

Test Summary

10-28-2014 - 10-29-2014

11/10/2014

Customer Information

Demo Report
RxMS
22A Eastman Ave
Bedford, NH 03110

Equipment

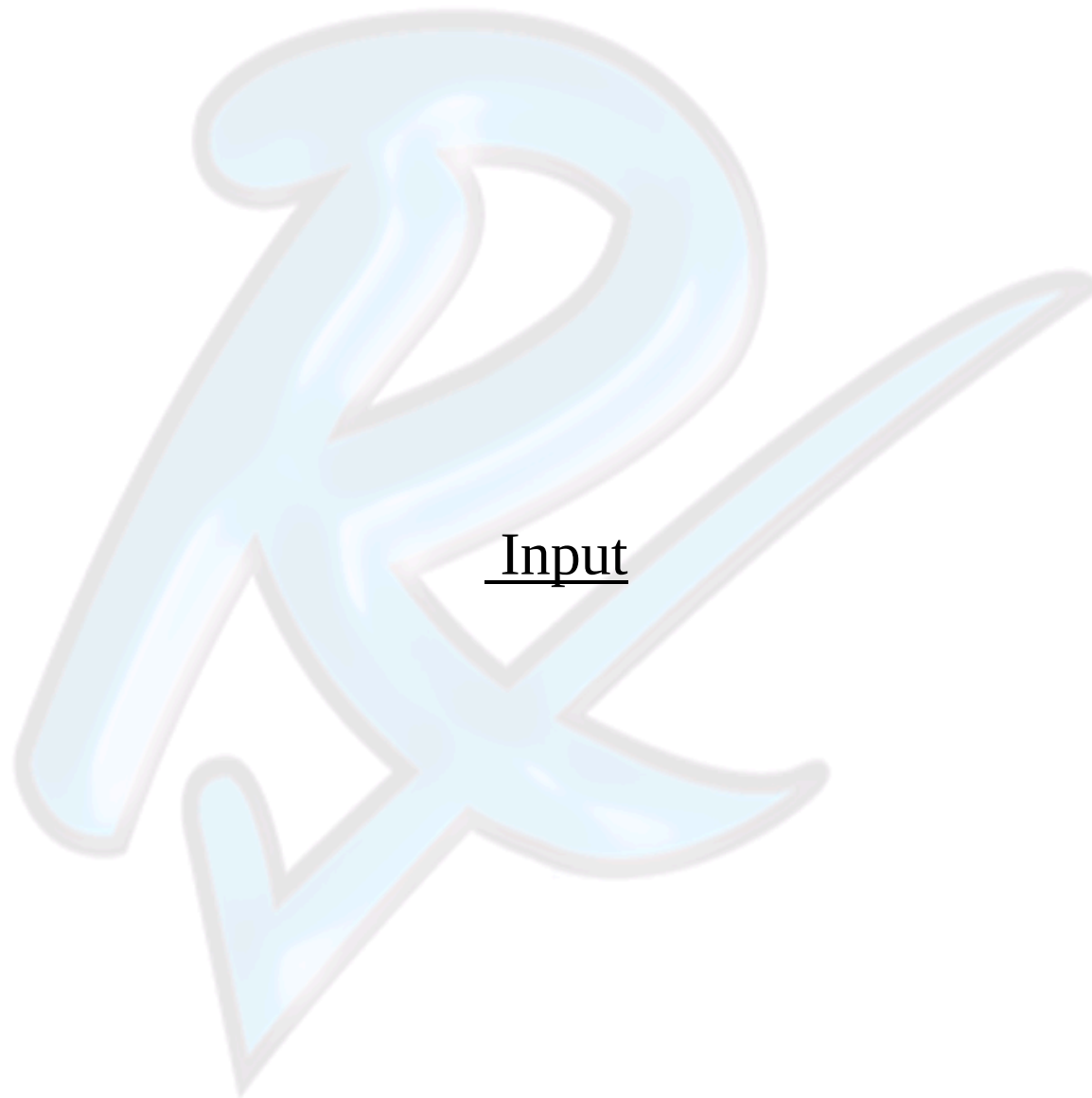
UPS1
Model: 0001
Serial #: xx2211
KVA: 40
Rx Site: xxxxxx

UPS / Test	Max KVA	Max Voltage Deviation % Ph-G	Recovery Time mSec (to 1% Nominal)	Pages
UPS1				
Input				3-20
Transient Recovery Output	40.7	-3.7%	193	21-48

Test Notes:



UPS1





RxMS Tech Notes

11/10/2014

Site Certified ®

Customer Information

Demo Report

Rx Site #:
Monitor S/N:

Site Information

Demo Site

Client Site Code:
Site Equipment: Load Bank Testing
Monitor Location:

Comments:

This demo report was generated from the data on the input of UPS1.

This power quality survey was conducted by an independent power and environmental consulting firm, Rx Monitoring Services, Inc. (RxMS). The equipment used to perform the survey was provided by RxMS and calibrated prior to shipment and again upon return according to our internal procedures and national standards.

The client is only responsible for the installation of the equipment and has either no or limited access to the data. The data gathered at the site is compared to the original equipment's site specification guideline (supplied at the initial installation) and used to provide the recommendations found in the report. For technical assistance please contact, at no extra charge, Rx Tech Support at 1-603-666-6606. RxMS is not affiliated with any power conditioning manufacturer or distributor but will refer solutions for your convenience if no local source is available.

Rx Monitoring Services, Inc.

**22A Eastman Ave.
Bedford, NH. 03110**

**www.rxms.com
1-888-329-2321**

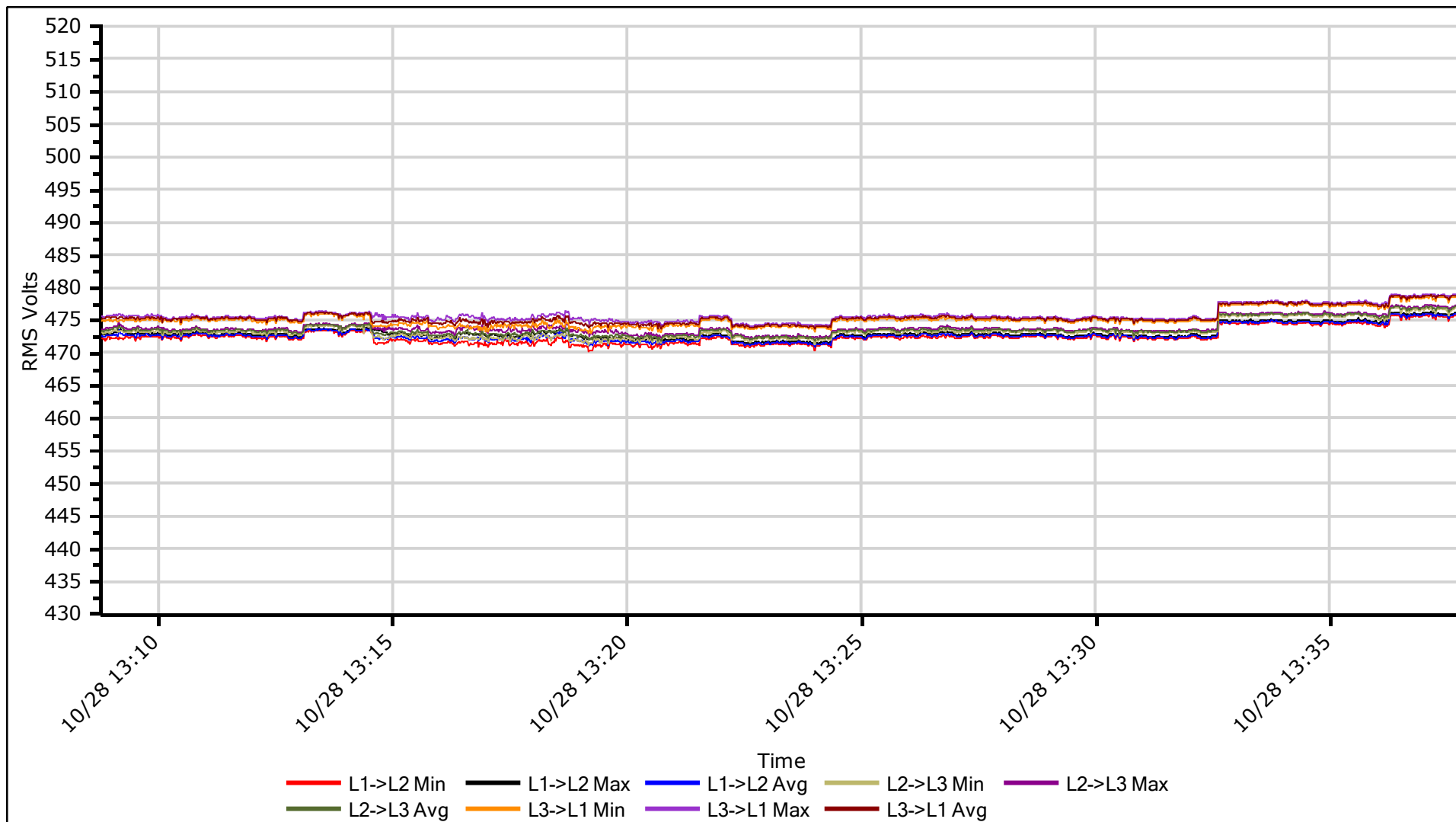


RMS Voltage

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:37



Comments:

Voltage, Ph-Ph.

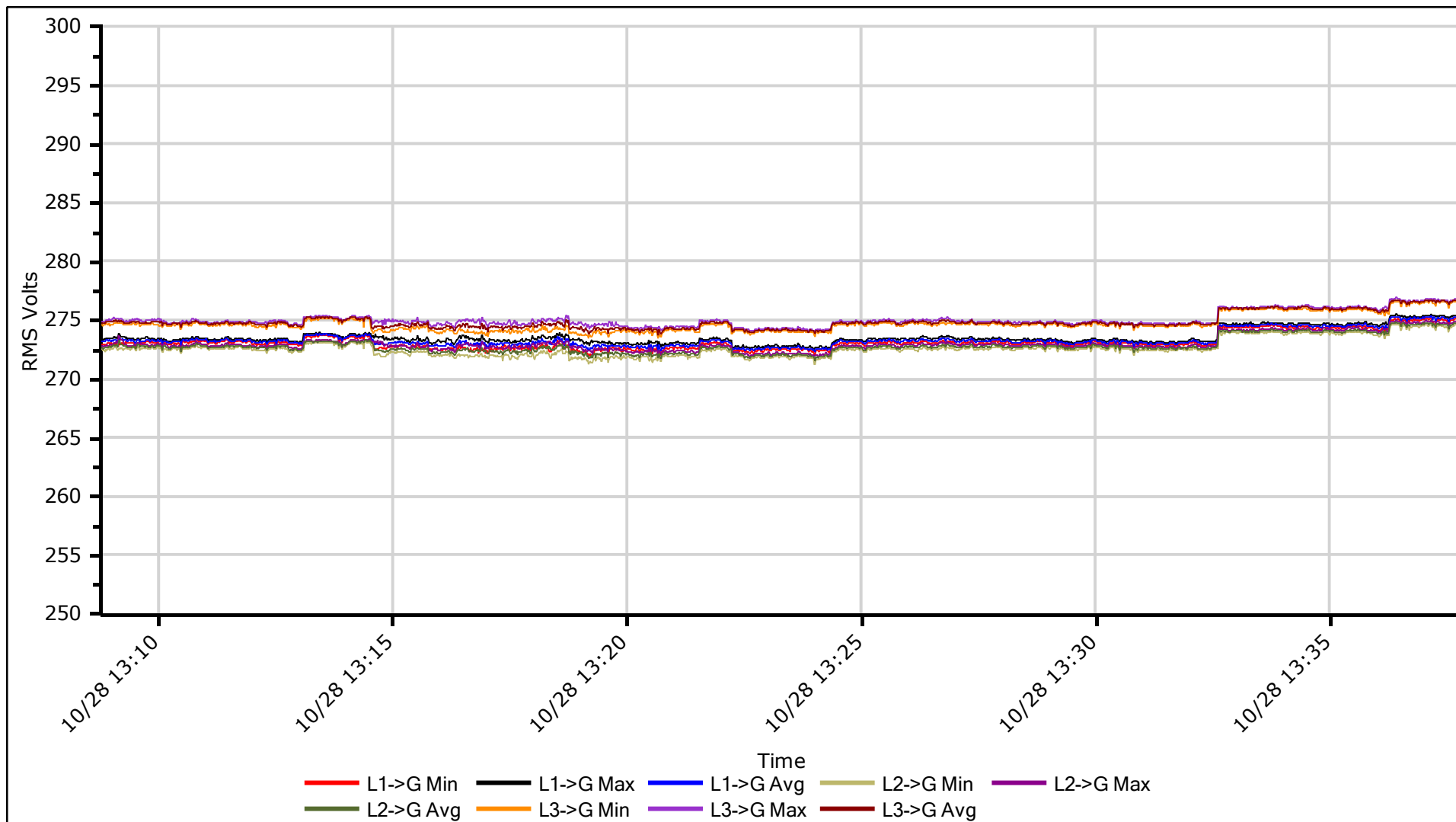


RMS Voltage

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:37



Comments:

Voltage, Ph-Gnd.



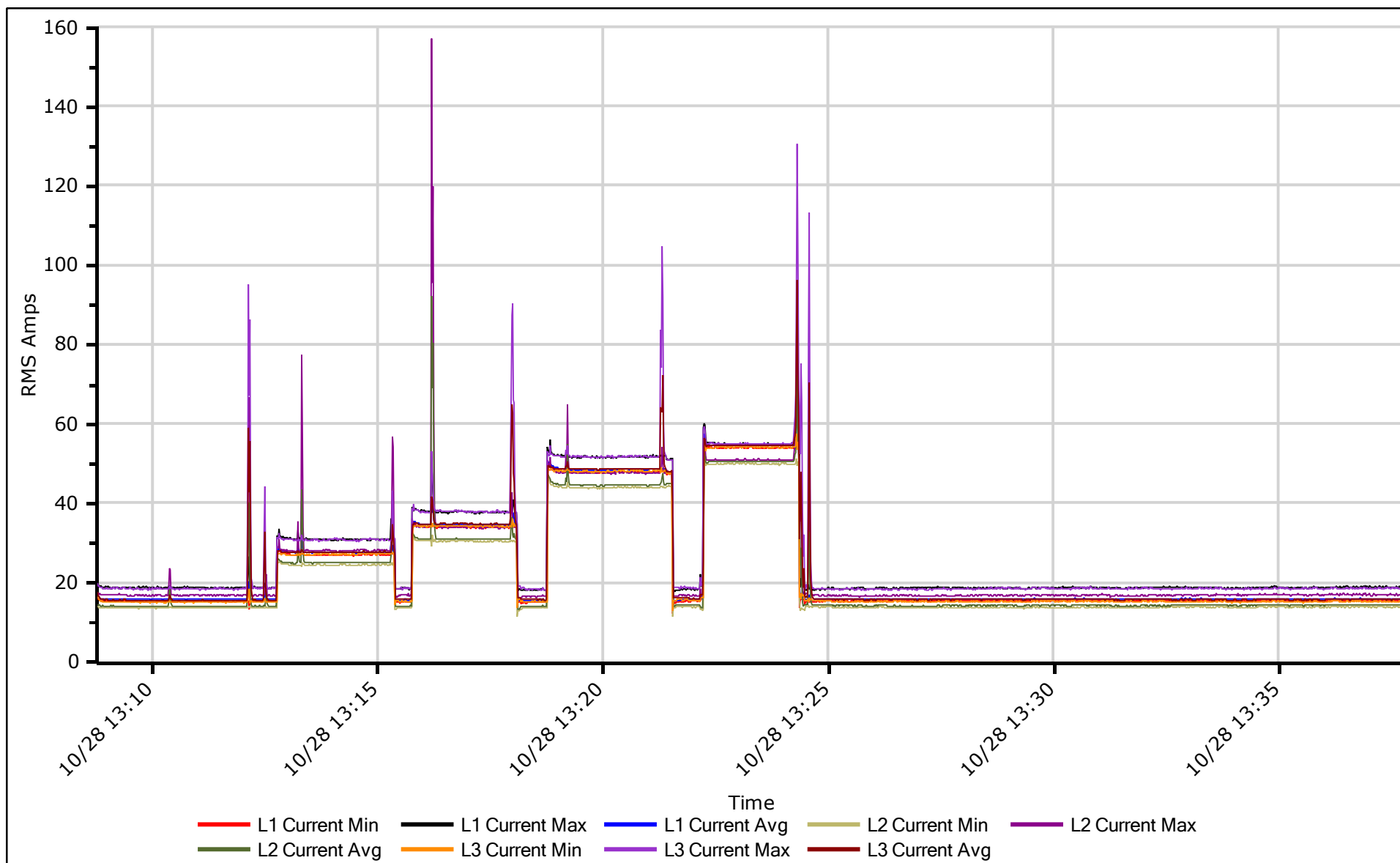
RMS Current

Site:

11/10/2014

Avg Lo/Hi: 11/157

Oct 28, 14 13:08 - Oct 28, 14 13:37





AC Frequency

Site:

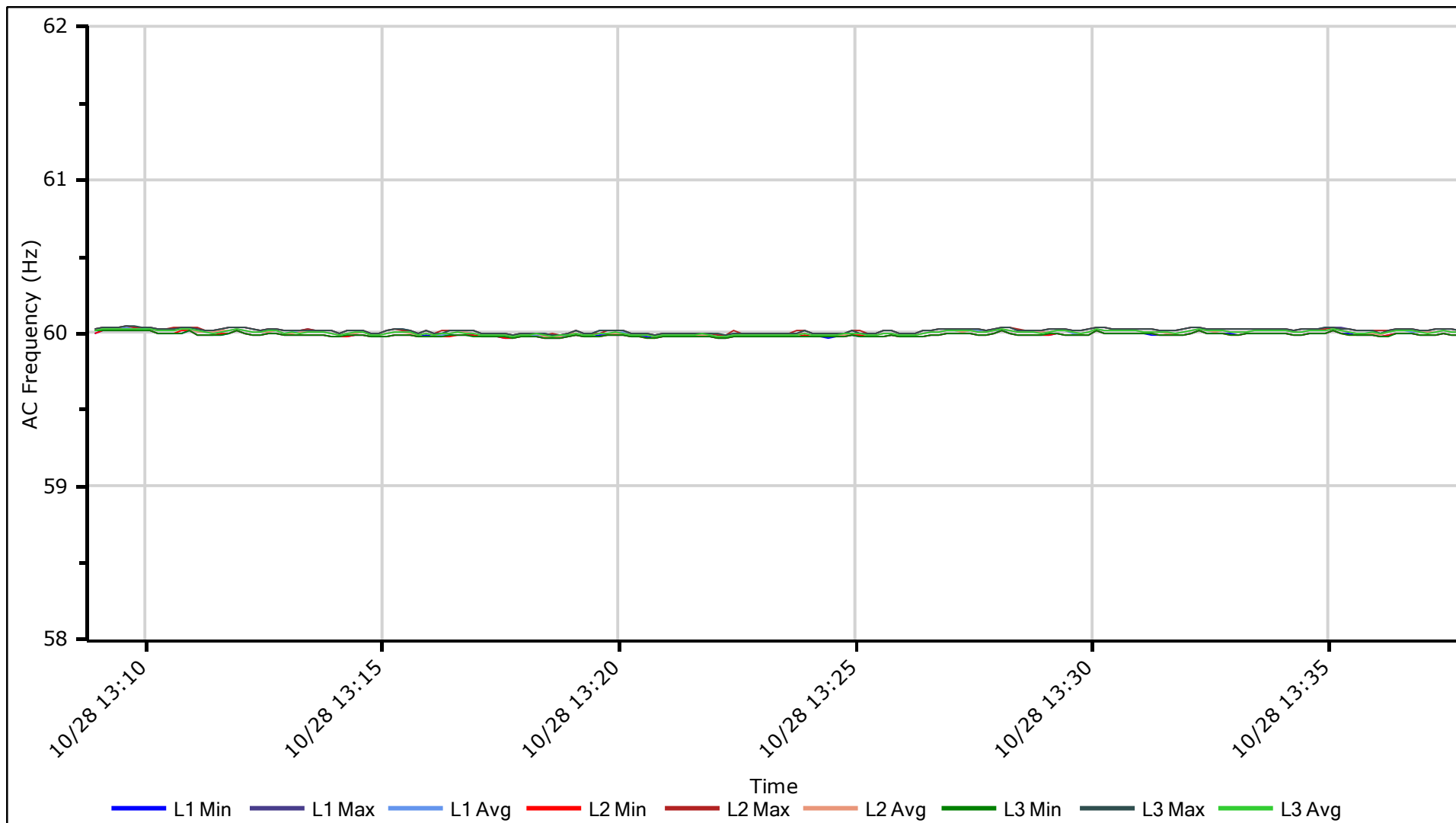
Oct 28, 14 13:08 - Oct 28, 14 13:37

11/10/2014

L1 Lo/Hi: 59.96/60.03

L2 Lo/Hi: 59.96/60.03

L3 Lo/Hi: 59.96/60.03



Comments:

Frequency 20 Cycle Average

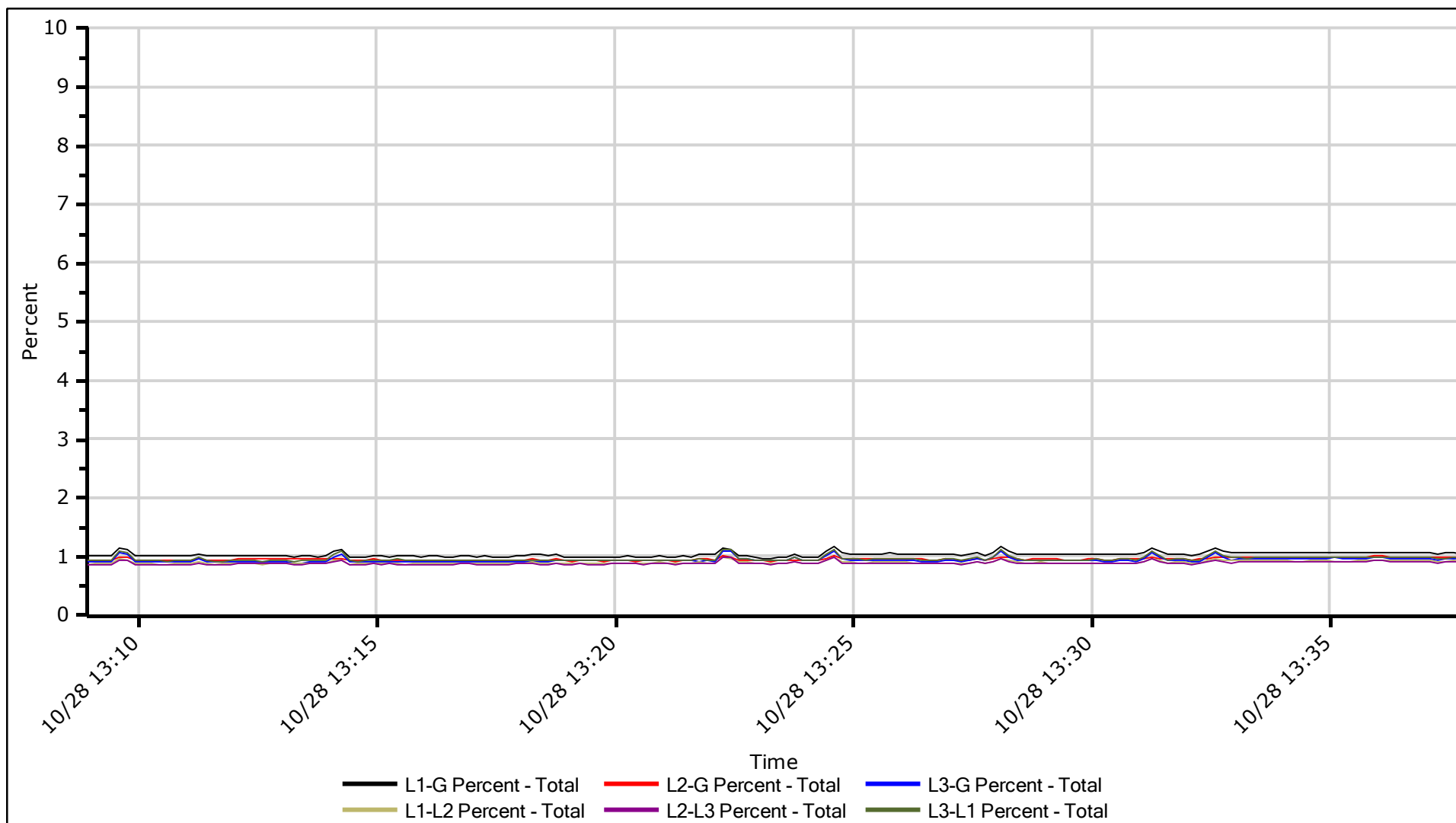


THD Logs

11/11/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:37



Comments:

% THD.

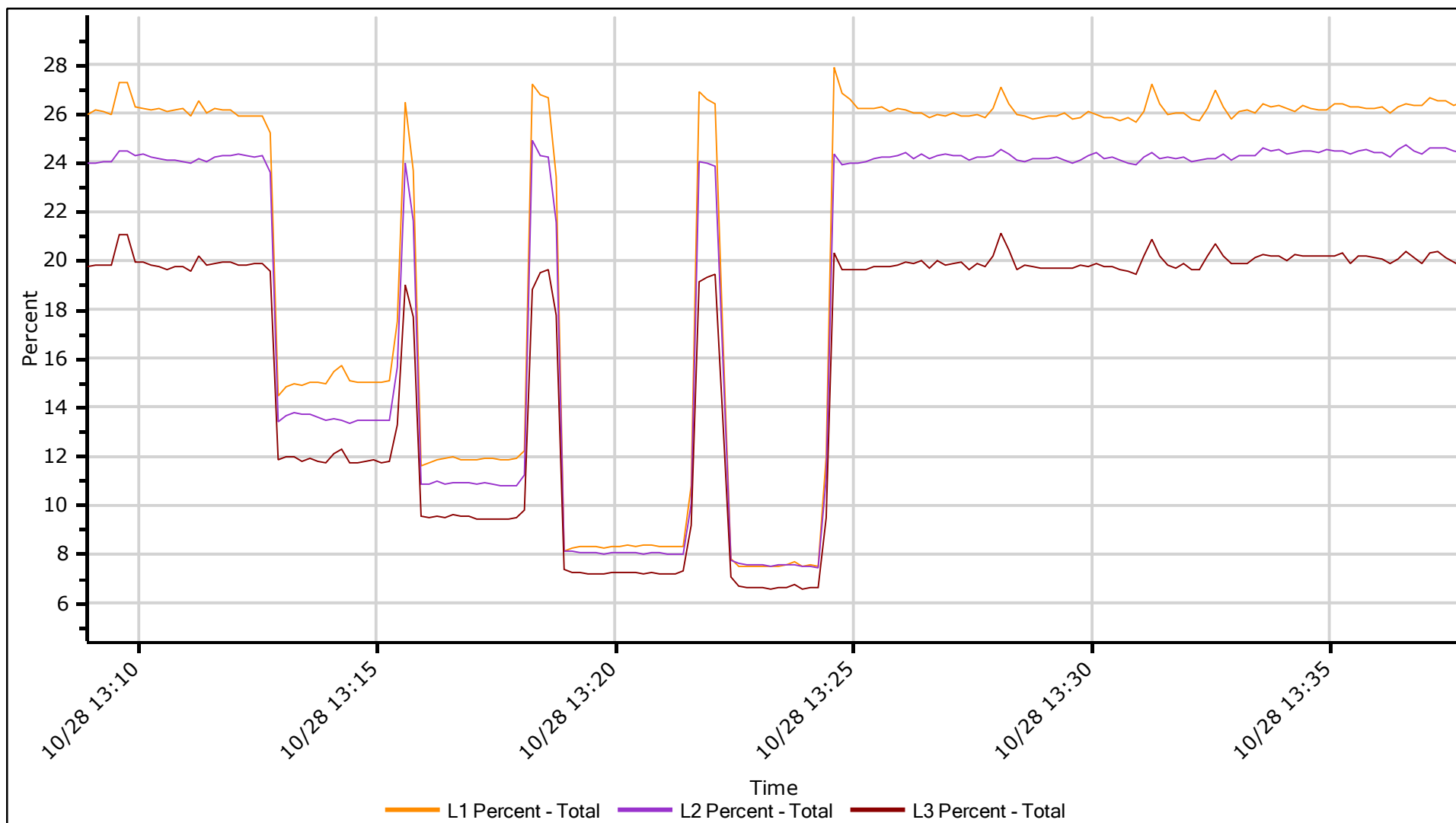


THD Logs

11/11/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:37



Comments:

% THD for current.

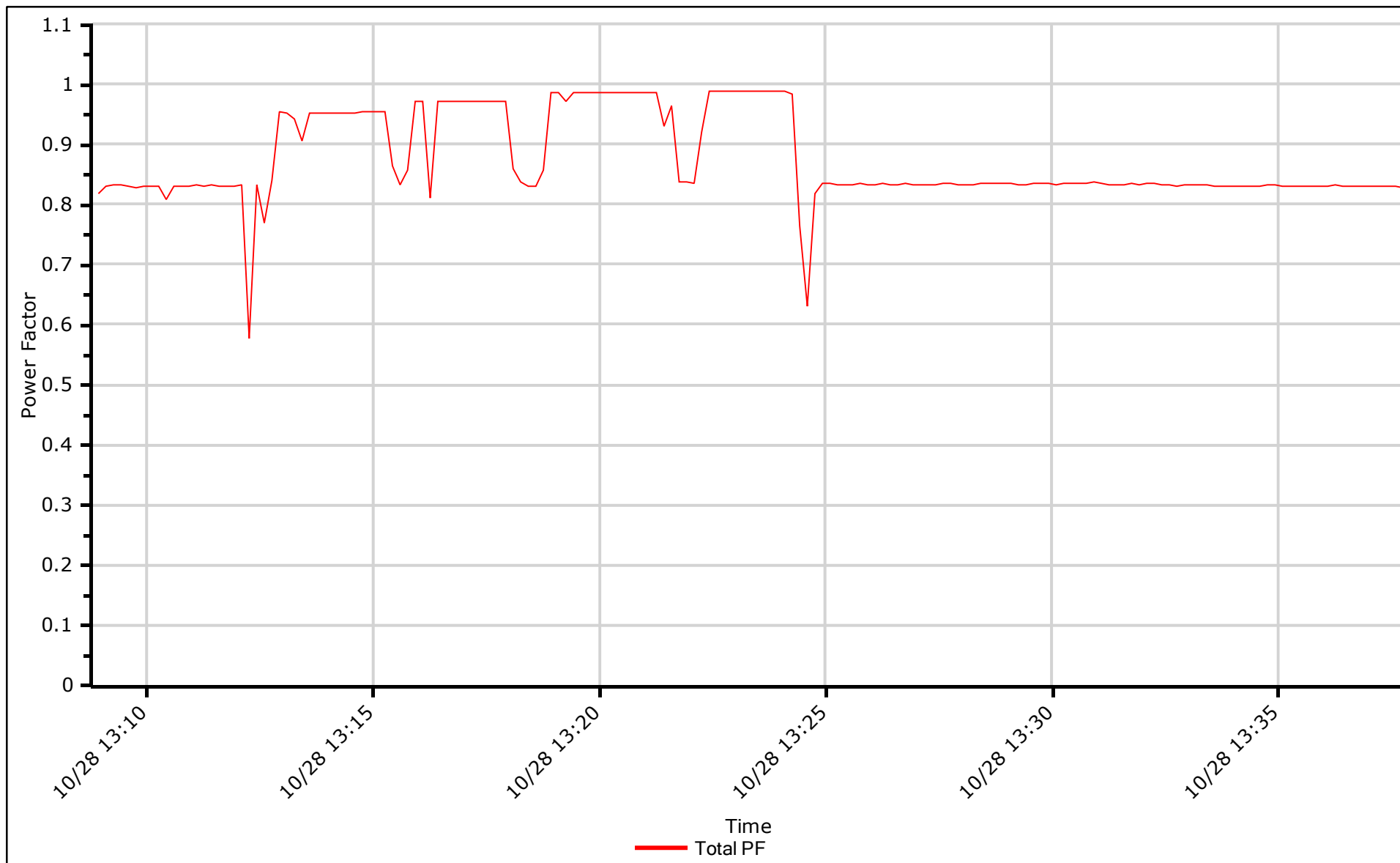


Power Factor

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:37



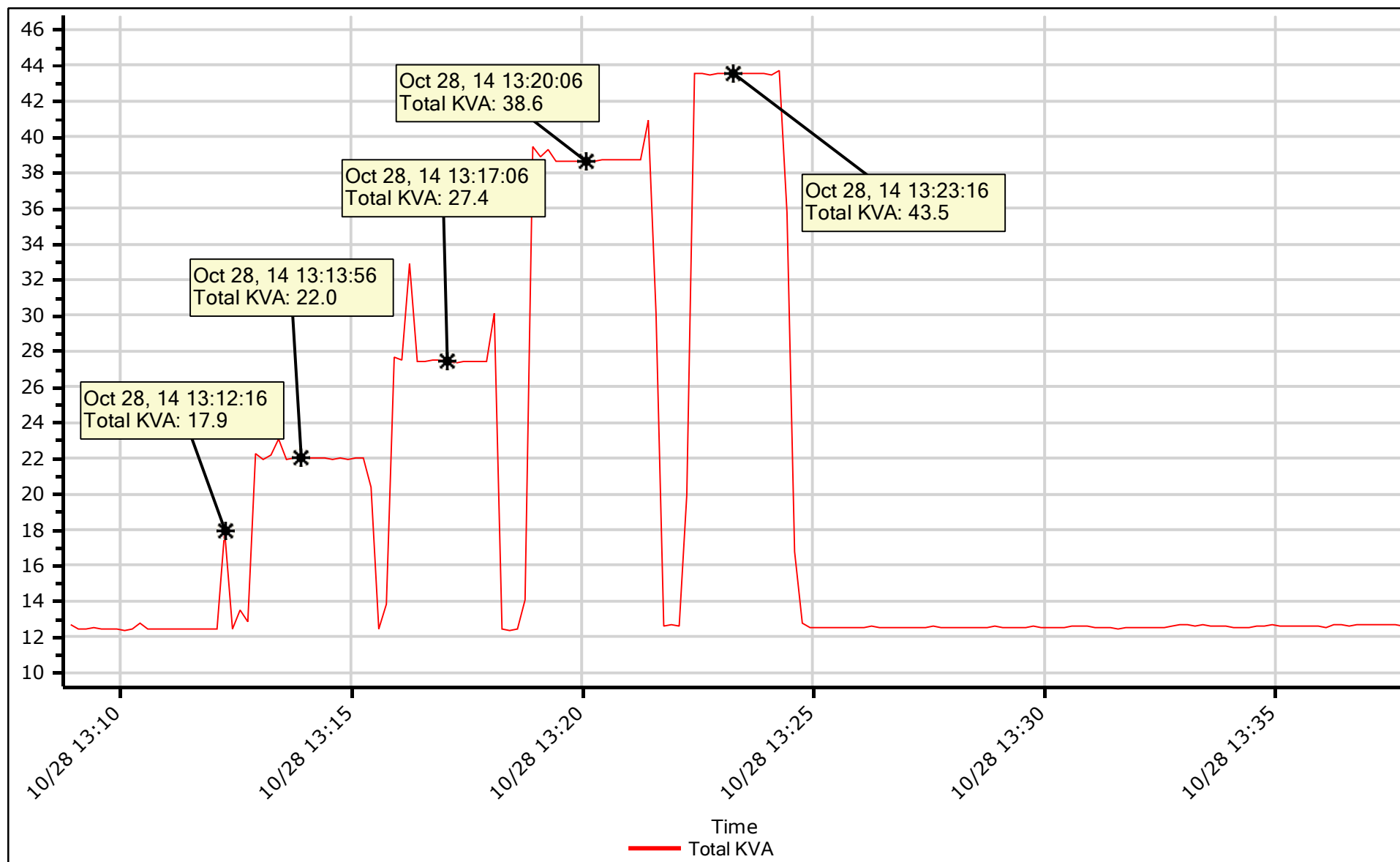


Total KVA

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:37



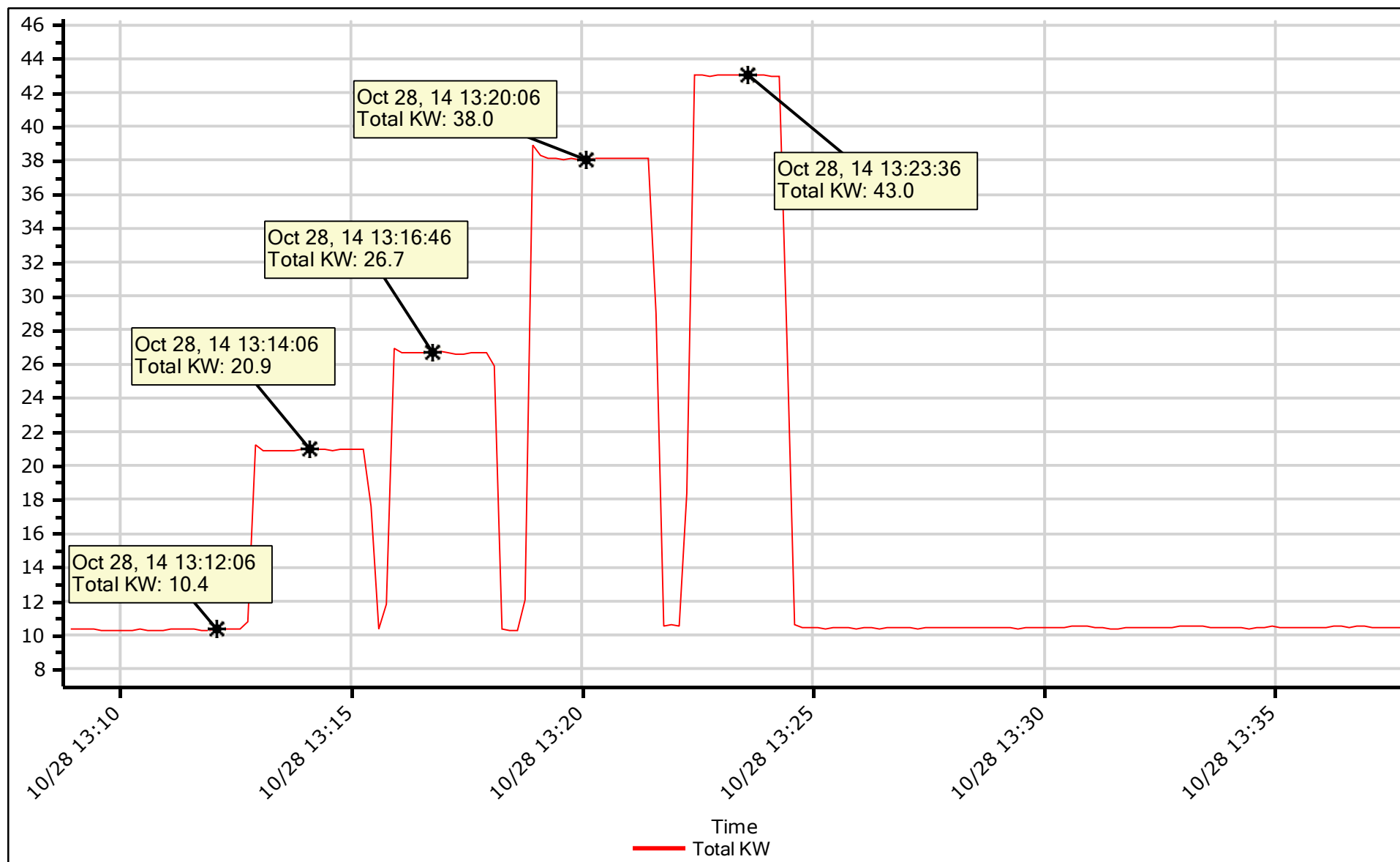


Total KW

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:37





Waveform Snapshots



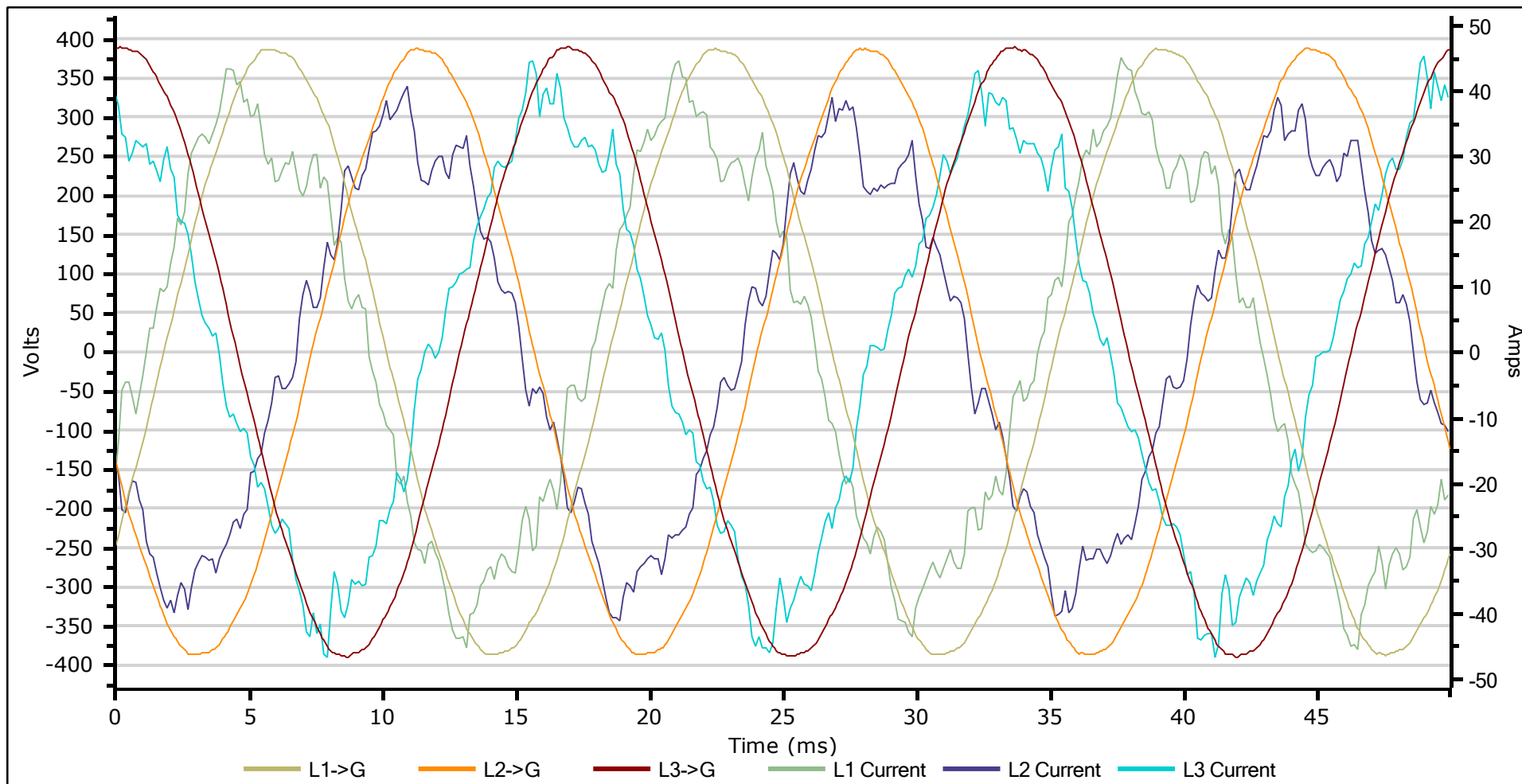
Snapshot

Site:

11/10/2014

Event 147 - Tuesday, Oct 28, 2014 13:13:47

Volts Angle: 119.6
Phase Seq: CW(ABC)



Power:

	L1	L2	L3		L1	L2	L3	Total
RMS V:	274	273	275	KVA:	7.53	6.85	7.53	21.9
RMS I:	28	25	27	KW:	7.07	6.65	7.13	20.9
CF V:	1.4	1.4	1.4	KVAR:	-2.58	-1.65	-2.40	6.63
CF I:	1.6	1.6	1.7	PF:	-0.940	-0.970	-0.948	0.952



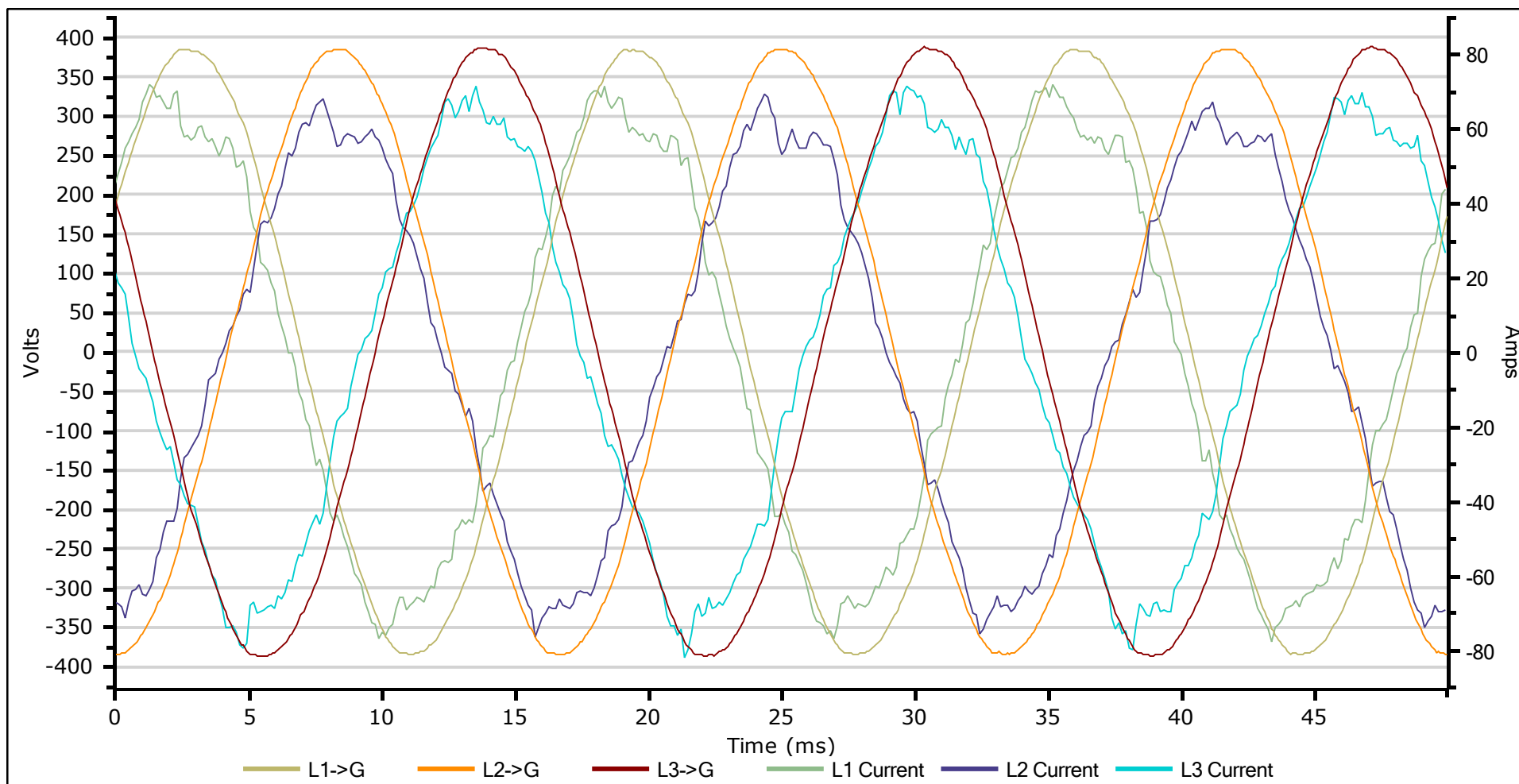
Snapshot

Site:

11/10/2014

Event 178 - Tuesday, Oct 28, 2014 13:18:47

Volts Angle: 119.6
Phase Seq: CW(ABC)



Power:

	L1	L2	L3		L1	L2	L3	Total
RMS V:	273	272	274	KVA:	13.7	12.8	13.5	39.9
RMS I:	50	47	49	KW:	13.4	12.7	13.2	39.3
CF V:	1.4	1.4	1.4	KVAR:	-2.83	-1.35	-2.62	6.81
CF I:	1.5	1.6	1.6	PF:	-0.978	-0.994	-0.981	0.984



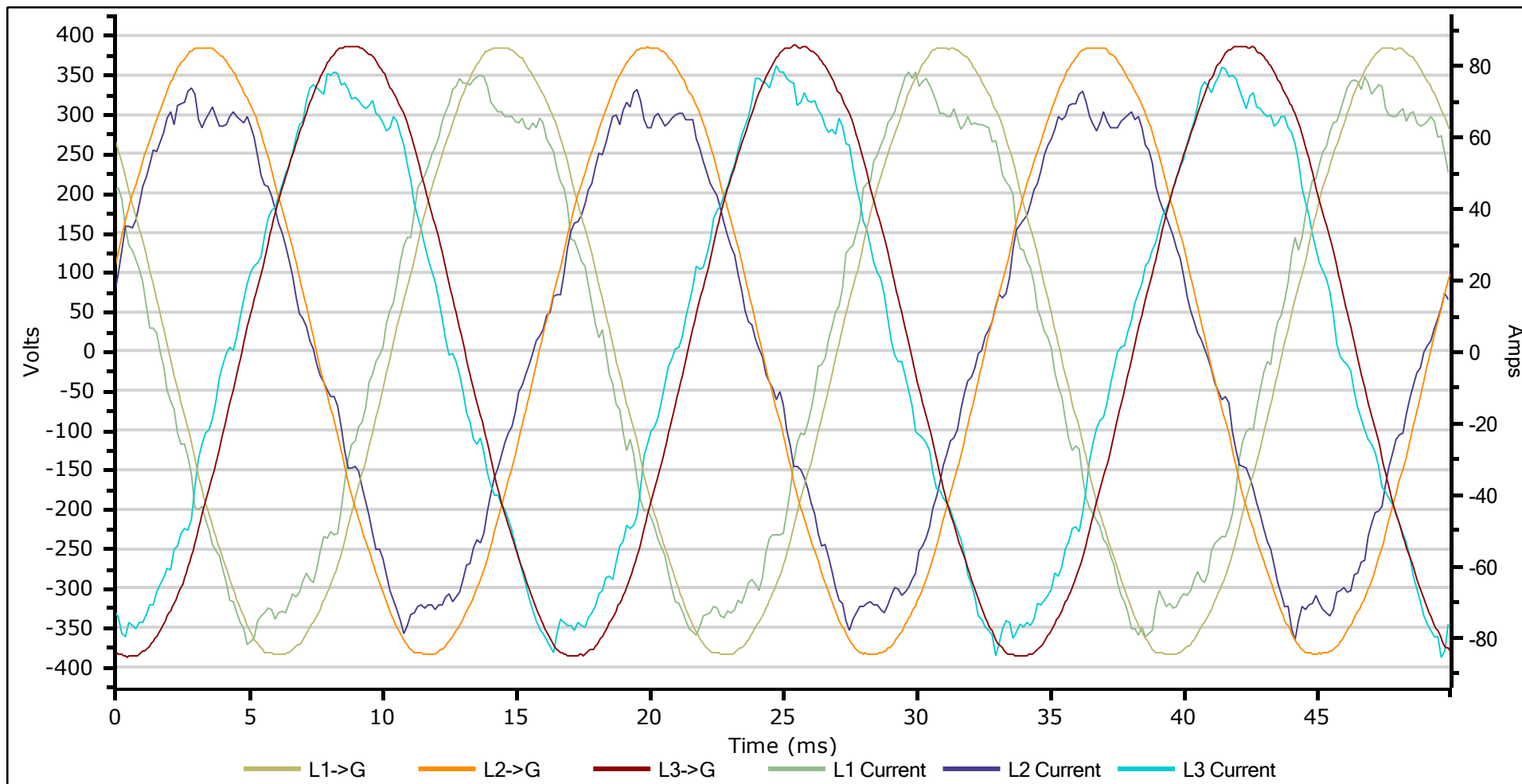
Snapshot

Site:

11/10/2014

Event 211 - Tuesday, Oct 28, 2014 13:23:47

Volts Angle: 119.6
Phase Seq: CW(ABC)



Power:

	L1	L2	L3		L1	L2	L3	Total
RMS V:	273	272	274	KVA:	14.9	13.8	15.0	43.6
RMS I:	54	51	55	KW:	14.6	13.7	14.7	43.1
CF V:	1.4	1.4	1.4	KVAR:	-2.78	-1.11	-2.48	6.38
CF I:	1.5	1.5	1.5	PF:	-0.982	-0.997	-0.986	0.988



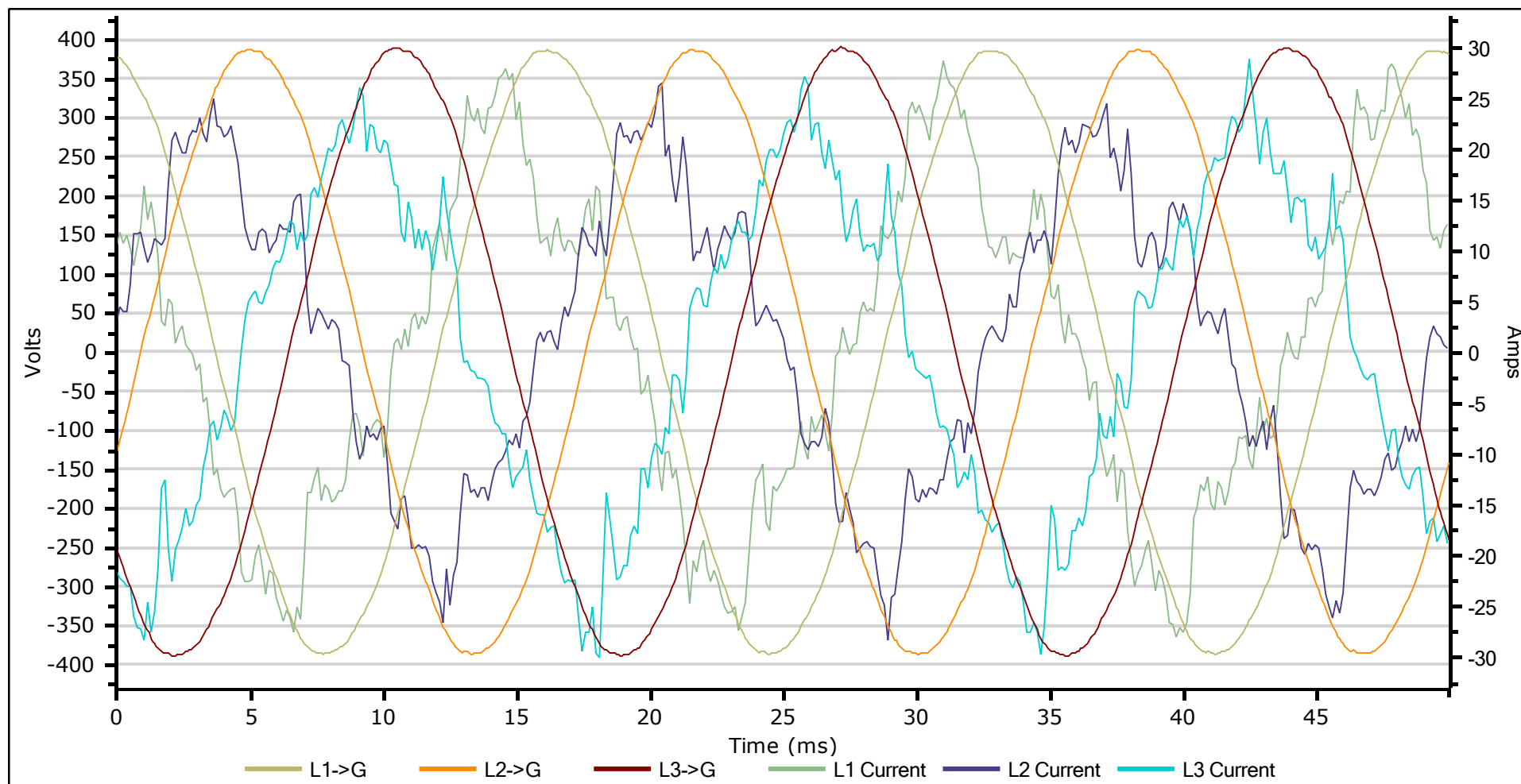
Snapshot

Site:

11/10/2014

Event 238 - Tuesday, Oct 28, 2014 13:28:47

Volts Angle: 119.6
Phase Seq: CW(ABC)



Power:

	L1	L2	L3		L1	L2	L3	Total
RMS V:	273	273	275	KVA:	4.27	3.85	4.22	12.3
RMS I:	16	14	15	KW:	3.48	3.28	3.49	10.2
CF V:	1.4	1.4	1.4	KVAR:	-2.47	-2.02	-2.38	6.86
CF I:	1.8	1.9	1.8	PF:	-0.816	-0.852	-0.826	0.831



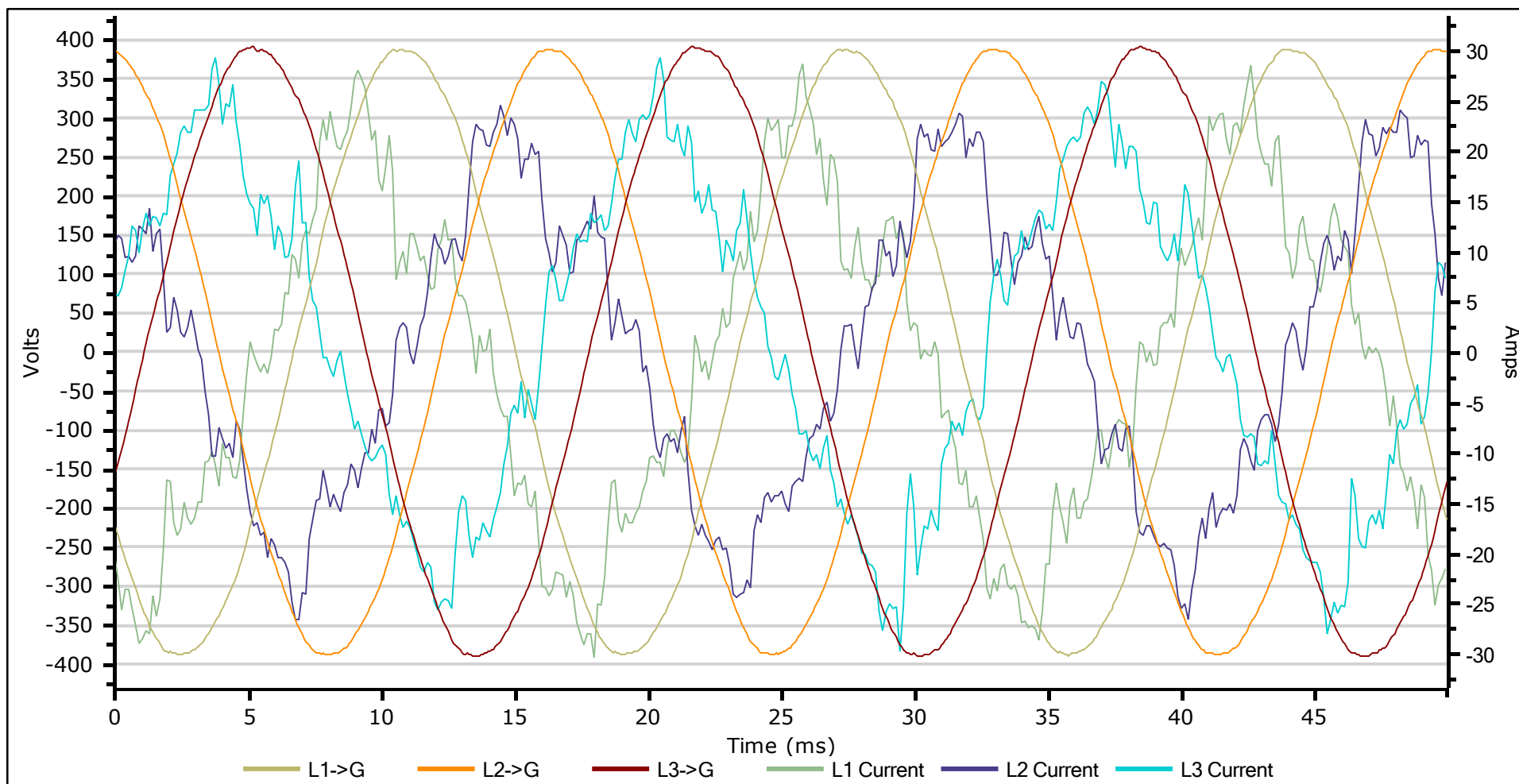
Snapshot

Site:

11/10/2014

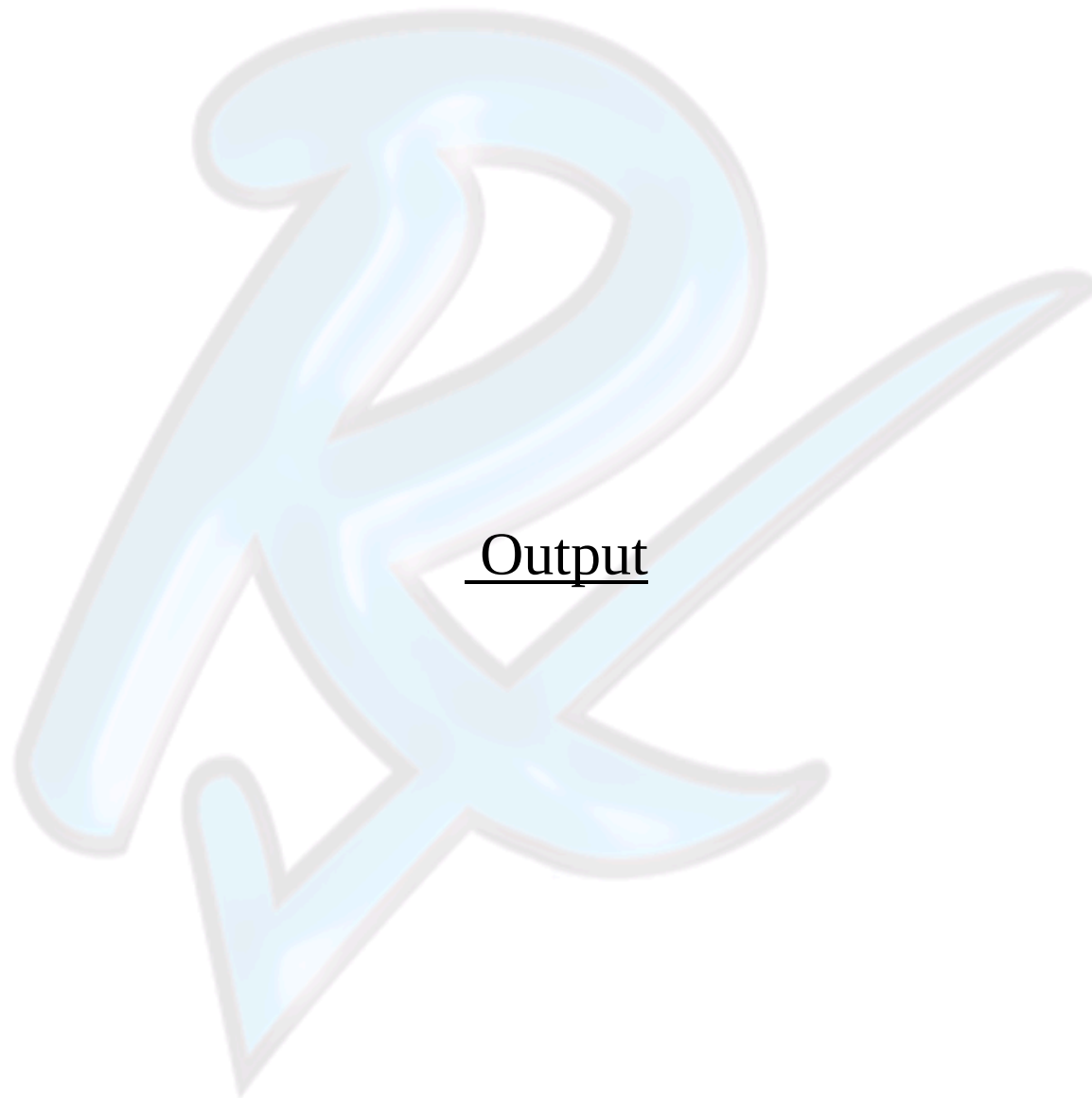
Event 239 - Tuesday, Oct 28, 2014 13:33:47

Volts Angle: 119.5
Phase Seq: CW(ABC)



Power:

	L1	L2	L3		L1	L2	L3	Total
RMS V:	275	274	276	KVA:	4.35	3.89	4.33	12.6
RMS I:	16	14	16	KW:	3.58	3.30	3.55	10.4
CF V:	1.4	1.4	1.4	KVAR:	-2.47	-2.06	-2.48	7.01
CF I:	1.8	1.9	1.8	PF:	-0.824	-0.849	-0.819	0.830



Output



RxMS Tech Notes

11/10/2014

Site Certified ®

Customer Information

Demo Report

Rx Site #:
Monitor S/N:

Site Information

Demo Site

Client Site Code:
Site Equipment: Load Bank Testing
Monitor Location:

Comments:

This demo report was generated from the data on the OUTPUT of UPS1.

This power quality survey was conducted by an independent power and environmental consulting firm, Rx Monitoring Services, Inc. (RxMS). The equipment used to perform the survey was provided by RxMS and calibrated prior to shipment and again upon return according to our internal procedures and national standards.

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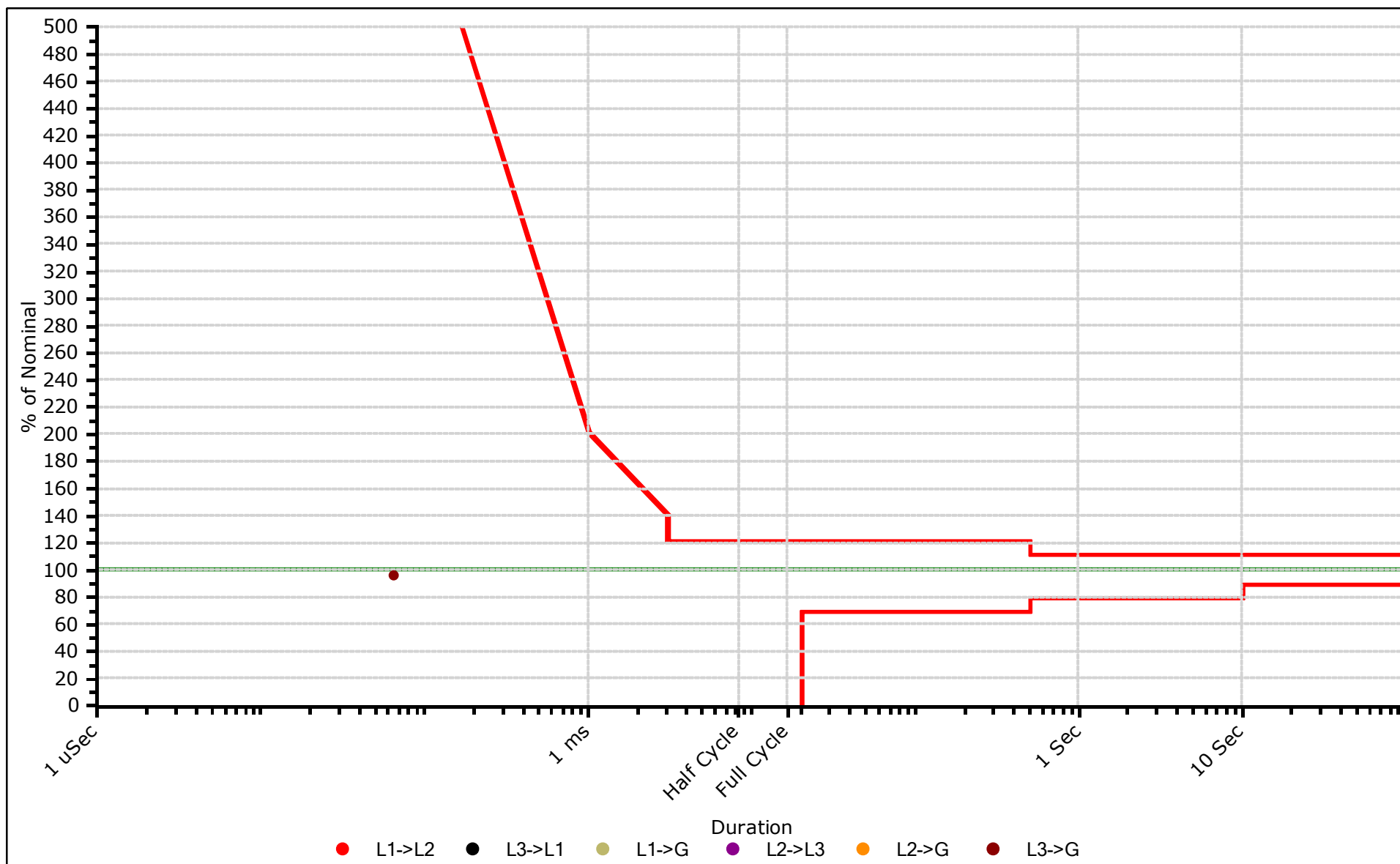


ITI(CBEMA) Plot

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:27



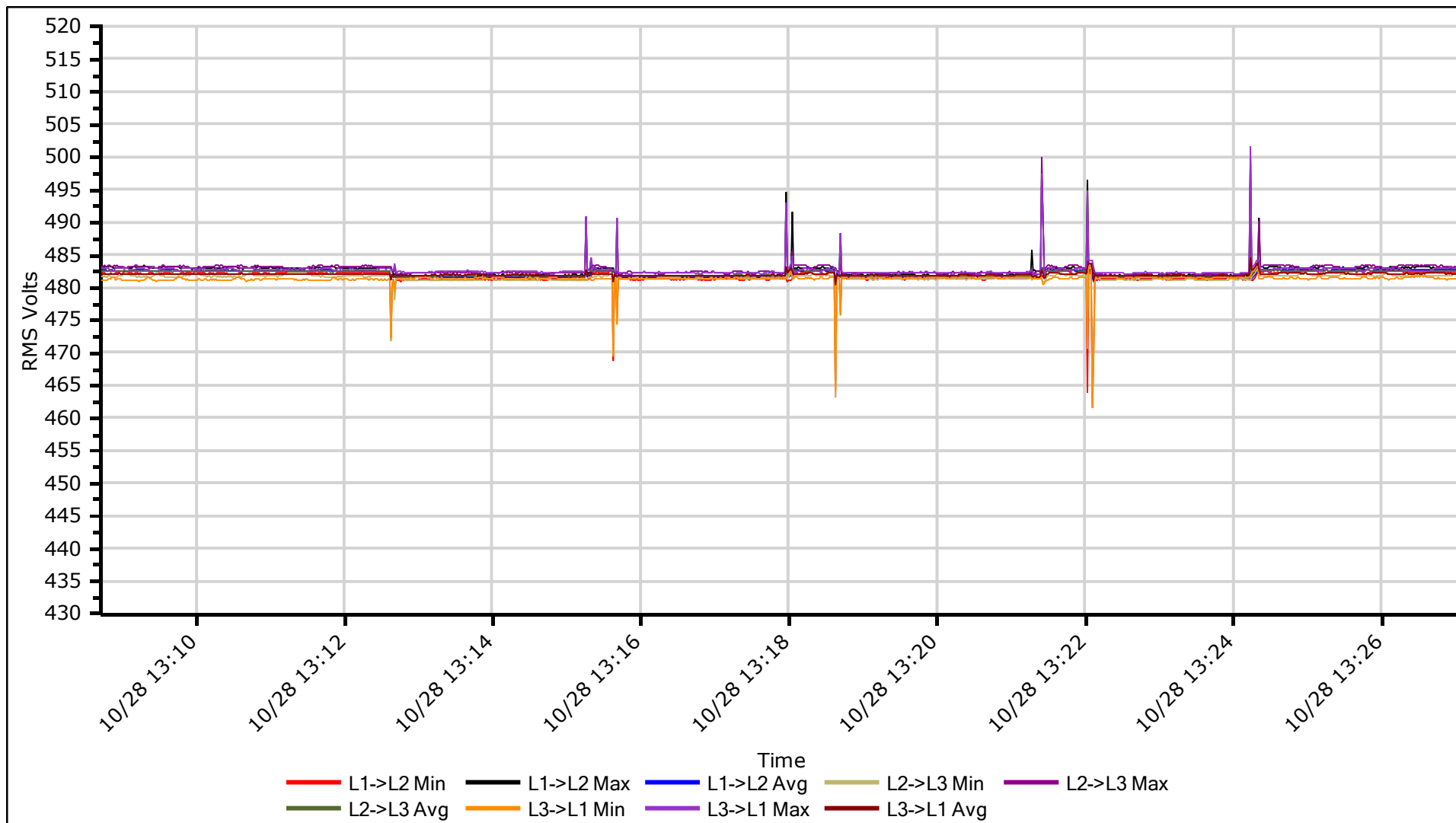


RMS Voltage

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:27



Comments:

Voltage, Ph-Ph.

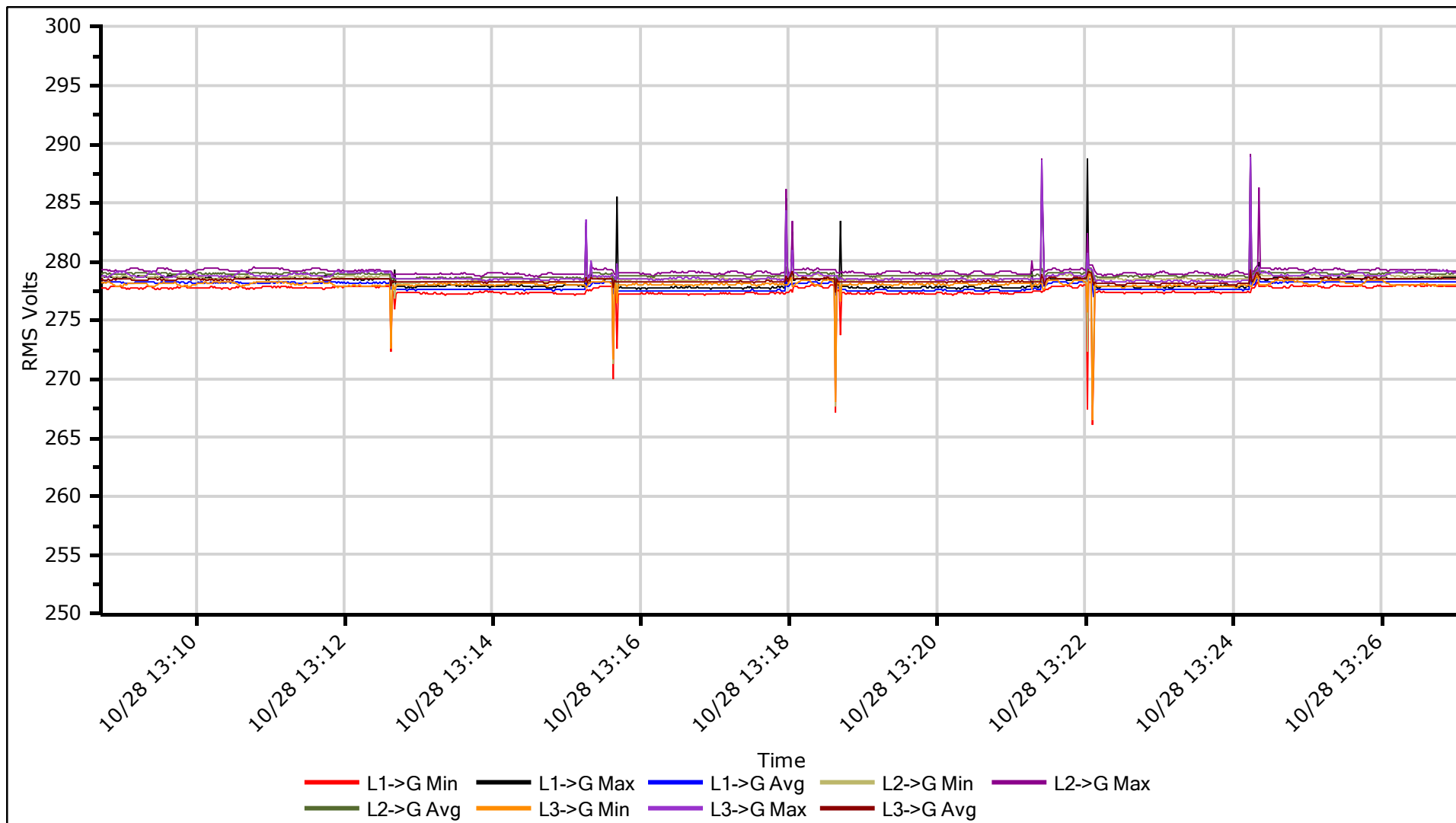


RMS Voltage

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:27



Comments:

Voltage, Ph-Gnd.



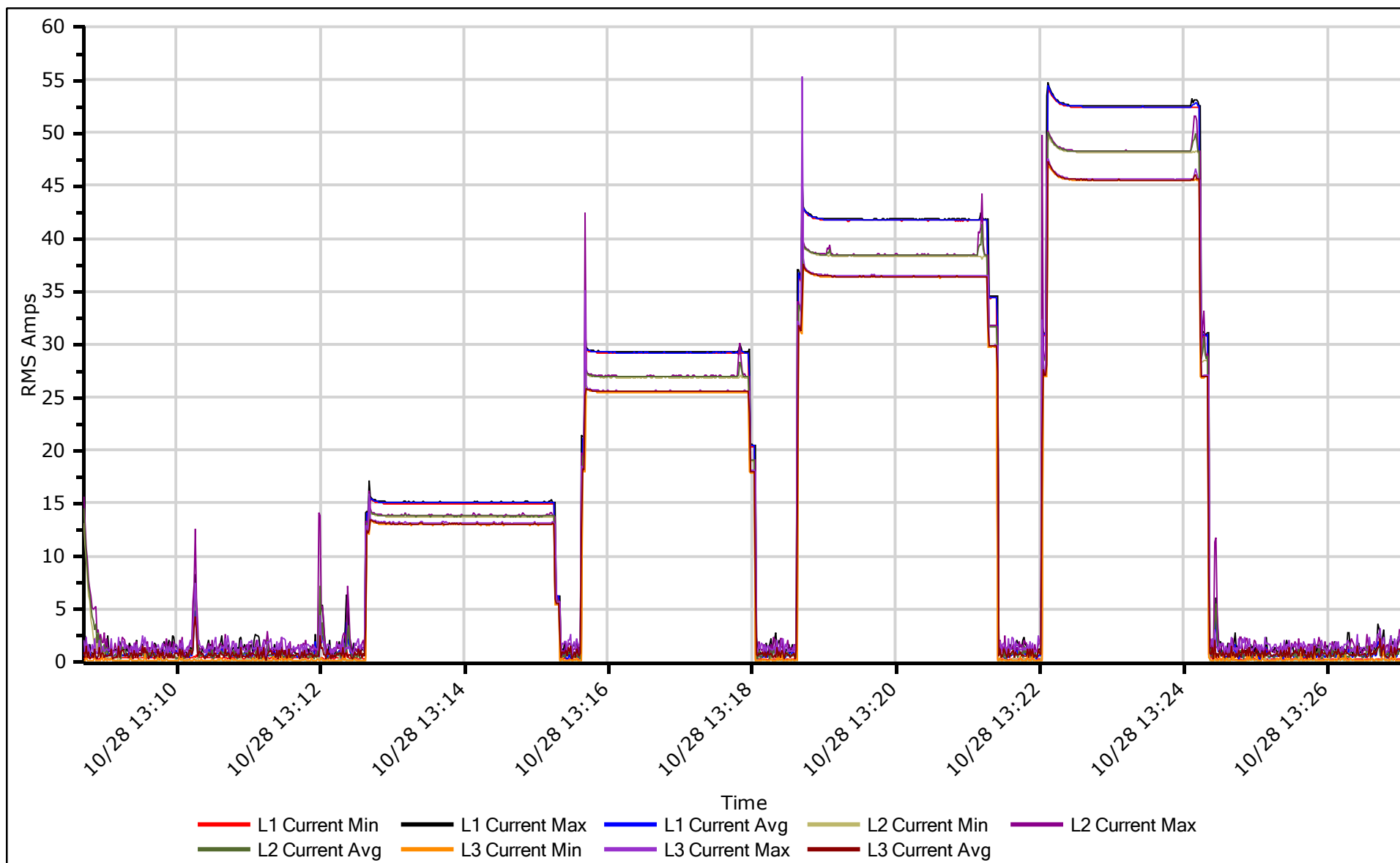
RMS Current

Site:

11/10/2014

Avg Lo/Hi: 0.1/55

Oct 28, 14 13:08 - Oct 28, 14 13:27





AC Frequency

Site:

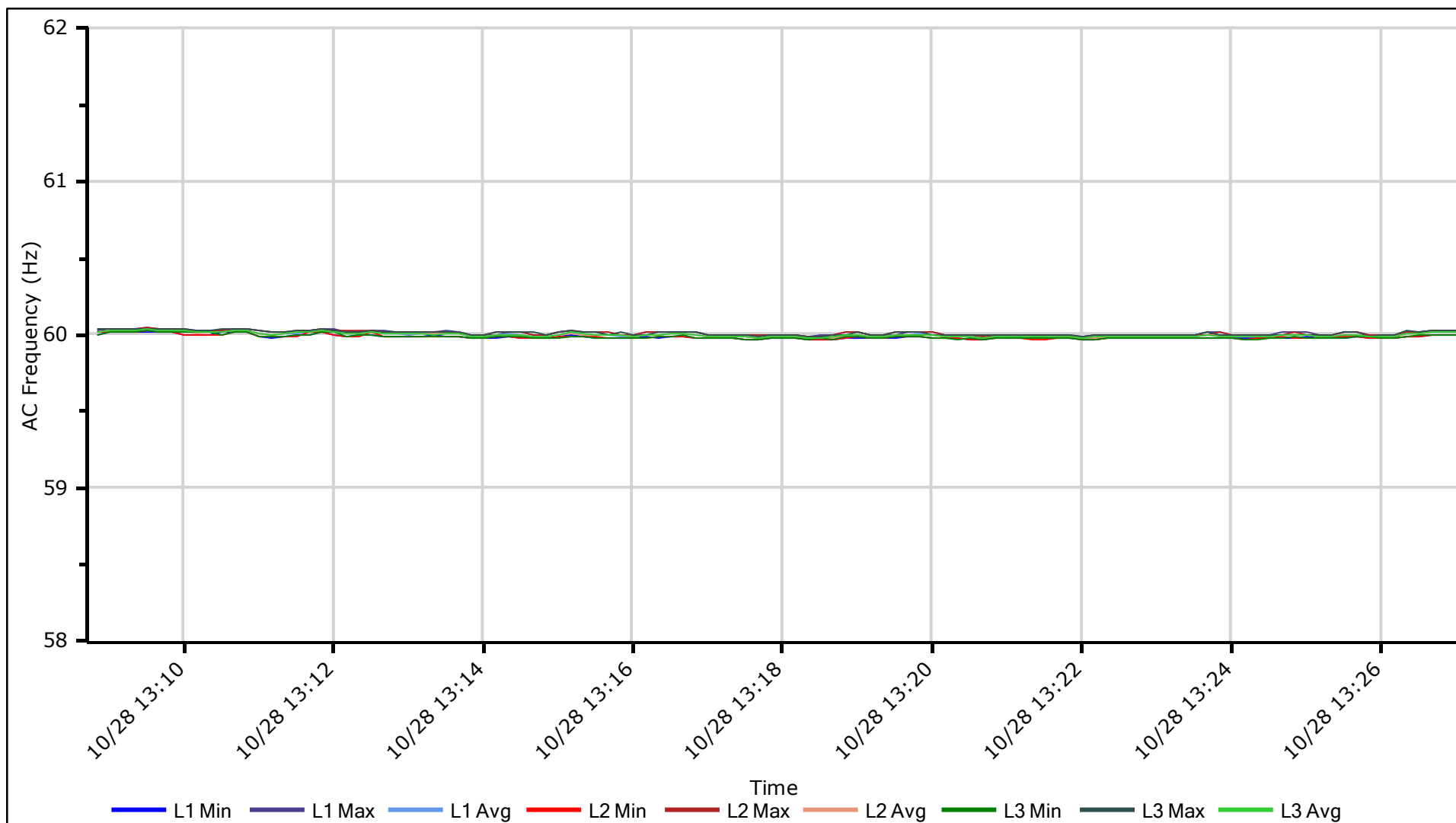
Oct 28, 14 13:08 - Oct 28, 14 13:27

11/10/2014

L1 Lo/Hi: 59.96/60.03

L2 Lo/Hi: 59.96/60.03

L3 Lo/Hi: 59.96/60.03



Comments:

Frequency 20 Cycle Average

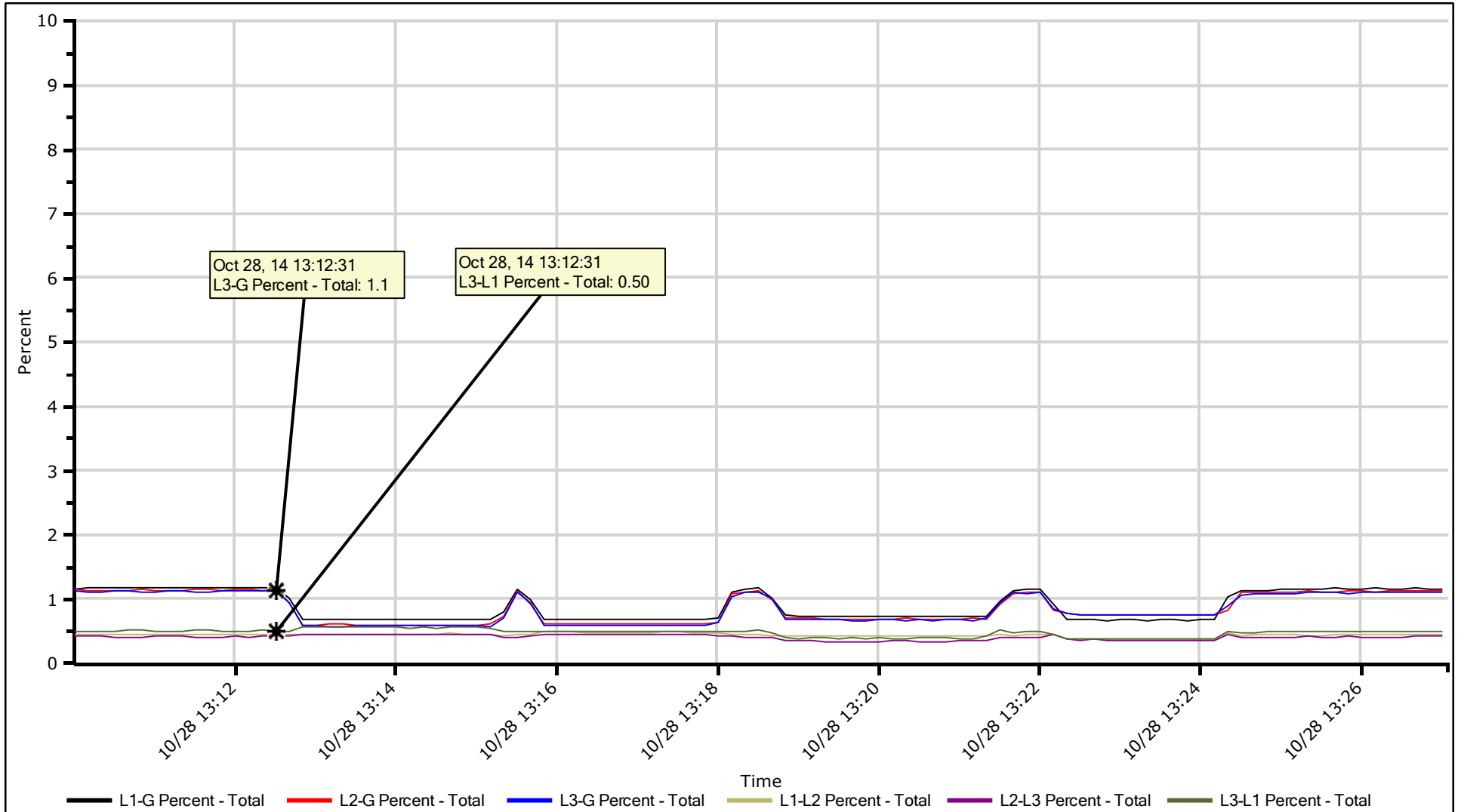


THD Logs

11/11/2014

Site:

Oct 28, 14 13:10 - Oct 28, 14 13:27



Comments:

% THD

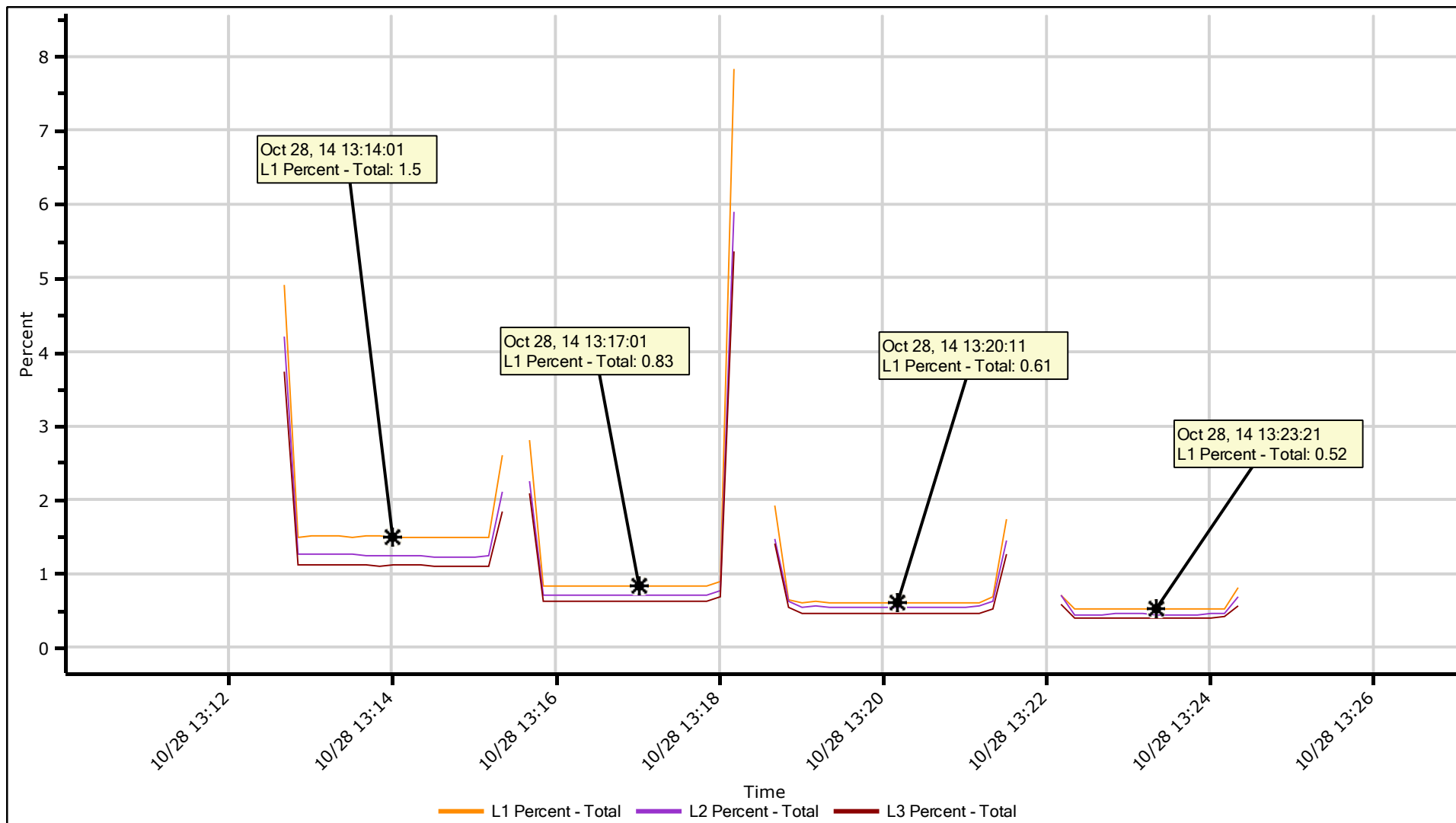


THD Logs

11/11/2014

Site:

Oct 28, 14 13:10 - Oct 28, 14 13:27



Comments:

% THD Current

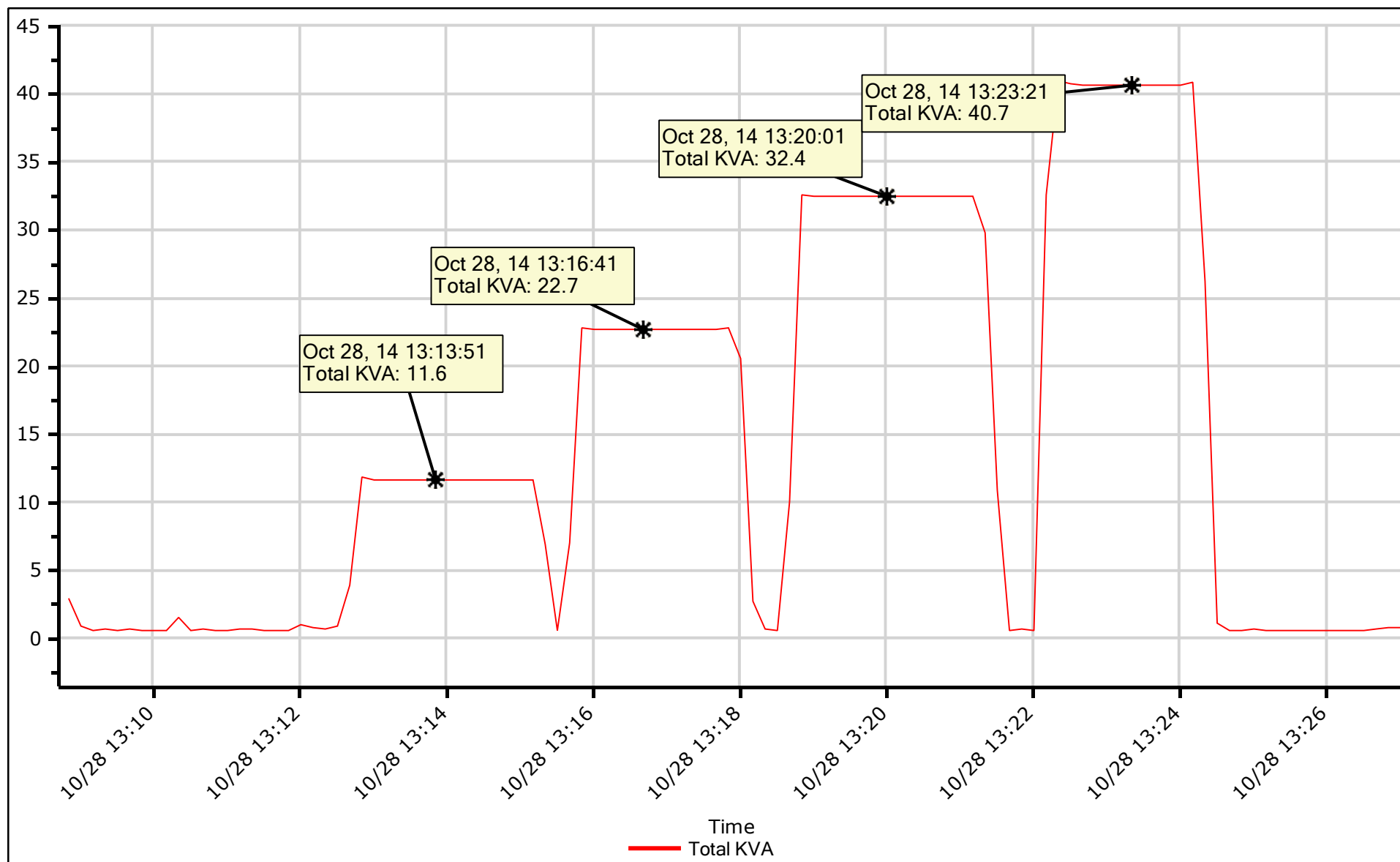


Total KVA

11/10/2014

Site:

Oct 28, 14 13:08 - Oct 28, 14 13:27





0-30%

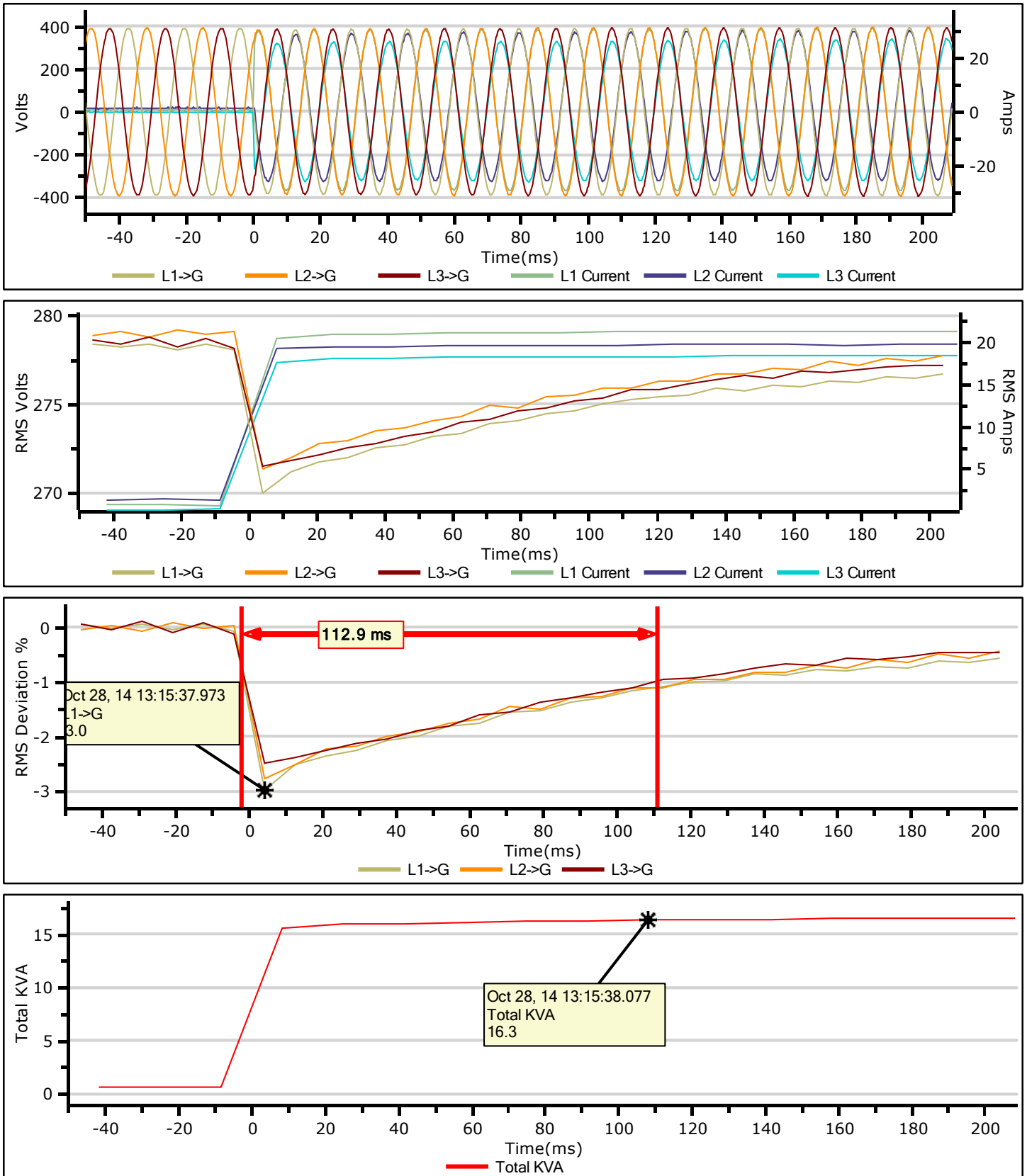


Waveform Capture

11/11/2014

Site:

Event 685 - Tuesday, Oct 28, 2014 13:15:37
0% - 38% Step





30-0%

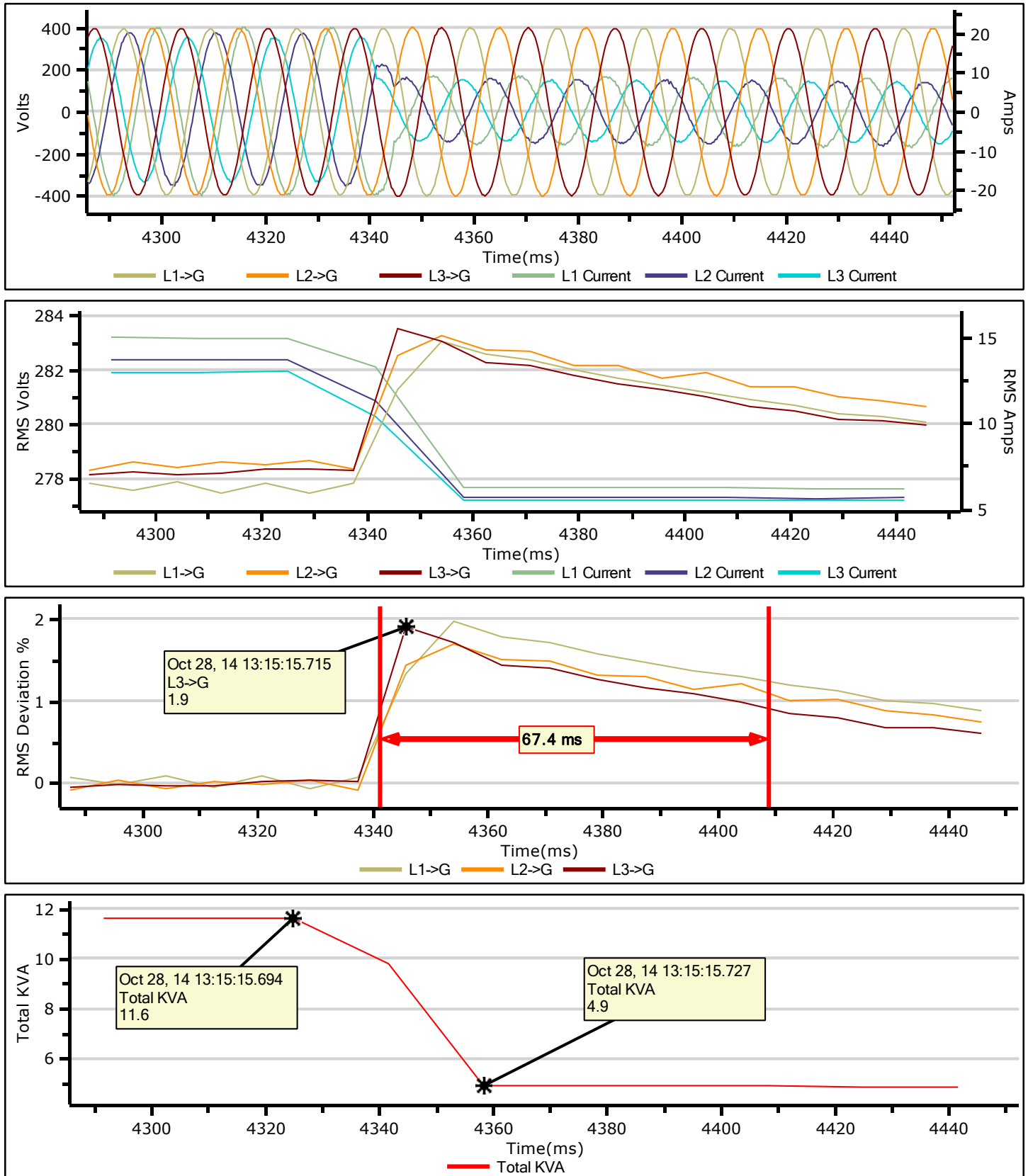


Waveform Capture

11/11/2014

Site:

Event 682 - Tuesday, Oct 28, 2014 13:15:11
30% - 0% Step





0-60%

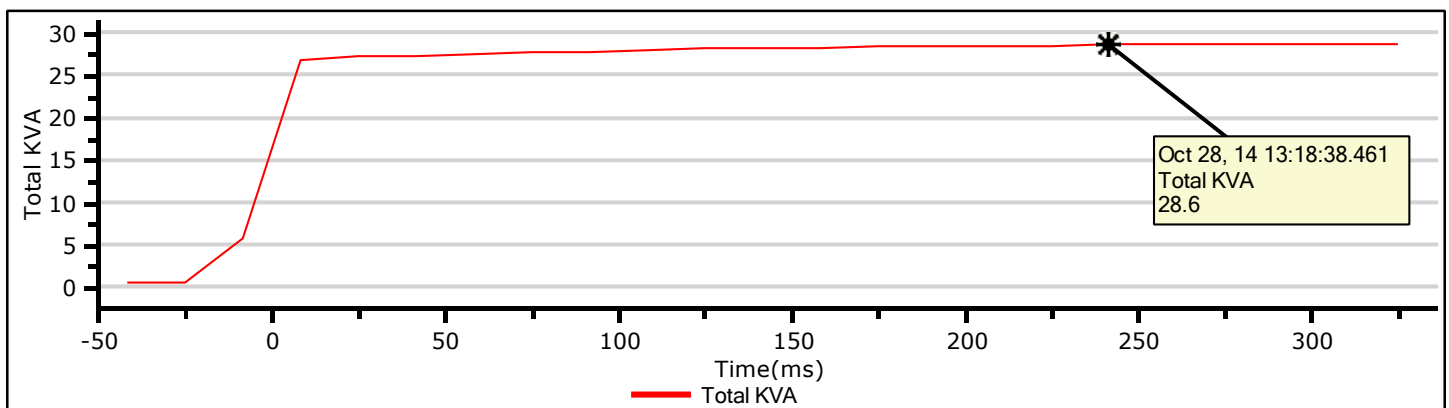
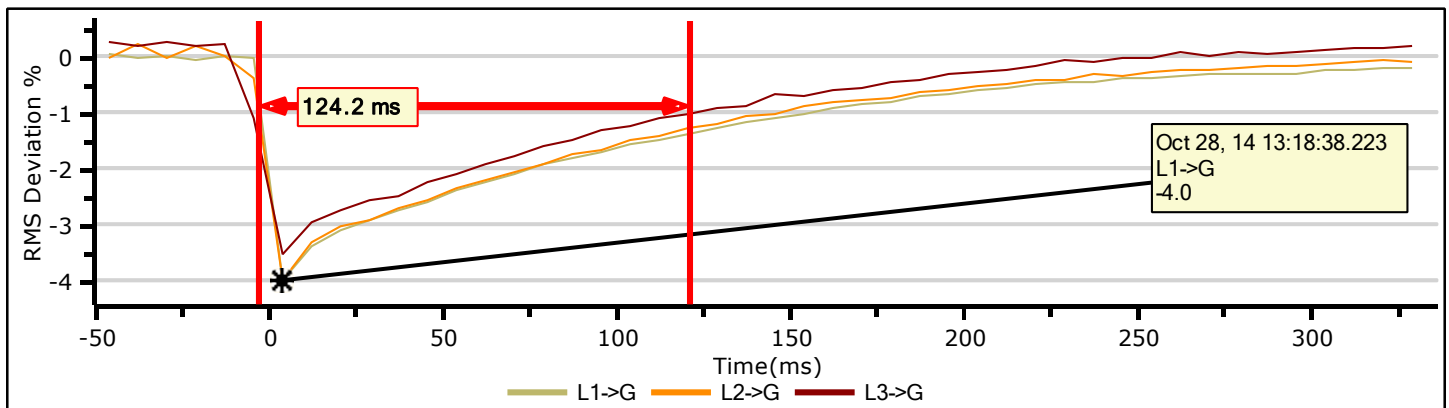
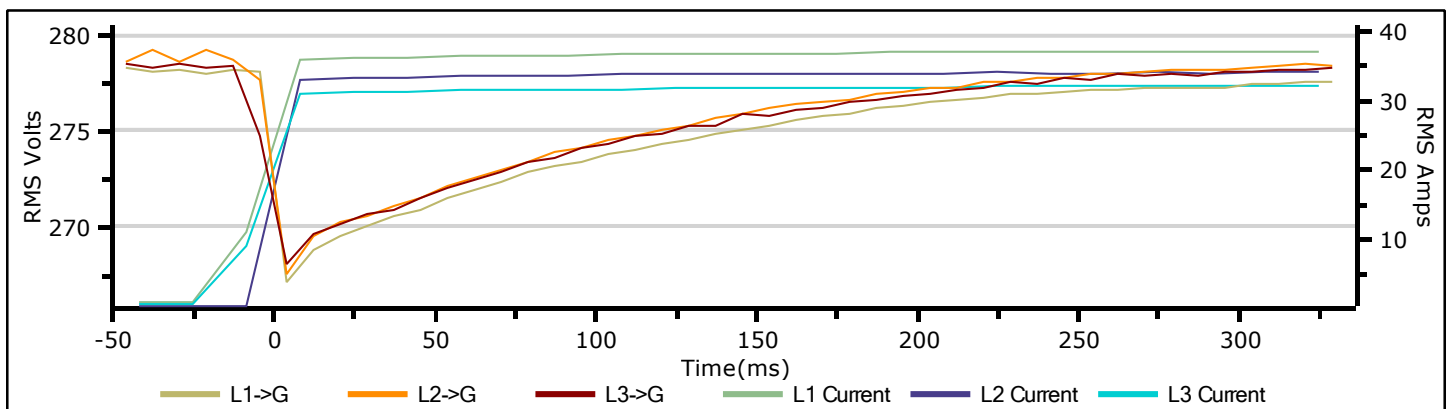
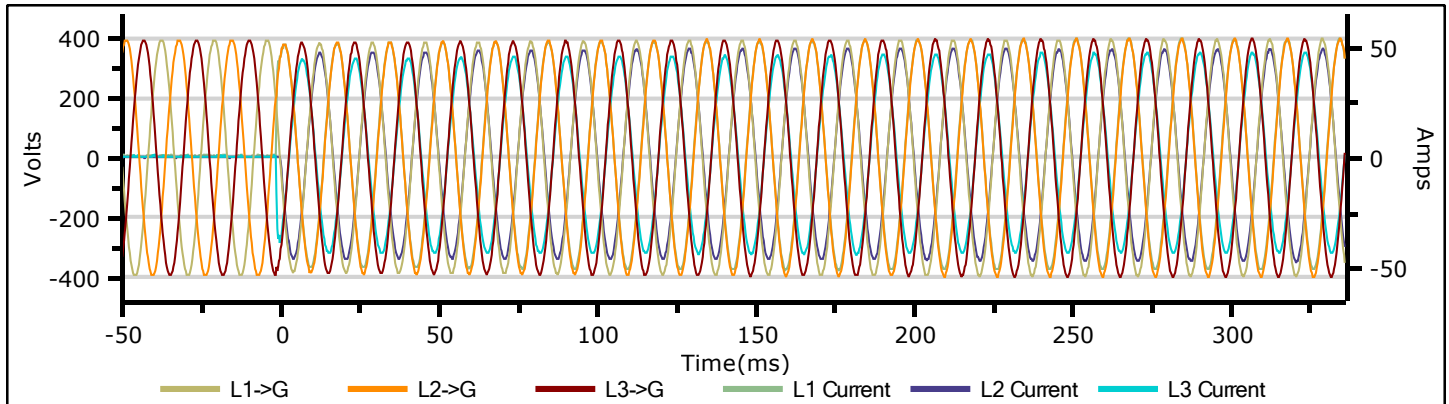


Waveform Capture

11/11/2014

Site:

Event 704 - Tuesday, Oct 28, 2014 13:18:38
0% - 67% Step



60-0%

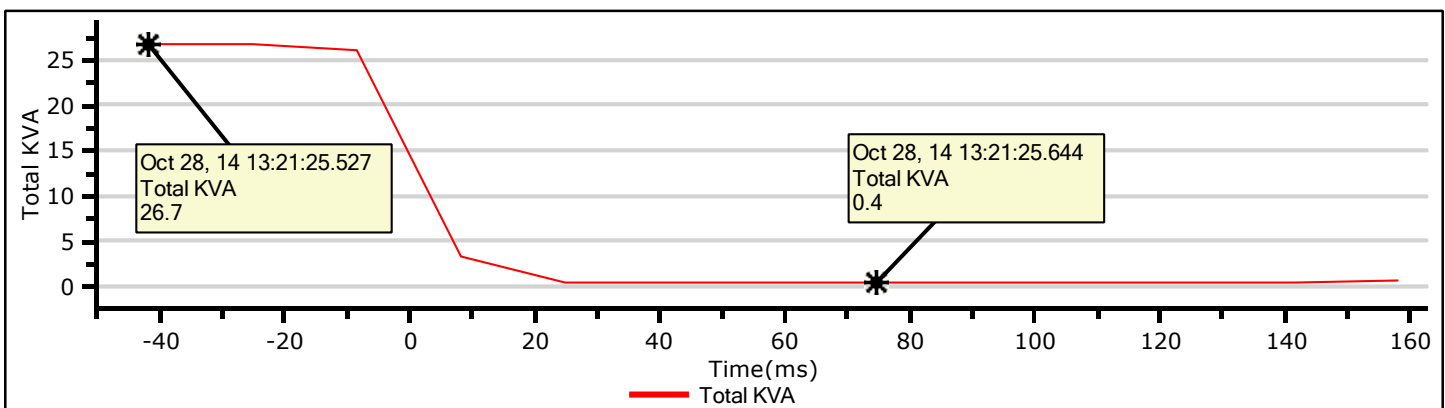
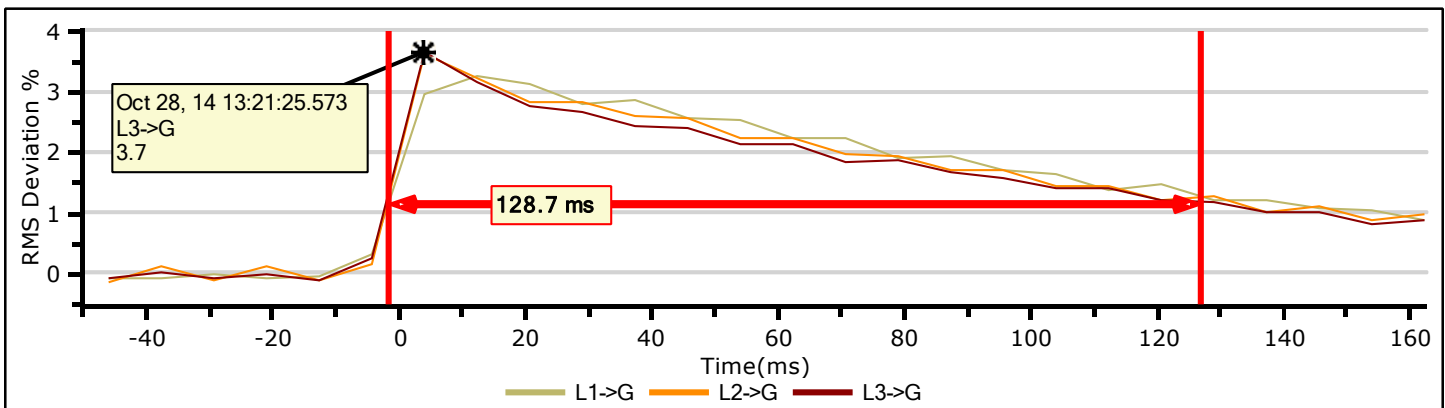
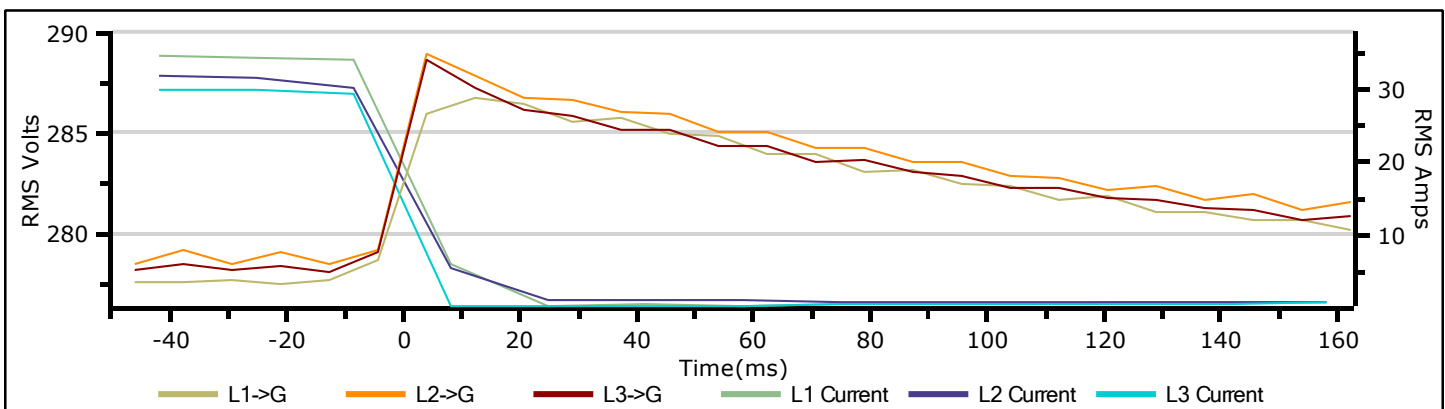
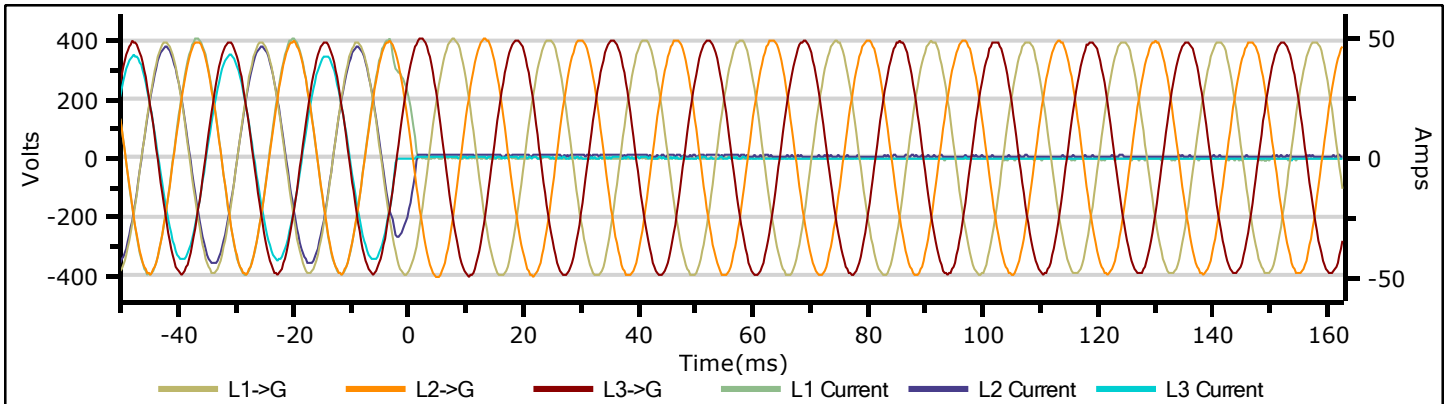


Waveform Capture

11/11/2014

Site:

Event 718 - Tuesday, Oct 28, 2014 13:21:25
67% - 0%





0% -50% -106%

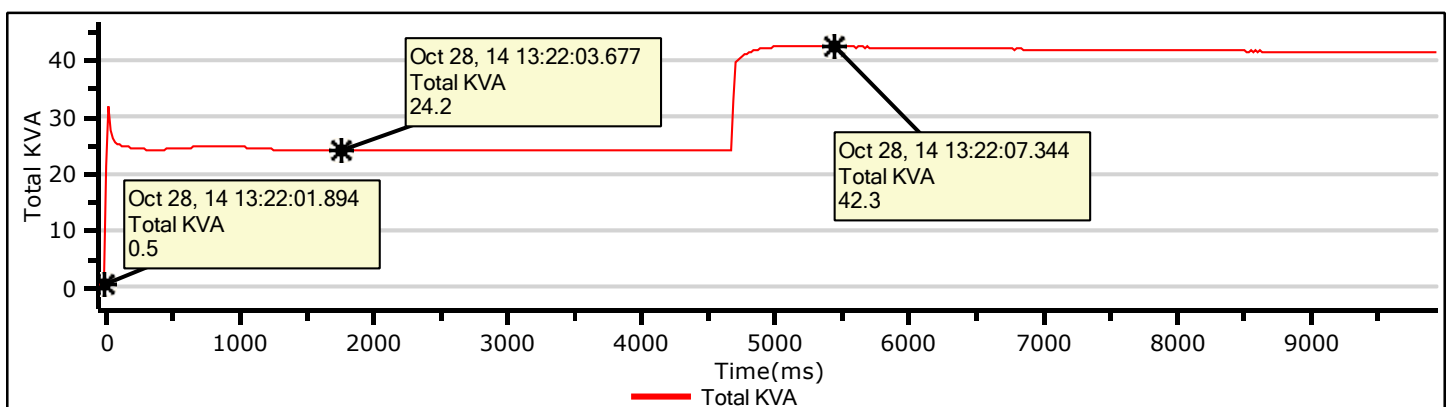
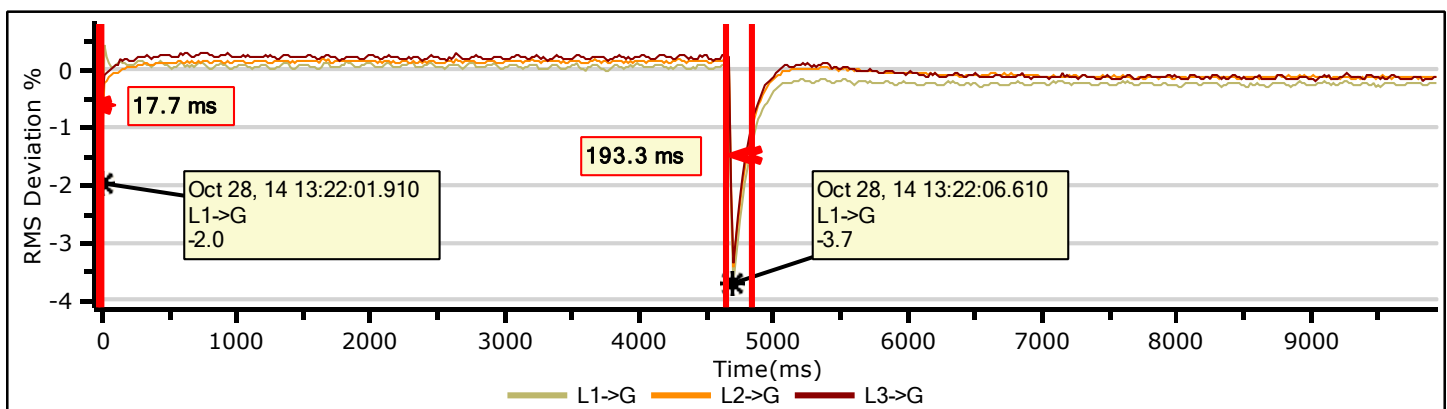
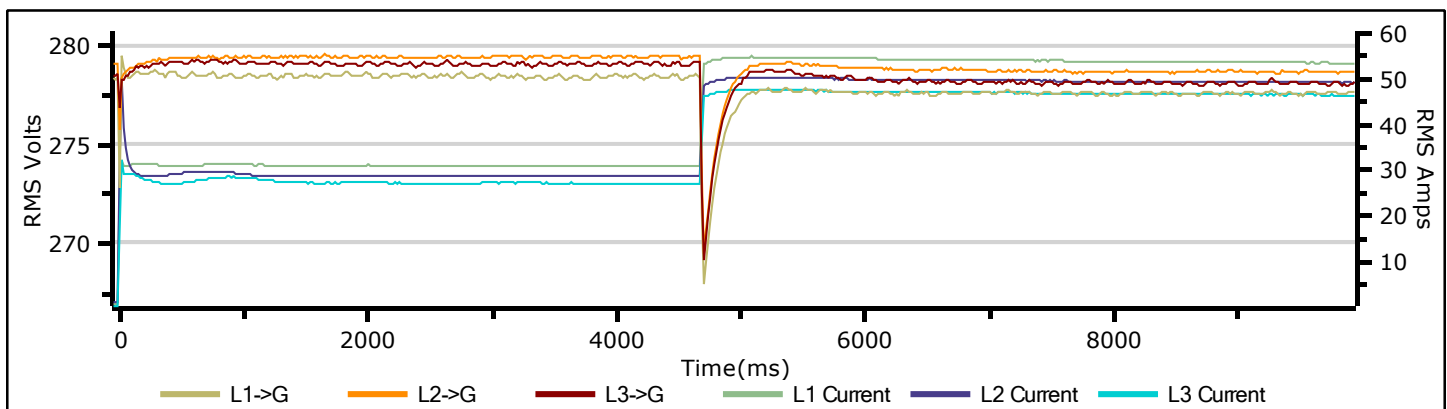
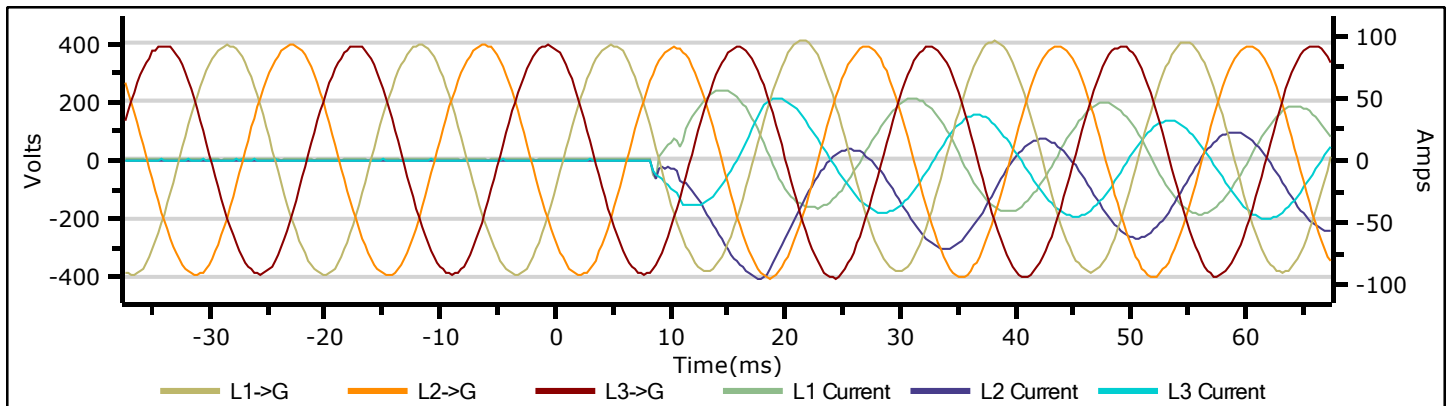


Waveform Capture

11/11/2014

Site:

Event 725 - Tuesday, Oct 28, 2014 13:22:01
0% - 50% - 106%



102-60%

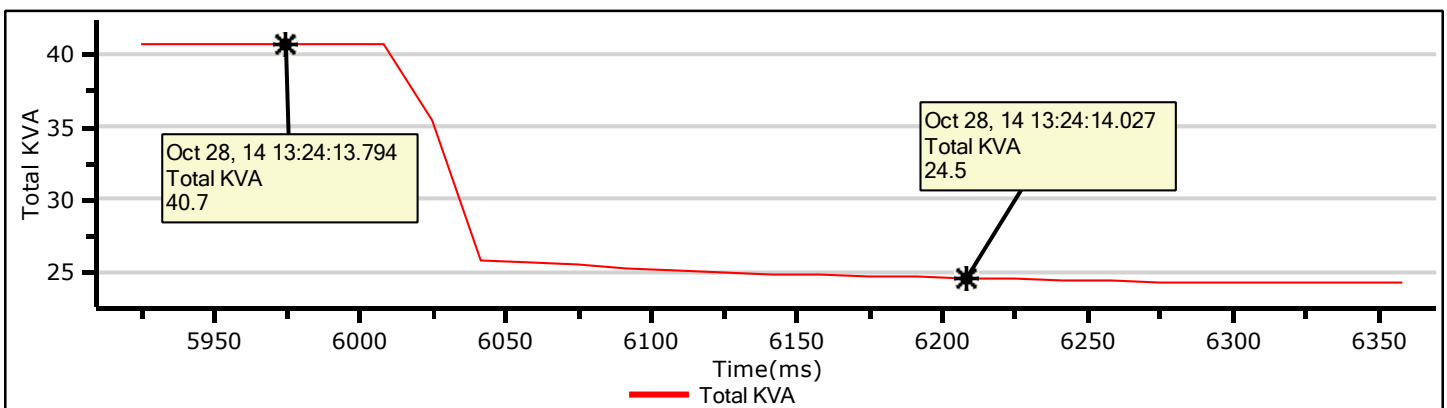
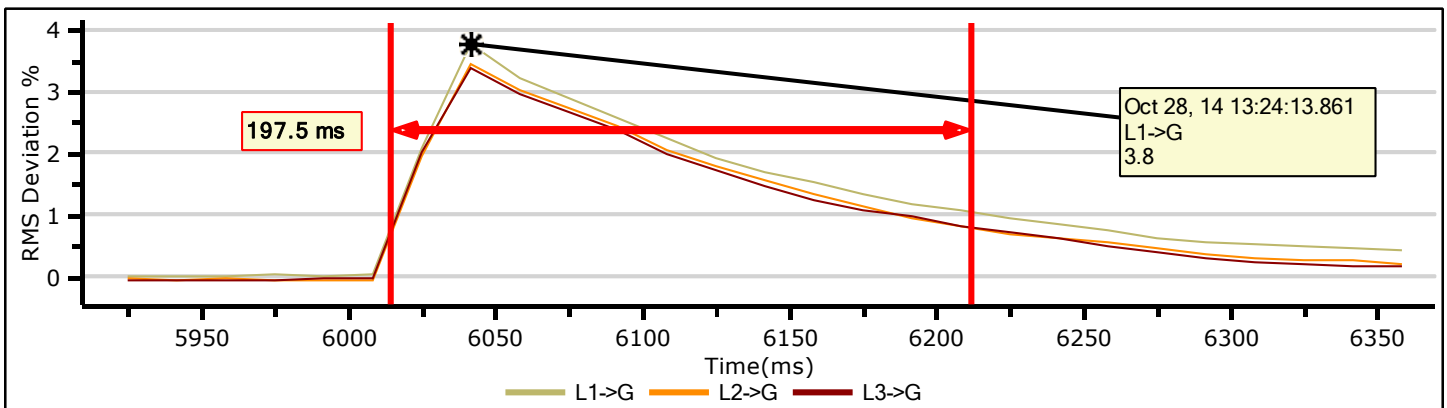
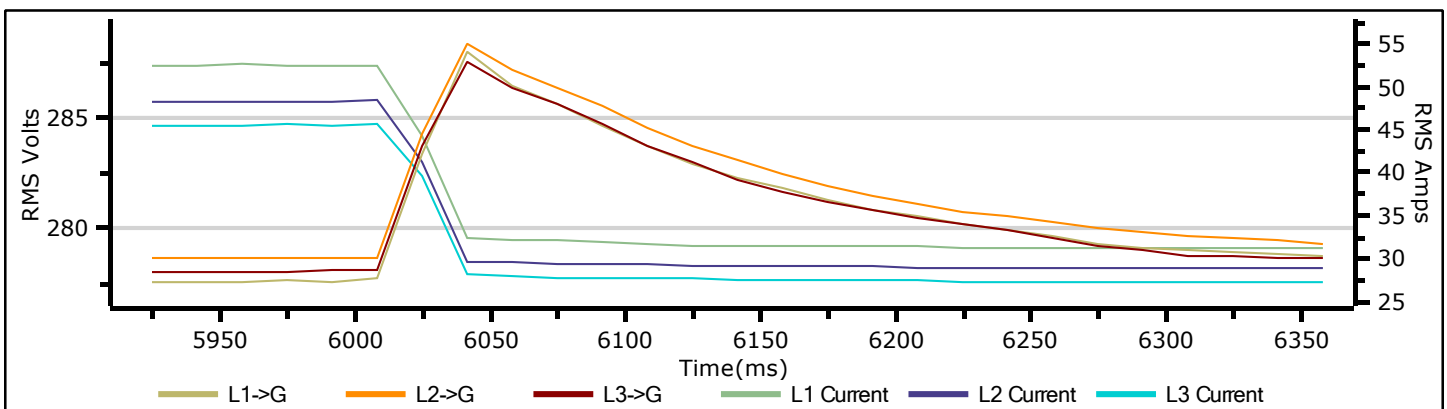
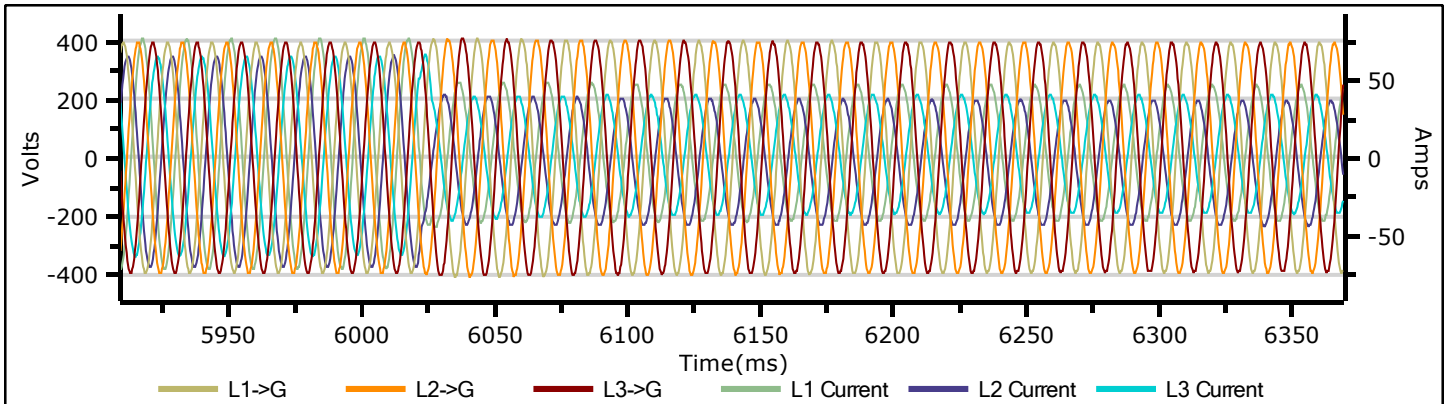


Waveform Capture

11/11/2014

Site:

Event 741 - Tuesday, Oct 28, 2014 13:24:07
102% - 60%







Waveform Capture

11/11/2014

Site:

Event 751 - Tuesday, Oct 28, 2014 13:24:20
60% - 0%

