

GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

01/01/06 to 01/31/06

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	265.5	280.5	292.1	266.8	282.8	294.2	267.8	283.0	295.8	n/a	n/a	n/a
Current (amps)	0.19	325.60	434.55	0.15	319.74	427.93	0.13	333.58	440.18	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	66.0	235.4	297.5
Apparent Power (kVA)	0.1	88.9	117.8	0.0	87.8	116.6	0.0	91.5	119.7	43.3	281.5	352.5
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.62	0.83	0.90
Voltage THD (%)	0.56	1.85	3.69	0.51	1.89	3.69	0.50	1.82	3.66	n/a	n/a	n/a
Current THD (%)	0.05	1.91	5.10	0.03	2.20	100.88	0.02	1.96	43.97	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

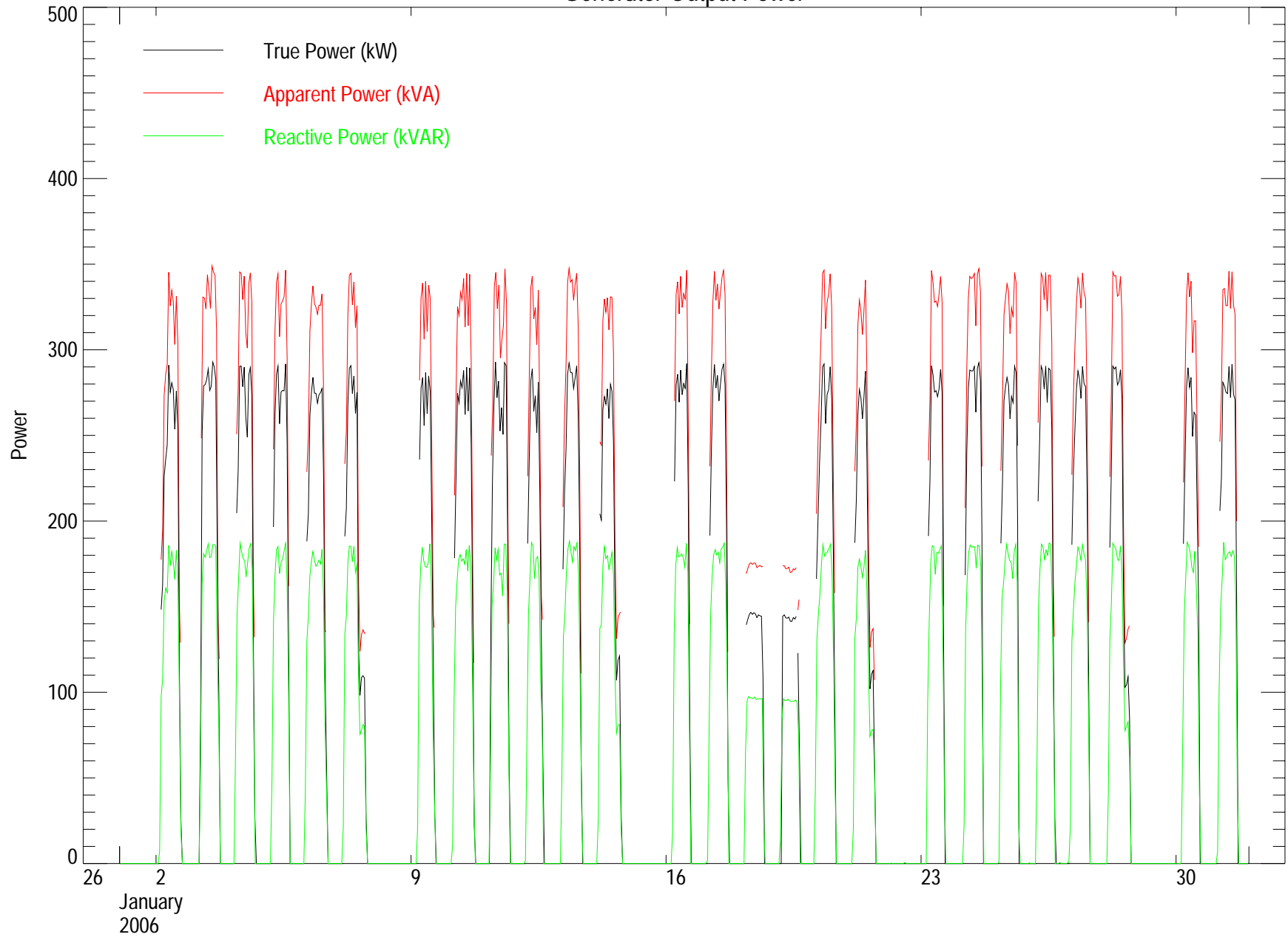
GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

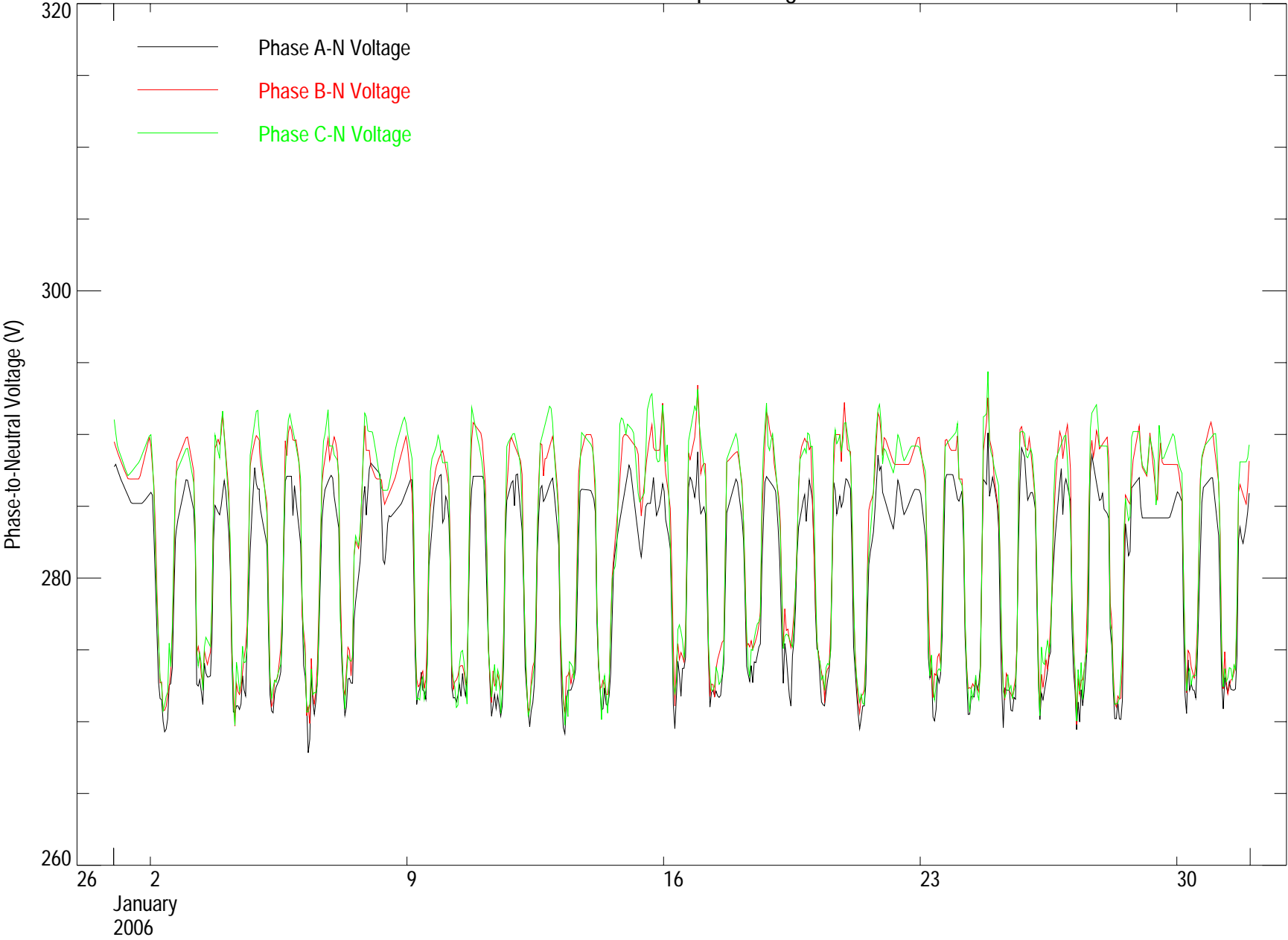
01/01/06 to 01/31/06

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
01/01/06	100.00	-	-	0.00	-
01/02/06	100.00	3680.48	2036.96	3124.70	0.85
01/03/06	100.00	3786.03	2069.67	3141.90	0.83
01/04/06	100.00	3712.10	2066.27	3107.40	0.84
01/05/06	100.00	3334.69	1879.45	2786.70	0.84
01/06/06	100.00	3890.73	2180.45	3286.00	0.84
01/07/06	100.00	3529.12	1994.03	2920.30	0.83
01/08/06	100.00	-	-	0.00	-
01/09/06	100.00	3004.60	1701.21	2536.60	0.84
01/10/06	100.00	3952.43	2177.97	3324.50	0.84
01/11/06	100.00	3675.24	2006.06	3104.10	0.84
01/12/06	100.00	2951.94	1641.49	2490.80	0.84
01/13/06	100.00	3768.19	2092.79	3119.60	0.83
01/14/06	100.00	3706.98	2086.71	3155.80	0.85
01/15/06	100.00	-	-	0.00	-
01/16/06	100.00	3305.22	1842.62	2753.60	0.83
01/17/06	100.00	3840.51	2111.97	3179.10	0.83
01/18/06	100.00	2041.43	1149.67	1723.00	0.84
01/19/06	100.00	1903.79	1124.81	1560.30	0.82
01/20/06	100.00	3723.73	2083.41	3076.40	0.83
01/21/06	100.00	3377.15	1893.30	2870.20	0.85
01/22/06	100.00	-	0.96	0.00	-
01/23/06	100.00	3326.88	1856.05	2796.30	0.84
01/24/06	100.00	3769.94	2058.23	3146.10	0.83
01/25/06	100.00	3704.31	2042.28	3127.80	0.84
01/26/06	100.00	3427.93	1902.92	2873.20	0.84
01/27/06	100.00	3548.00	1961.17	2961.80	0.83
01/28/06	100.00	3558.59	2006.41	2960.50	0.83
01/29/06	100.00	-	-	0.00	-
01/30/06	100.00	3219.07	1799.48	2712.00	0.84
01/31/06	100.00	3704.81	2068.05	3123.30	0.84
Total	100.00	89443.90	49834.35	74962.00	0.84

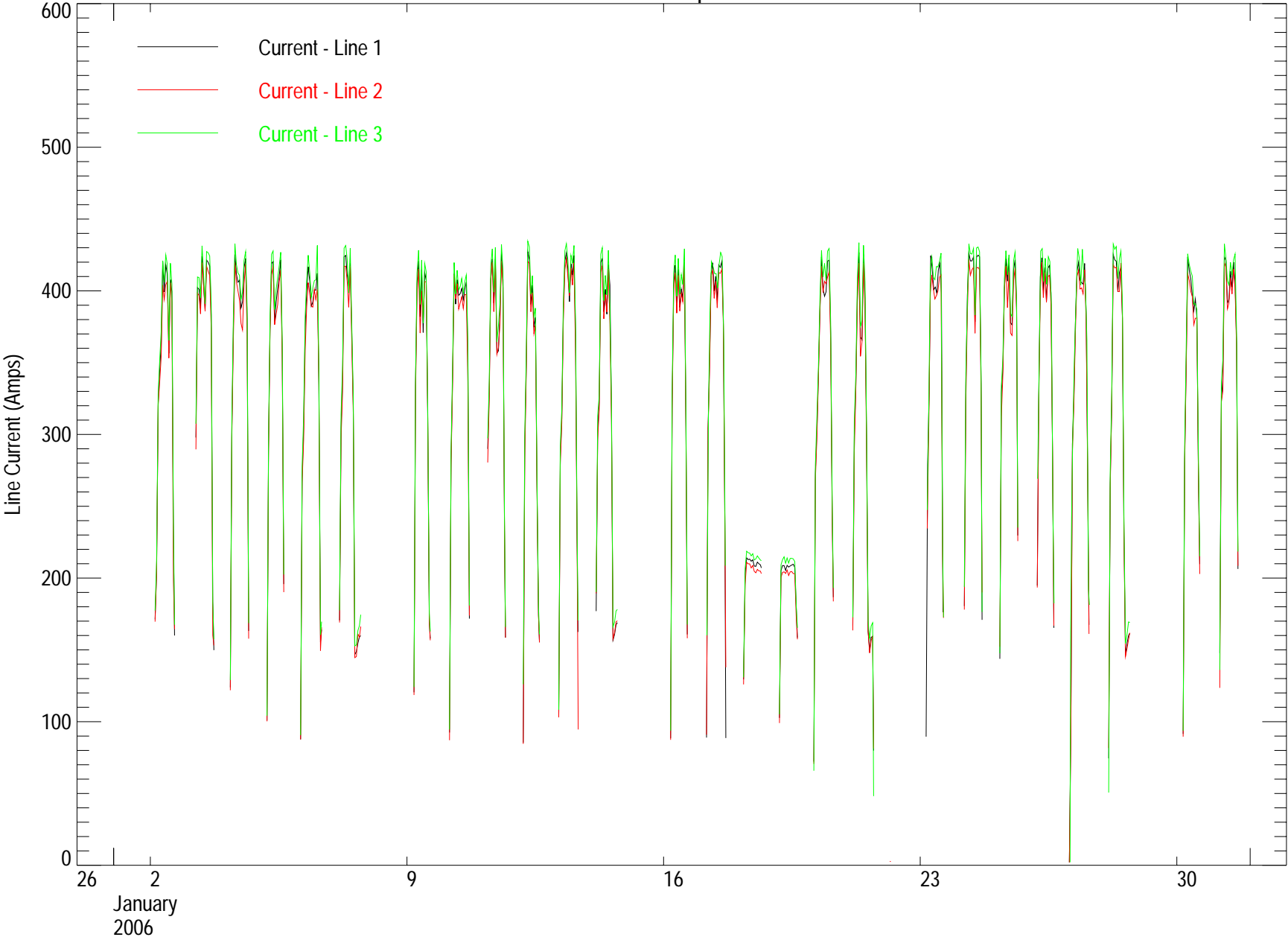
Generator Output Power



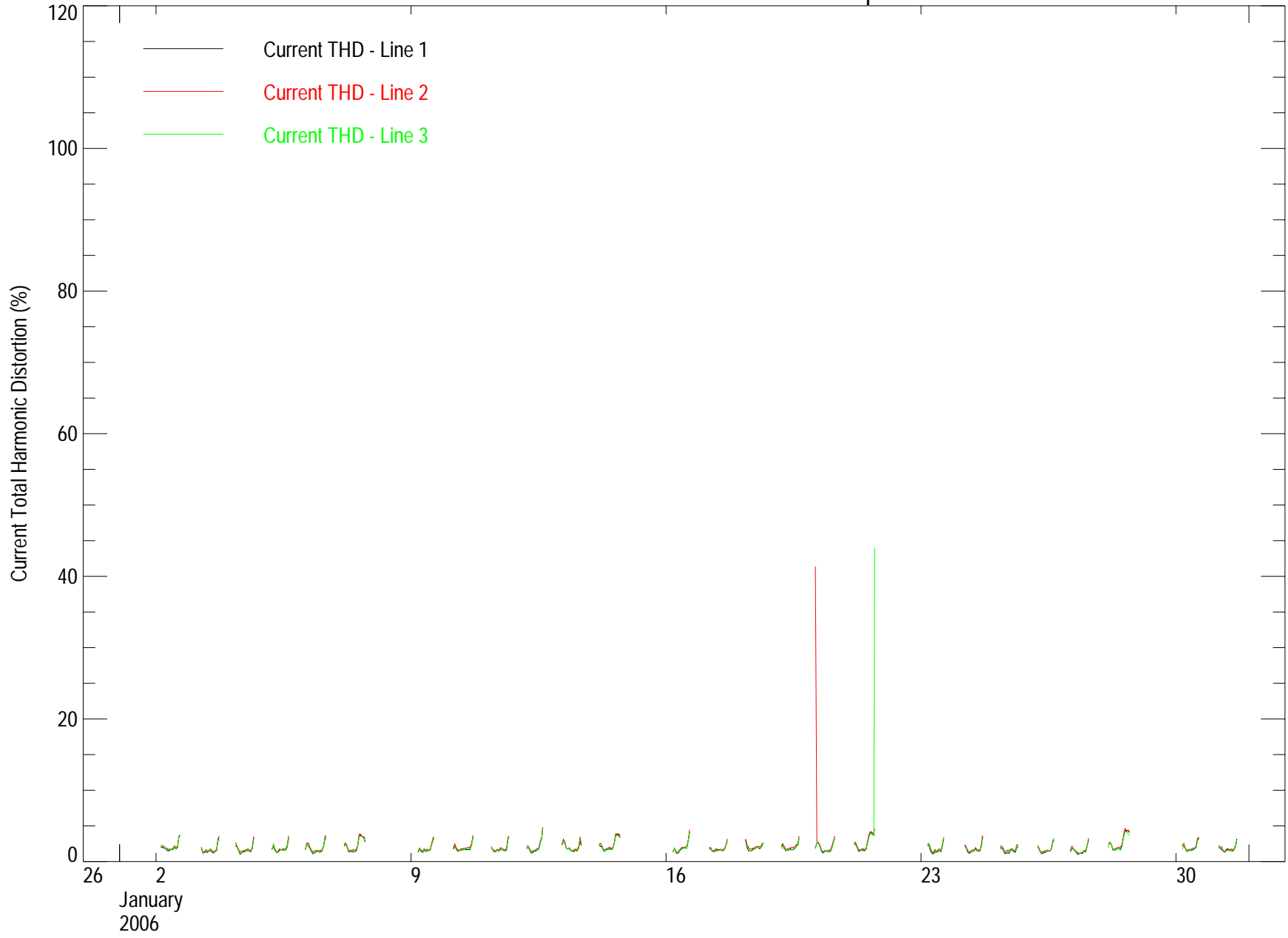
Generator Output Voltage



Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line

