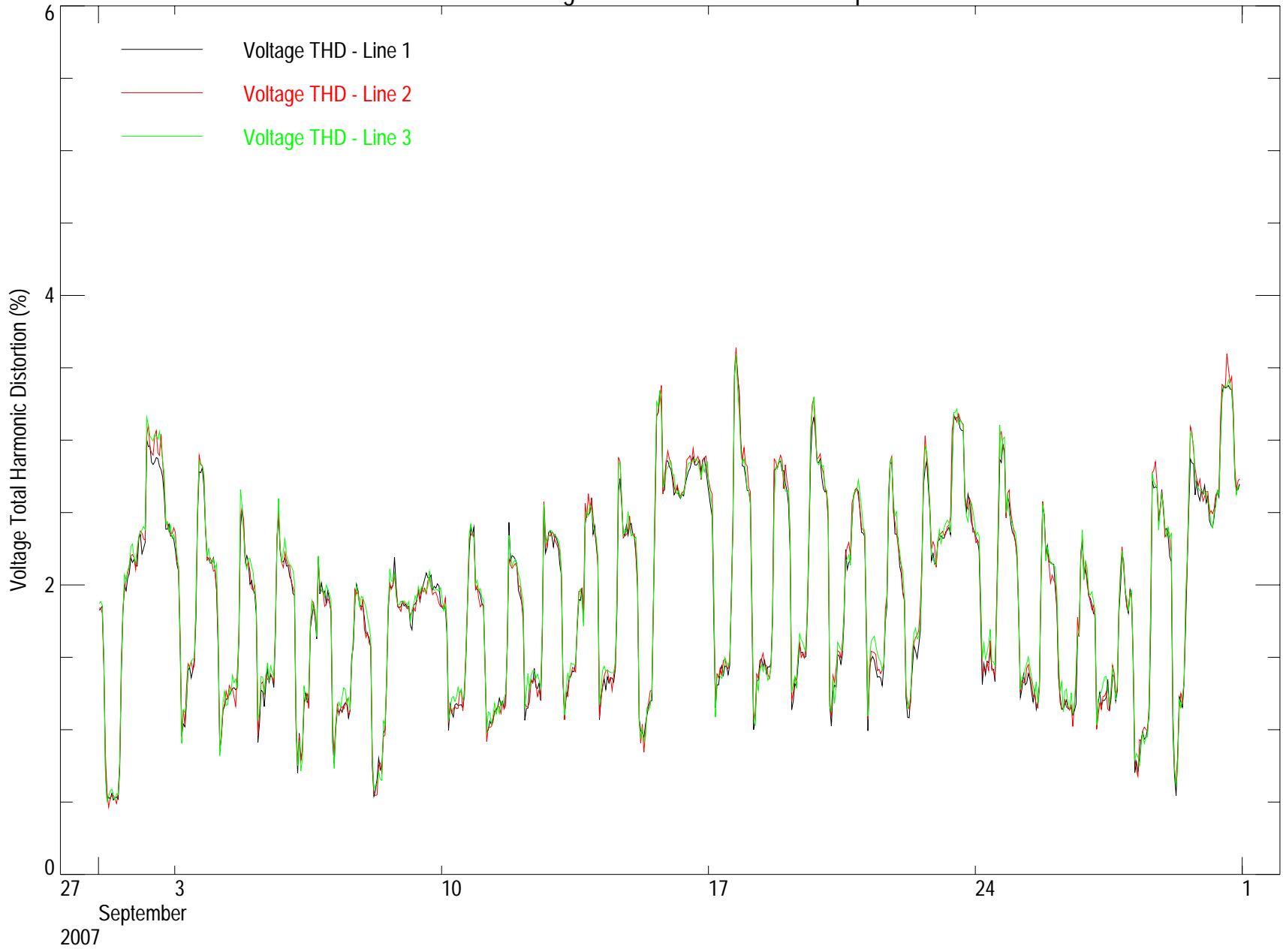
# Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line



# Generator Output Power Factor

