

GENERATOR POWER QUALITY - DATA SUMMARY

Arrow Linen

11/01/07 to 11/30/07

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	262.3	278.3	292.9	262.9	280.9	296.8	263.4	280.6	296.0	n/a	n/a	n/a
Current (amps)	1.83	330.89	431.78	0.60	324.96	423.73	1.64	337.42	438.86	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	43.2	231.3	291.2
Apparent Power (kVA)	0.5	89.6	115.8	0.2	88.5	114.4	0.5	91.8	119.1	77.6	277.6	345.3
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.56	0.83	0.92
Voltage THD (%)	0.47	2.03	3.54	0.42	2.05	3.54	0.37	1.99	3.52	n/a	n/a	n/a
Current THD (%)	0.01	2.35	35.33	0.07	2.41	5.68	0.01	2.33	5.74	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

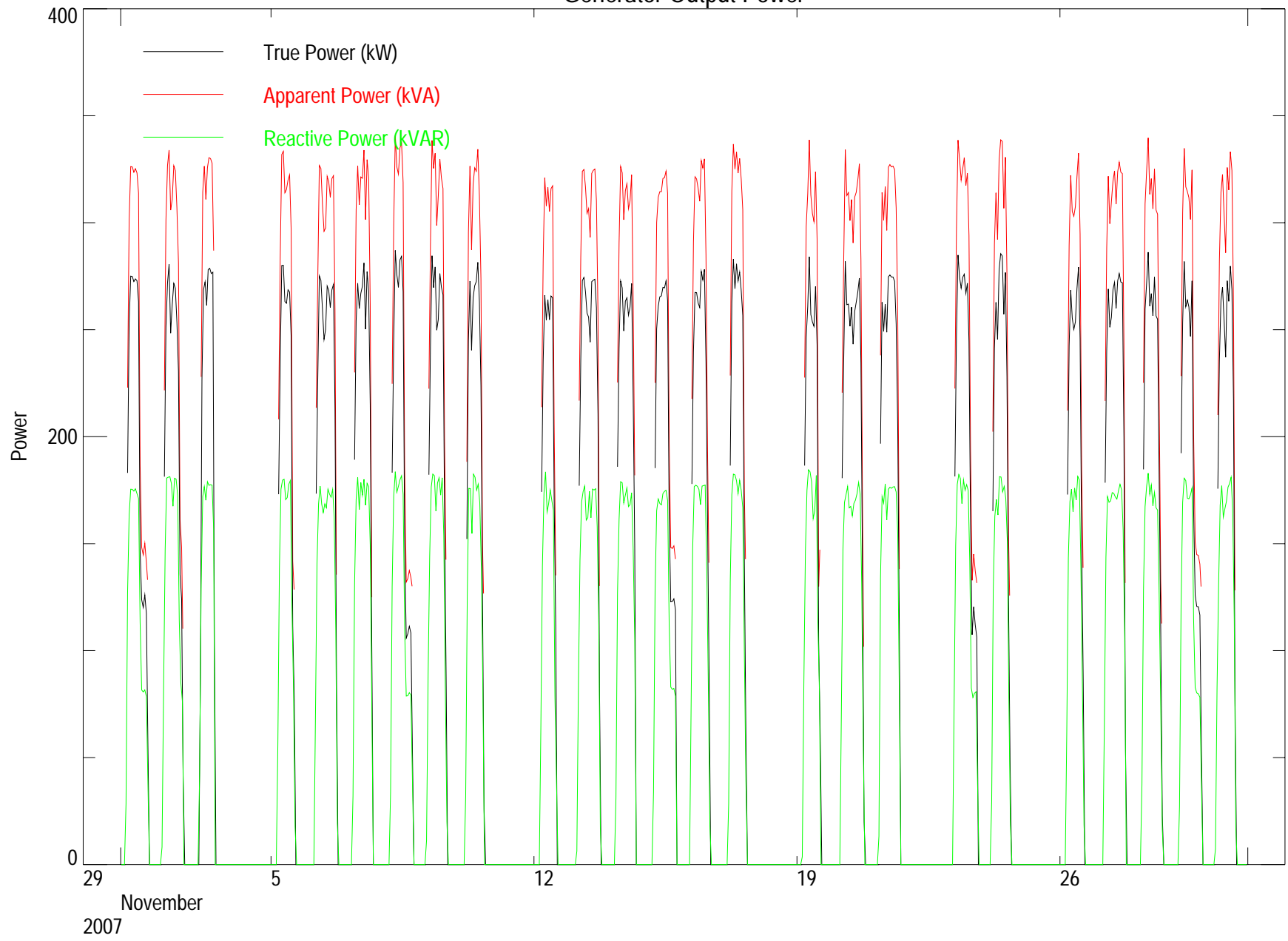
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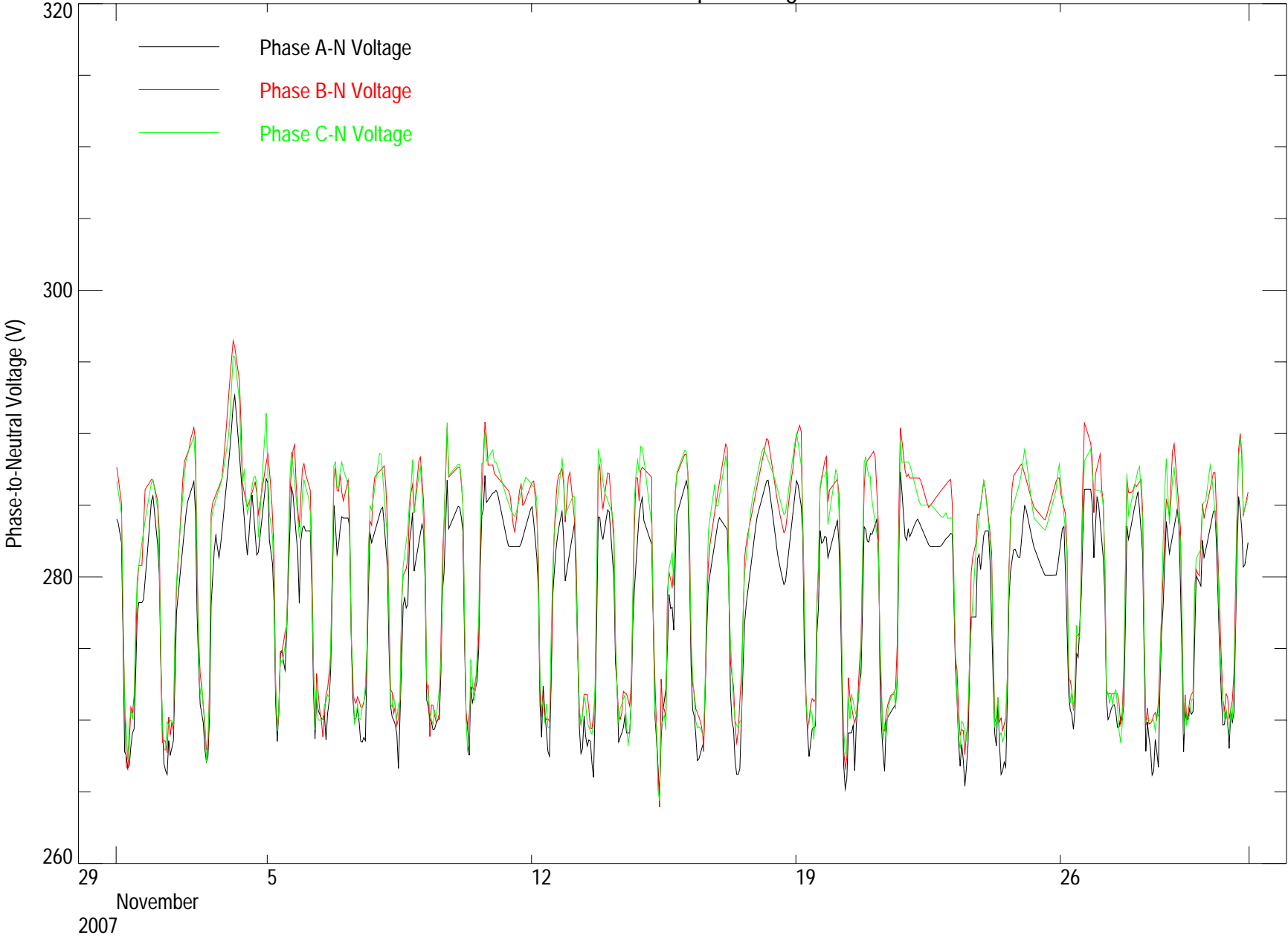
11/01/07 to 11/30/07

Date	Good Data (%)	Generator Apparent Power (kVAh)	Generator Reactive Power (kVARh)	Generator True Power (kWh)	Power Factor (-)
11/01/07	100.00	3300.77	1838.06	2767.20	0.84
11/02/07	100.00	3404.38	1934.99	2916.30	0.86
11/03/07	100.00	2780.61	1559.76	2341.20	0.84
11/04/07	100.00	-	-	0.00	-
11/05/07	100.00	2963.48	1649.18	2446.40	0.83
11/06/07	100.00	3997.48	2209.04	3360.50	0.84
11/07/07	100.00	3485.94	1957.14	2957.70	0.85
11/08/07	100.00	3292.42	1871.53	2740.90	0.83
11/09/07	100.00	3392.56	1917.47	2880.70	0.85
11/10/07	100.00	3167.22	1767.97	2679.50	0.85
11/11/07	100.00	-	-	0.00	-
11/12/07	100.00	2721.38	1520.97	2322.00	0.85
11/13/07	100.00	4008.65	2225.81	3368.80	0.84
11/14/07	100.00	3484.63	1956.48	2995.10	0.86
11/15/07	100.00	3530.39	1965.92	2946.20	0.83
11/16/07	100.00	3345.55	1867.78	2829.50	0.85
11/17/07	100.00	3064.12	1710.52	2561.70	0.84
11/18/07	100.00	-	-	0.00	-
11/19/07	100.00	2915.97	1658.54	2496.30	0.86
11/20/07	100.00	4116.04	2284.53	3500.60	0.85
11/21/07	100.00	3798.84	2117.68	3252.90	0.86
11/22/07	100.00	-	-	0.00	-
11/23/07	100.00	3838.55	2139.47	3212.20	0.84
11/24/07	100.00	3235.52	1786.60	2731.70	0.84
11/25/07	100.00	-	-	0.00	-
11/26/07	100.00	2977.12	1663.16	2493.30	0.84
11/27/07	100.00	3996.37	2201.03	3337.40	0.84
11/28/07	100.00	3454.43	1933.92	2941.30	0.85
11/29/07	100.00	3283.99	1841.34	2772.40	0.84
11/30/07	100.00	3375.83	1894.71	2852.70	0.85
Total	100.00	84932.23	47473.61	71704.50	0.84

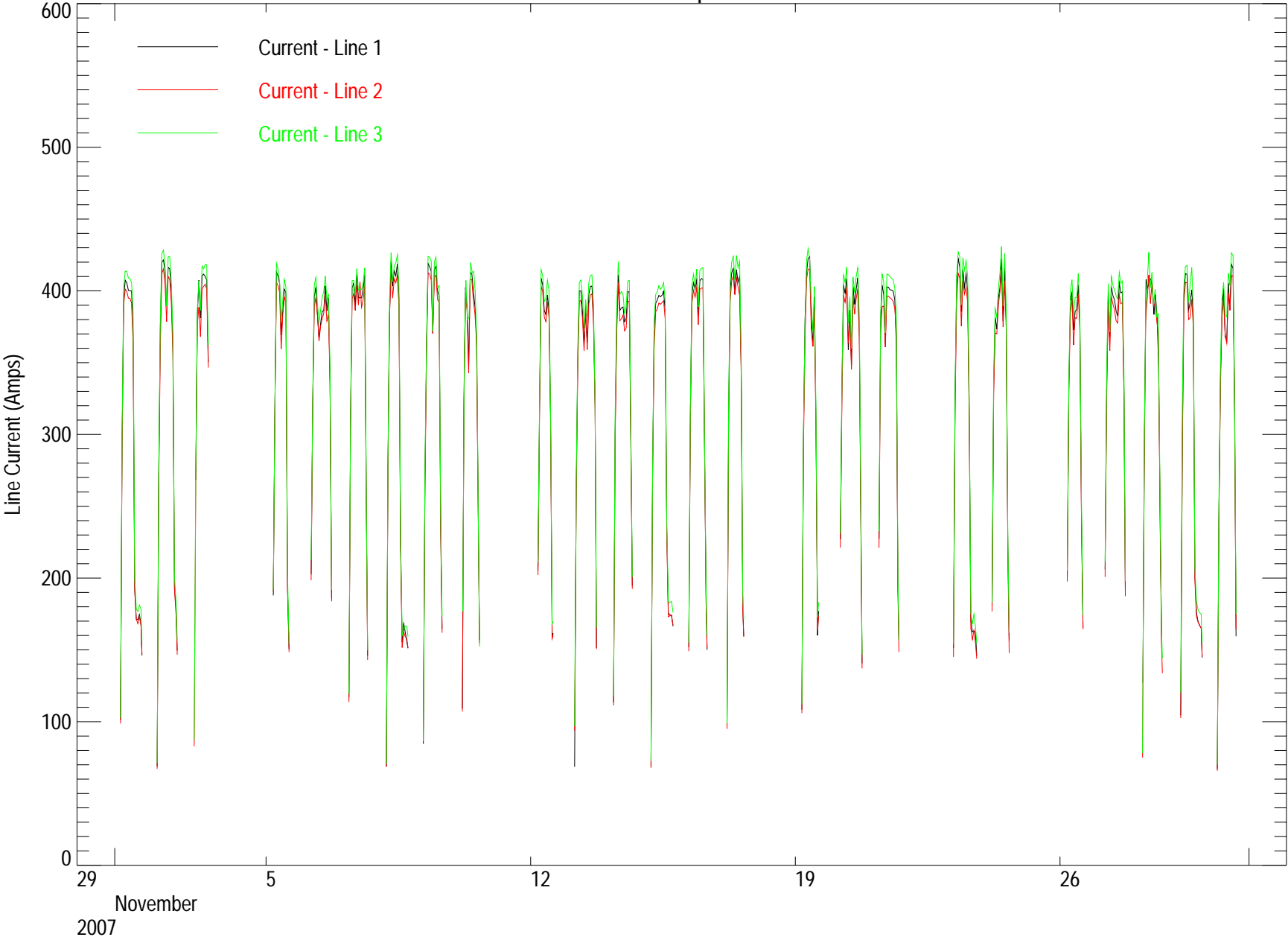
Generator Output Power



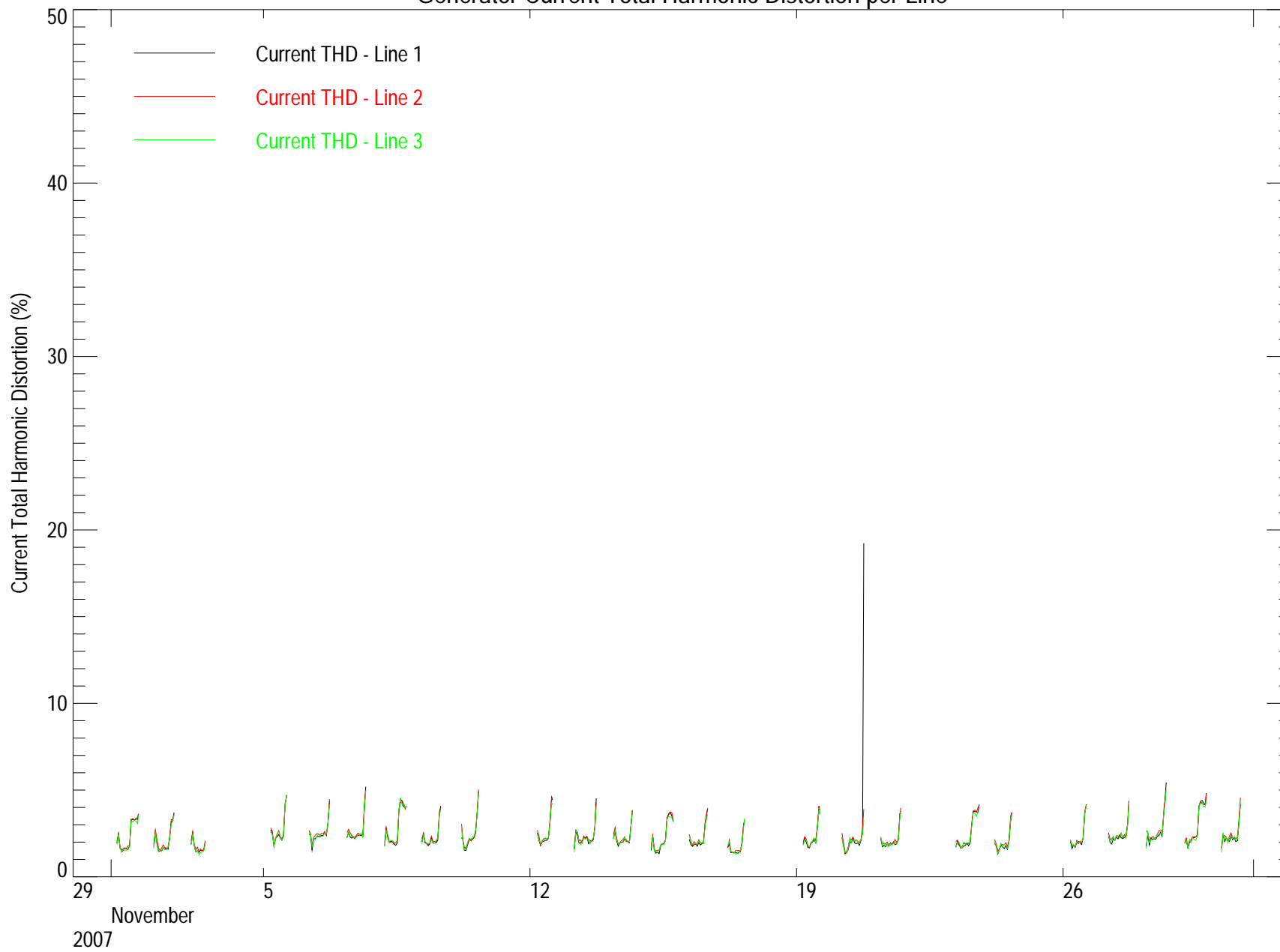
Generator Output Voltage



Generator Output Current



Generator Current Total Harmonic Distortion per Line



Generator Voltage Total Harmonic Distortion per Line

