

## GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

06/01/06 to 06/30/06

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	265.1	279.1	290.2	268.5	280.9	291.5	266.2	281.5	293.1	n/a	n/a	n/a
Current (amps)	15.82	343.44	428.02	15.44	341.01	421.67	16.91	350.47	431.79	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	7.8	240.1	291.2
Apparent Power (kVA)	4.4	93.5	115.6	4.4	93.3	114.0	4.8	96.0	117.5	54.4	288.7	344.4
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.14	0.83	0.93
Voltage THD (%)	0.35	1.33	2.74	0.40	1.36	2.85	0.34	1.34	2.70	n/a	n/a	n/a
Current THD (%)	0.40	1.55	3.95	0.40	1.66	4.54	0.35	1.60	3.75	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

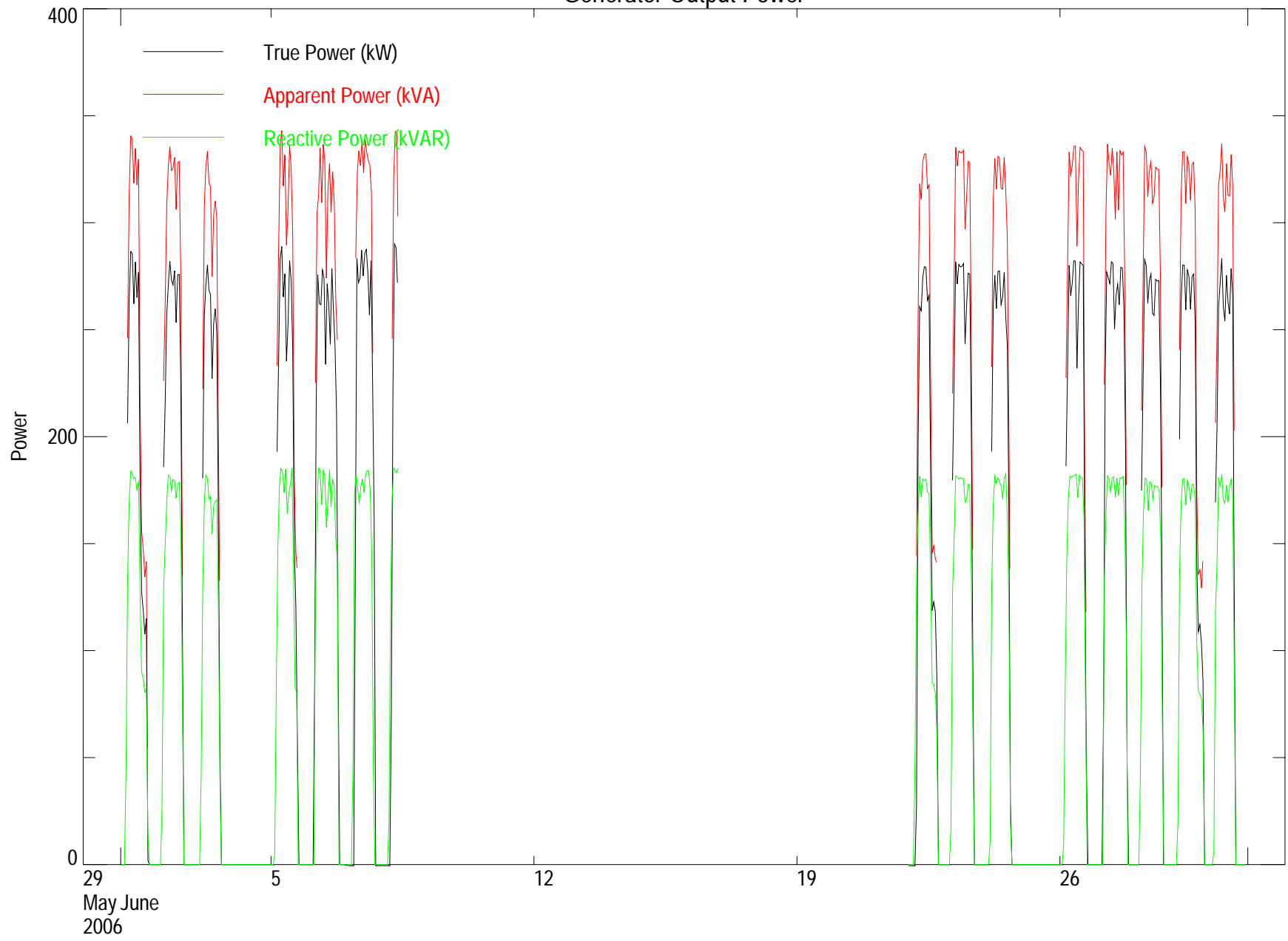
# GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

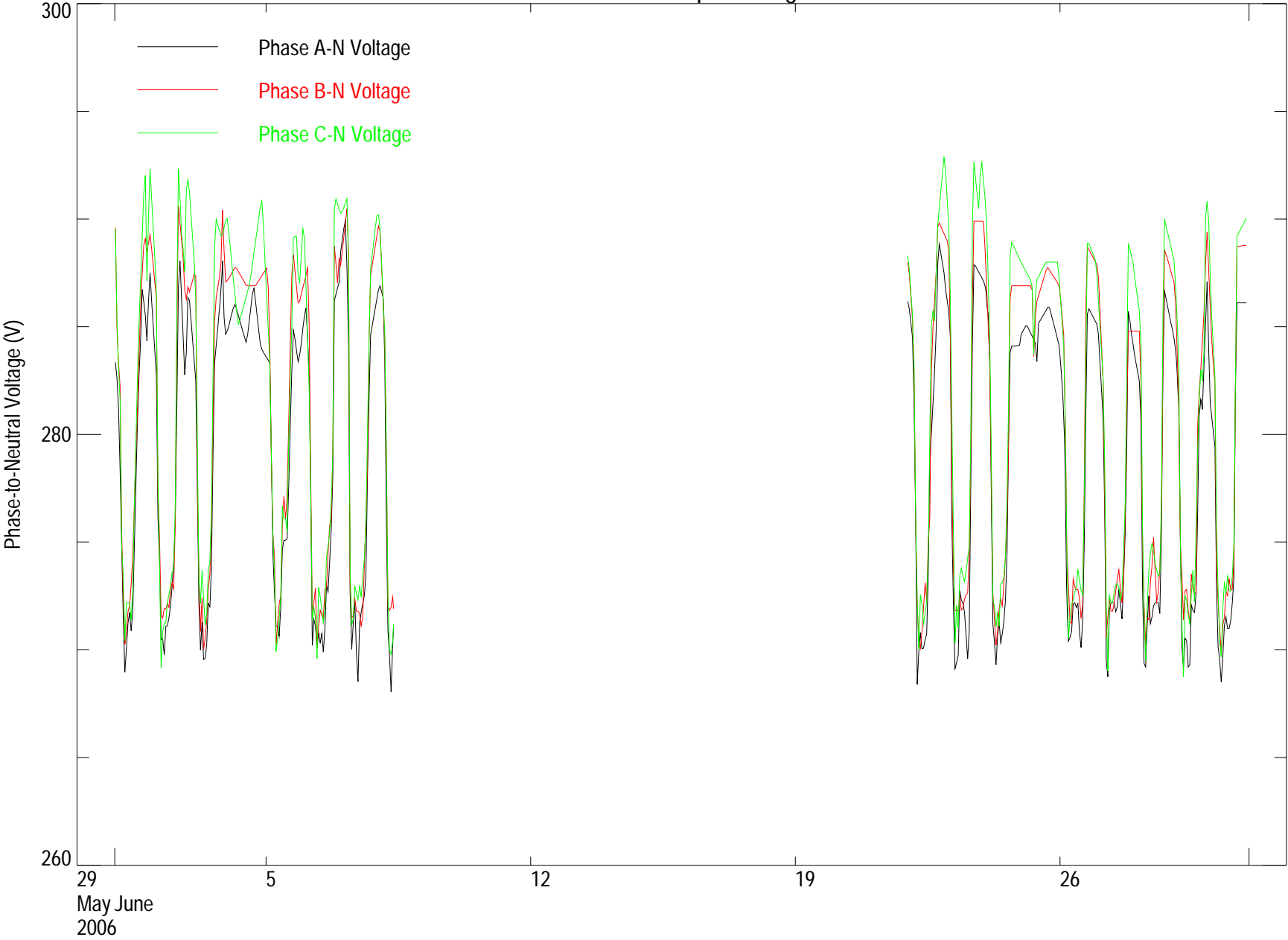
06/01/06 to 06/30/06

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
06/01/06	100.00	3347.98	1906.95	2919.50	0.87
06/02/06	100.00	3809.04	2135.84	3211.30	0.84
06/03/06	100.00	3286.88	1871.40	2824.20	0.86
06/04/06	100.00	-	-	0.00	-
06/05/06	100.00	3795.65	2140.61	3177.60	0.84
06/06/06	100.00	4517.05	2521.86	3899.00	0.86
06/07/06	98.96	3750.42	2194.13	3337.80	0.89
06/08/06	38.54	1327.65	914.24	1033.15	0.78
06/09/06	0.00	-	-	-	-
06/10/06	0.00	-	-	-	-
06/11/06	0.00	-	-	-	-
06/12/06	0.00	-	-	-	-
06/13/06	0.00	-	-	-	-
06/14/06	0.00	-	-	-	-
06/15/06	0.00	-	-	-	-
06/16/06	0.00	-	-	-	-
06/17/06	0.00	-	-	-	-
06/18/06	0.00	-	-	-	-
06/19/06	0.00	-	-	-	-
06/20/06	0.00	-	-	-	-
06/21/06	3.13	-	-	0.00	-
06/22/06	100.00	3427.16	2026.82	3030.60	0.88
06/23/06	100.00	4105.17	2272.07	3473.50	0.85
06/24/06	100.00	3660.85	2044.95	3068.50	0.84
06/25/06	100.00	-	-	0.00	-
06/26/06	100.00	4008.81	2264.03	3408.00	0.85
06/27/06	100.00	4563.95	2526.89	3863.00	0.85
06/28/06	100.00	4170.78	2316.81	3518.00	0.84
06/29/06	100.00	4141.90	2309.61	3476.50	0.84
06/30/06	95.83	3806.16	2110.65	3226.40	0.85
Total	54.55	55719.45	31556.86	47467.04	0.85

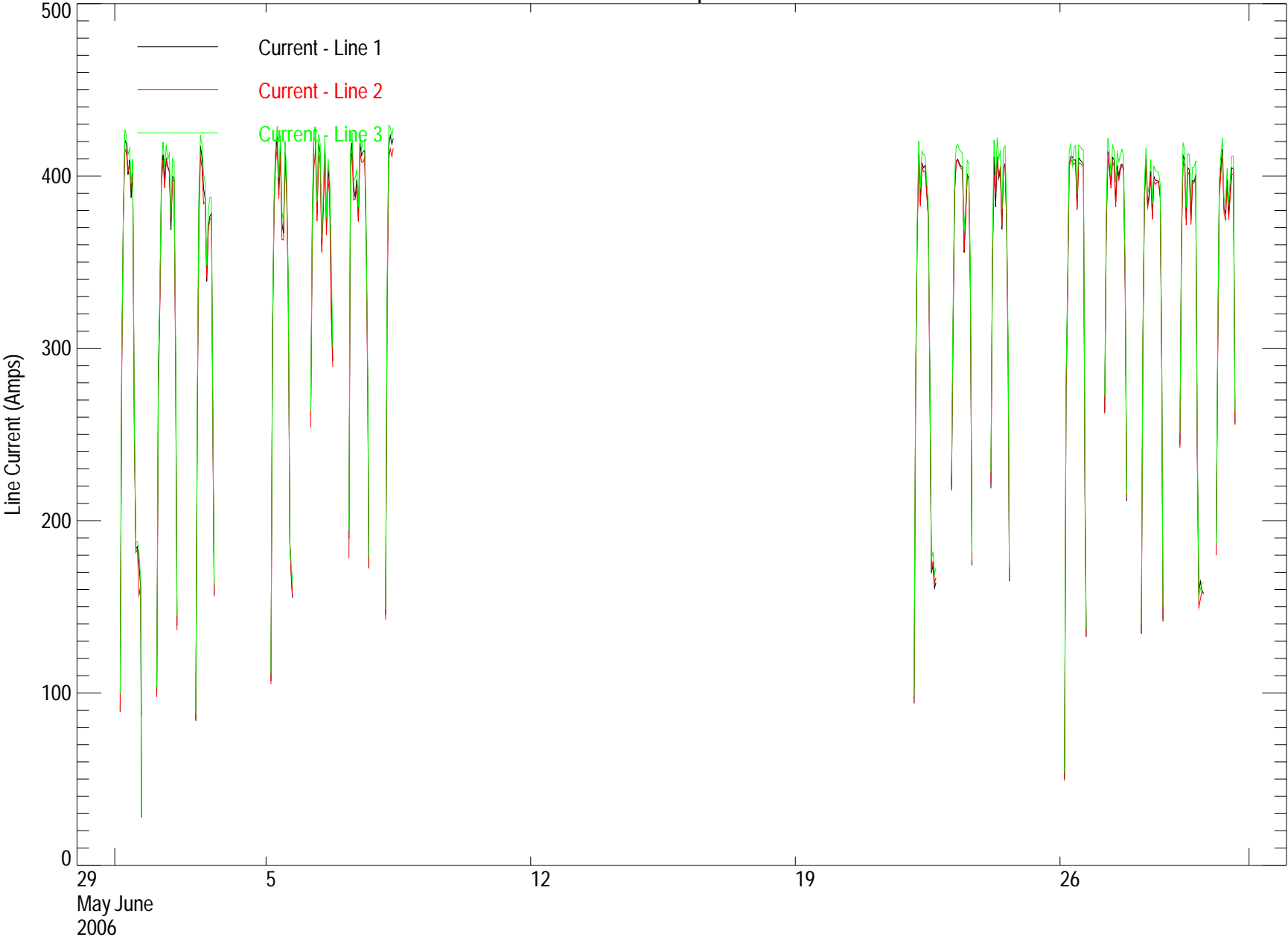
# Generator Output Power



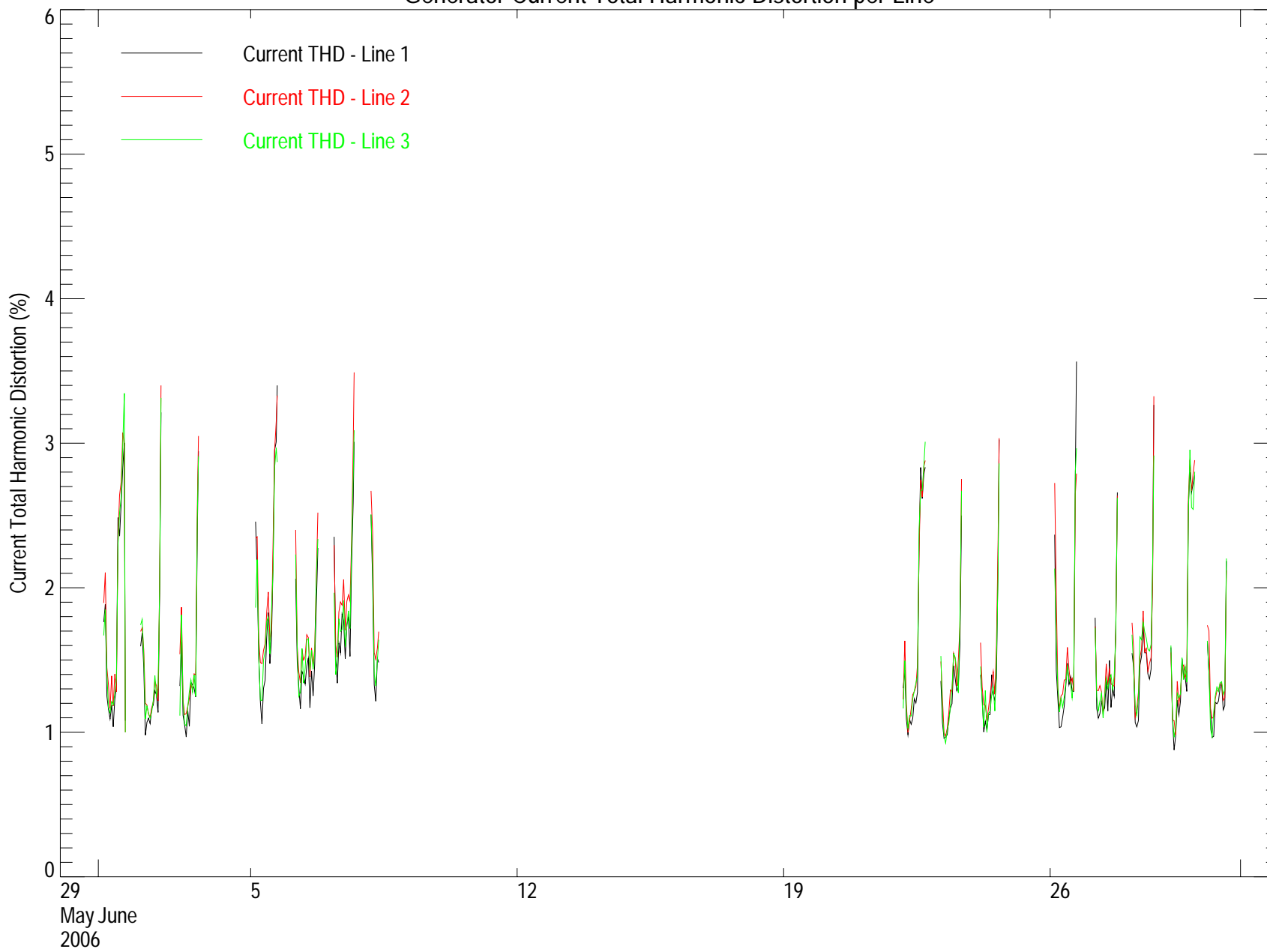
# Generator Output Voltage



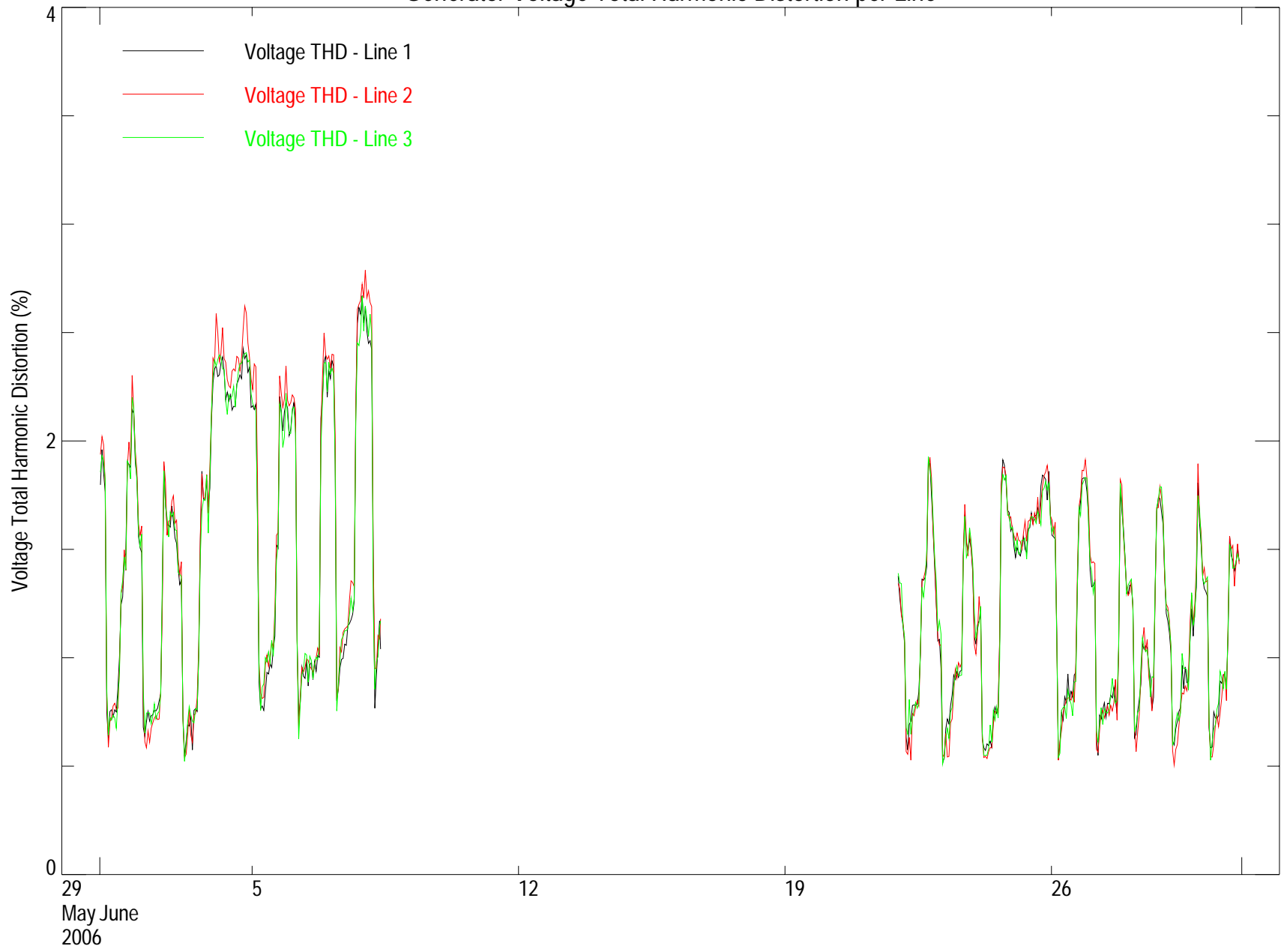
# Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line



# Generator Output Power Factor

