

## Power Report

### Test

Test began at 08/29/11 10:11:00

Test ended at 08/31/11 09:41:00

<u>Measurement</u>	<u>Value</u>	<u>Units</u>
Voltage, Phase 1, Ave:	123.5	volts
Voltage, Phase 1, Max:	126.1	volts
Voltage, Phase 1, Min:	103.4	volts
Voltage, Phase 2, Ave:	123.6	volts
Voltage, Phase 2, Max:	125.7	volts
Voltage, Phase 2, Min:	80.1	volts
Voltage, Phase 3, Ave:	122.6	volts
Voltage, Phase 3, Max:	124.9	volts
Voltage, Phase 3, Min:	92.7	volts
Current, Phase 1, Ave:	112.5	amps
Current, Phase 1, Max:	307.3	amps
Current, Phase 1, Min:	63.2	amps
Current, Phase 2, Ave:	112.7	amps
Current, Phase 2, Max:	304.6	amps
Current, Phase 2, Min:	61.6	amps
Current, Phase 3, Ave:	104.8	amps
Current, Phase 3, Max:	308.2	amps
Current, Phase 3, Min:	37.6	amps
Current, Neutral, Ave:	15.3	amps
Current, Neutral, Max:	70.5	amps
Current, Neutral, Min:	5.5	amps
True Power, Phase 1, Ave:	13185.7	Watts
True Power, Phase 1, Max:	31385.6	Watts
True Power, Phase 1, Min:	7347.2	Watts
True Power, Phase 2, Ave:	13570.6	Watts
True Power, Phase 2, Max:	34336.0	Watts
True Power, Phase 2, Min:	7360.0	Watts
True Power, Phase 3, Ave:	12549.6	Watts
True Power, Phase 3, Max:	33286.4	Watts
True Power, Phase 3, Min:	5089.6	Watts
Total True Power Ave:	39308.4	Watts

Total True Power Max:	98099.2	Watts
Total True Power Min:	21280.0	Watts
VA Power, Phase 1, Ave:	13880.4	VA
VA Power, Phase 1, Max:	35724.8	VA
VA Power, Phase 1, Min:	7776.0	VA
VA Power, Phase 2, Ave:	13912.0	VA
VA Power, Phase 2, Max:	36236.8	VA
VA Power, Phase 2, Min:	7609.6	VA
VA Power, Phase 3, Ave:	12819.3	VA
VA Power, Phase 3, Max:	37011.2	VA
VA Power, Phase 3, Min:	5232.0	VA
Total VA Power Ave:	40613.7	VA
Total VA Power Max:	107622.4	VA
Total VA Power Min:	22304.0	VA
Power Factor, Phase 1, Ave:	0.95	
Power Factor, Phase 1, Max:	1.00	
Power Factor, Phase 1, Min:	0.52	
Power Factor, Phase 2, Ave:	0.97	
Power Factor, Phase 2, Max:	1.00	
Power Factor, Phase 2, Min:	0.59	
Power Factor, Phase 3, Ave:	0.98	
Power Factor, Phase 3, Max:	1.00	
Power Factor, Phase 3, Min:	0.52	
Total Power Factor:	0.97	
Frequency, Ave:	60.0	Hz
Frequency, Max:	60.1	Hz
Frequency, Min:	60.0	Hz
THD, Voltage, Phase 1:	2.5	%
THD, Voltage, Phase 2:	2.2	%
THD, Voltage, Phase 3:	3.1	%
THD, Current, Phase 1:	4.9	%
THD, Current, Phase 2:	5.3	%
THD, Current, Phase 3:	1.9	%
THD, Current, Neutral:	75.8	%
Energy, Phase 1:	626.32128	KWH
Energy, Phase 2:	644.60384	KWH
Energy, Phase 3:	596.10768	KWH
Energy, Total Elapsed:	1867.03280	KWH
Energy, estimated per month:	28713.0	KWH
Cost, Total Elapsed:	\$59.18	\$
Cost, estimated per month:	\$910.20	\$
(at \$0.03170/KWH)		
Peak Demand:	73676.8	Watts @ 08/29/11 11:32:00

Peak Ave VA:

74444.8

VA @ 08/29/11 11:32:00

Report Prepared by:

Paul Foley

Paul Foley Electric

PO Box 783

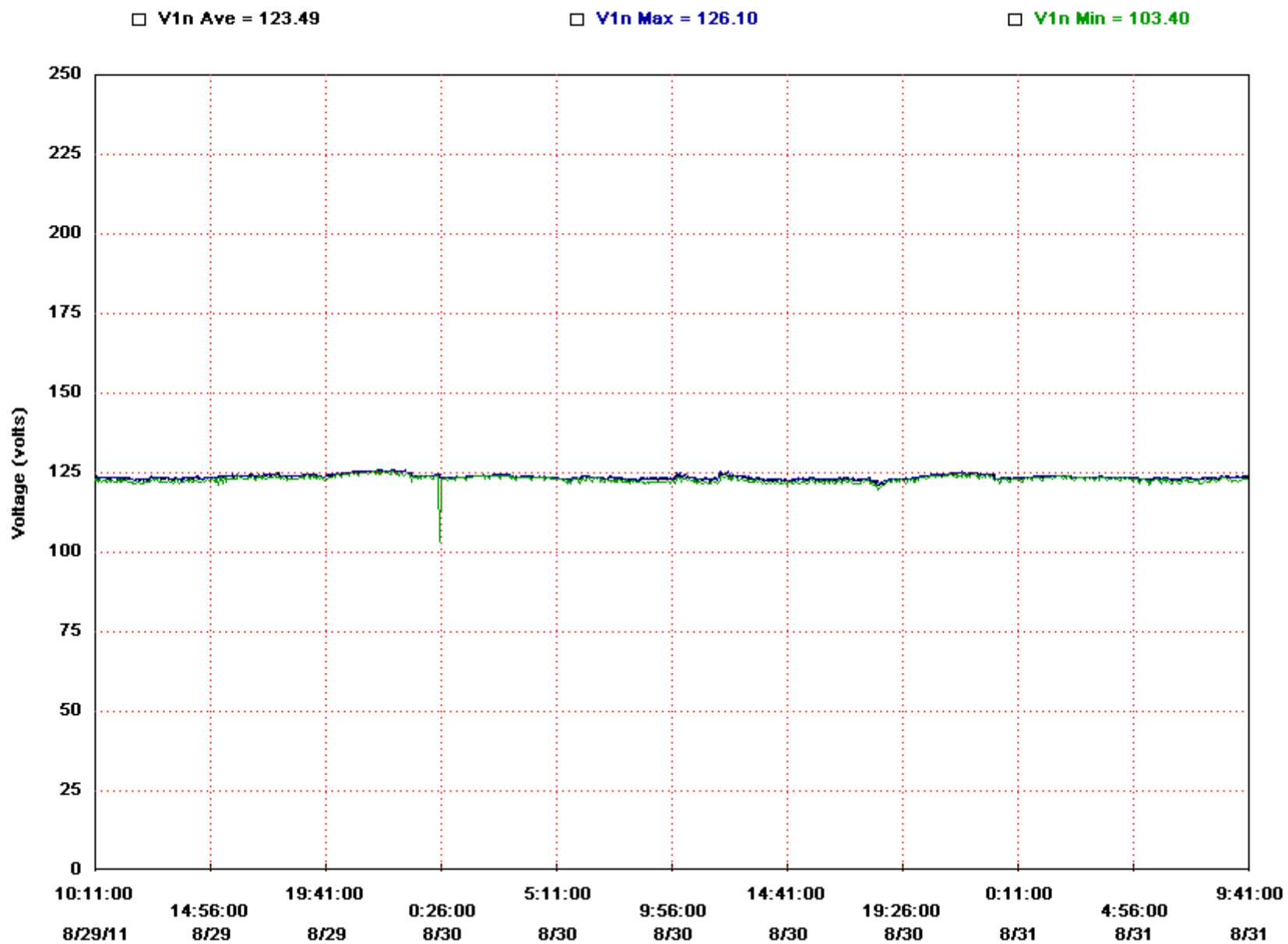
Middleboro, MA 02346

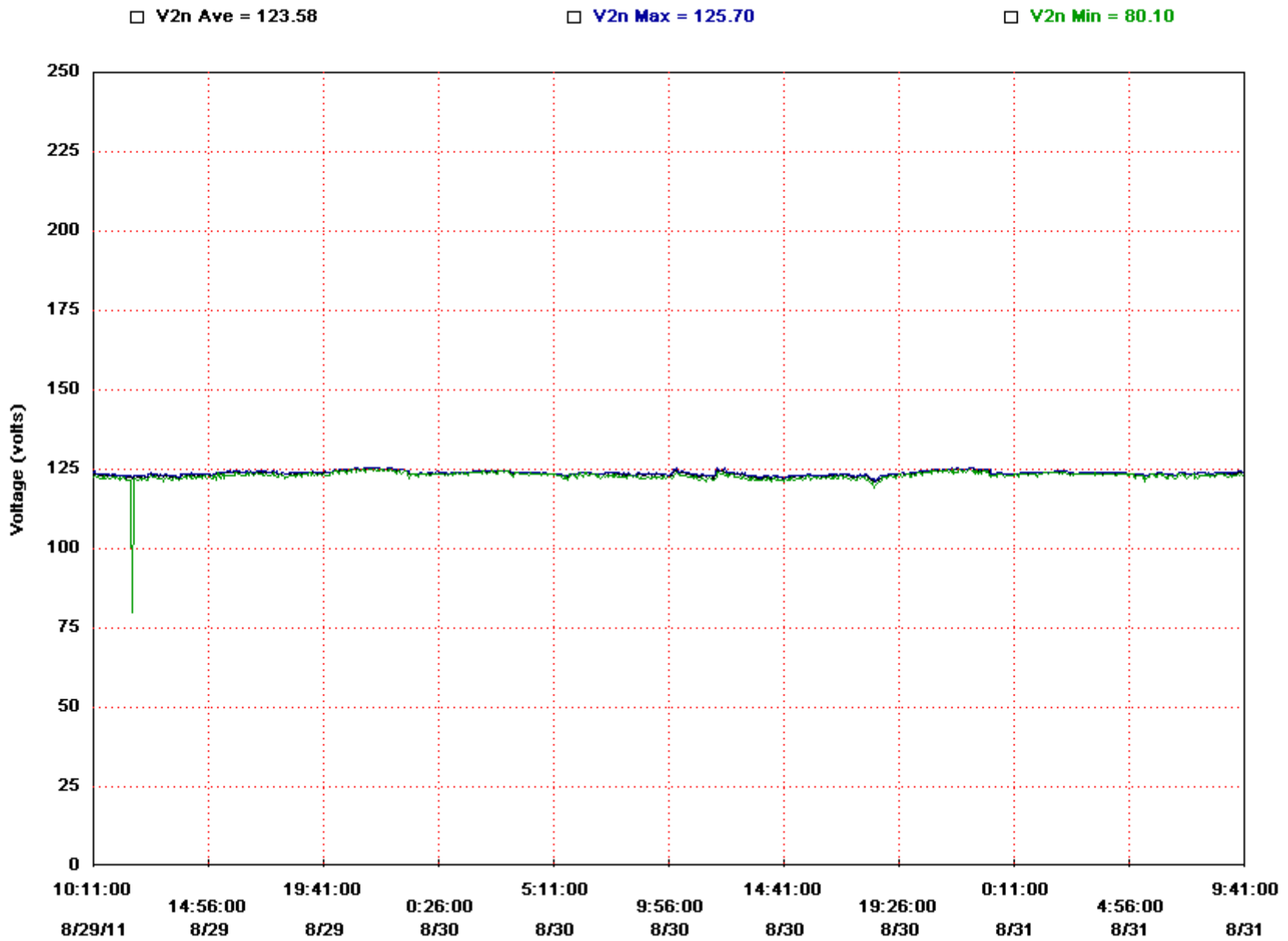
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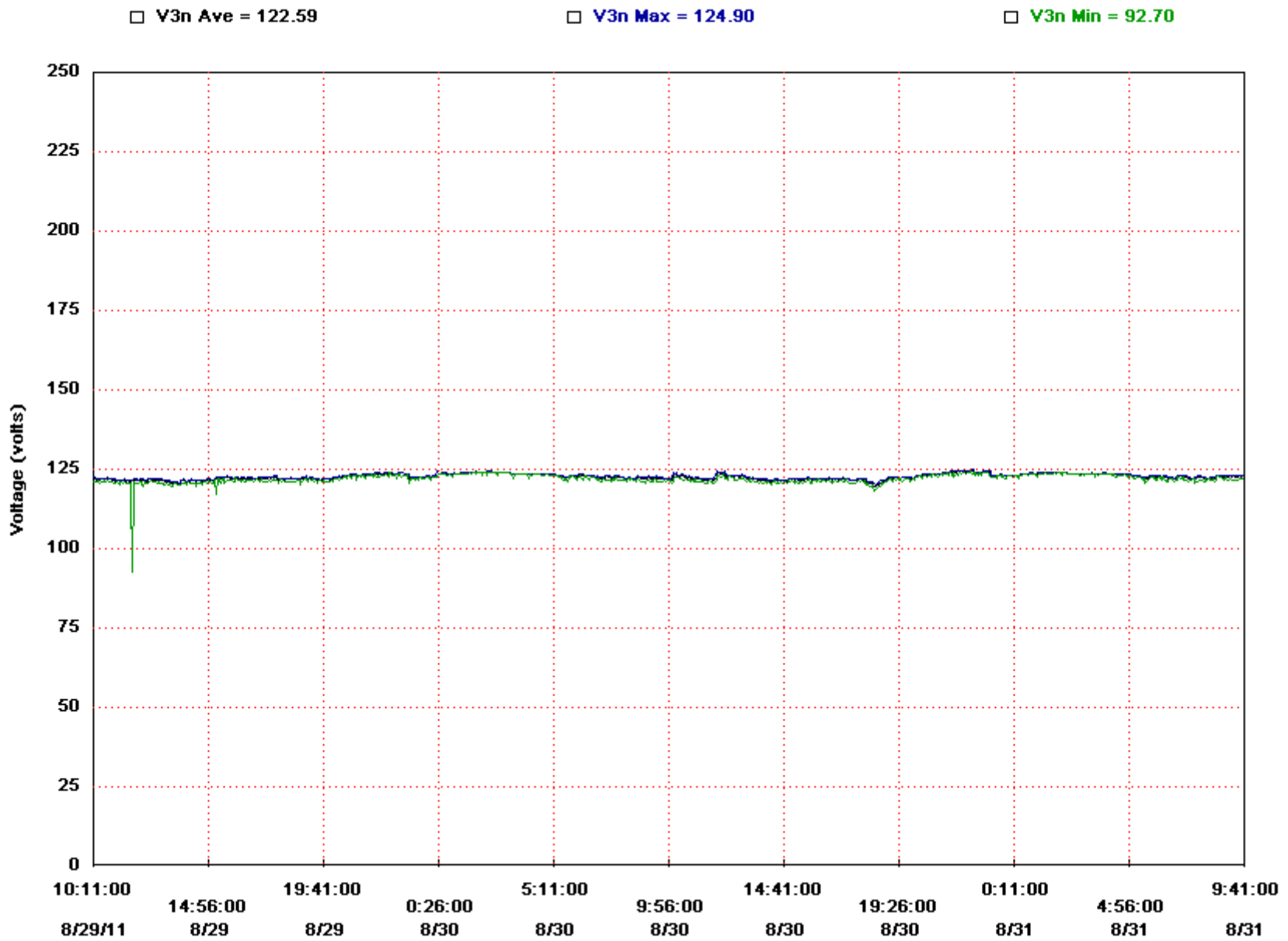
508-946-5613

Email:

paulfoleyelectric@comcast.net



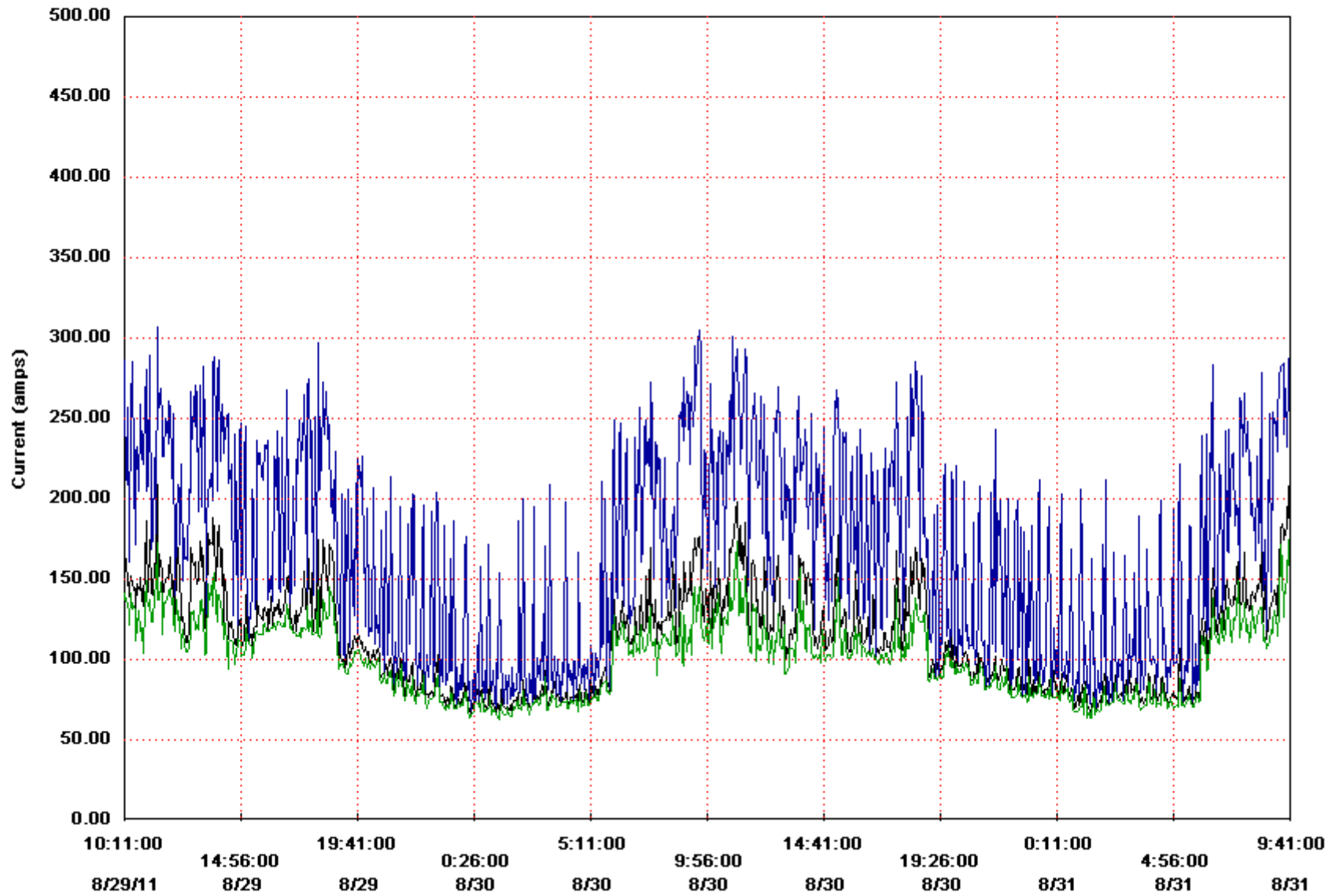




□ I1 Ave = 112.54

□ I1 Max = 307.26

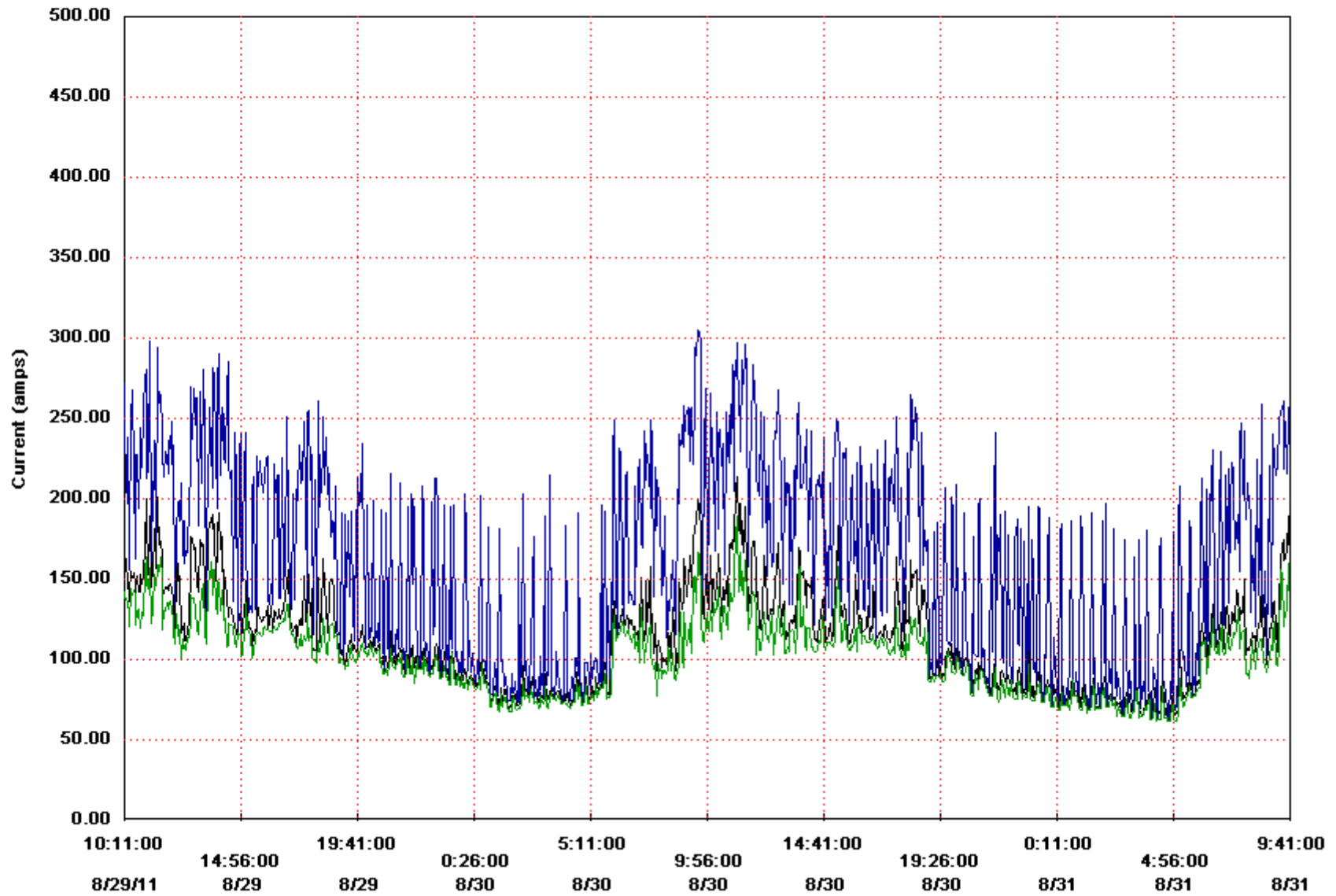
□ I1 Min = 63.20



□ I2 Ave = 112.70

□ I2 Max = 304.58

□ I2 Min = 61.60

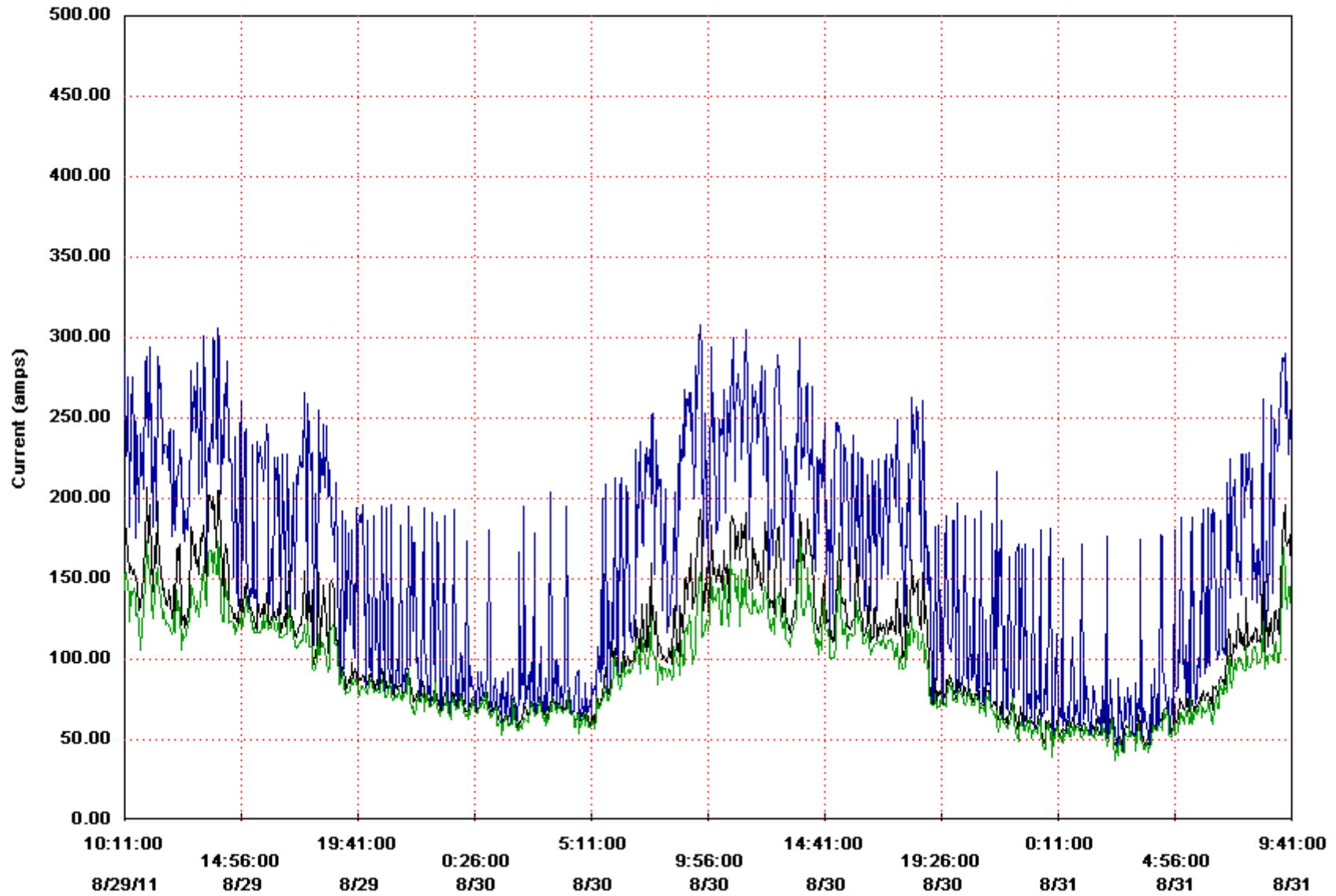




□ I3 Ave = 104.83

□ I3 Max = 308.16

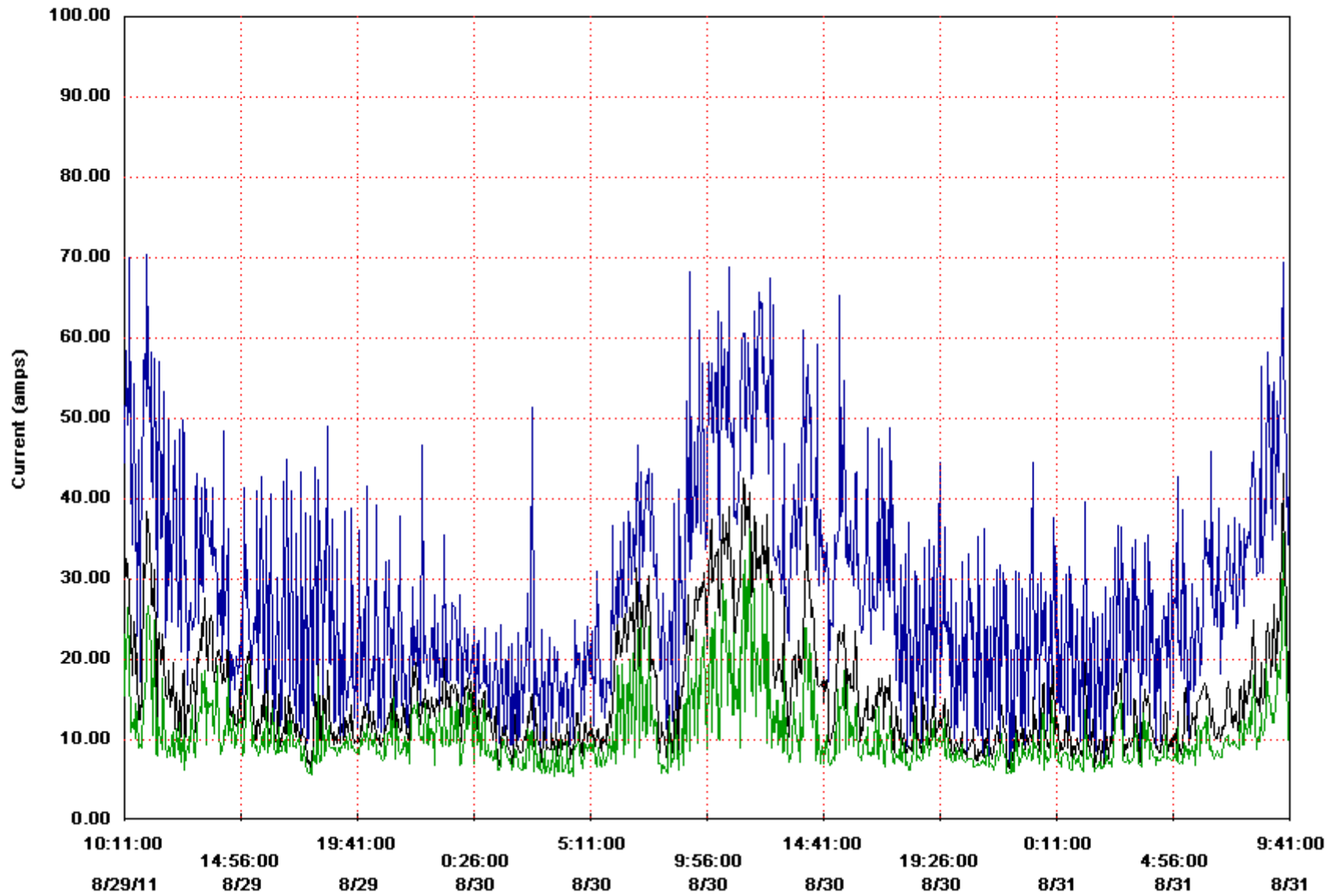
□ I3 Min = 37.60



□ In Ave = 15.34

□ In Max = 70.46

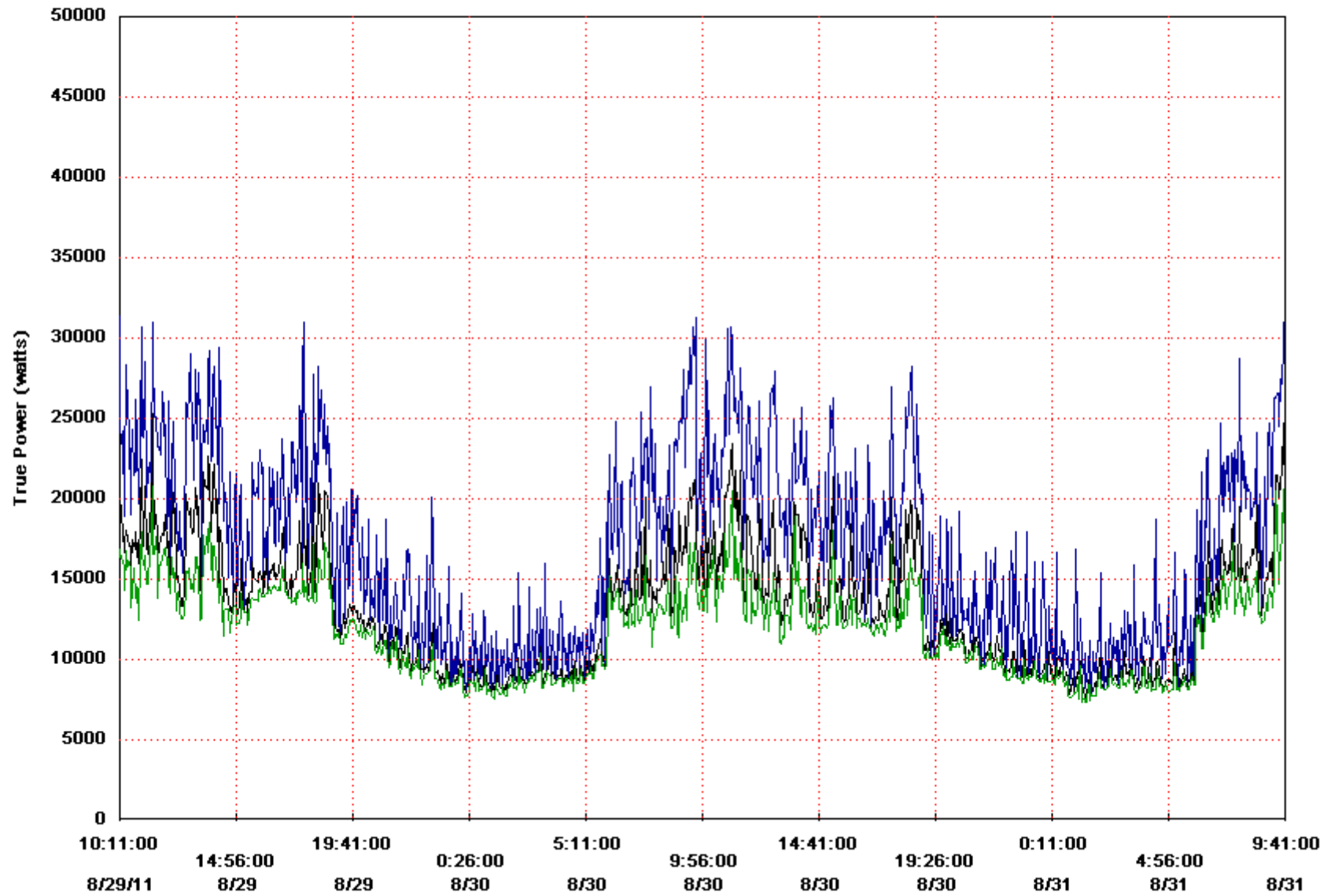
□ In Min = 5.50



Phase 1 Ave = 13192.5

Phase 1 Max = 32320.0

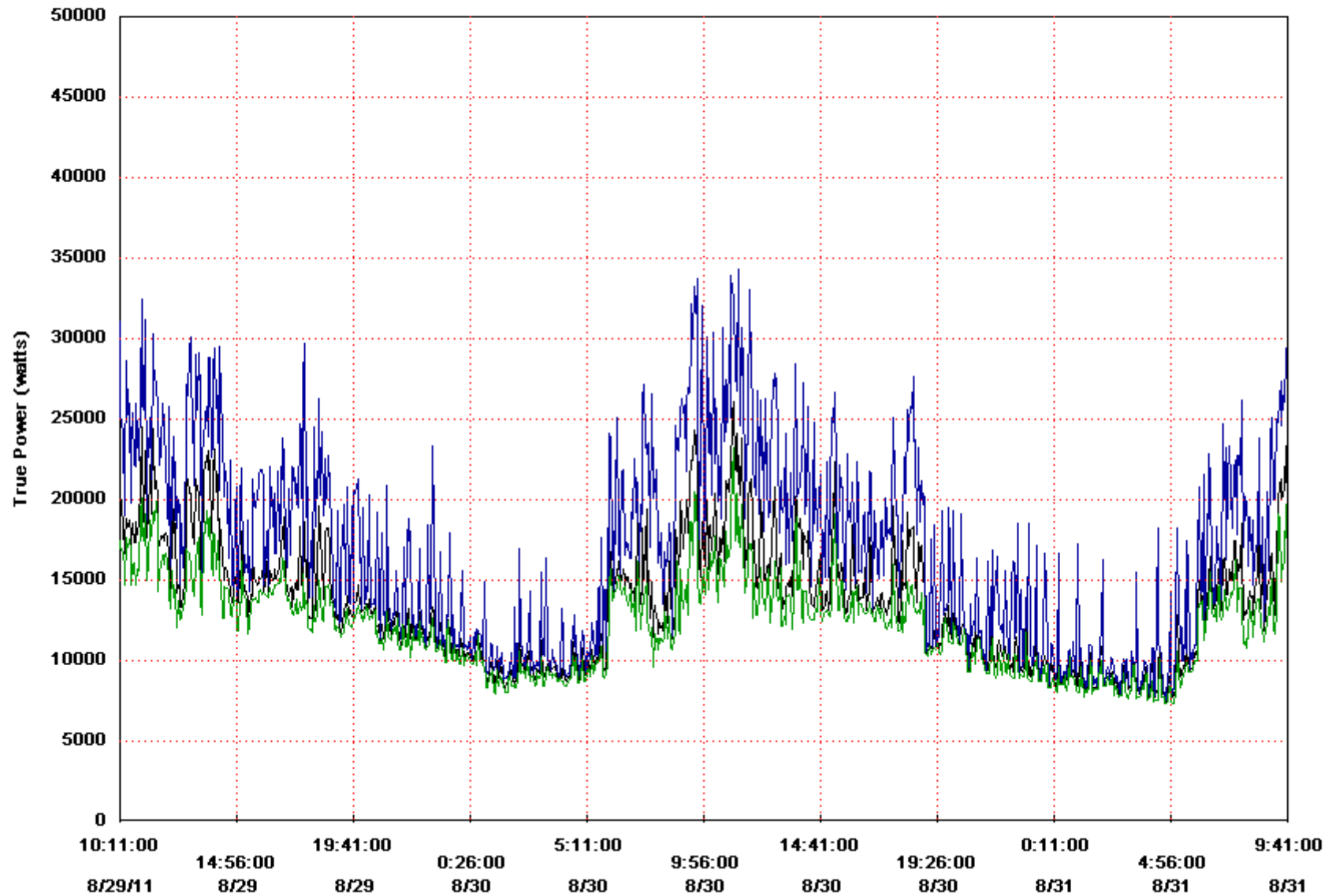
Phase 1 Min = 7347.2



Phase 2 Ave = 13576.1

Phase 2 Max = 34336.0

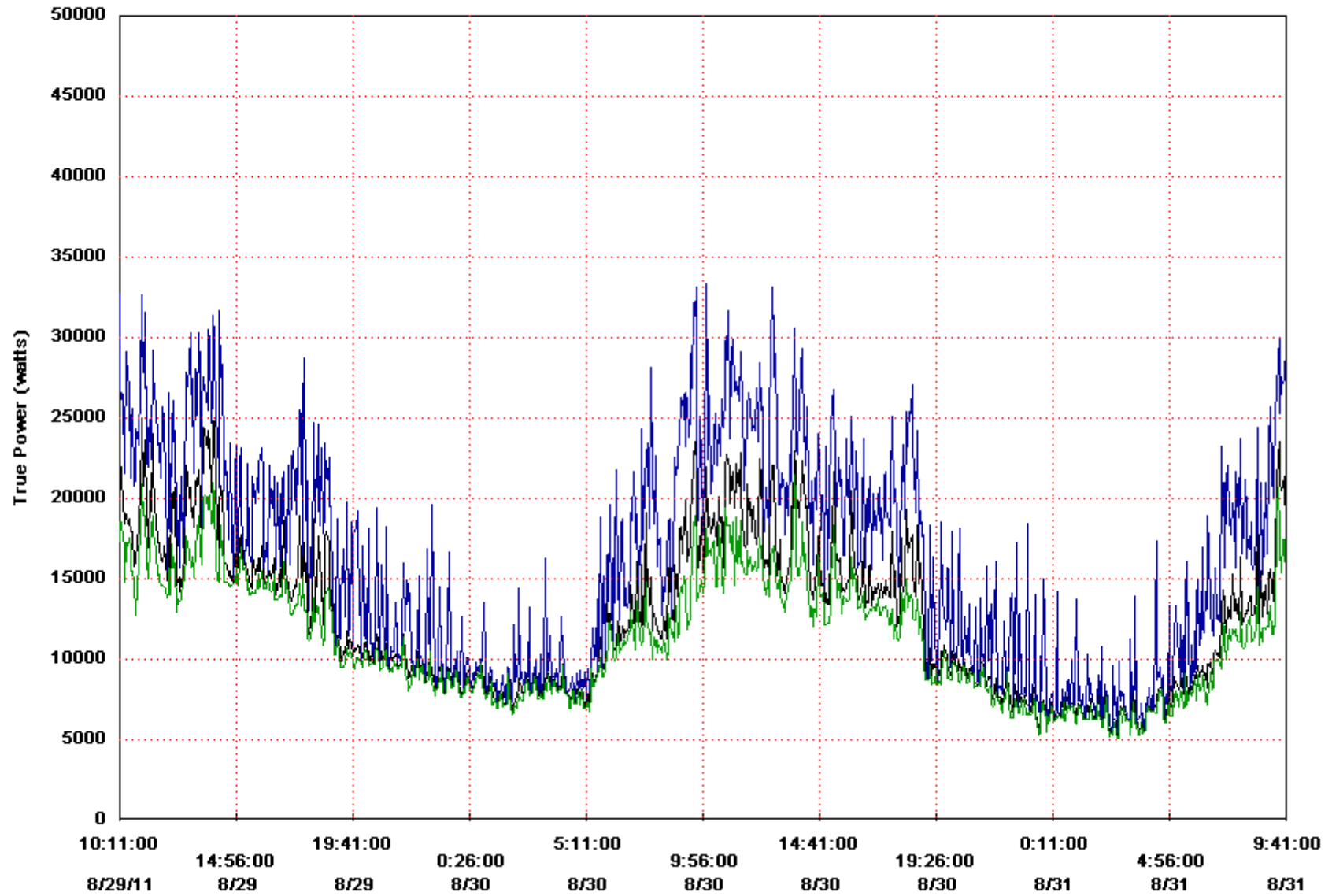
Phase 2 Min = 7360.0



□ Phase 3 Ave = 12555.2

□ Phase 3 Max = 33286.4

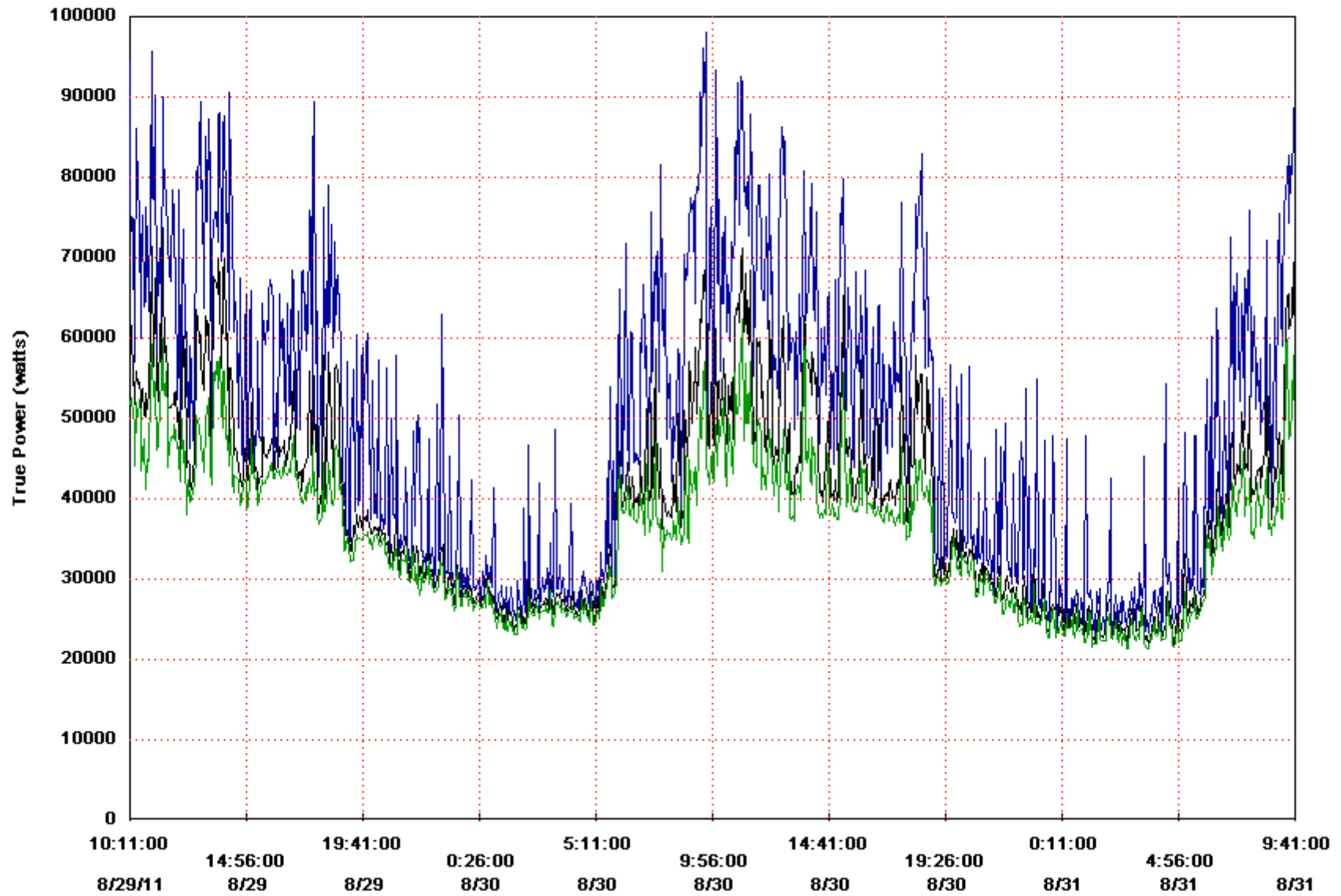
□ Phase 3 Min = 5089.6



□ Total Ave = 39326.2

□ Total Max = 98099.2

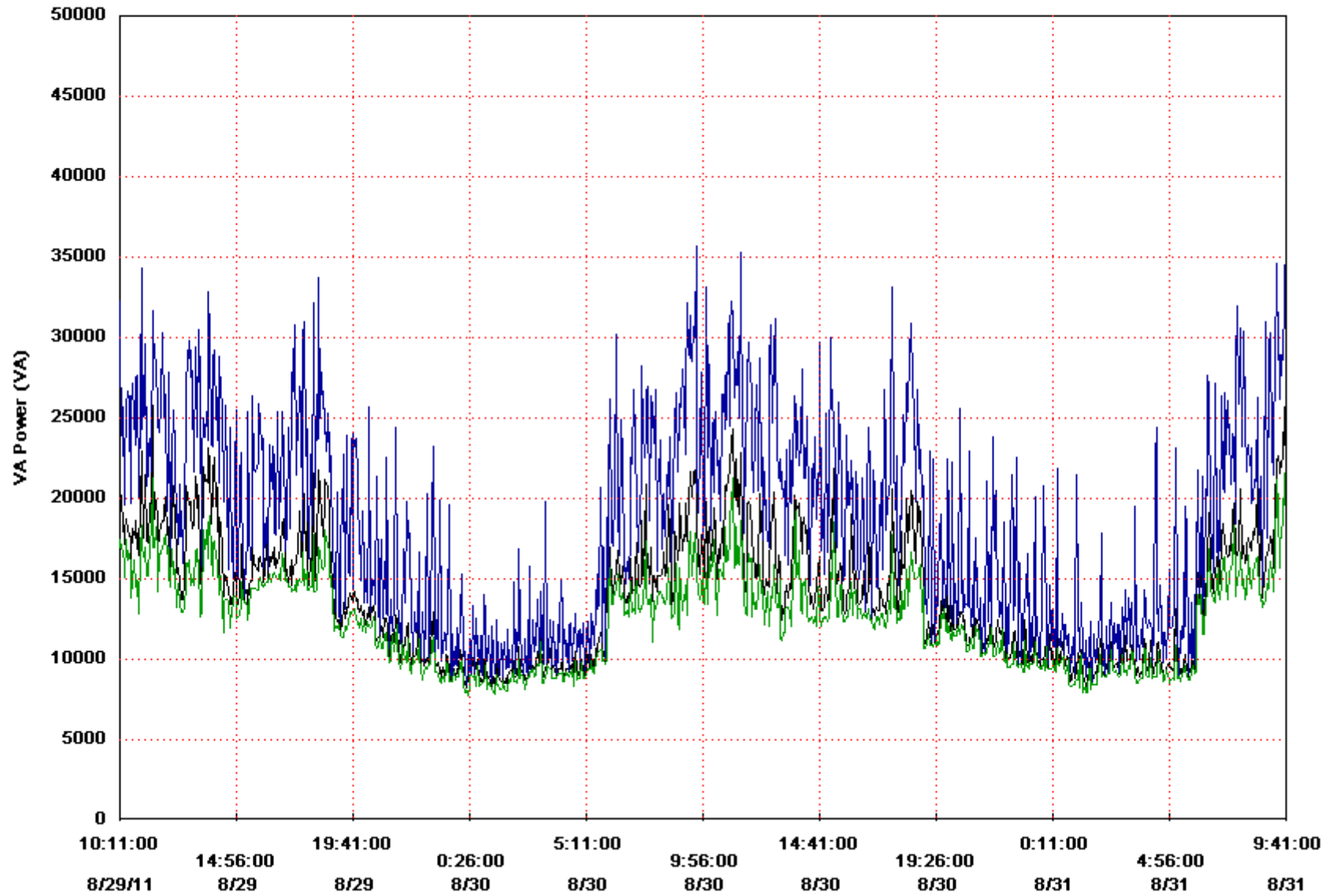
□ Total Min = 21280.0



Phase 1 Ave = 13887.7

Phase 1 Max = 36697.6

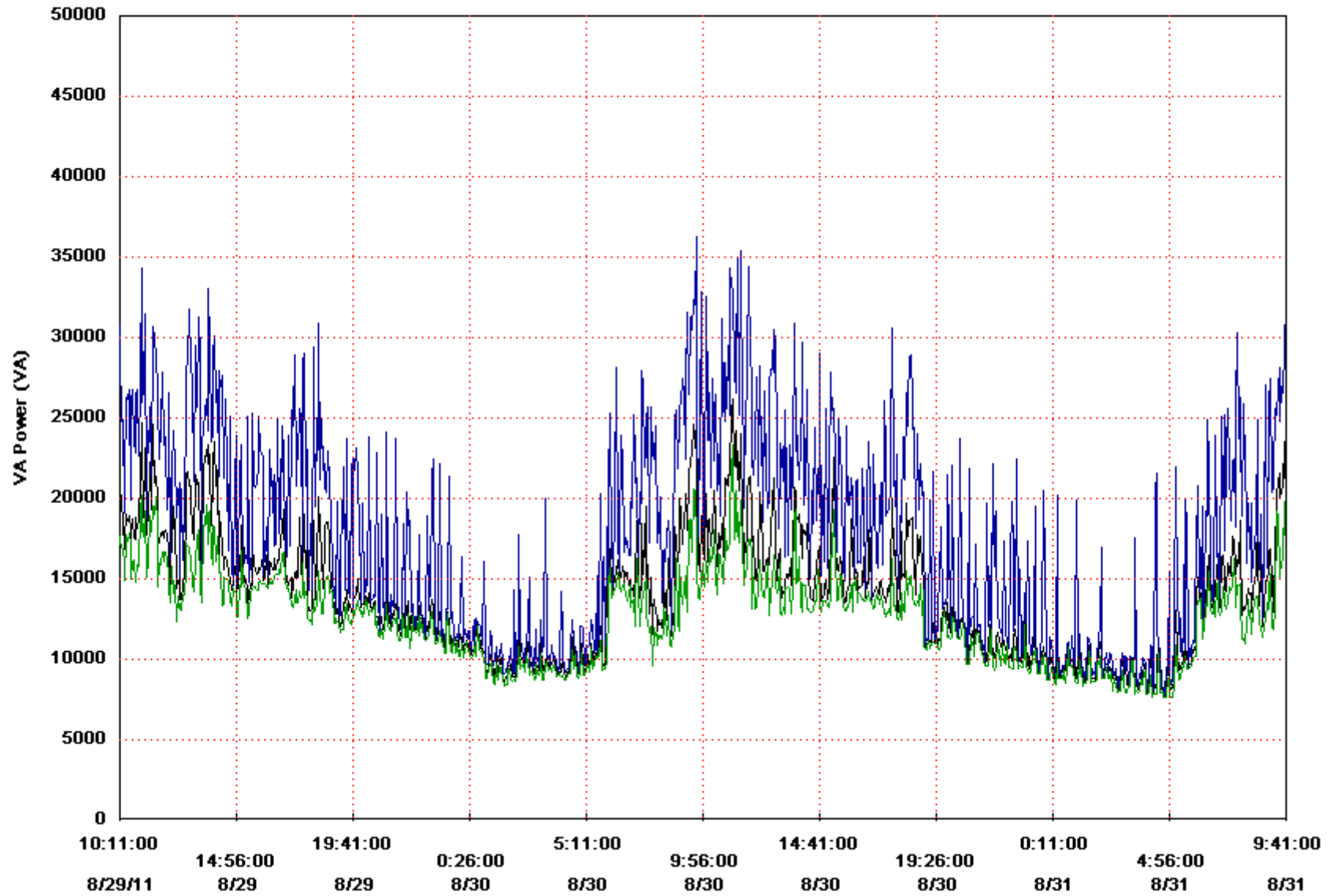
Phase 1 Min = 7776.0



Phase 2 Ave = 13917.3

Phase 2 Max = 36236.8

Phase 2 Min = 7609.6

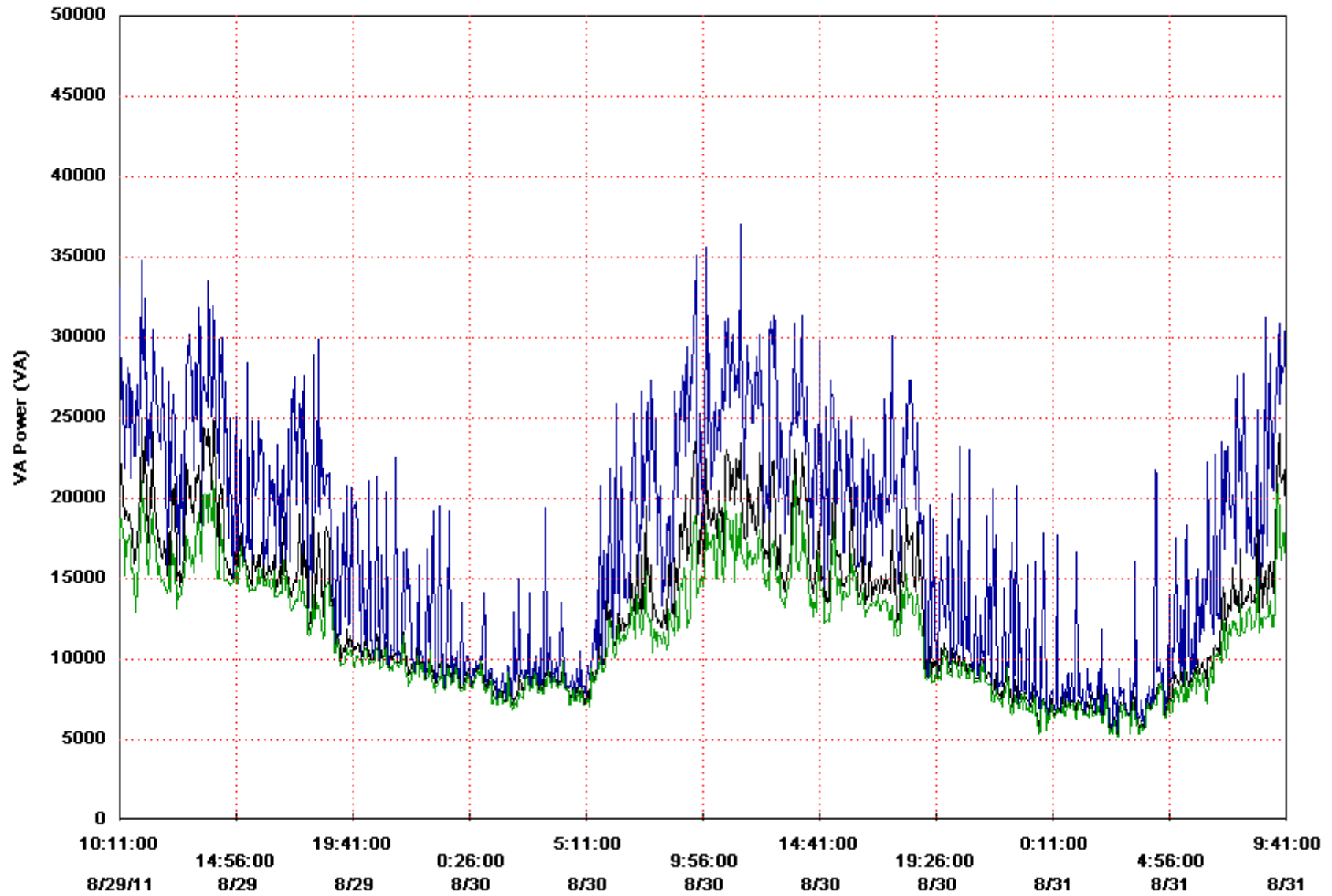




Phase 3 Ave = 12825.4

Phase 3 Max = 37011.2

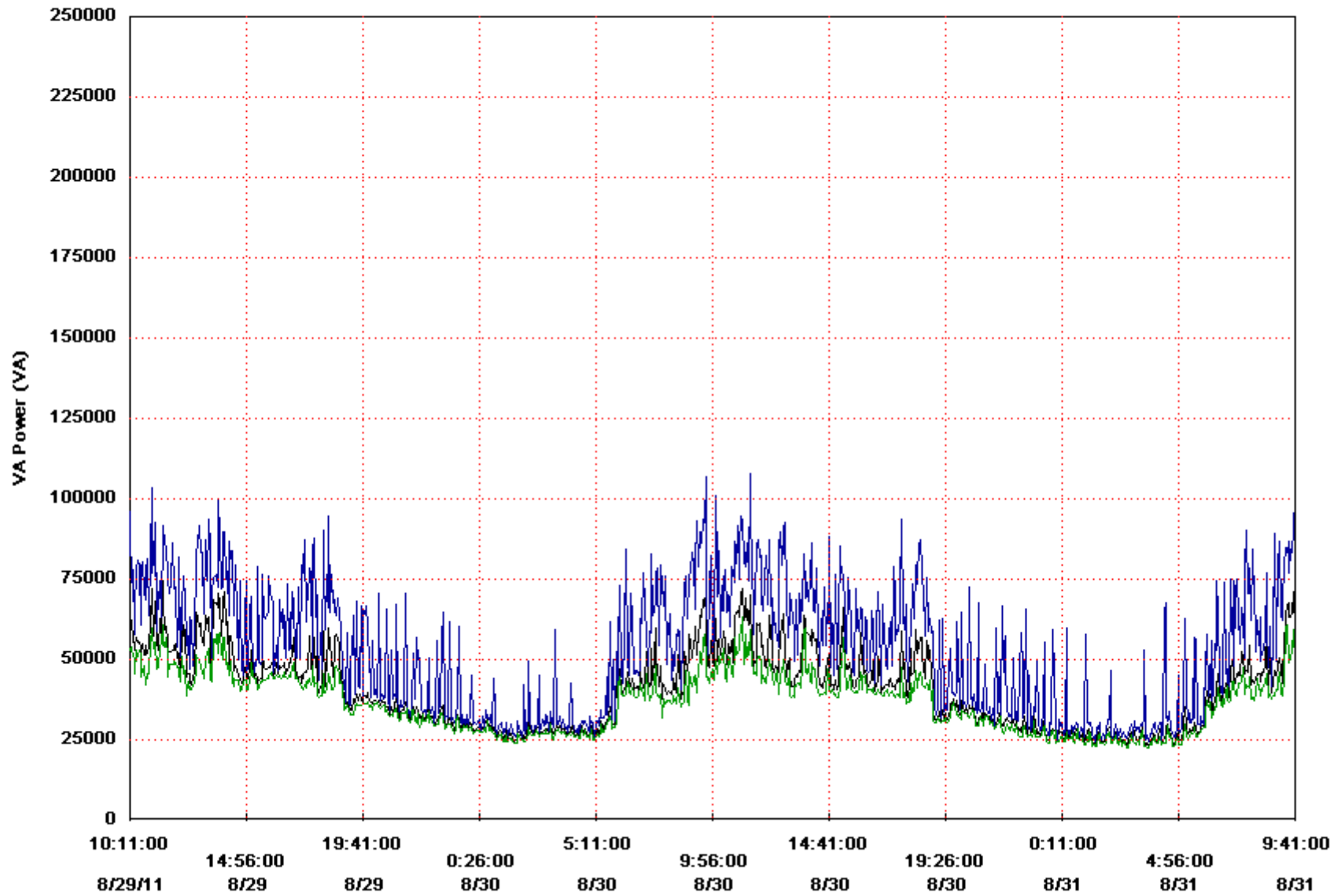
Phase 3 Min = 5232.0

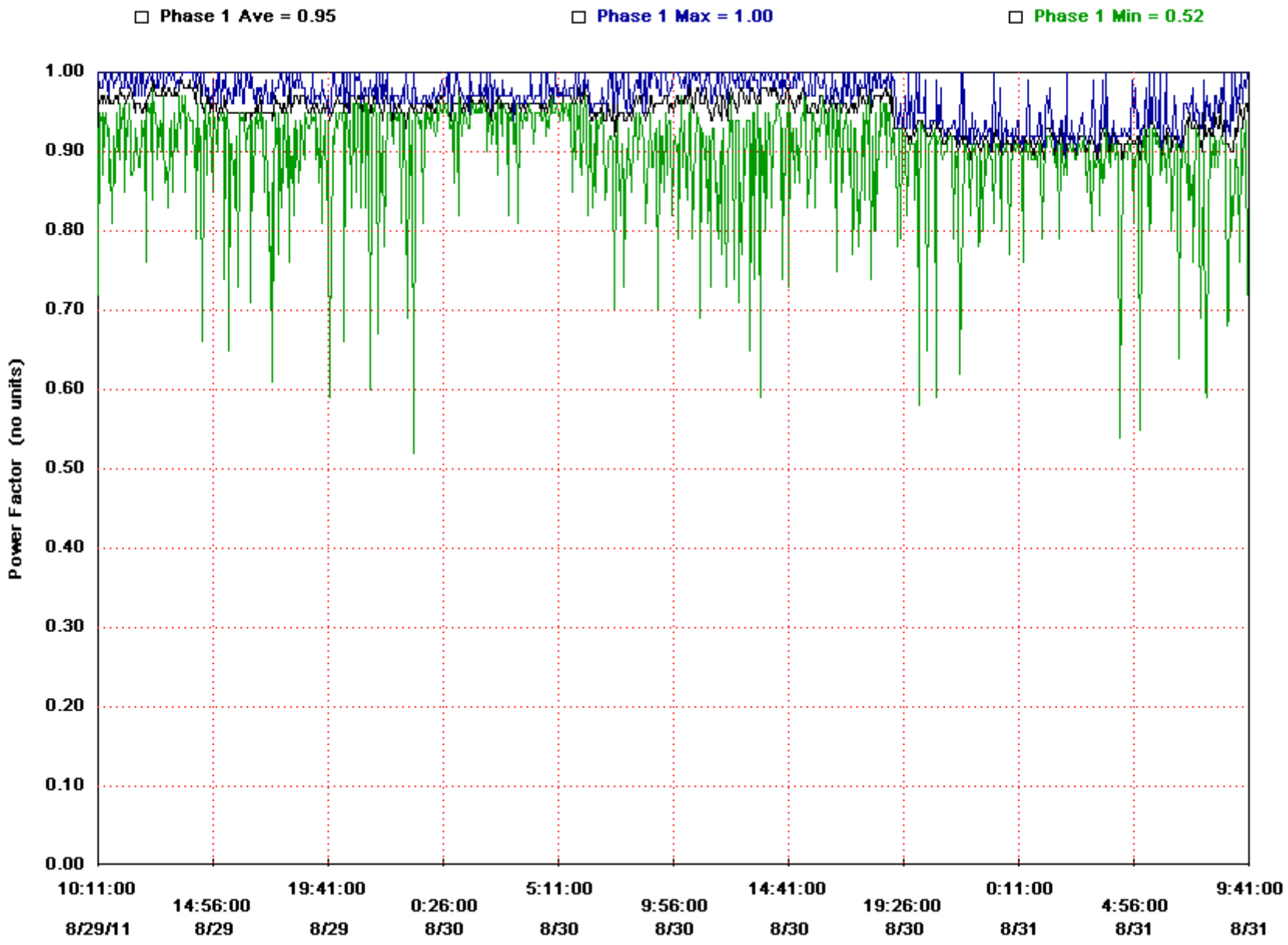


□ Total Ave = 40632.4

□ Total Max = 107622.4

□ Total Min = 22304.0

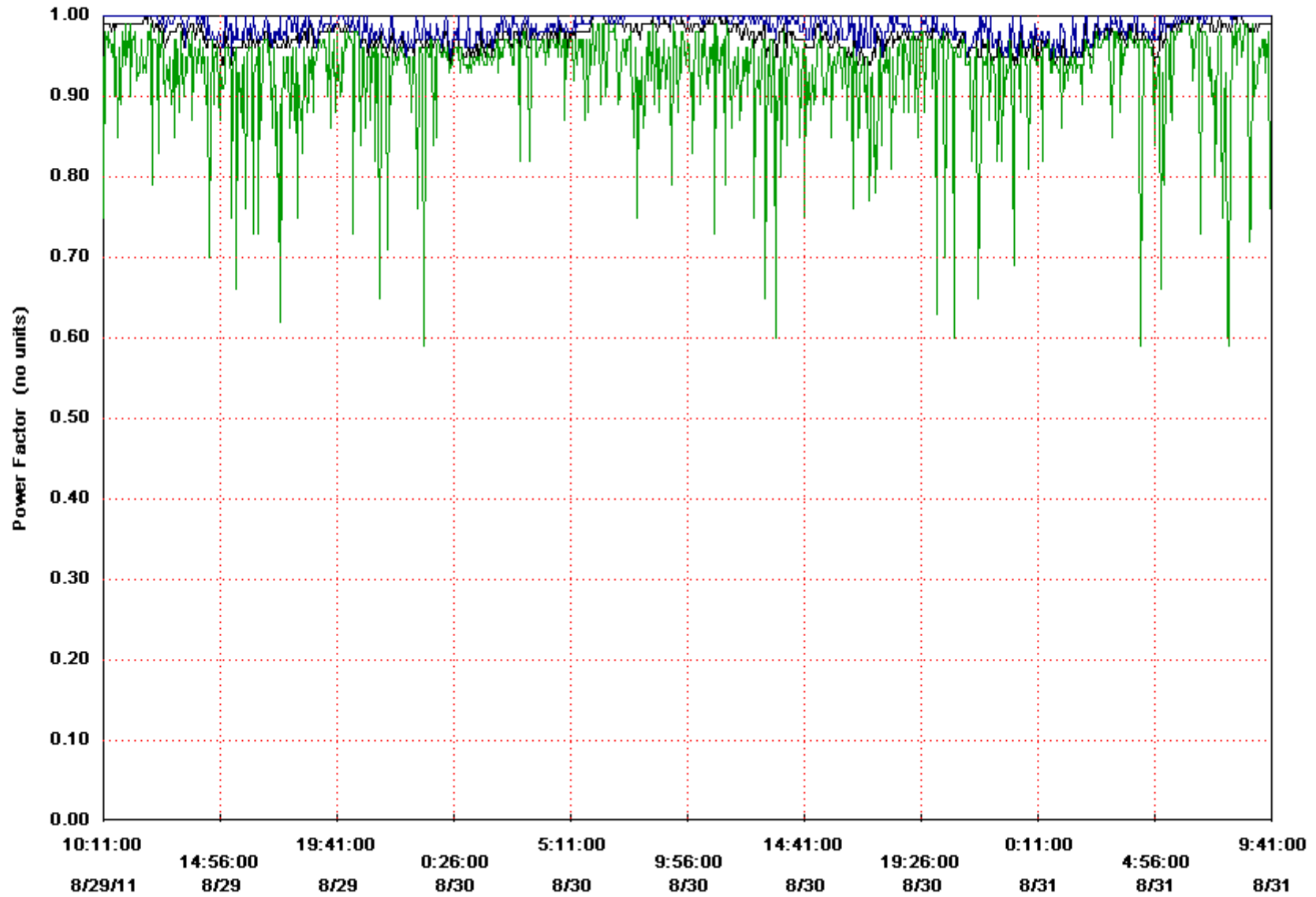




Phase 2 Ave = 0.97

Phase 2 Max = 1.00

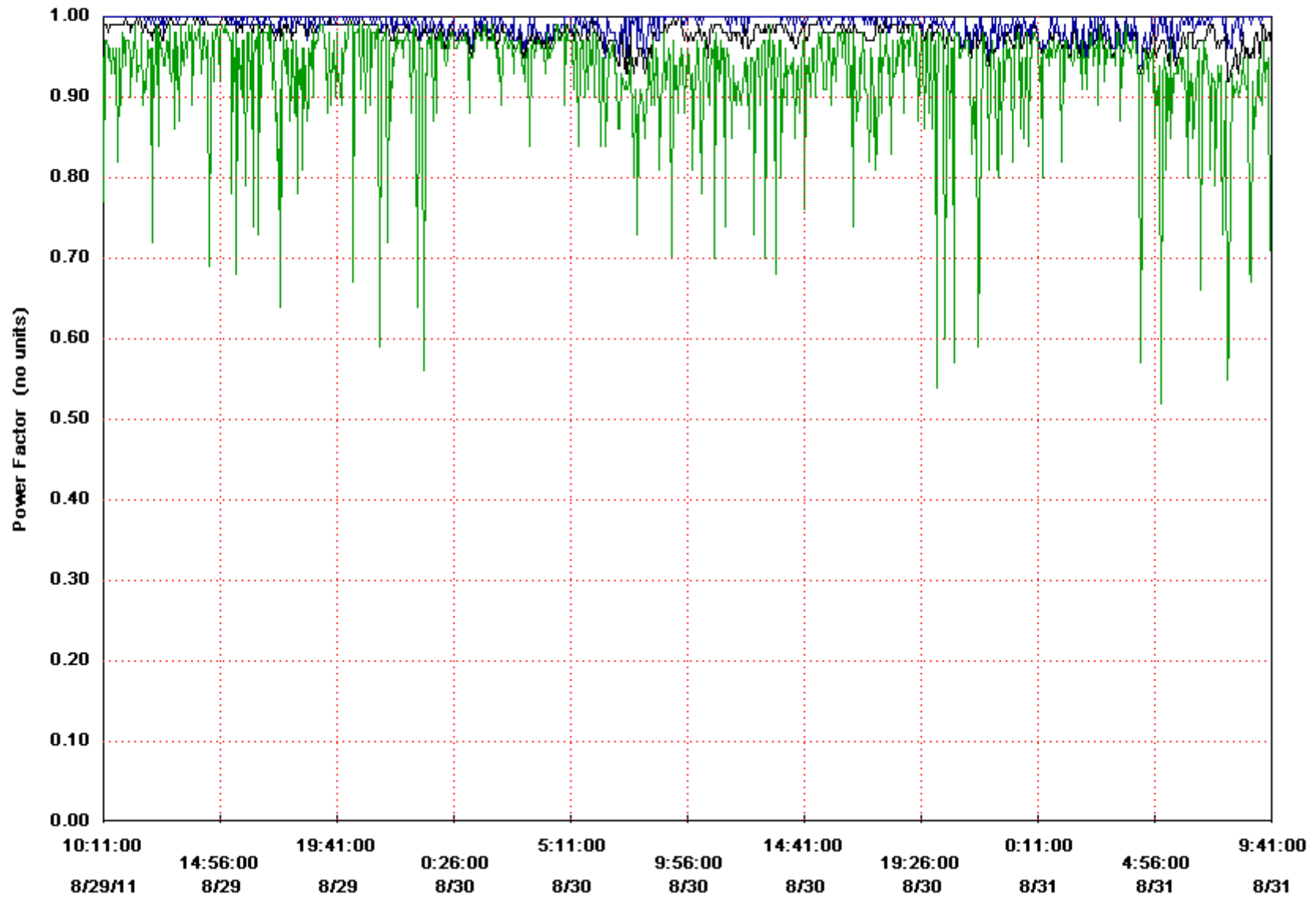
Phase 2 Min = 0.59



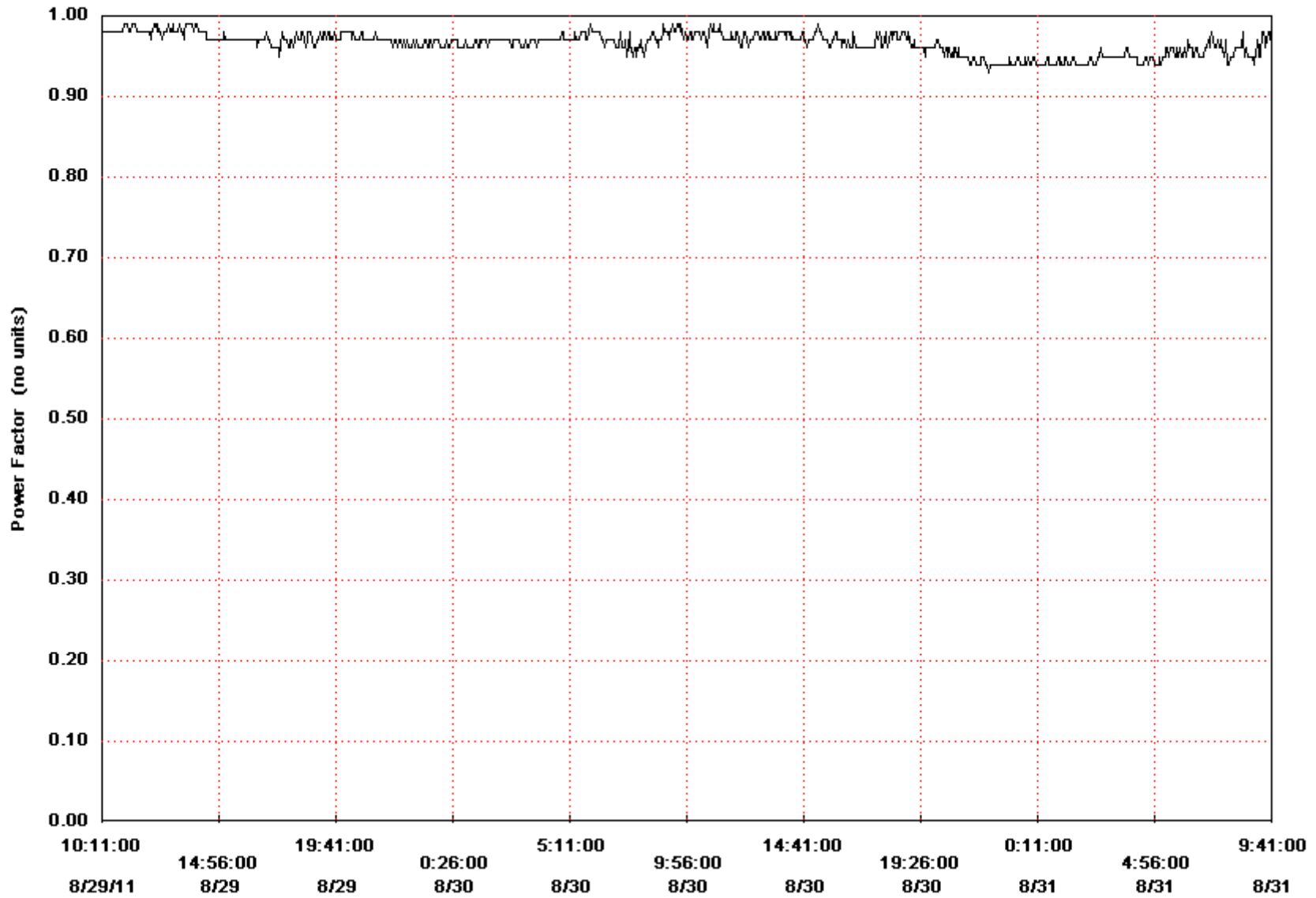
Phase 3 Ave = 0.98

Phase 3 Max = 1.00

Phase 3 Min = 0.52



□ Ave Total = 0.97



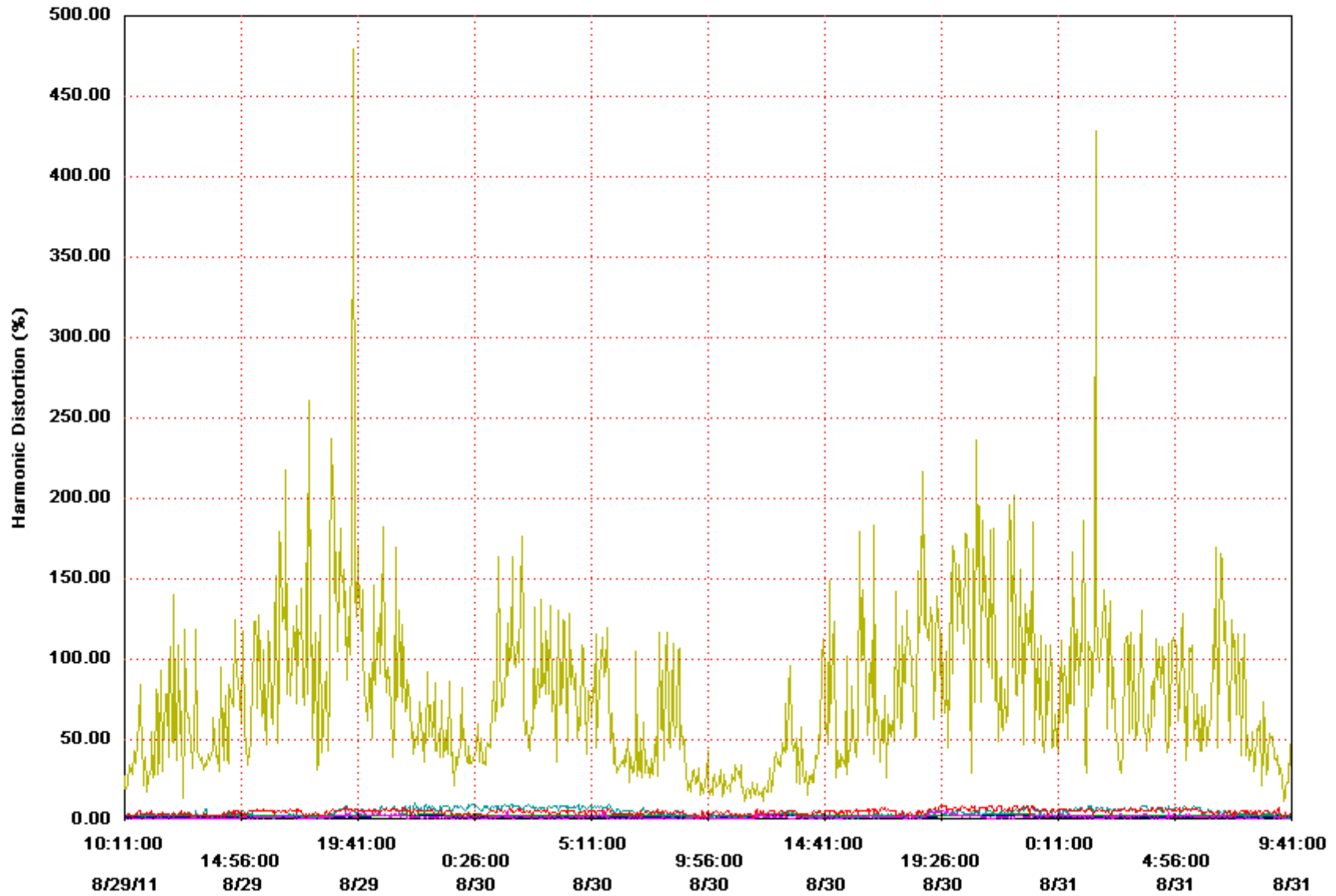
□ Ave Freq = 60.02

□ Max Freq = 60.10

□ Min Freq = 60.00



□ V1n = 2.46      □ V2n = 2.25      □ V3n = 3.09      □ I1 = 4.94  
□ I2 = 5.29      □ I3 = 1.88      □ In = 75.72





Phase 1 = 626.19      Phase 2 = 644.44      Phase 3 = 595.86      Total = 1866.6

