

GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

06/01/08 to 06/30/08

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	258.1	273.6	288.9	259.1	275.5	291.5	259.5	275.7	291.7	n/a	n/a	n/a
Current (amps)	1.83	346.94	387.21	1.78	342.99	380.05	1.95	355.71	392.00	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	13.2	223.7	261.9
Apparent Power (kVA)	0.5	93.4	104.2	0.5	92.8	102.0	0.6	96.2	105.8	63.7	268.5	312.1
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.21	0.83	0.92
Voltage THD (%)	0.36	1.34	2.57	0.32	1.39	2.58	0.37	1.37	2.70	n/a	n/a	n/a
Current THD (%)	0.08	1.68	4.49	0.05	1.79	5.24	0.07	1.72	4.51	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

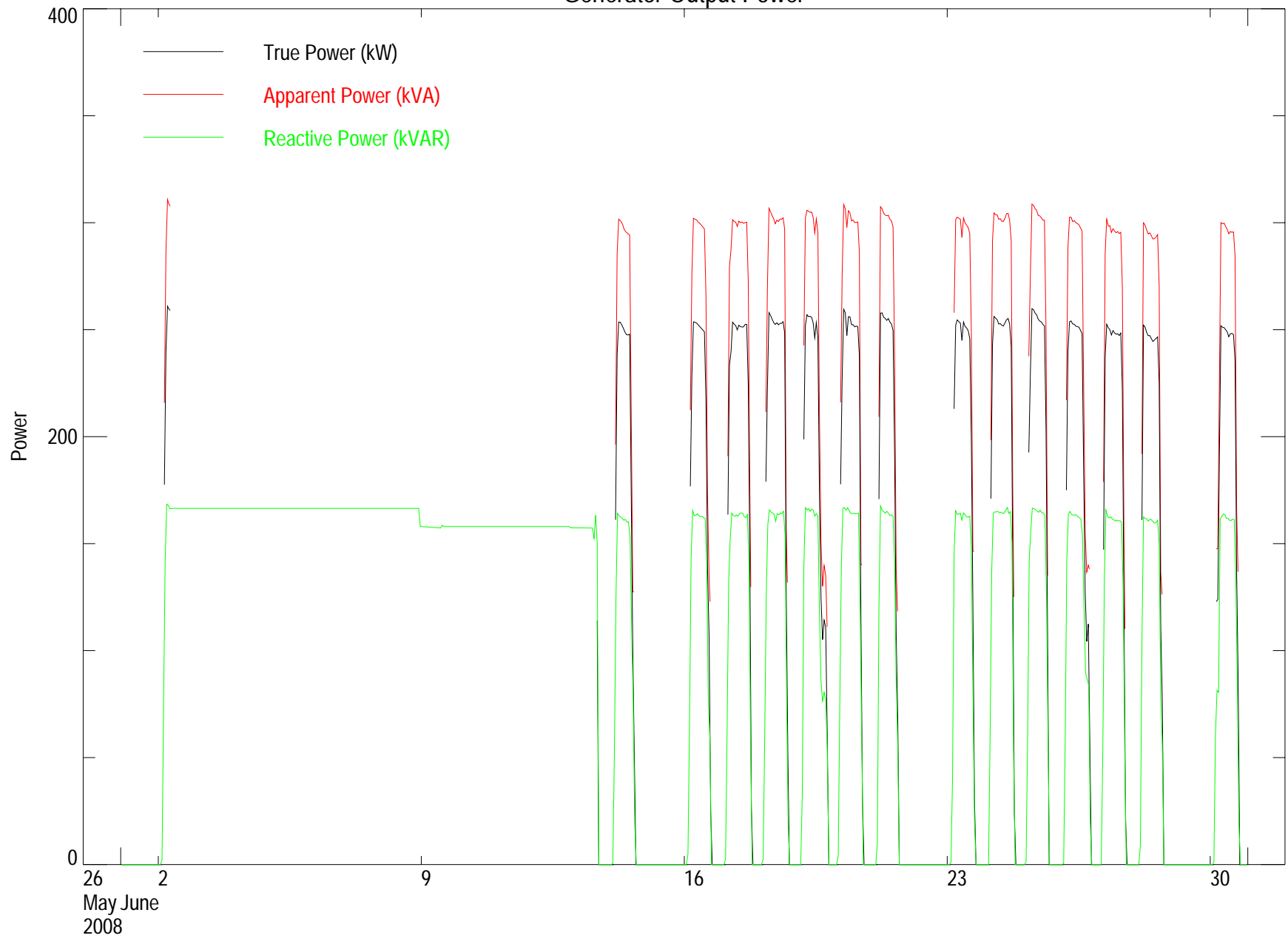
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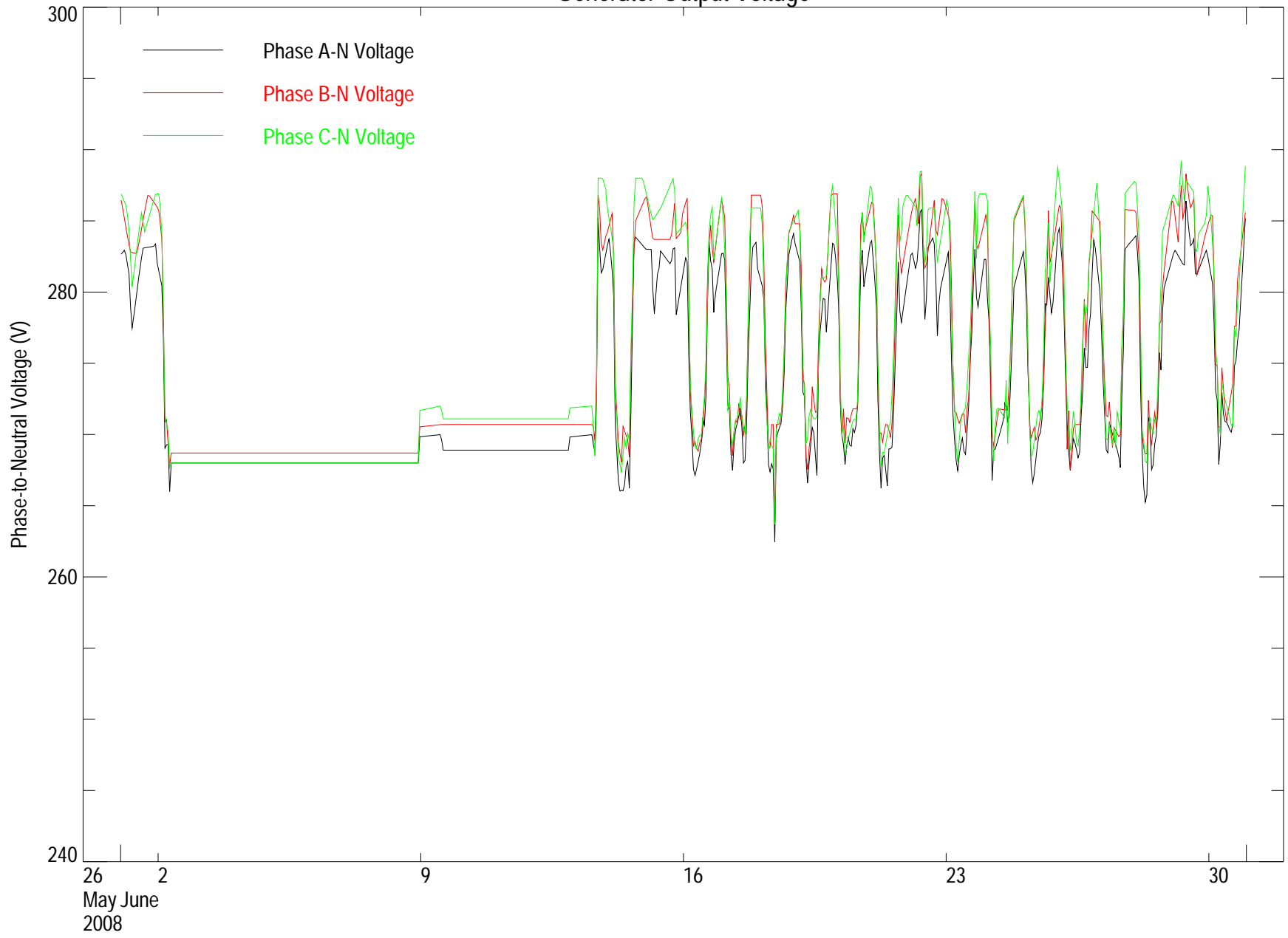
06/01/08 to 06/30/08

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
06/01/08	100.00	-	-	0.00	-
06/02/08	100.00	1275.50	3386.92	1022.30	0.80
06/03/08	100.00	-	3996.00	0.00	-
06/04/08	100.00	-	3996.00	0.00	-
06/05/08	100.00	-	3996.00	0.00	-
06/06/08	100.00	-	3996.00	0.00	-
06/07/08	100.00	-	3996.00	0.00	-
06/08/08	100.00	-	3987.52	0.00	-
06/09/08	98.96	218.30	3788.11	175.20	0.80
06/10/08	100.00	-	3792.00	0.00	-
06/11/08	100.00	-	3792.00	0.00	-
06/12/08	100.00	-	3791.41	0.00	-
06/13/08	92.71	-	2668.60	0.00	-
06/14/08	100.00	3266.37	1829.37	2748.00	0.84
06/15/08	100.00	-	-	0.00	-
06/16/08	100.00	3489.50	1958.79	2936.70	0.84
06/17/08	100.00	4242.12	2343.01	3561.90	0.84
06/18/08	100.00	4025.75	2235.91	3382.20	0.84
06/19/08	100.00	3810.09	2148.59	3205.50	0.84
06/20/08	100.00	3978.38	2212.84	3326.50	0.84
06/21/08	100.00	3403.25	1893.83	2885.70	0.85
06/22/08	100.00	-	-	0.00	-
06/23/08	100.00	3684.40	2072.27	3103.90	0.84
06/24/08	100.00	4315.58	2379.95	3601.50	0.83
06/25/08	100.00	3637.96	2035.27	3027.00	0.83
06/26/08	100.00	3933.06	2223.67	3296.30	0.84
06/27/08	100.00	3886.19	2148.53	3266.80	0.84
06/28/08	100.00	3645.74	2007.45	3047.10	0.84
06/29/08	100.00	-	-	0.00	-
06/30/08	100.00	3752.10	2075.25	3134.10	0.84
Total	99.72	54564.30	74751.27	45720.70	0.84

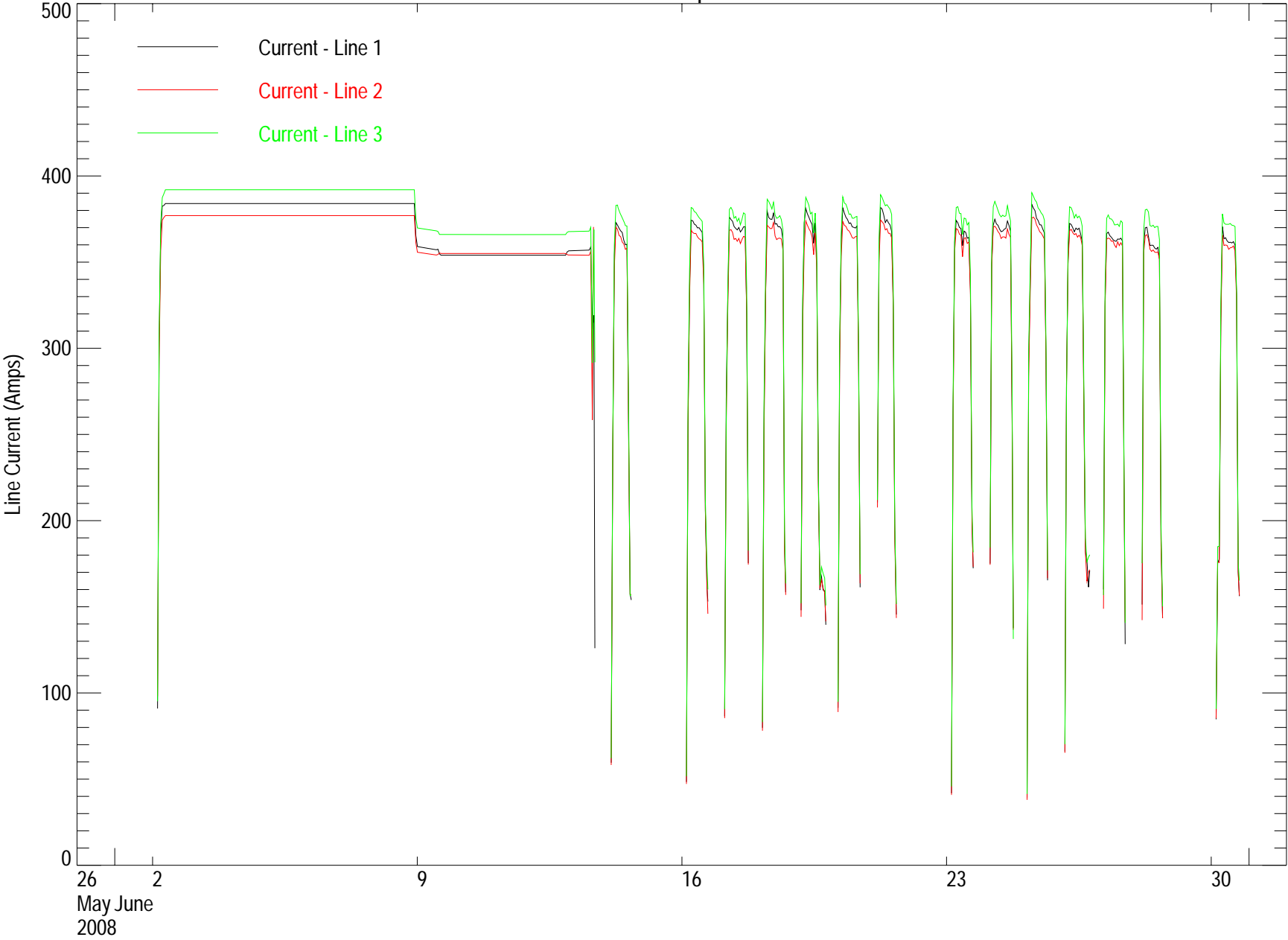
Generator Output Power



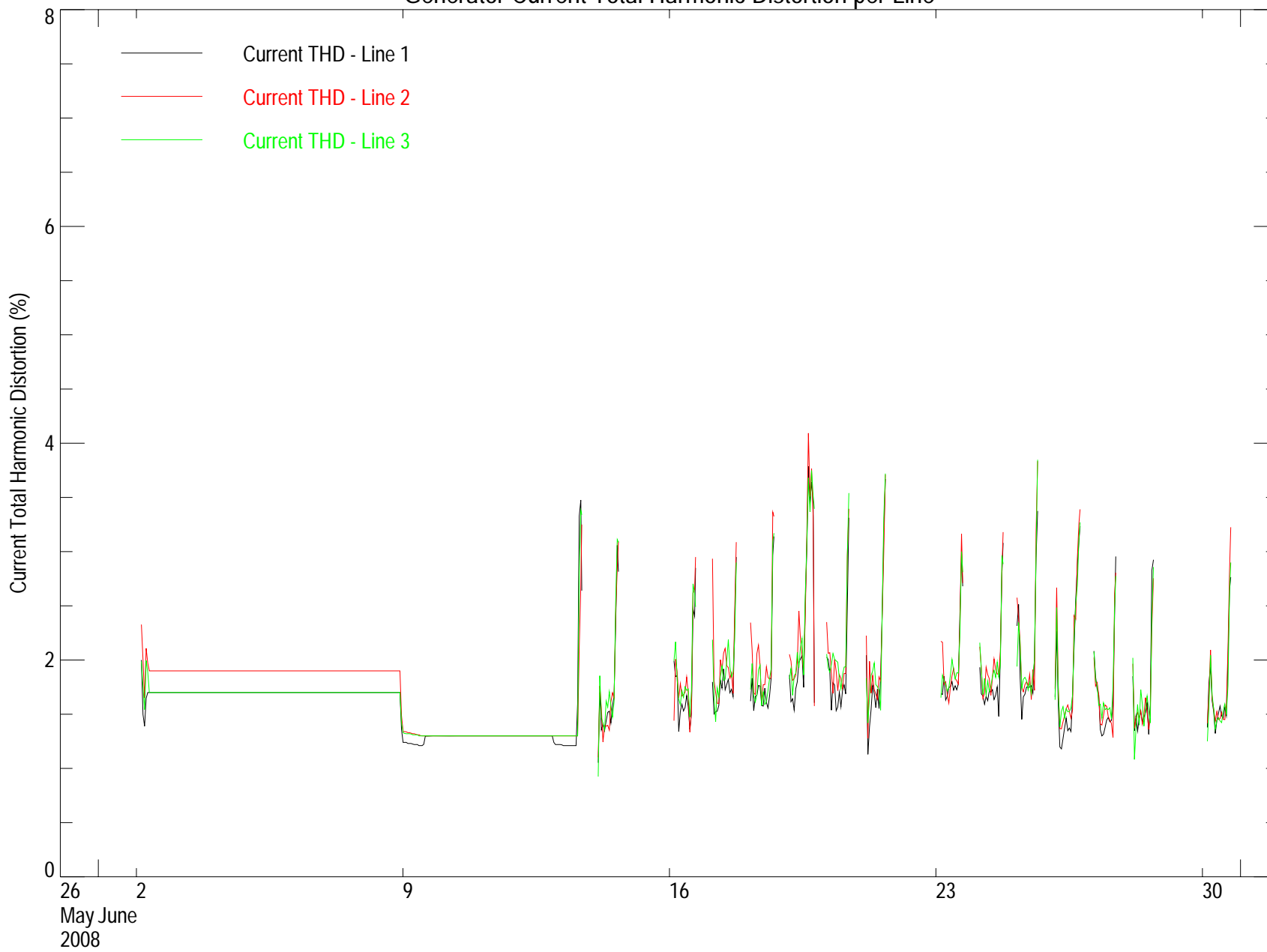
Generator Output Voltage



Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line

