

GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

09/01/05 to 09/30/05

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	22.6	276.4	291.0	4.8	278.6	293.5	89.8	279.5	294.9	n/a	n/a	n/a
Current (amps)	1.07	345.28	431.46	1.06	344.94	430.50	1.06	354.32	441.58	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	5.3	237.2	295.7
Apparent Power (kVA)	0.3	93.8	117.0	0.3	94.3	116.6	0.3	96.9	120.1	117.7	294.7	350.7
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.70	0.83	1.00
Voltage THD (%)	0.02	1.27	2.40	0.02	1.29	2.58	0.02	1.27	2.48	n/a	n/a	n/a
Current THD (%)	0.03	1.46	4.24	0.05	1.56	4.14	0.04	1.50	4.13	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	1.9	59.7	60.1

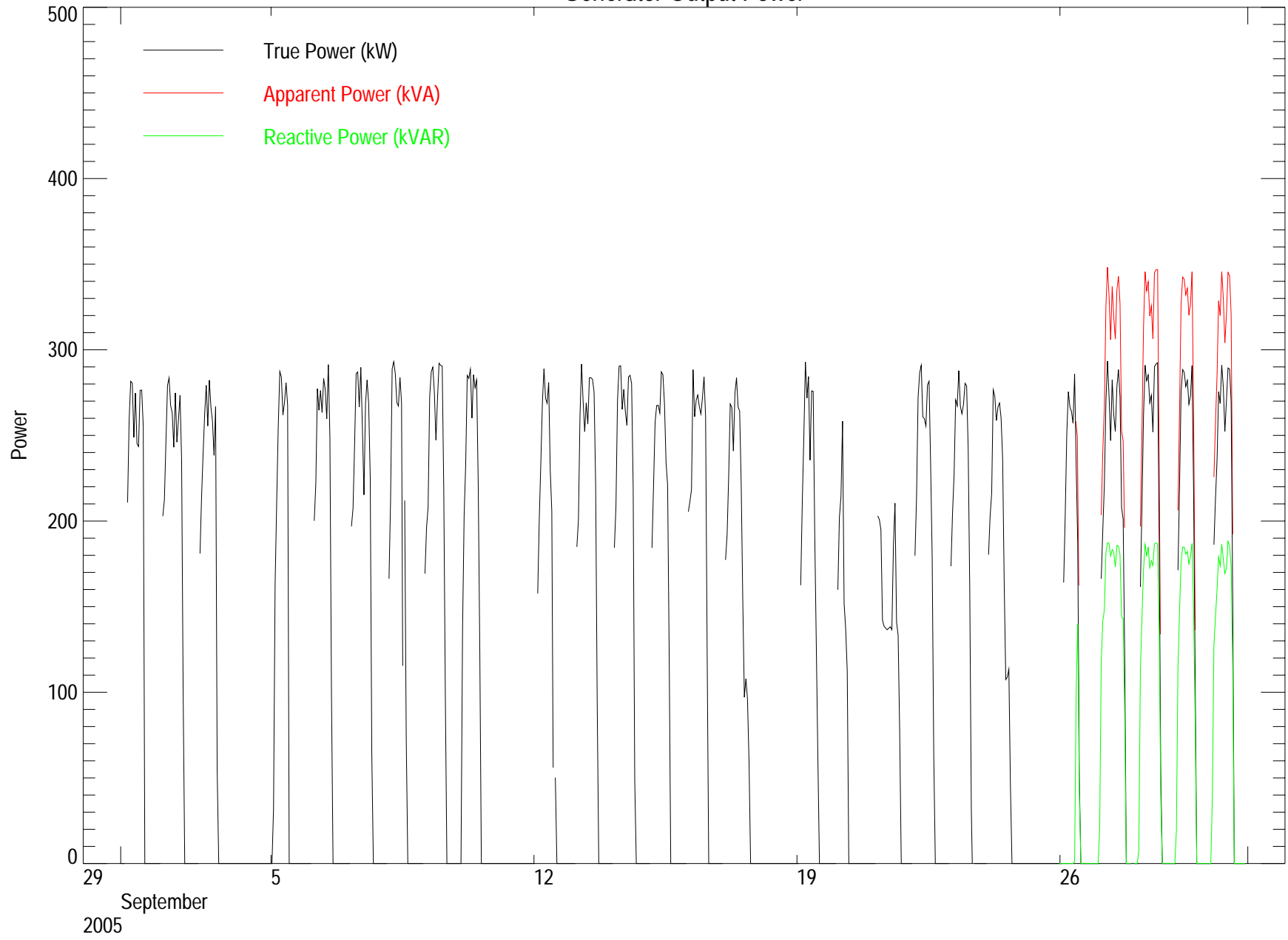
GENERATOR POWER QUALITY - DATA SUMMARY

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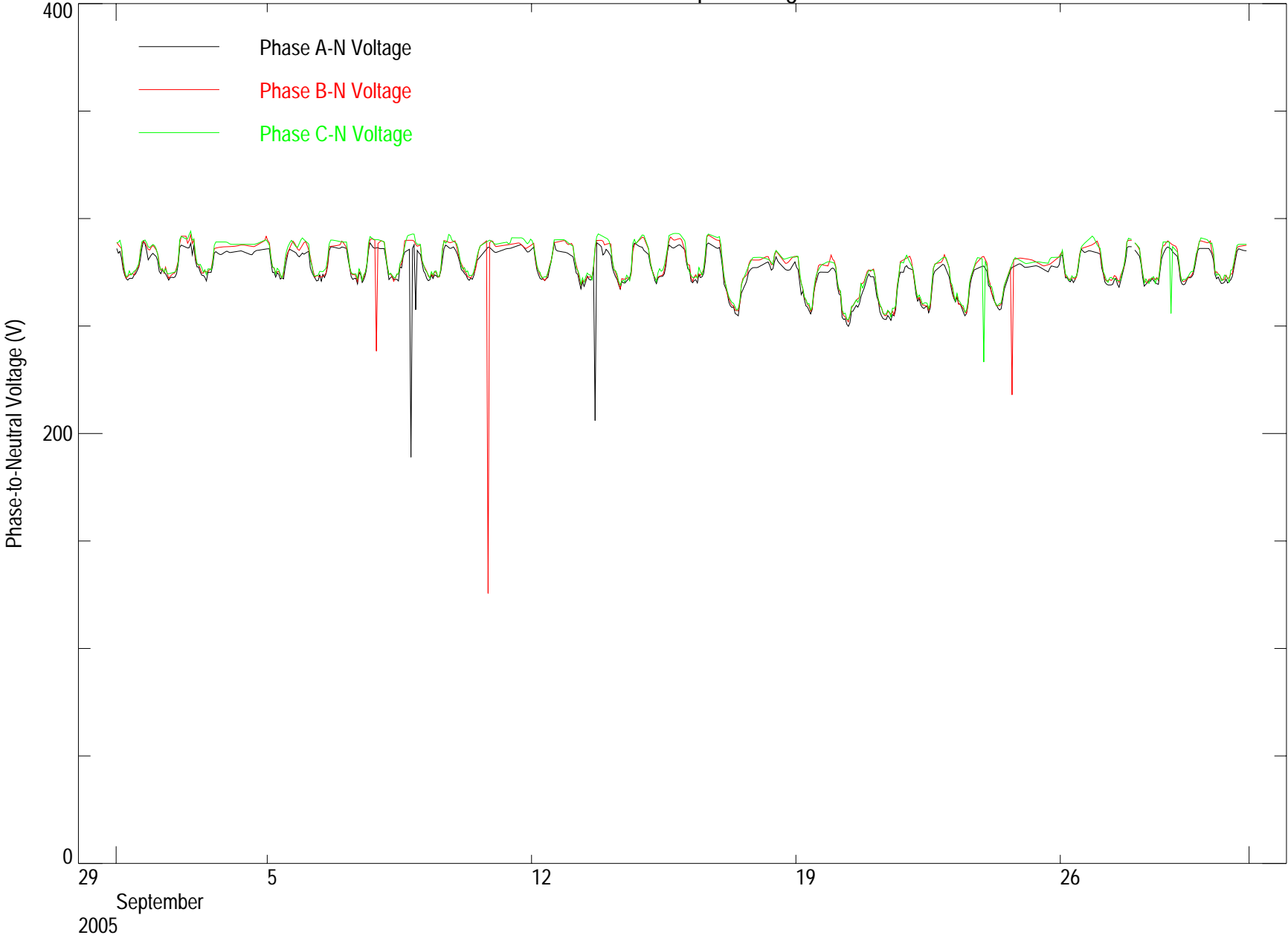
09/01/05 to 09/30/05

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
09/01/05	100.00	-	-	3004.30	-
09/02/05	100.00	-	-	3432.10	-
09/03/05	100.00	-	-	2854.60	-
09/04/05	100.00	-	-	0.00	-
09/05/05	100.00	-	-	2294.10	-
09/06/05	100.00	-	-	3004.30	-
09/07/05	100.00	-	-	3403.80	-
09/08/05	100.00	-	-	2646.70	-
09/09/05	100.00	-	-	3482.60	-
09/10/05	100.00	-	-	2909.20	-
09/11/05	100.00	-	-	0.00	-
09/12/05	100.00	-	-	2531.70	-
09/13/05	100.00	-	-	3495.70	-
09/14/05	100.00	-	-	3448.30	-
09/15/05	100.00	-	-	2934.50	-
09/16/05	100.00	-	-	3296.80	-
09/17/05	100.00	-	-	3196.40	-
09/18/05	100.00	-	-	0.00	-
09/19/05	100.00	-	-	2680.50	-
09/20/05	100.00	-	-	1174.20	-
09/21/05	100.00	-	-	2319.00	-
09/22/05	100.00	-	-	3098.70	-
09/23/05	100.00	-	-	3300.70	-
09/24/05	100.00	-	-	3052.60	-
09/25/05	100.00	-	-	0.00	-
09/26/05	100.00	629.16	284.35	2546.50	-
09/27/05	95.83	4635.32	2625.15	3900.10	0.84
09/28/05	100.00	4073.92	2244.03	3421.00	0.84
09/29/05	100.00	3539.36	1958.96	2940.00	0.83
09/30/05	95.83	3918.38	2190.74	3279.90	0.84
Total	99.72	16796.13	9303.22	77648.30	-

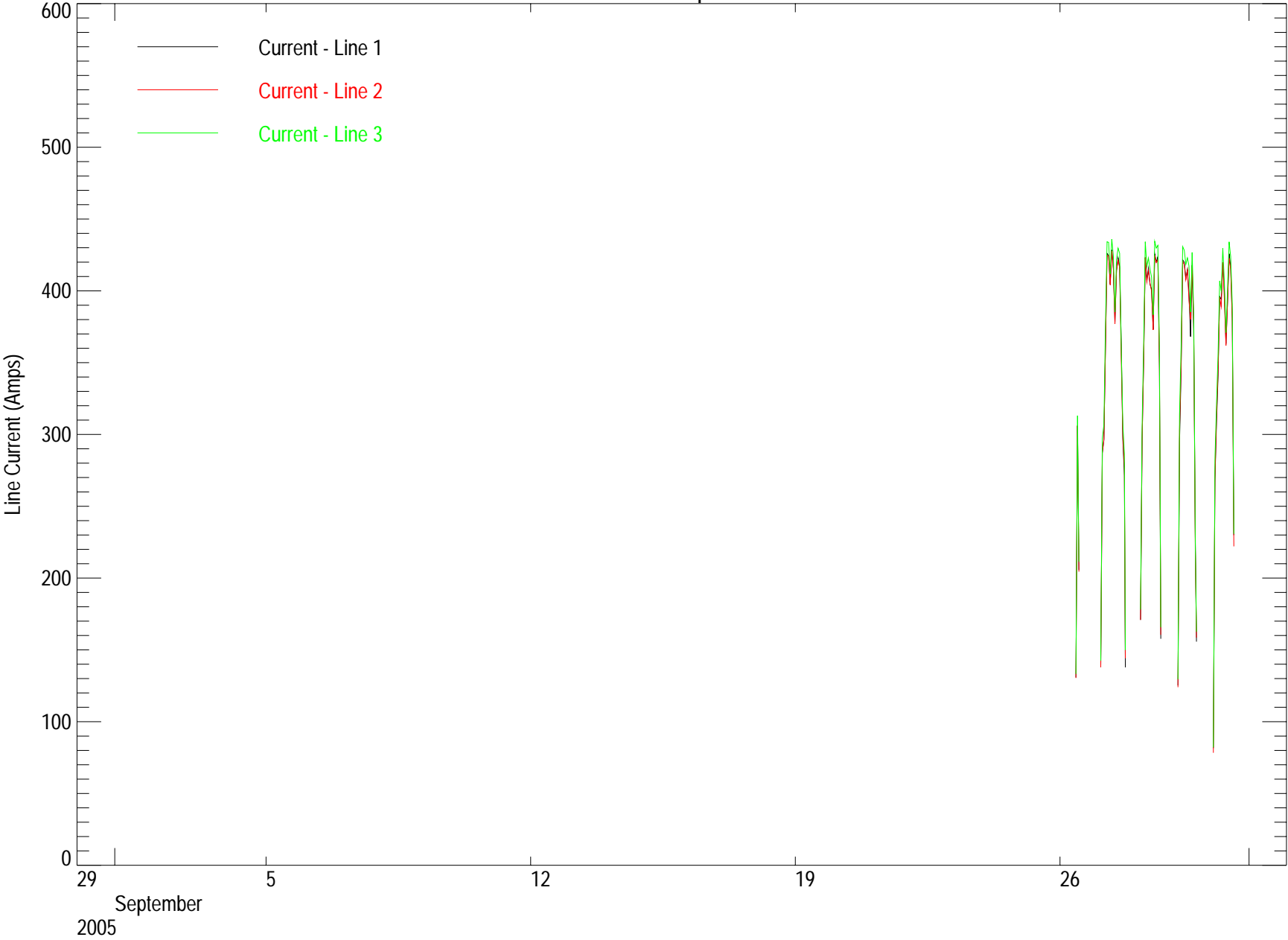
Generator Output Power



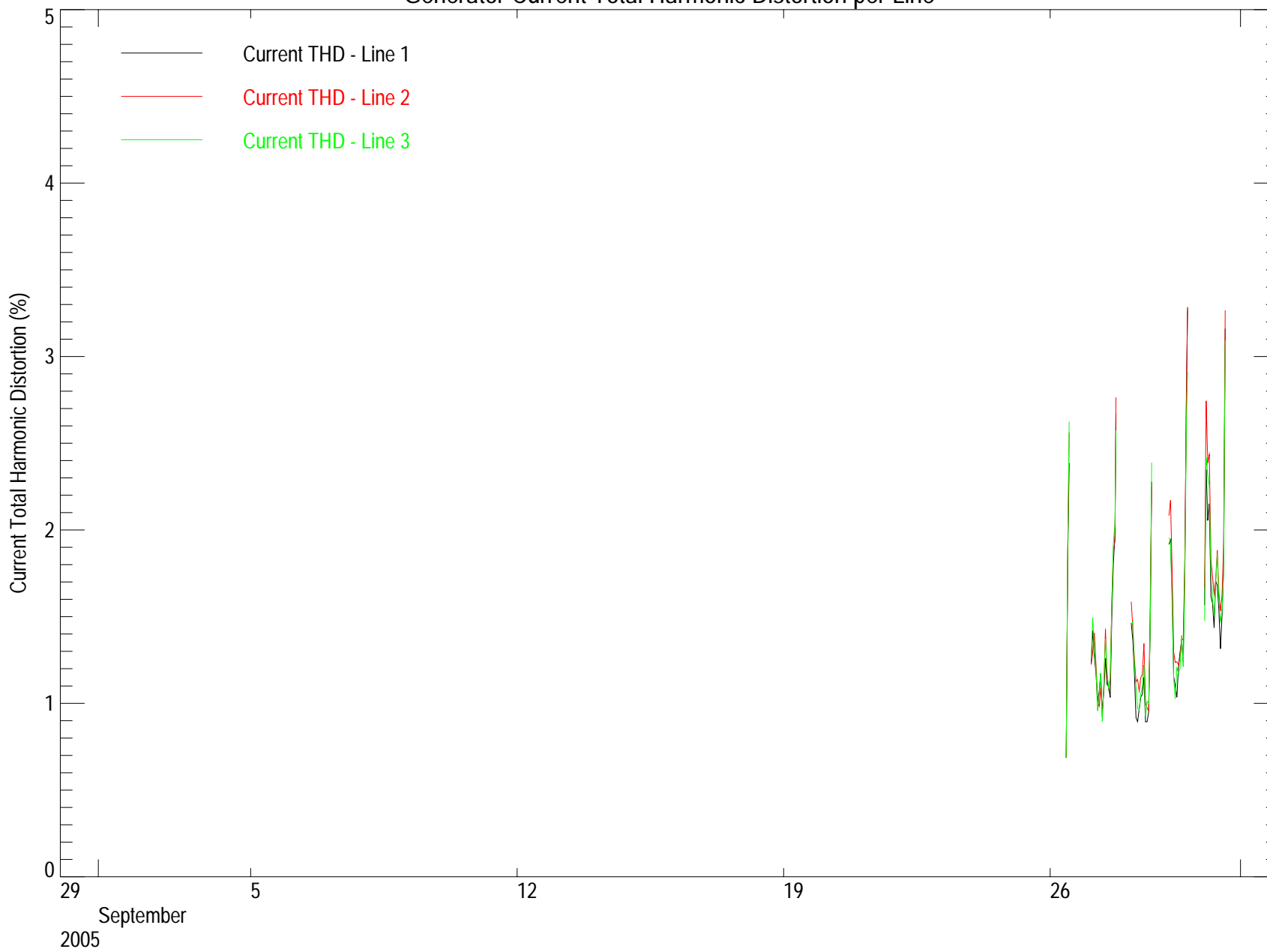
Generator Output Voltage



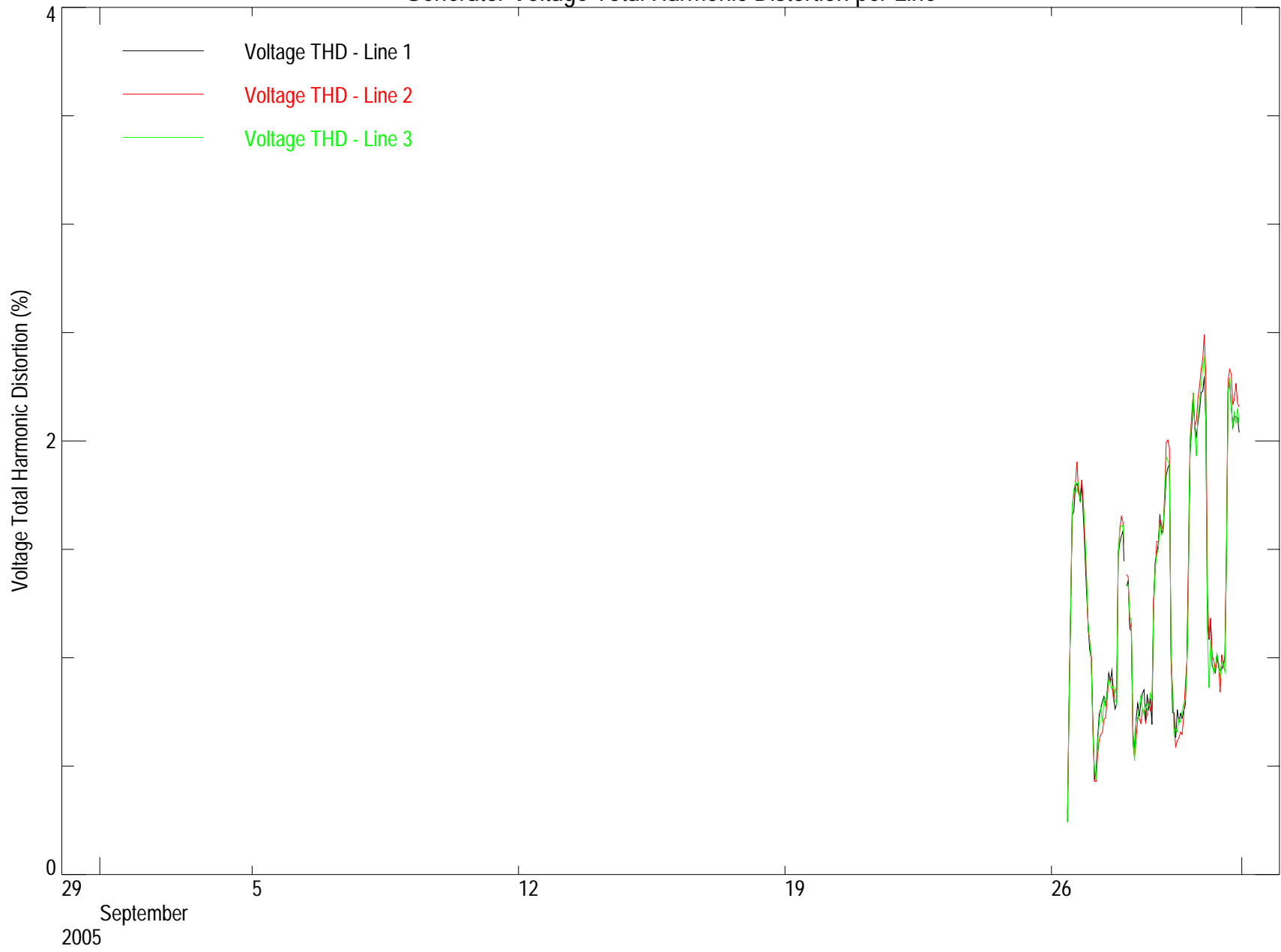
Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line



Generator Output Power Factor

