



Instrument Information

Model Number	435-II
Serial Number	41183106
Firmware Revision	V05.04

Software Information

Power Log Version	5.4
FLUKE 430-II DLL Version	1.2.0.13

General Information

Recording location	MAIN ATS, 1250A
Client	MAYNILAD AYALA ALABANG R1P
Notes	

Measurement Summary

Measurement topology	3-element delta mode
Application mode	Logger
First recording	2/1/2019 11:47:08 PM 6msec
Last recording	2/2/2019 11:37:08 PM 6msec
Recording interval	0h 10m 0s 0msec
Nominal Voltage	480 V
Nominal Current	1250 A
Nominal Frequency	60 Hz
File start time	2/1/2019 11:37:08 PM 6msec
File end time	2/2/2019 11:37:08 PM 6msec
Duration	1d 0h 0m 0s 0msec
Number of events	Normal: 0 Detailed: 0
Events downloaded	No
Number of screens	0
Screens downloaded	Yes
Power measurement method	Unified
Cable type	Copper
Harmonic scale	%H1
THD mode	THD 40
CosPhi / DPF mode	DPF

Scaling

Phase:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	1250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1
Neutral:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	1250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1

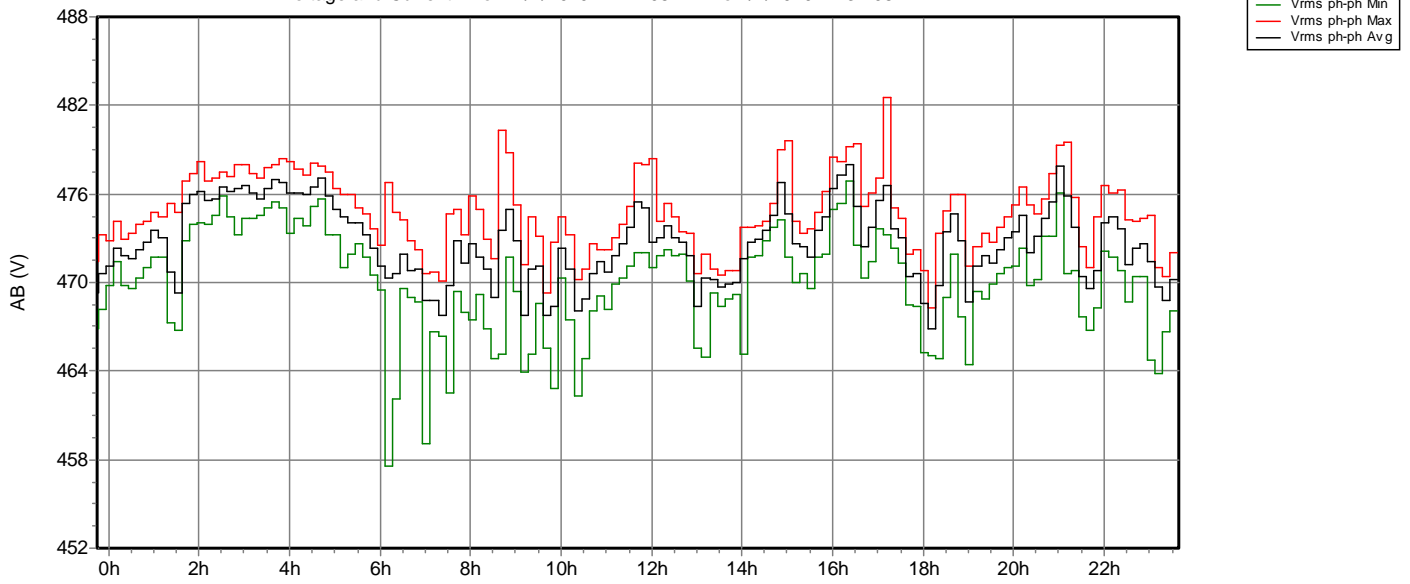
Recording Summary

RMS recordings	144
DC recordings	0
Frequency recordings	144
Unbalance recordings	144
Harmonic recordings	144
Power harmonic recordings	144
Power recordings	144
Power unbalance recordings	0
Energy recordings	144
Energy losses recordings	0
Flicker recordings	144
Mains signaling recordings	144

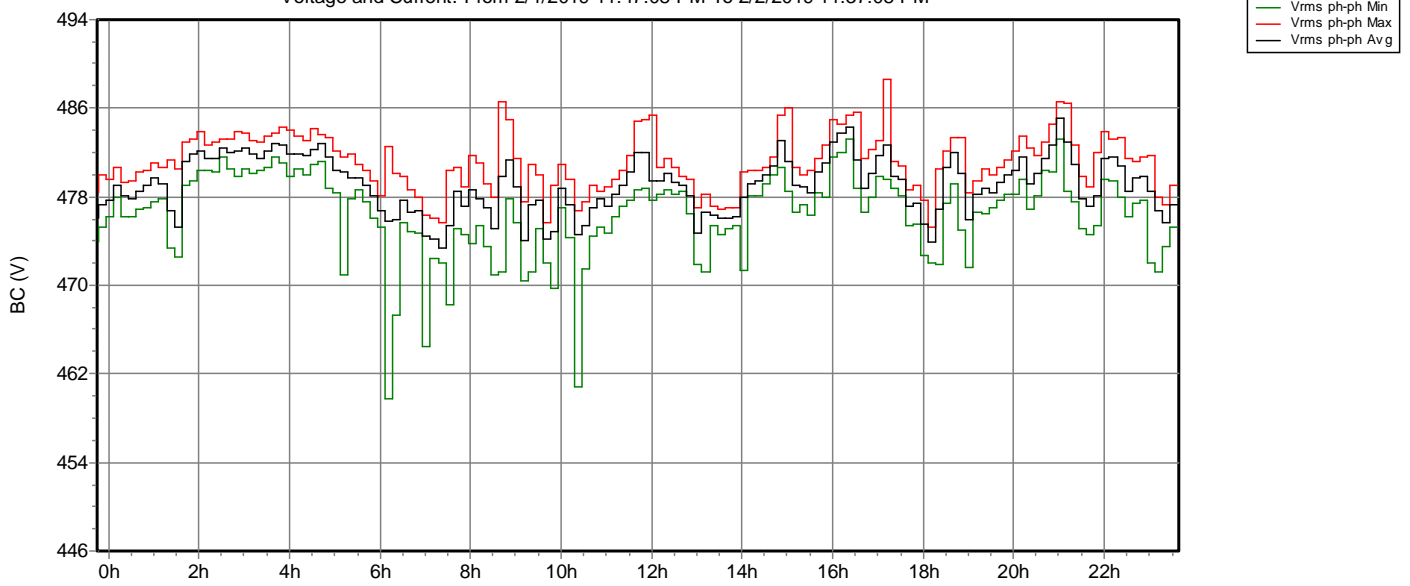
Events Summary

Dips	0
Swells	0
Transients	0
Interruptions	0
Voltage profiles	0
Rapid voltage changes	0
Screens	0
Waveforms	0
Intervals without measurements	0
Inrush current graphics	0
Wave events	0
RMS events	0

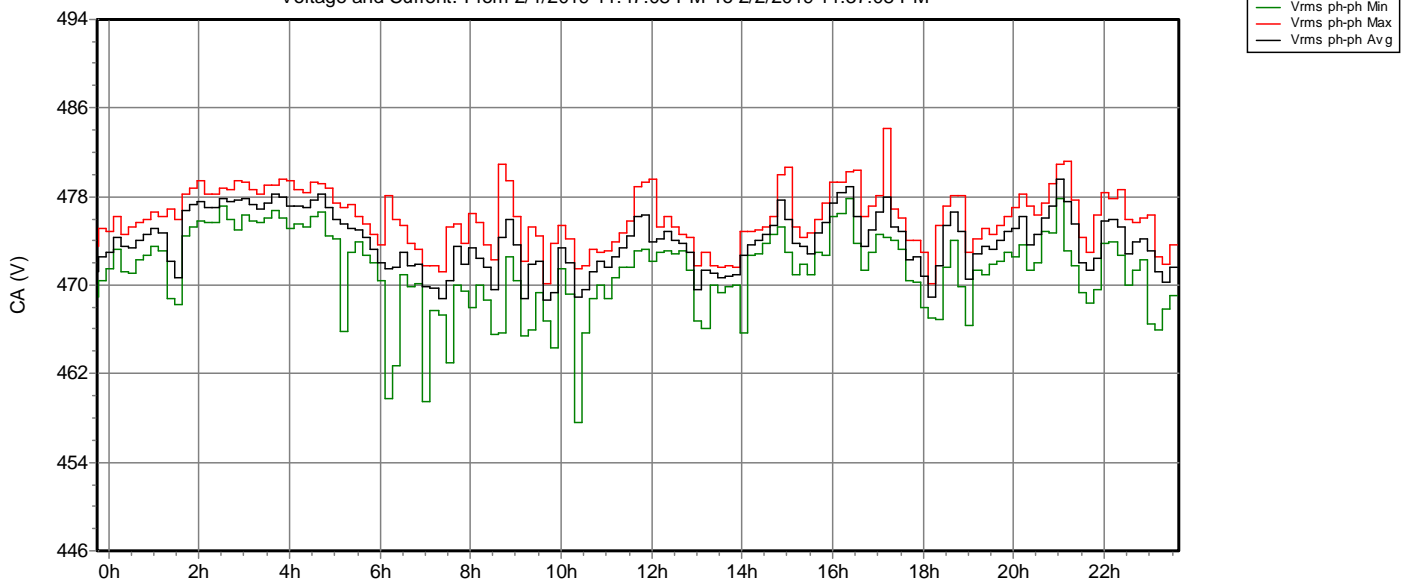
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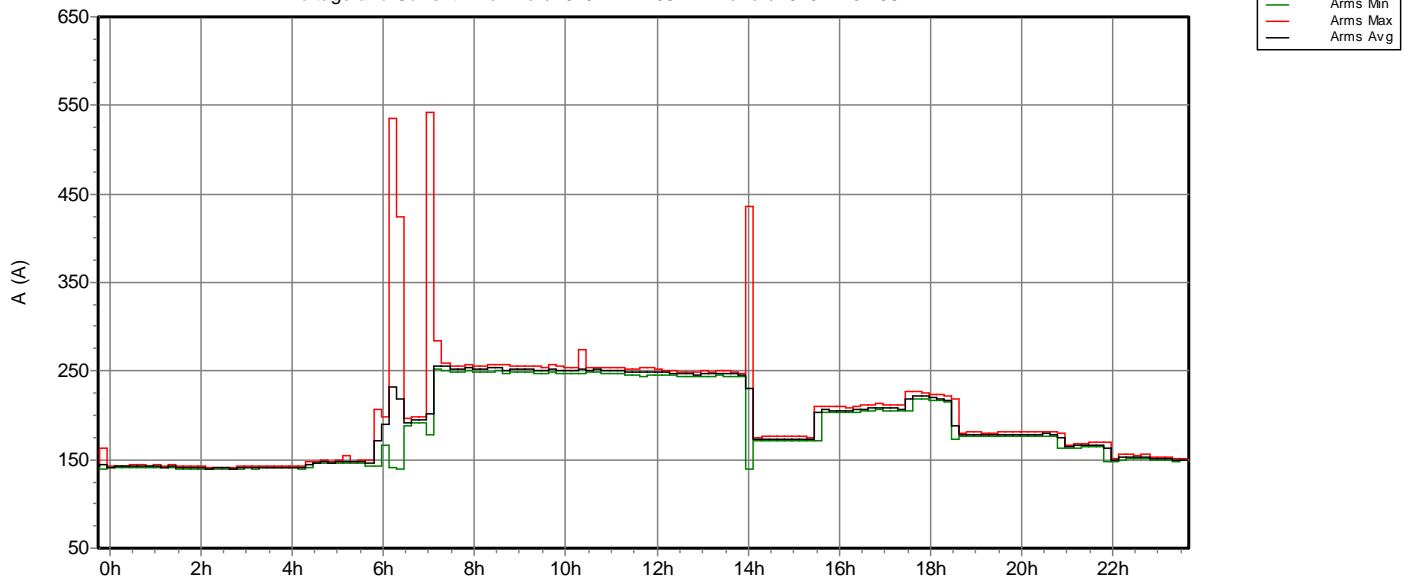
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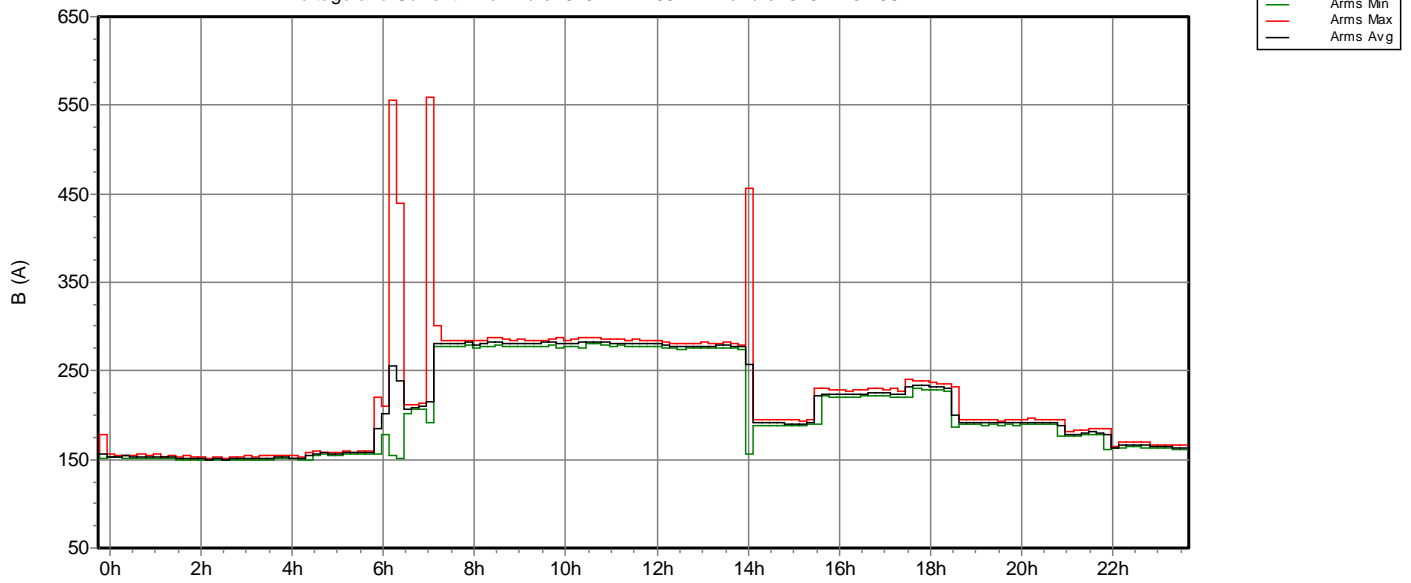
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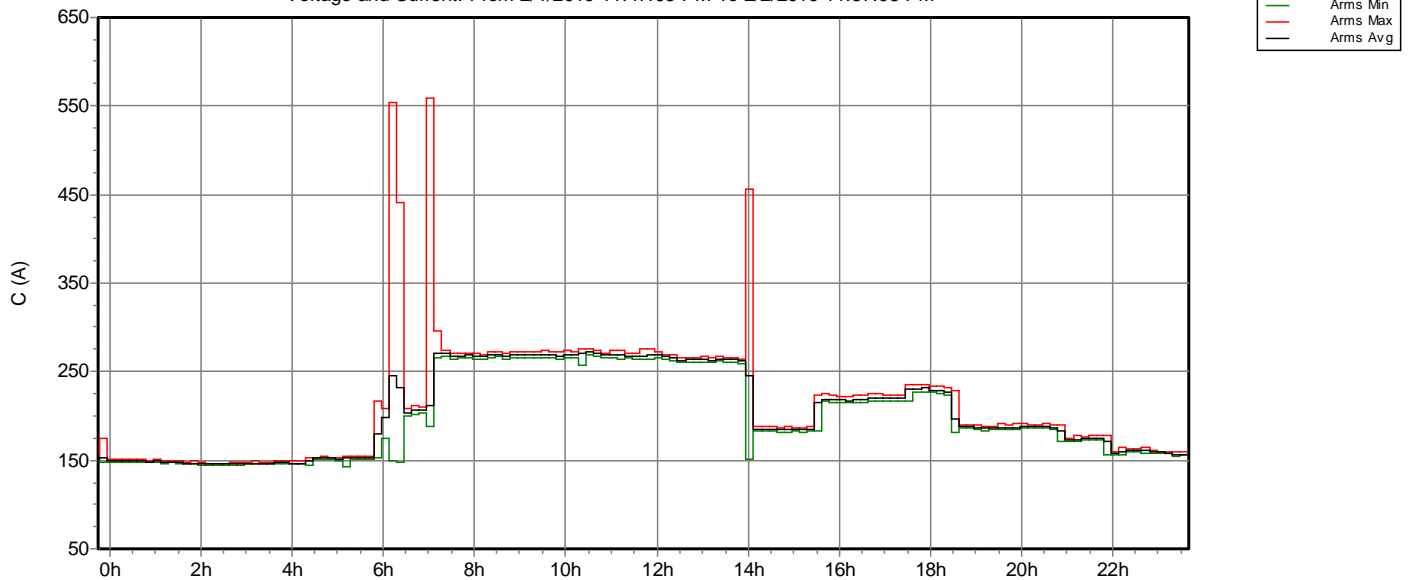
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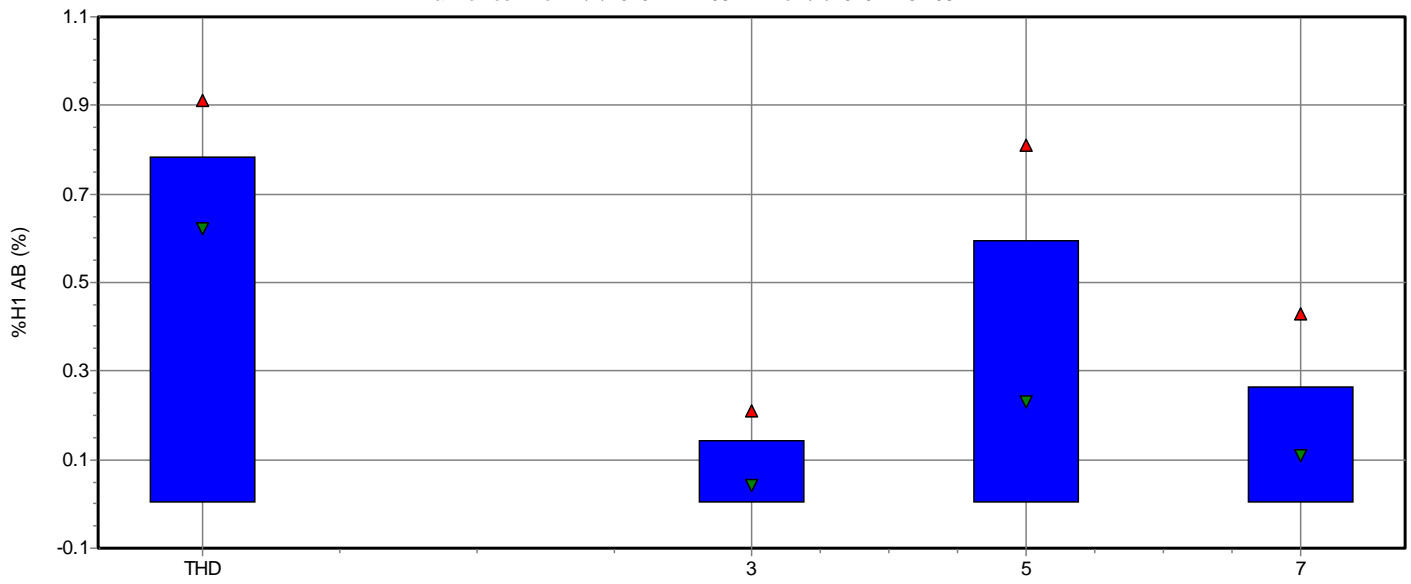
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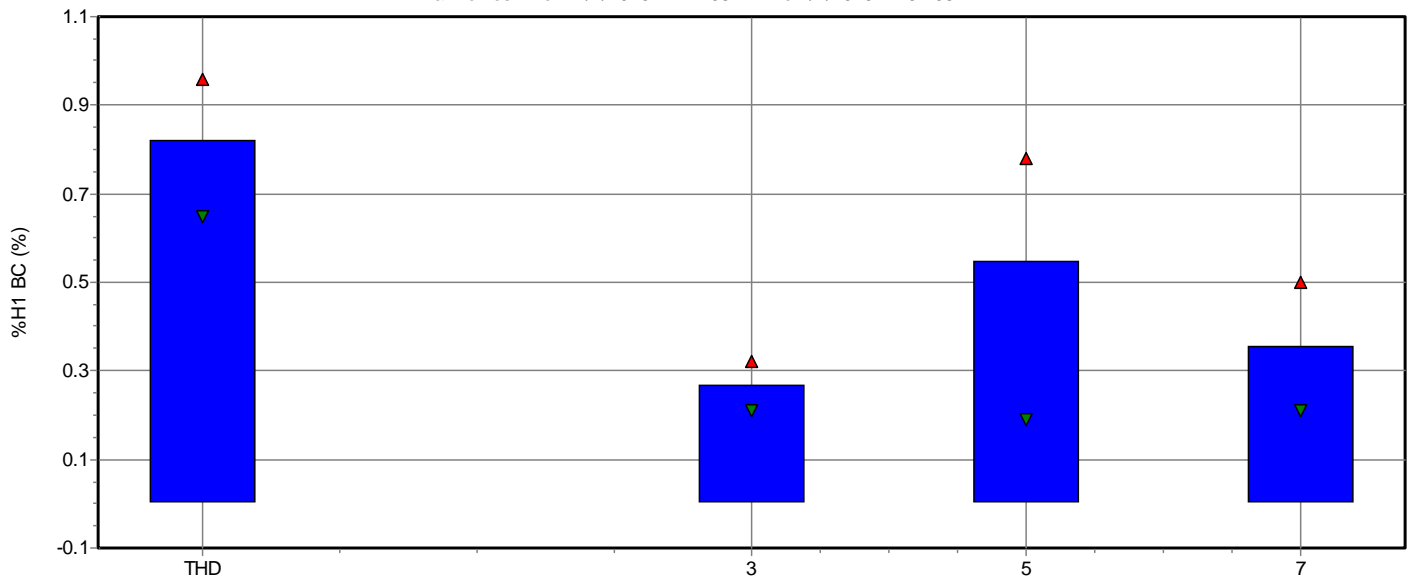
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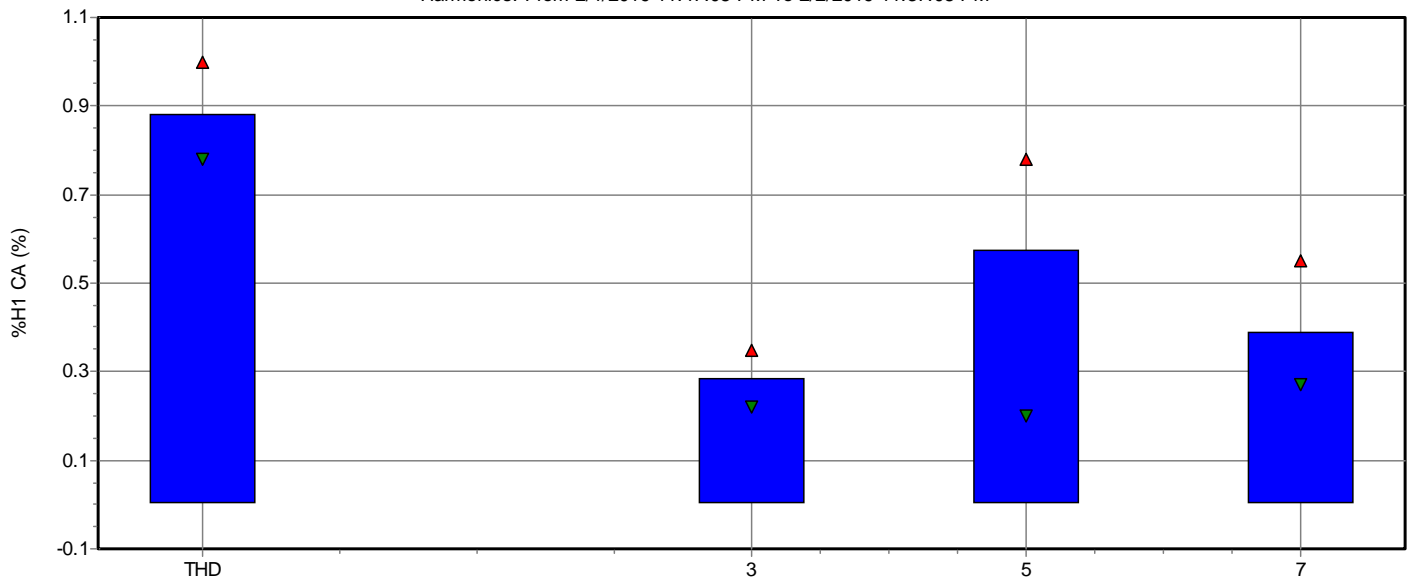
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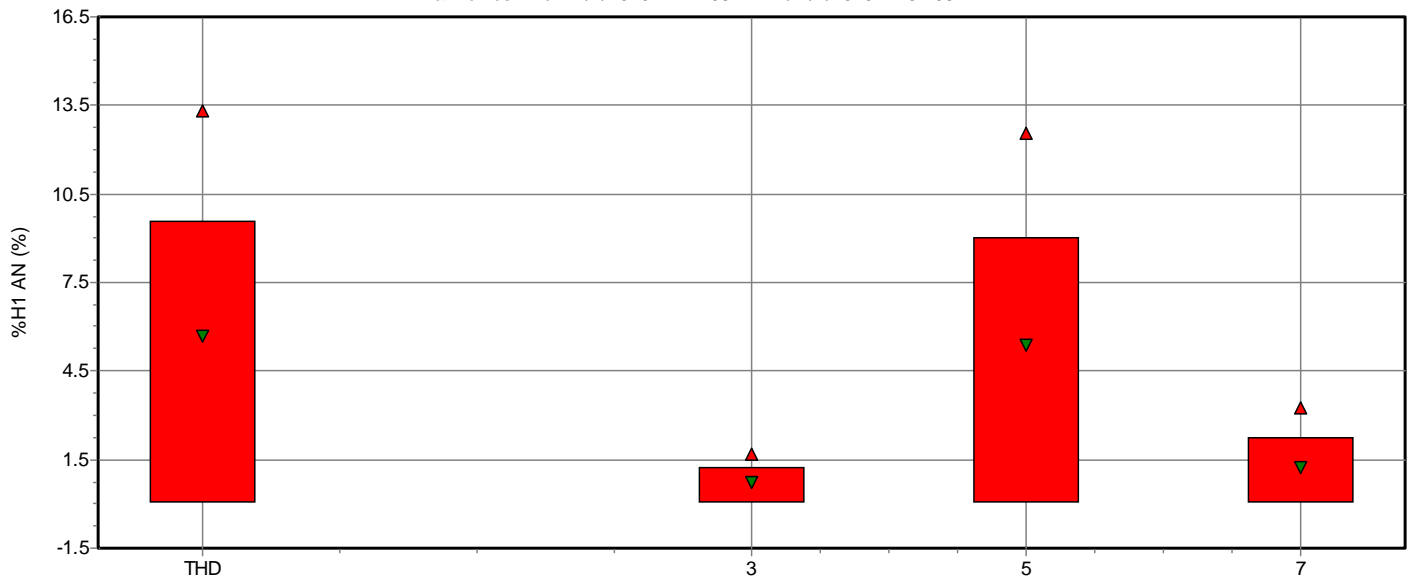
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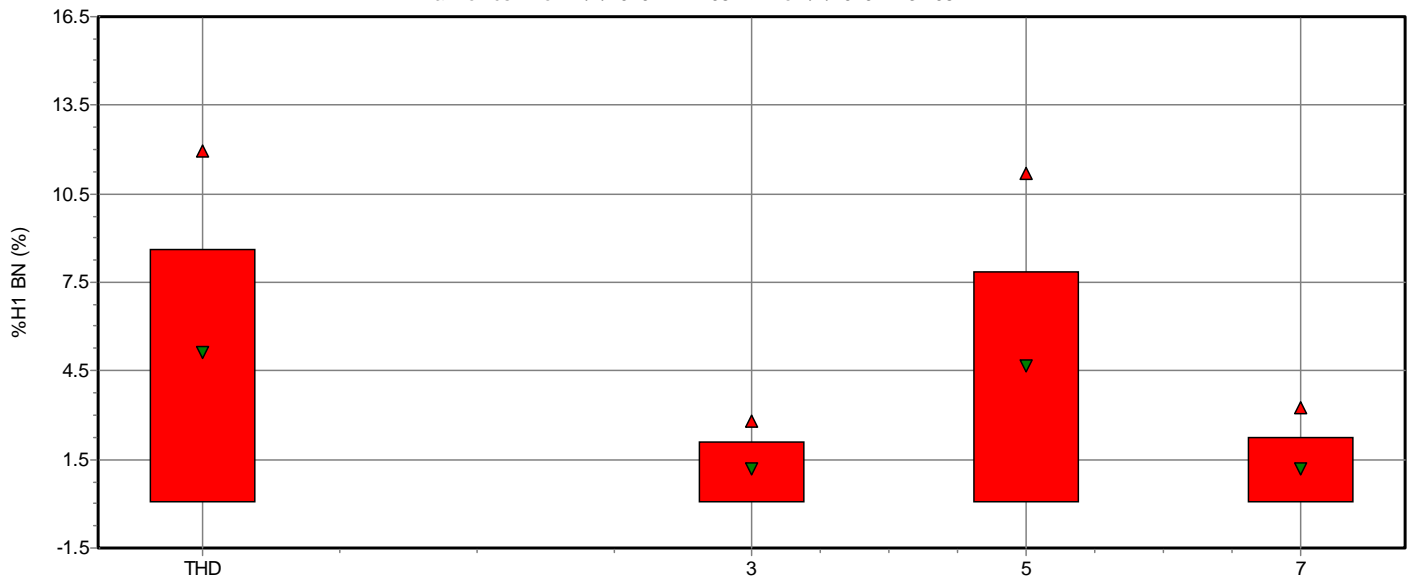
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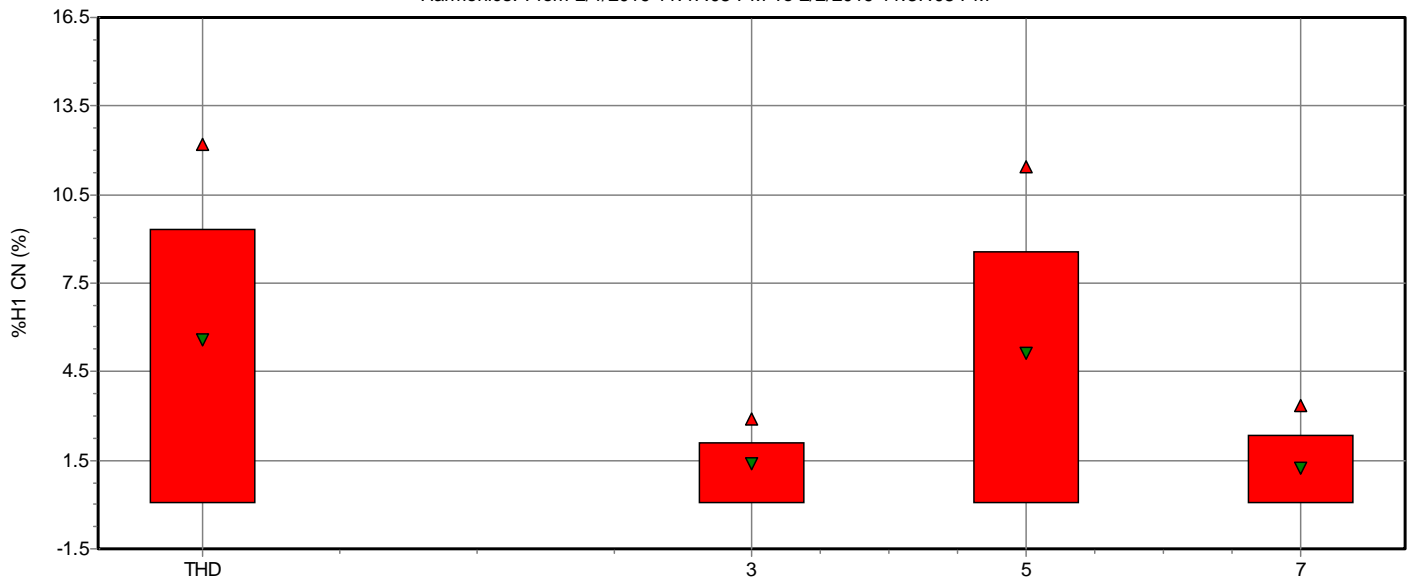
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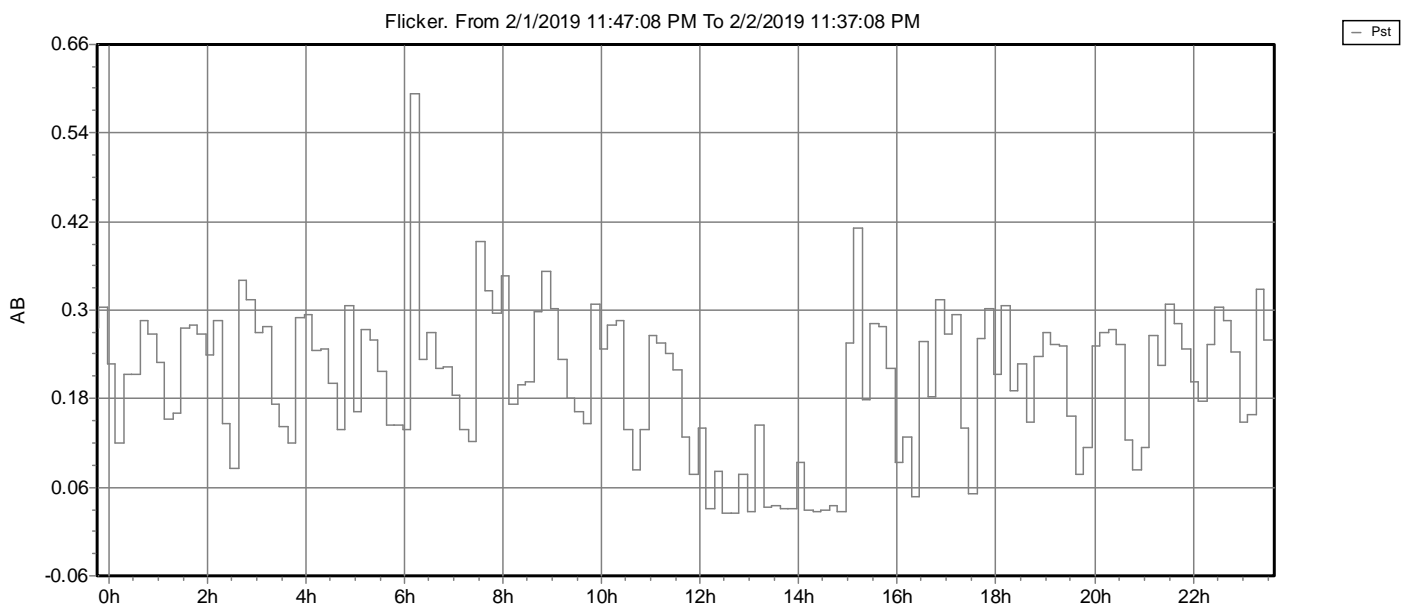
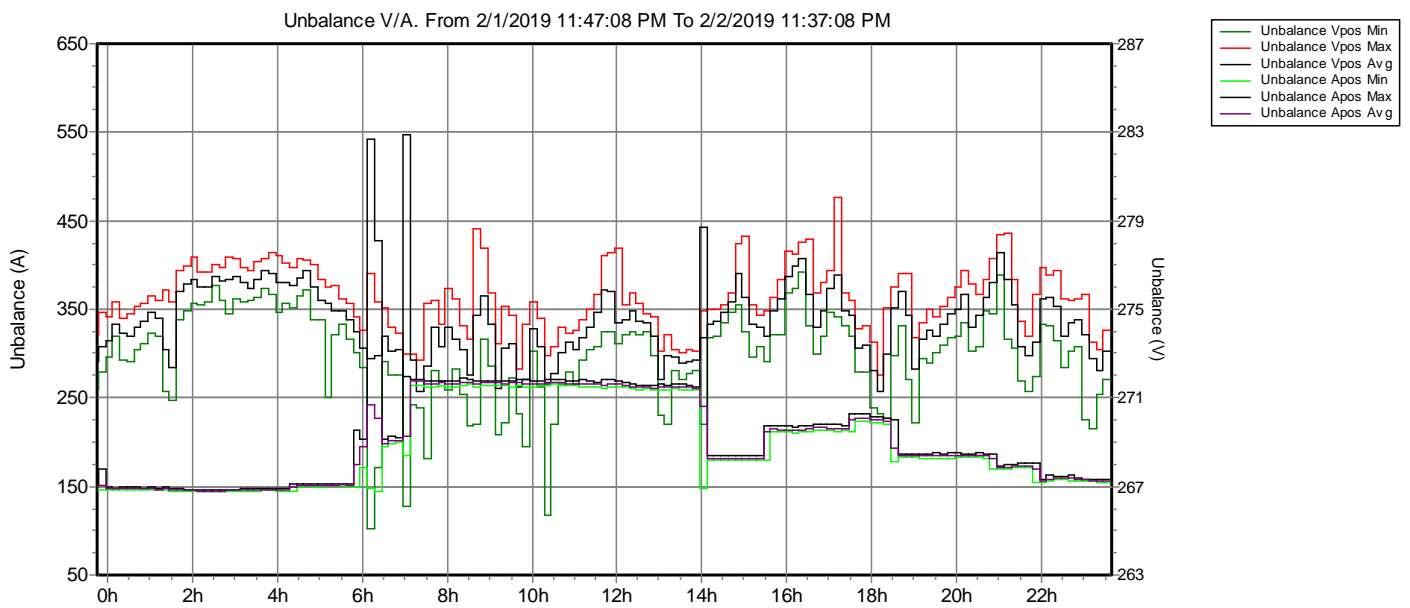
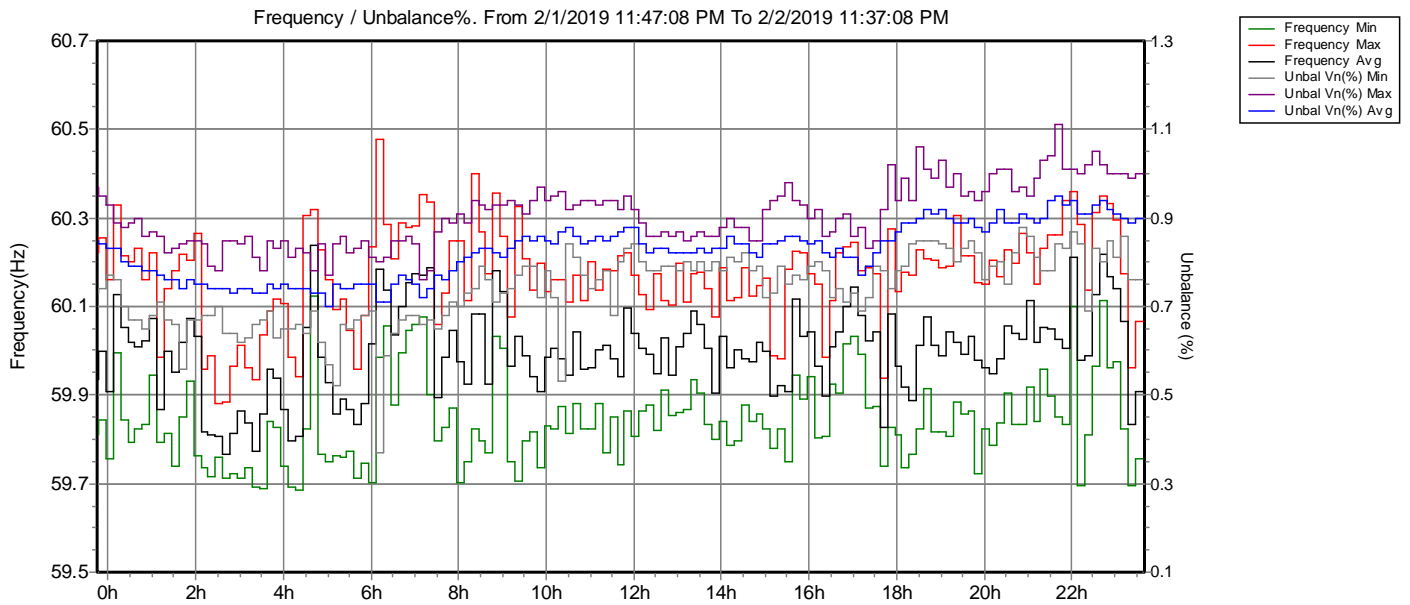


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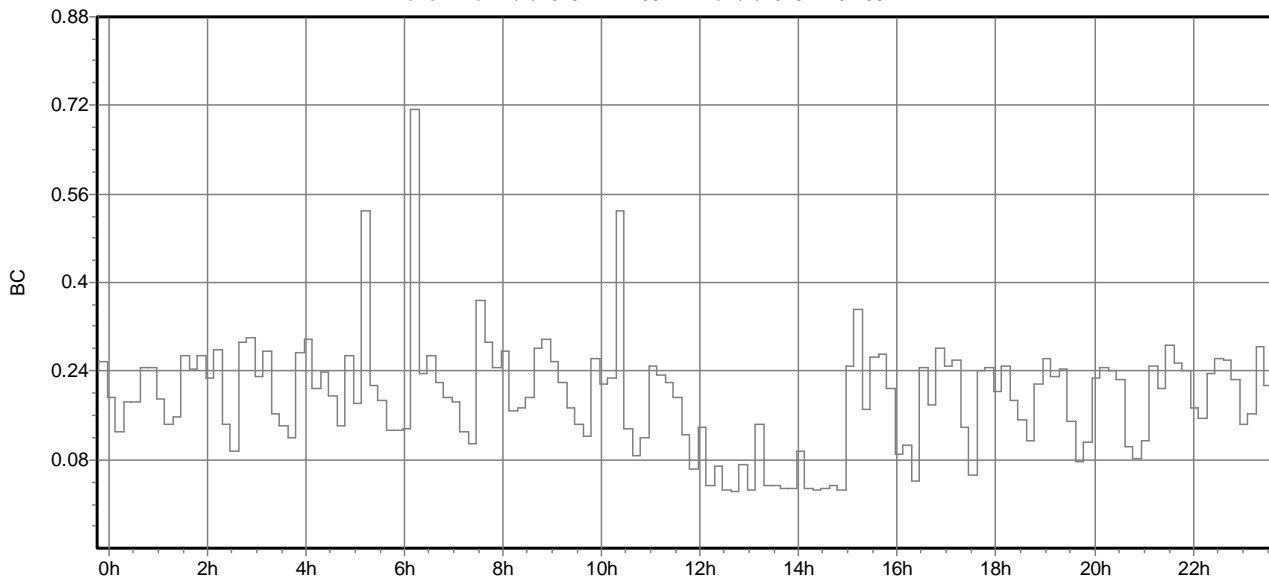


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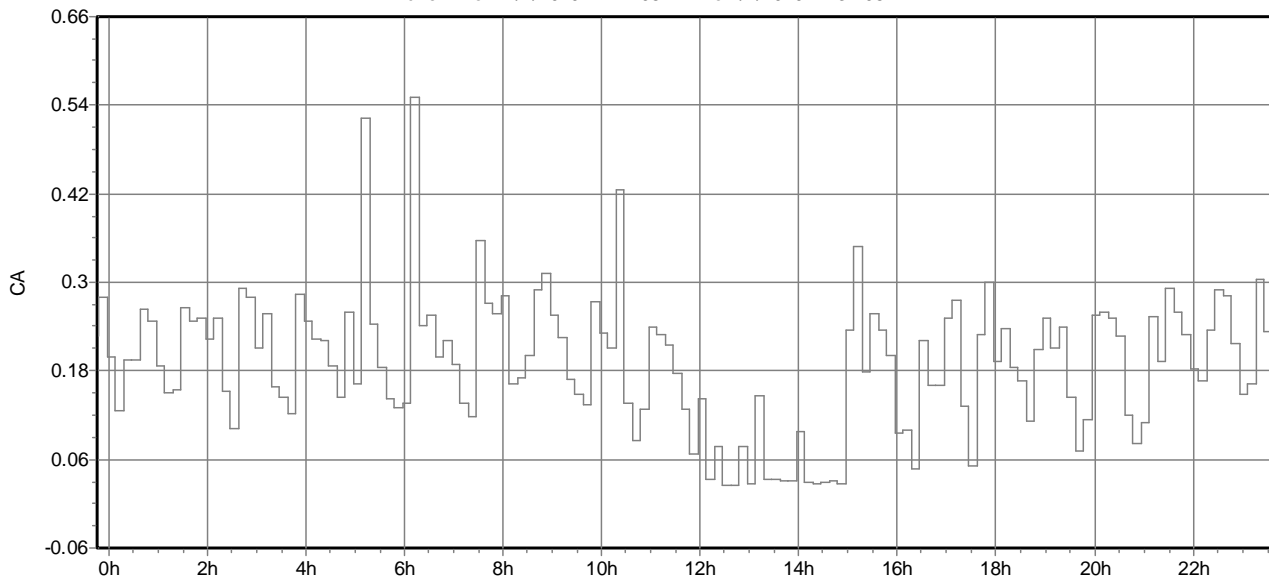




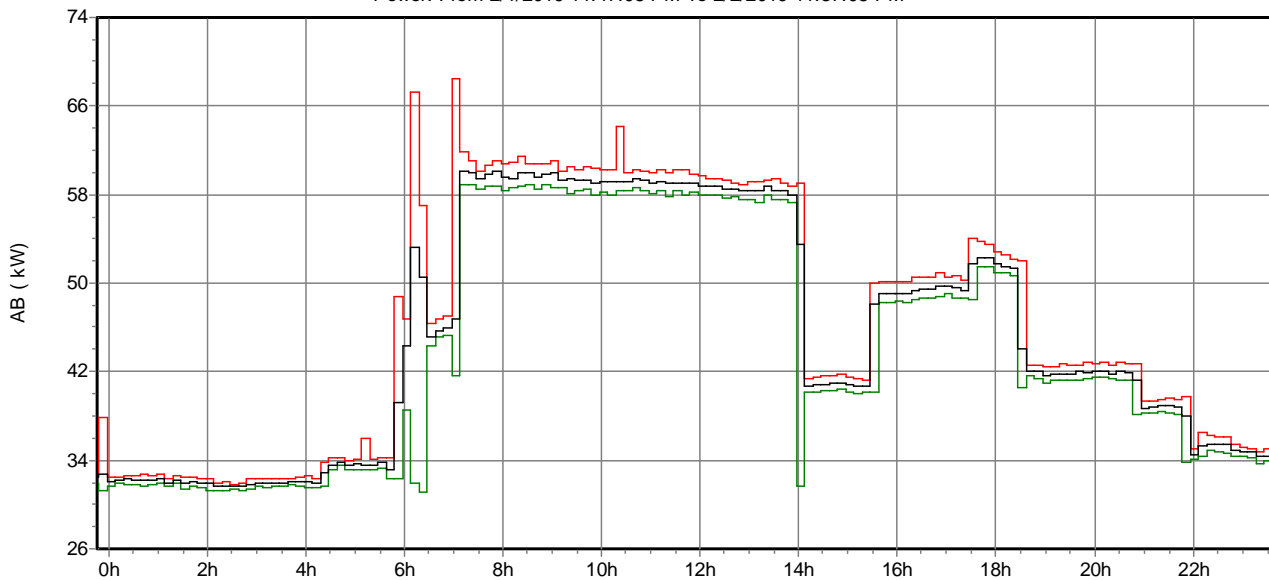
Flicker. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM

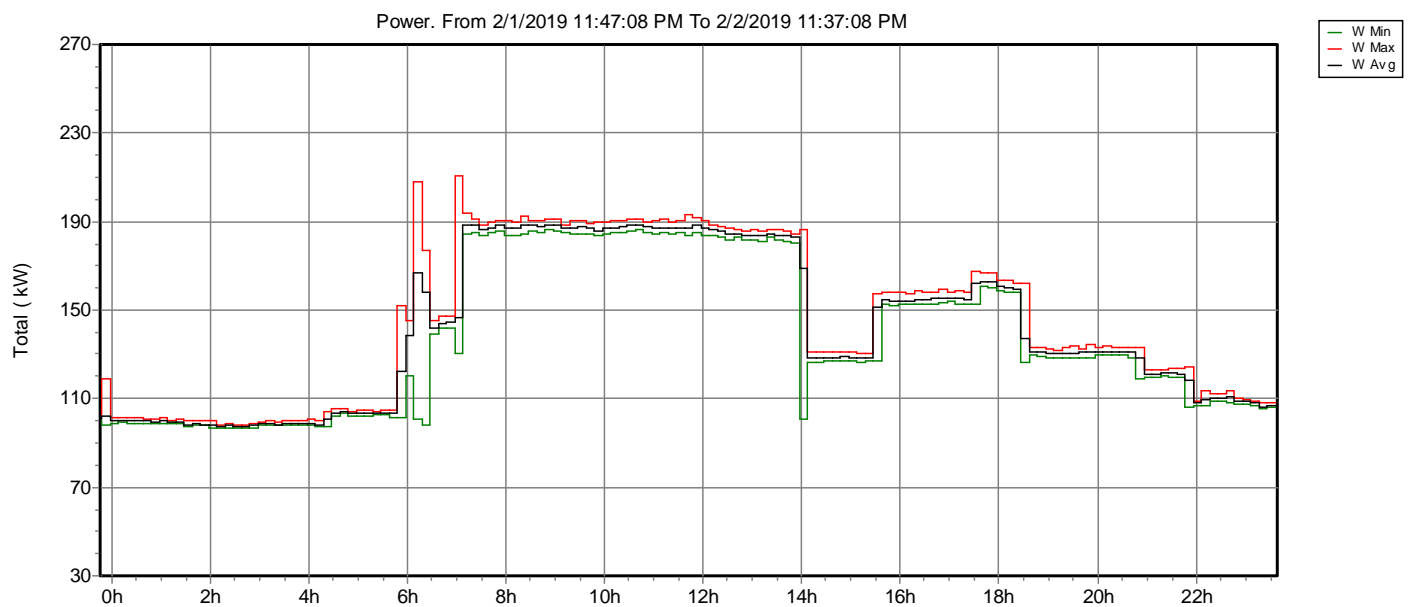
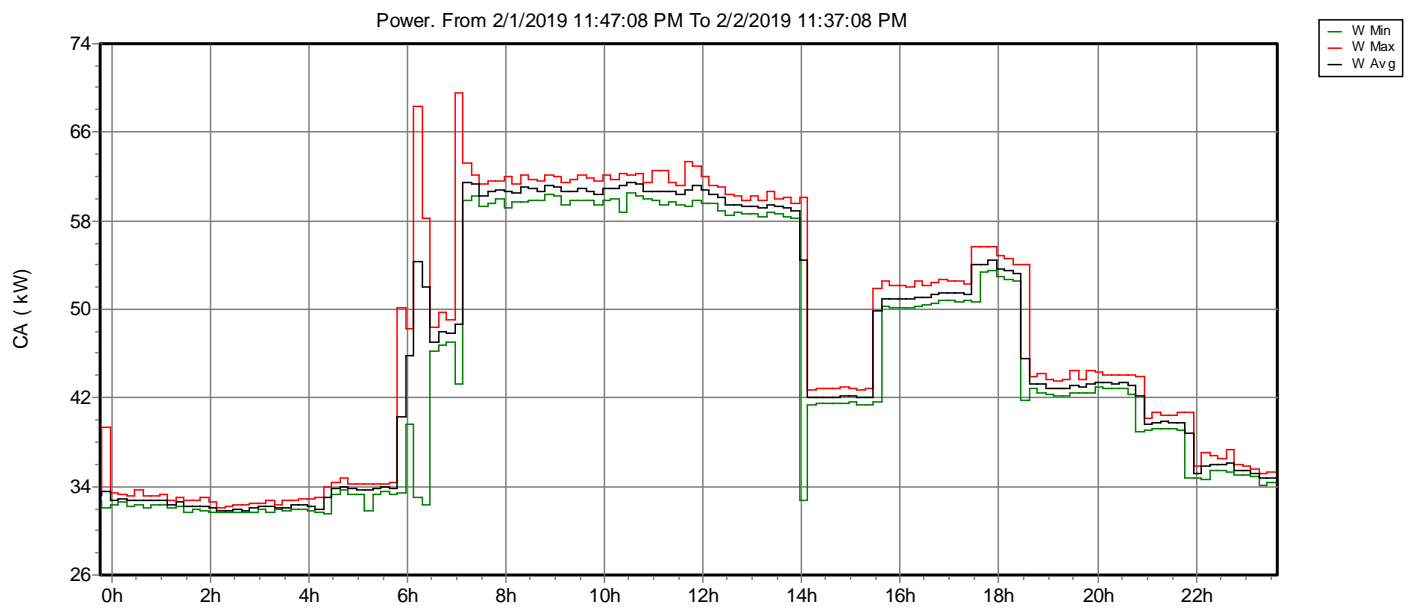
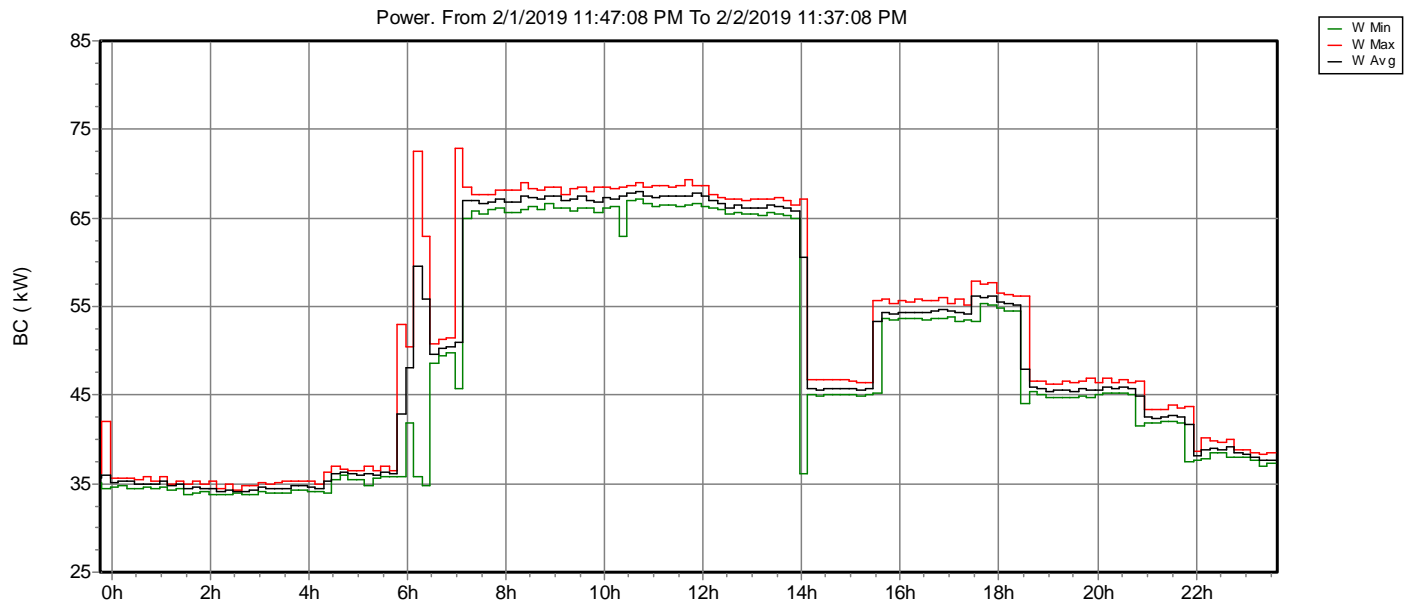


Flicker. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM

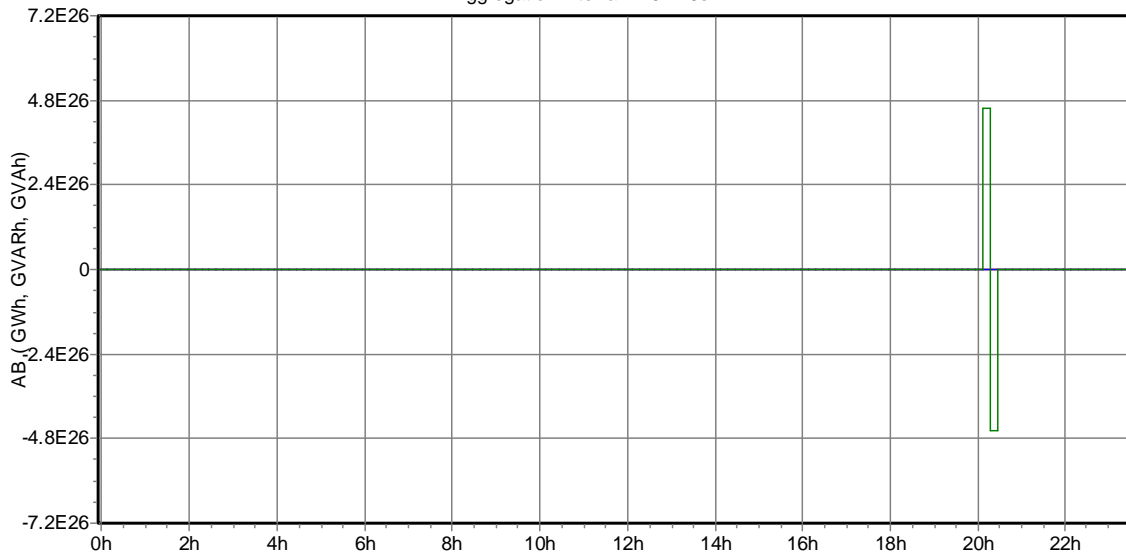


Power. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM

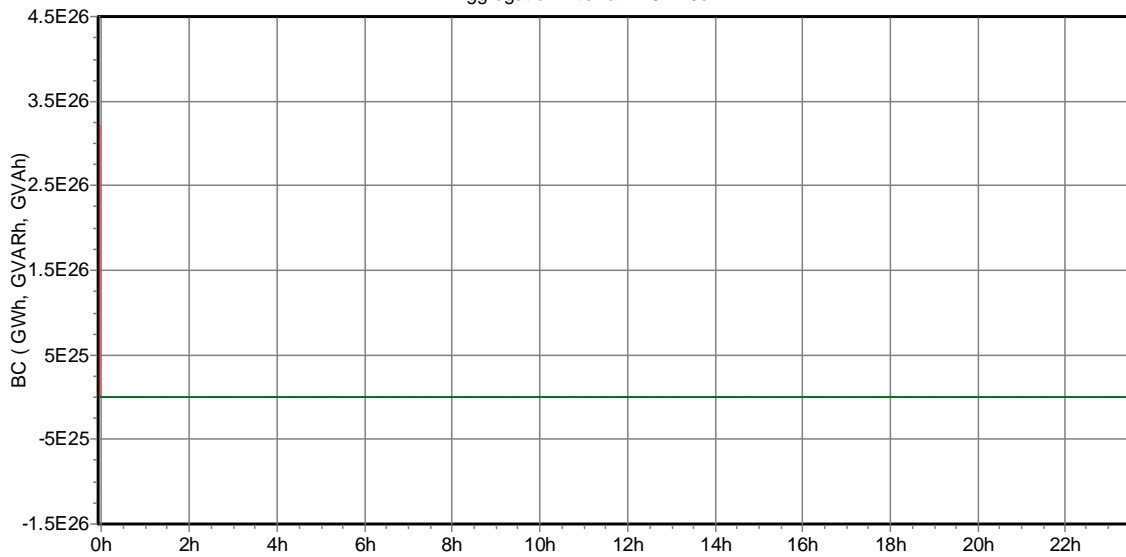




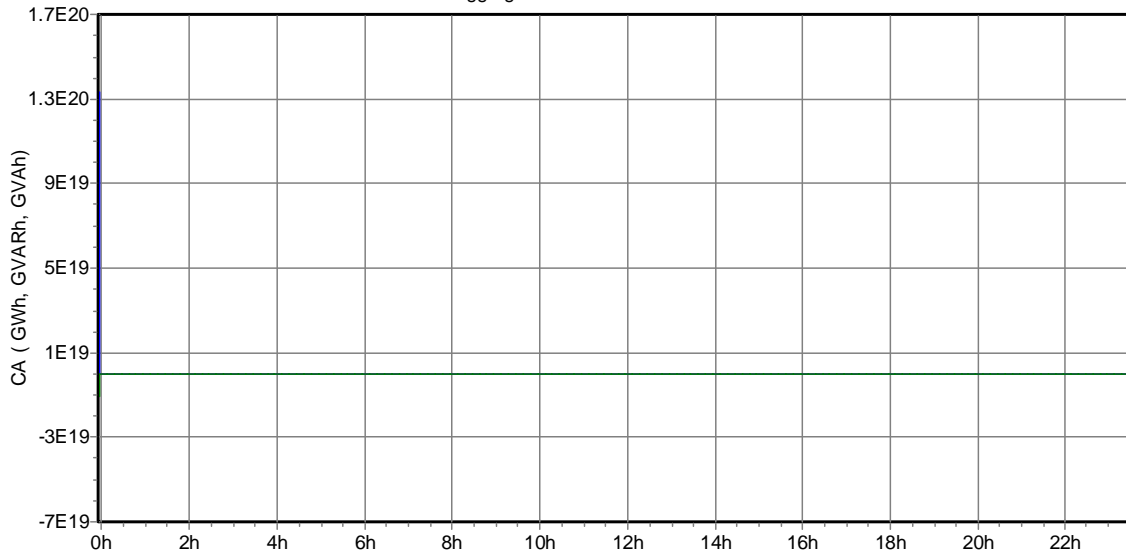
Energy. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM
Aggregation interval: 10m. 0s.



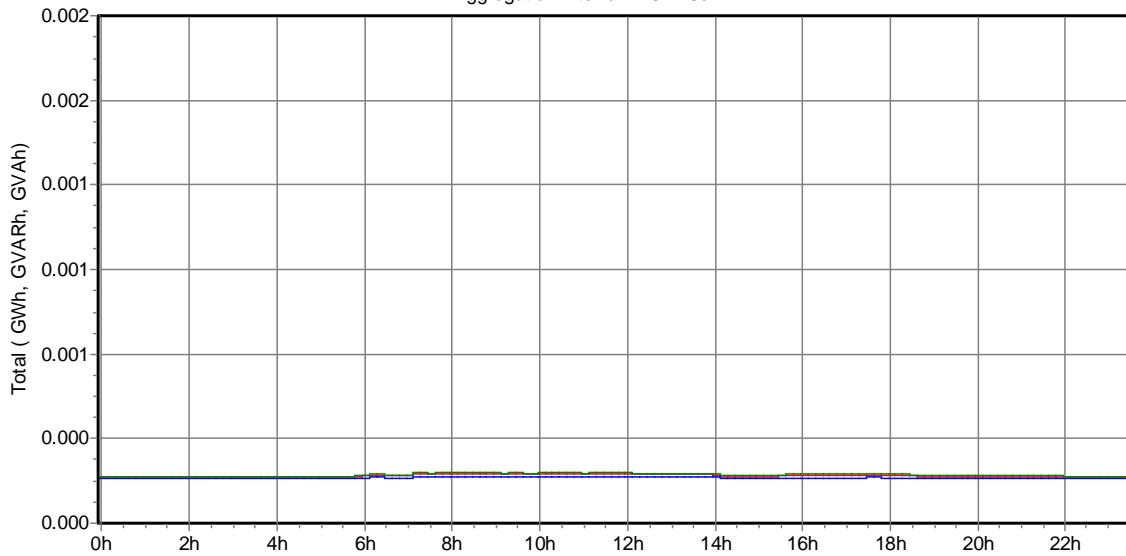
Energy. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM
Aggregation interval: 10m. 0s.



Energy. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM
Aggregation interval: 10m. 0s.

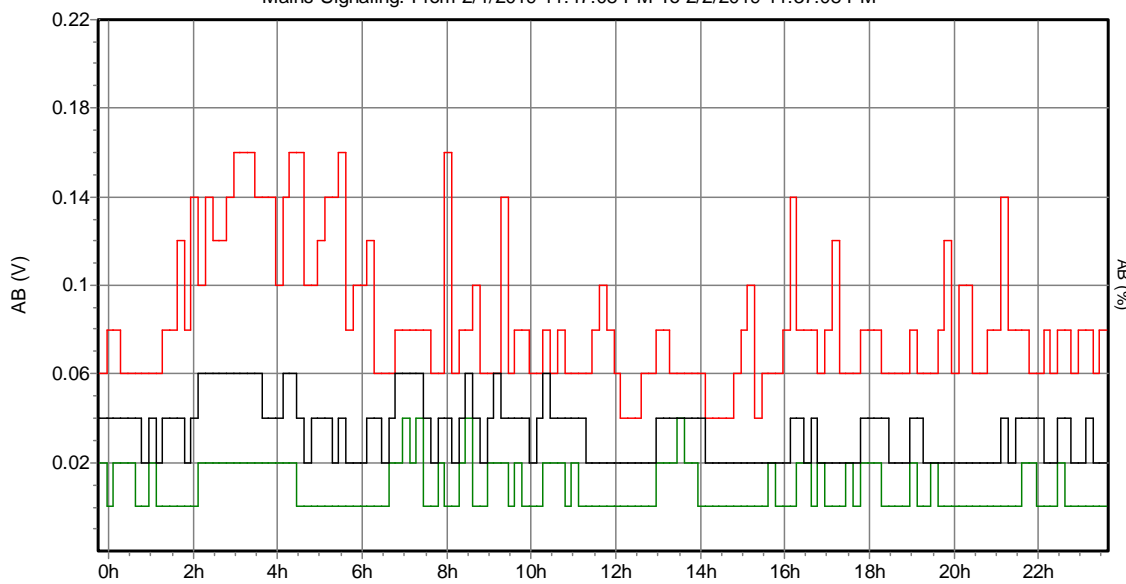


Energy. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM
Aggregation interval: 10m. 0s.



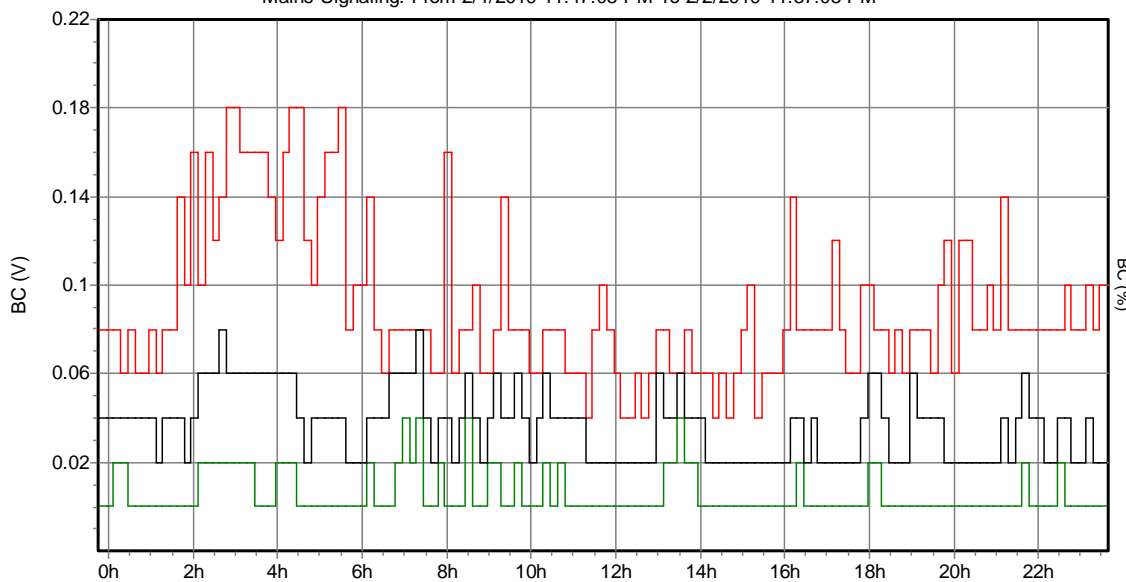
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Mains Signaling. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM

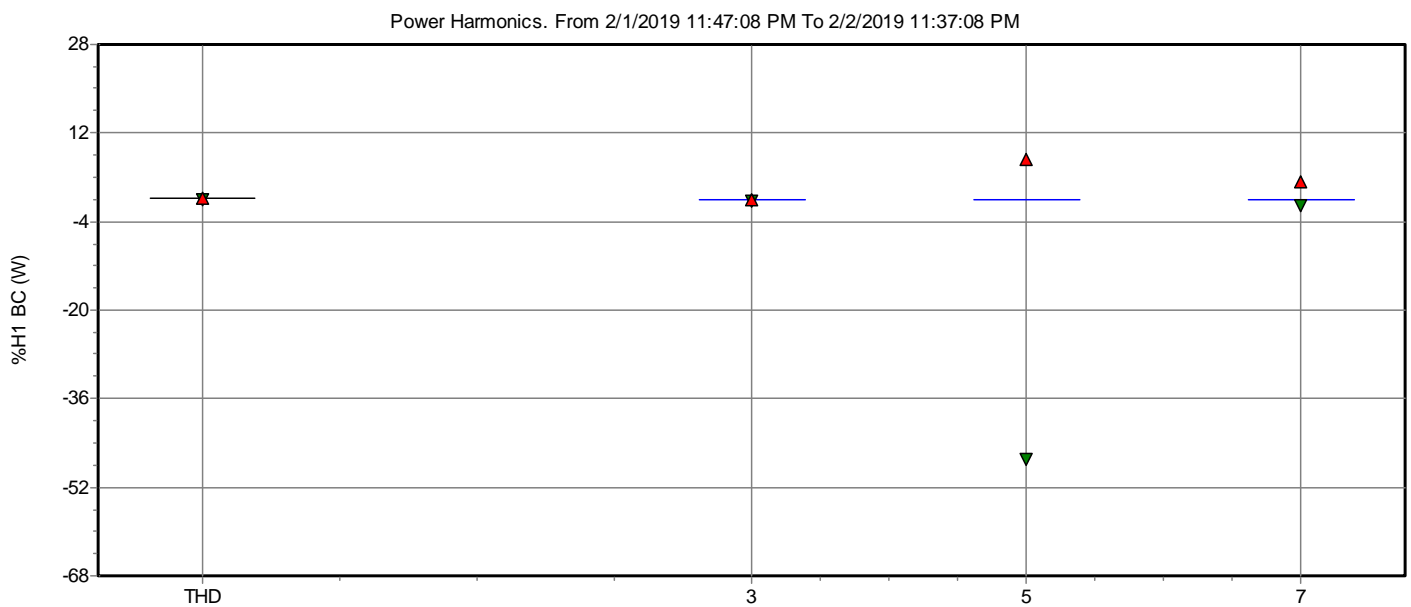
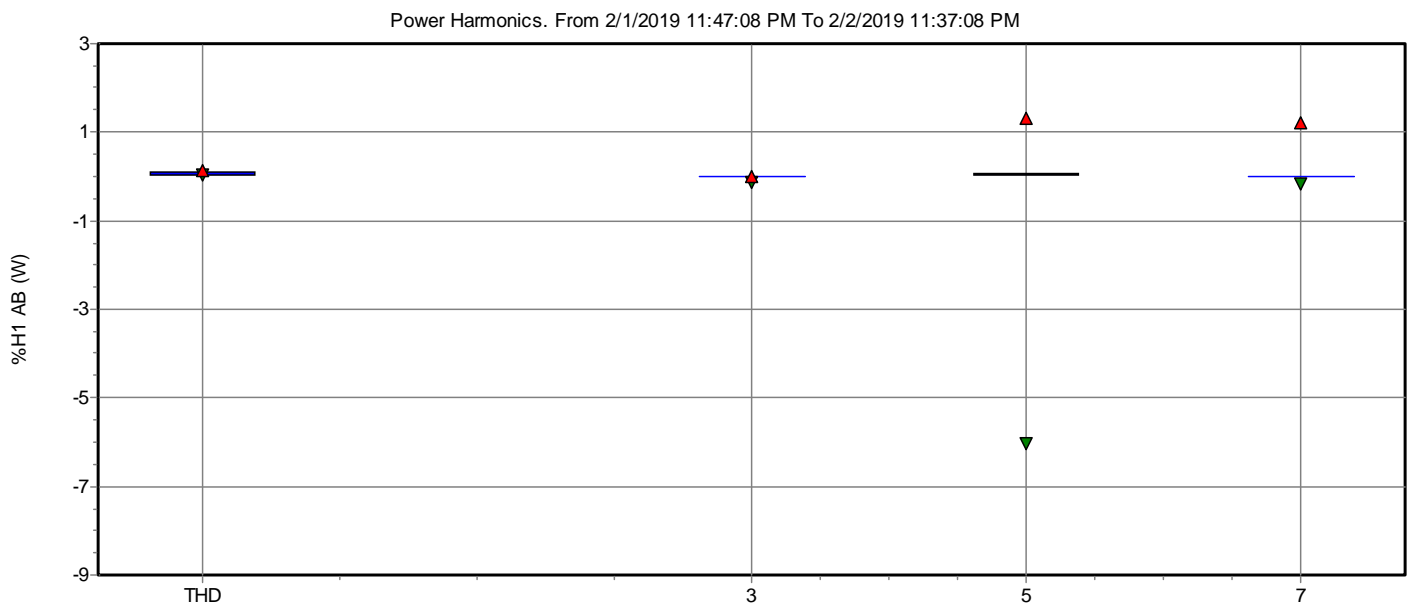
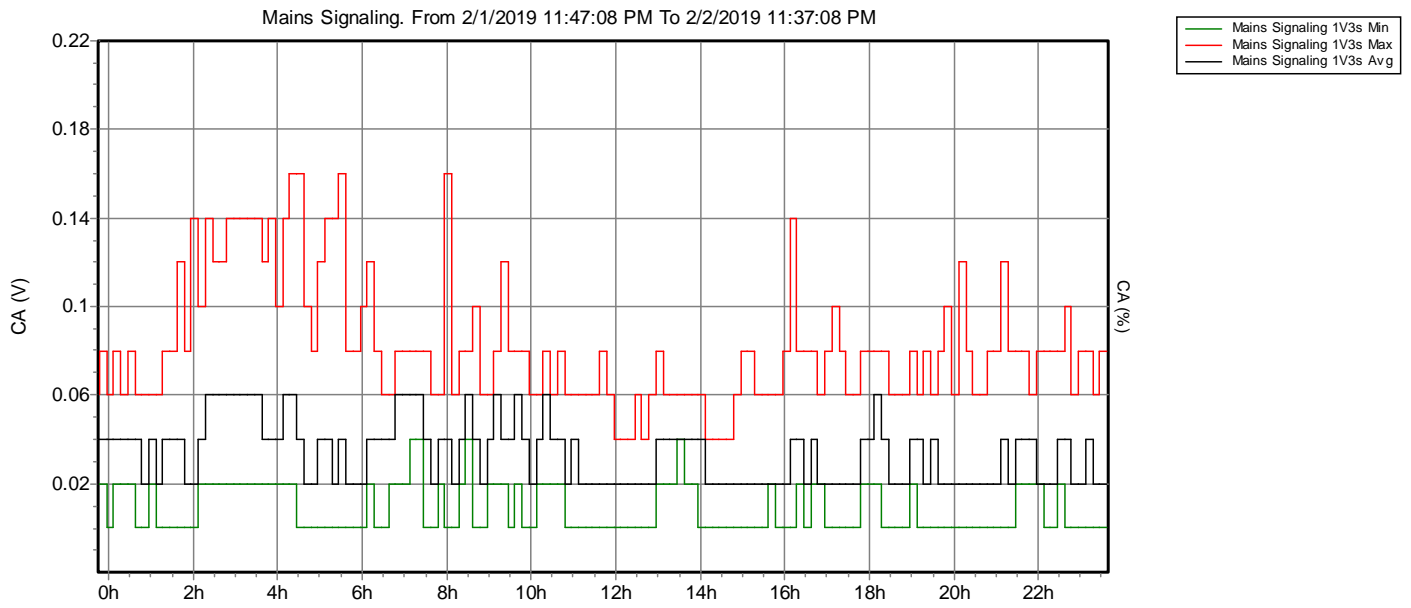


Mains Signaling 1V3s Min
Mains Signaling 1V3s Max
Mains Signaling 1V3s Avg

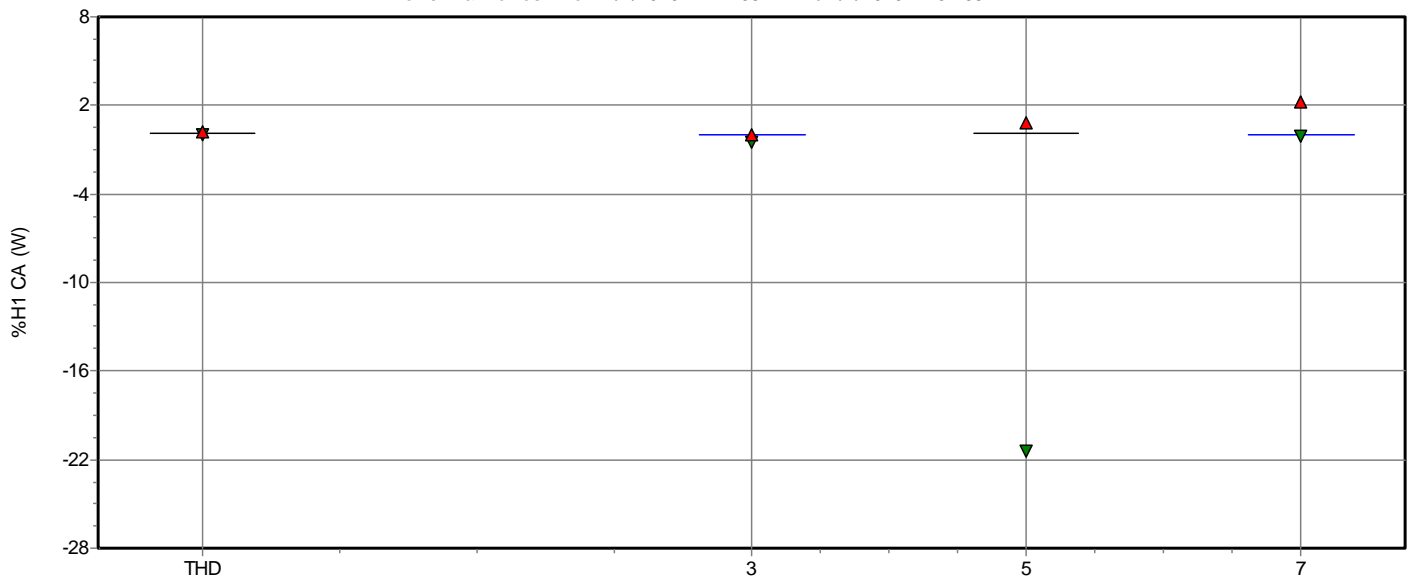
Mains Signaling. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM



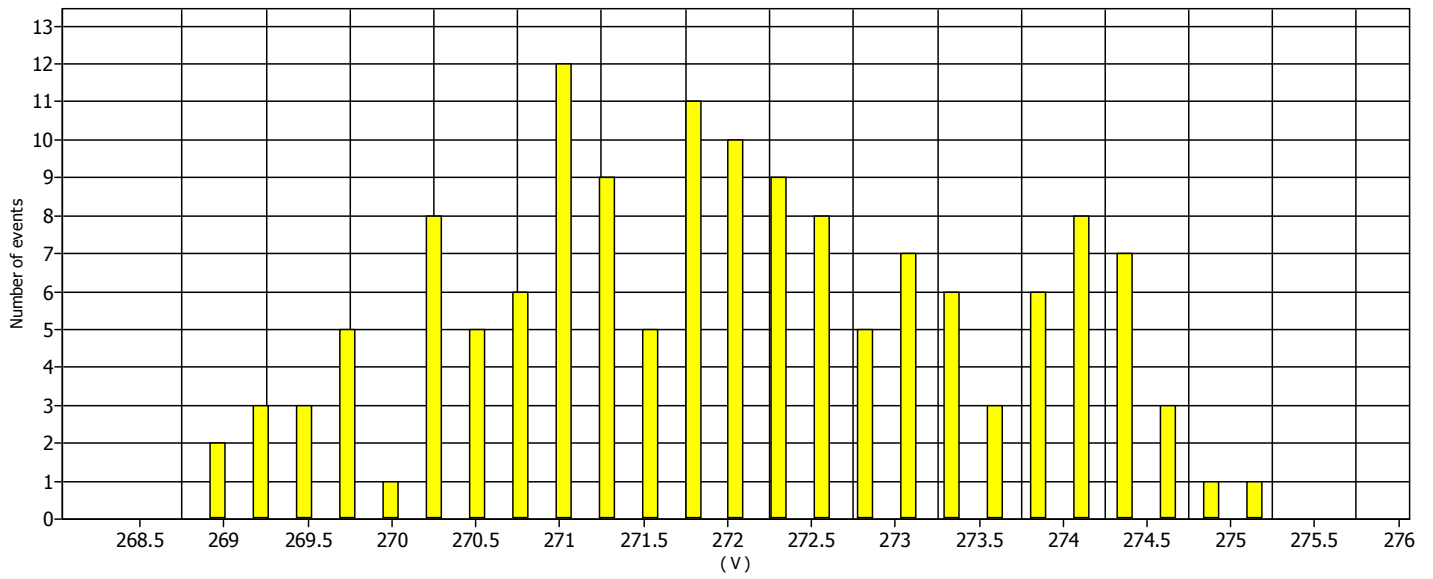
Mains Signaling 1V3s Min
Mains Signaling 1V3s Max
Mains Signaling 1V3s Avg



Power Harmonics. From 2/1/2019 11:47:08 PM To 2/2/2019 11:37:08 PM



Vrms ph-n - AN - Average



Instrument Information

Model Number	435-II
Serial Number	41183106
Firmware Revision	V05.04

Software Information

Power Log Version	5.4
FLUKE 430-II DLL Version	1.2.0.13

General Information

Recording location	VFD1 MOTOR1 MCCB 250A
Client	MAYNILAD AYALA ALABANG R1P
Notes	

Measurement Summary

Measurement topology	3-element delta mode
Application mode	Logger
First recording	12/12/2018 11:09:36 PM 239msec
Last recording	12/13/2018 10:59:36 PM 239msec
Recording interval	0h 10m 0s 0msec
Nominal Voltage	480 V
Nominal Current	250 A
Nominal Frequency	60 Hz
File start time	12/12/2018 10:59:36 PM 239msec
File end time	12/13/2018 10:59:36 PM 239msec
Duration	1d 0h 0m 0s 0msec
Number of events	Normal: 1 Detailed: 0
Events downloaded	No
Number of screens	1
Screens downloaded	Yes
Power measurement method	Unified
Cable type	Copper
Harmonic scale	%H1
THD mode	THD 40
CosPhi / DPF mode	DPF

Scaling

Phase:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1
Neutral:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1

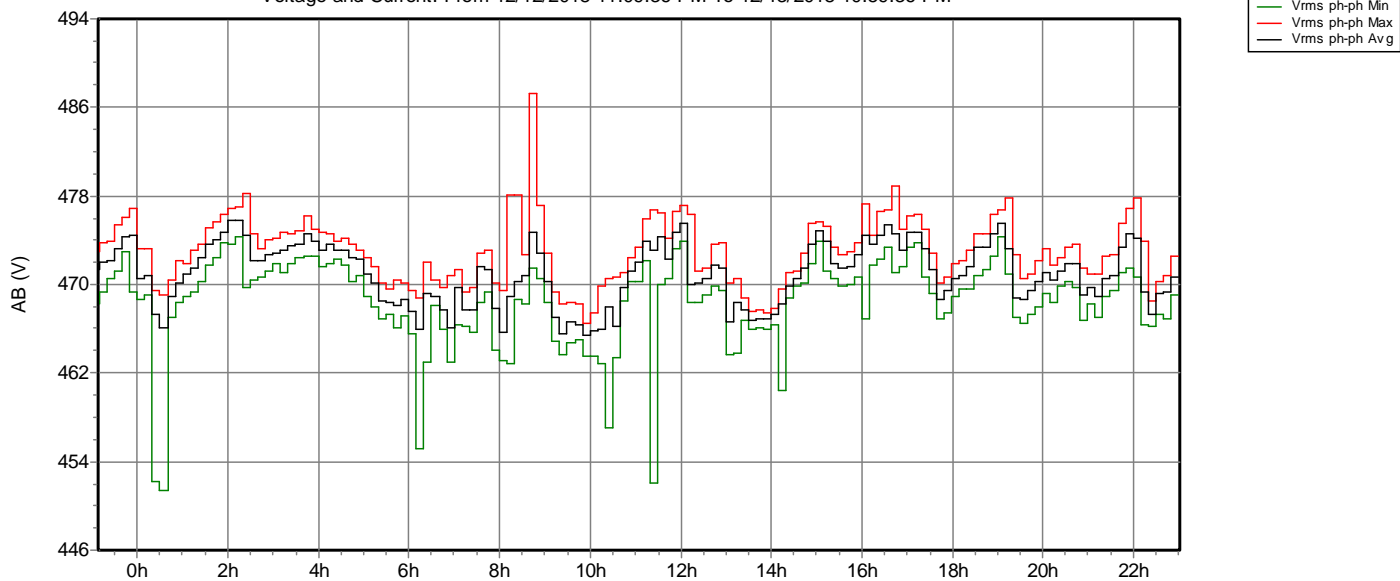
Recording Summary

RMS recordings	144
DC recordings	0
Frequency recordings	144
Unbalance recordings	144
Harmonic recordings	144
Power harmonic recordings	144
Power recordings	144
Power unbalance recordings	0
Energy recordings	144
Energy losses recordings	0
Flicker recordings	144
Mains signaling recordings	144

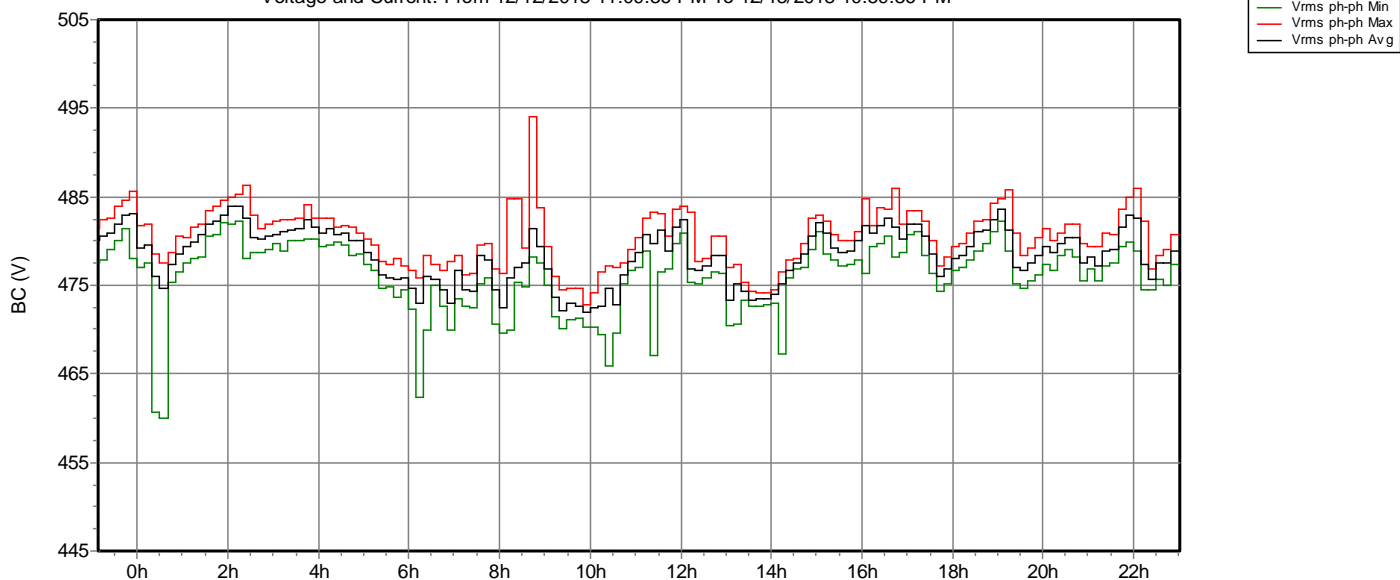
Events Summary

Dips	0
Swells	0
Transients	0
Interruptions	0
Voltage profiles	0
Rapid voltage changes	0
Screens	1
Waveforms	0
Intervals without measurements	0
Inrush current graphics	0
Wave events	0
RMS events	0

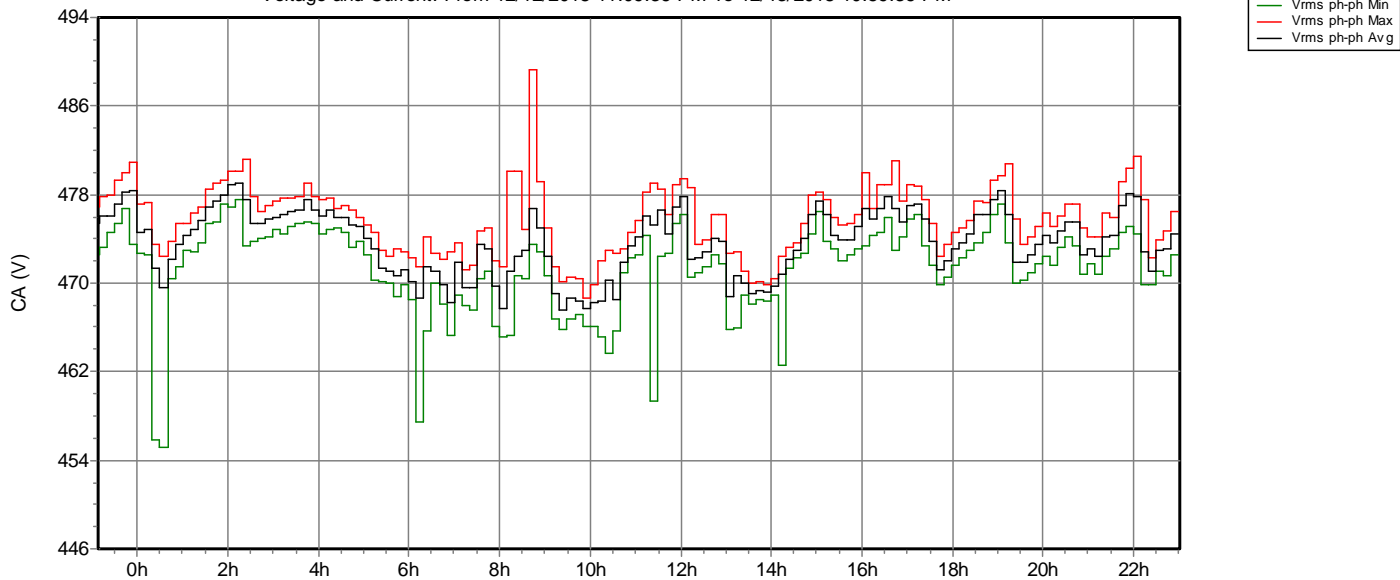
Voltage and Current. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



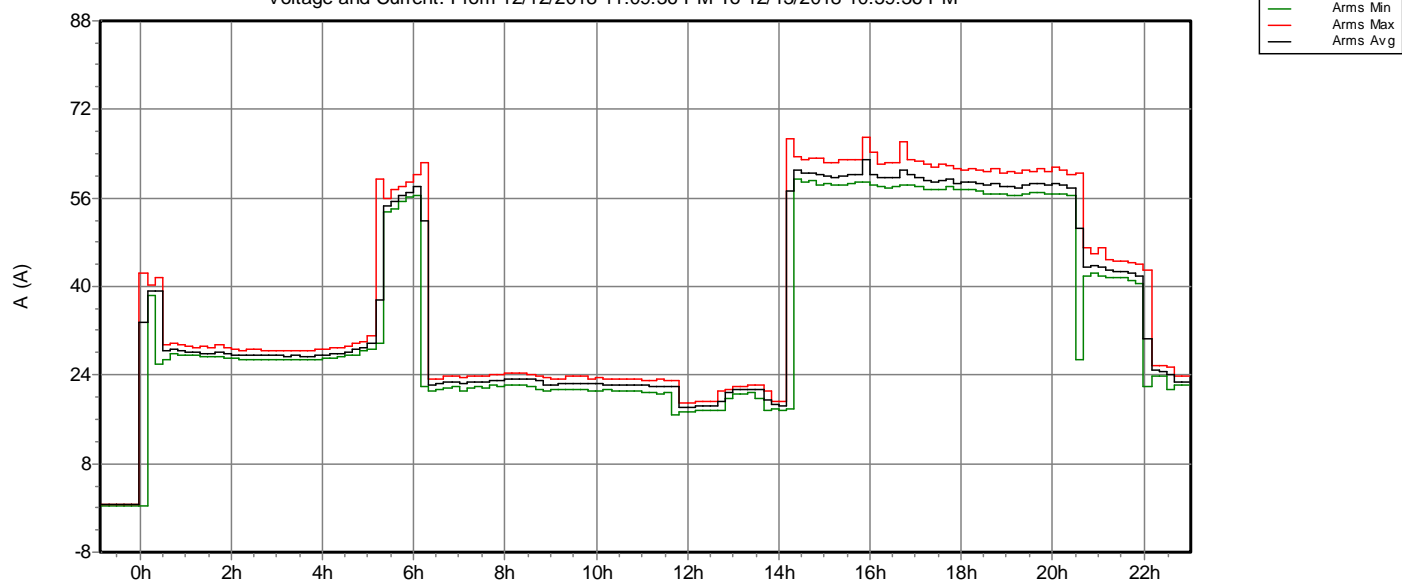
Voltage and Current. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



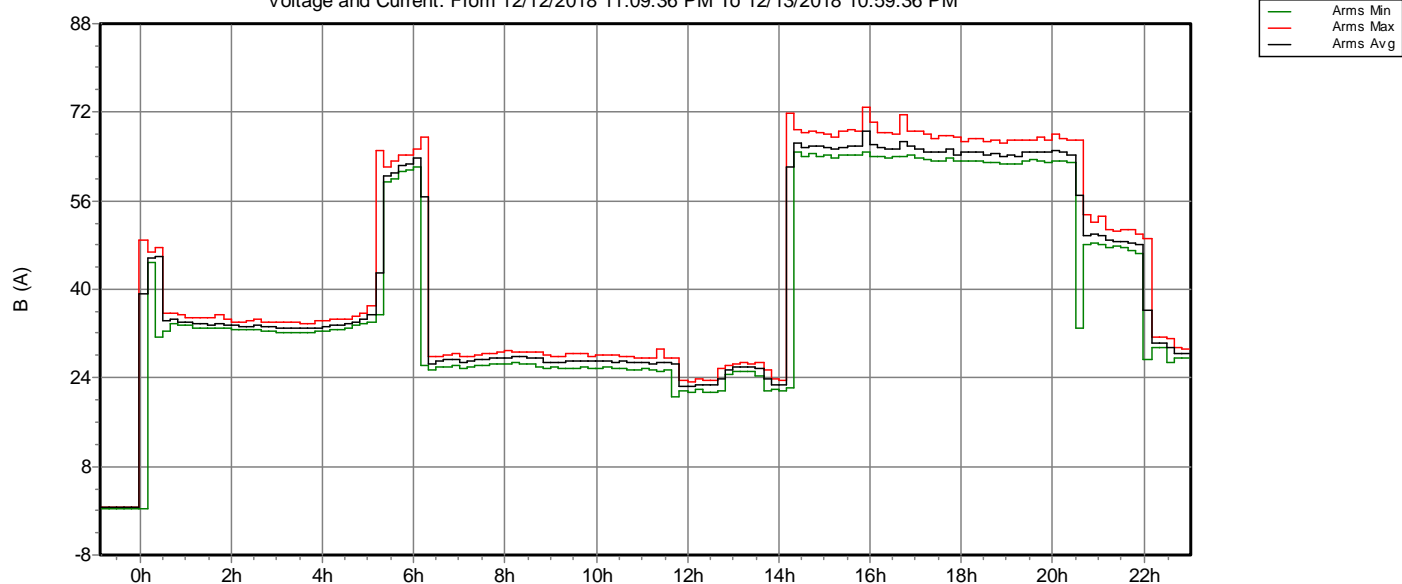
Voltage and Current. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



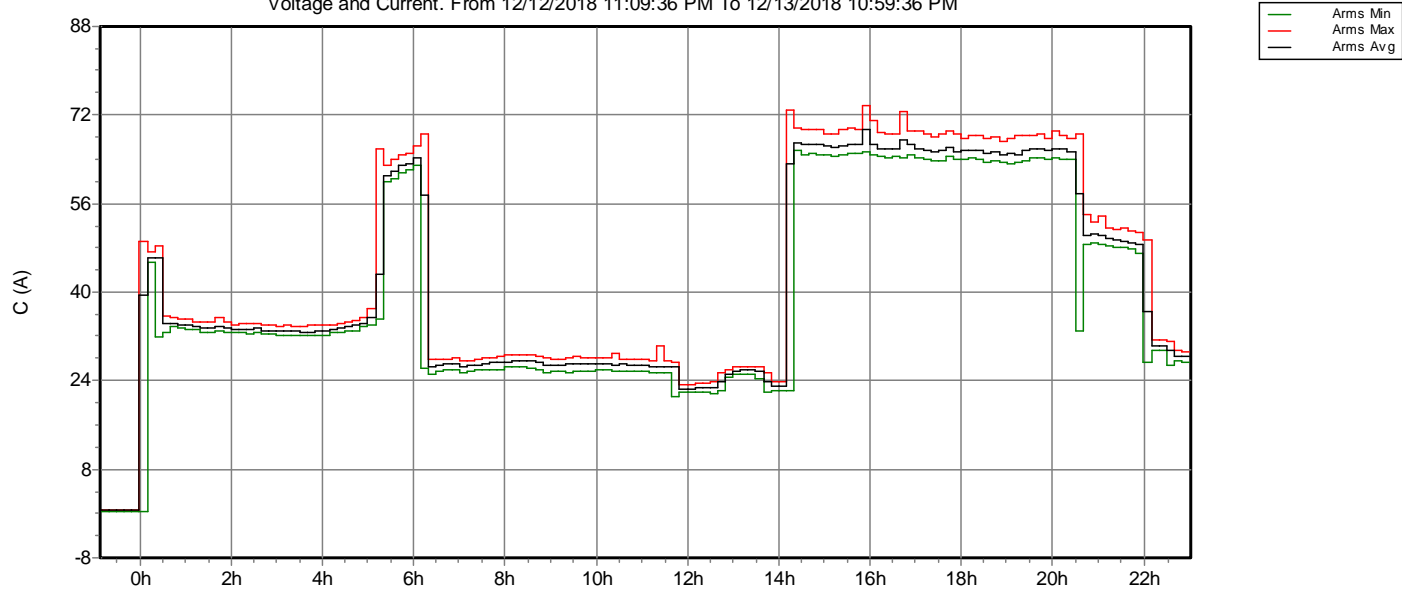
Voltage and Current. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



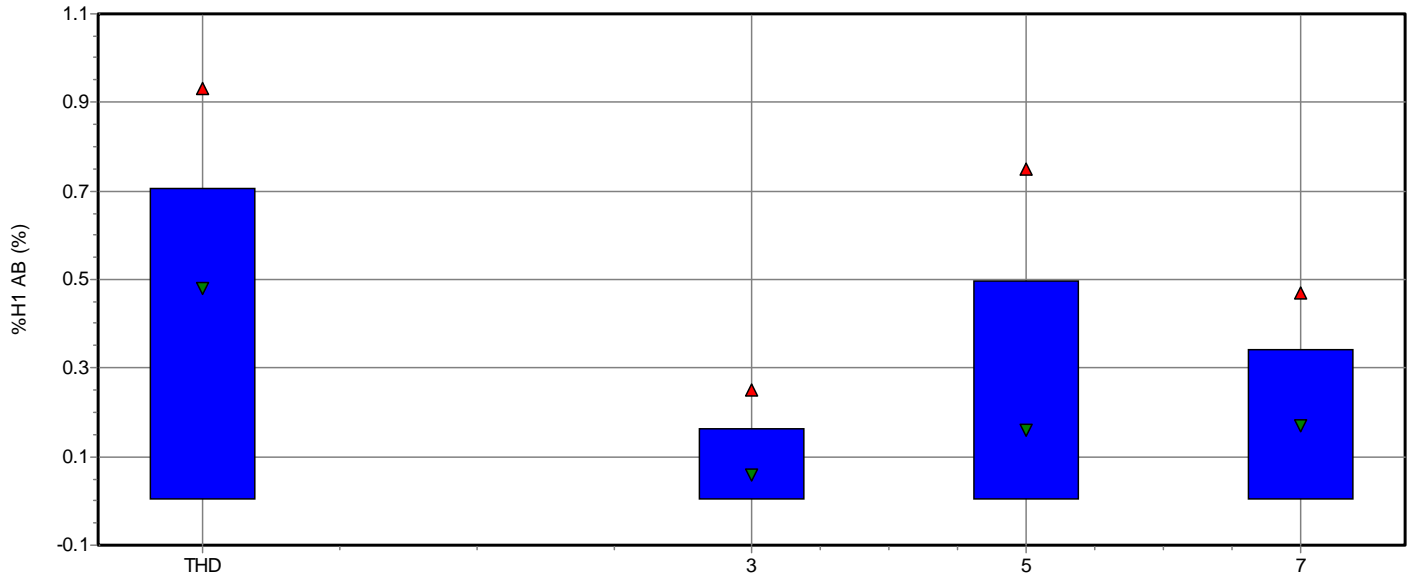
Voltage and Current. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



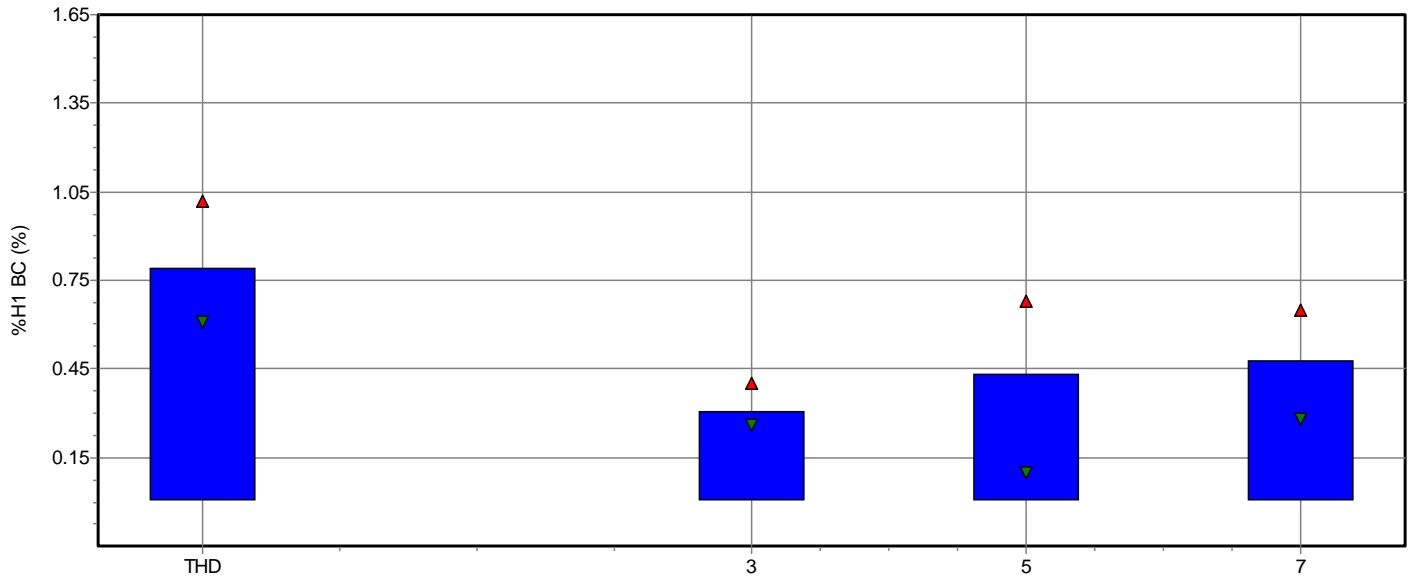
Voltage and Current. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



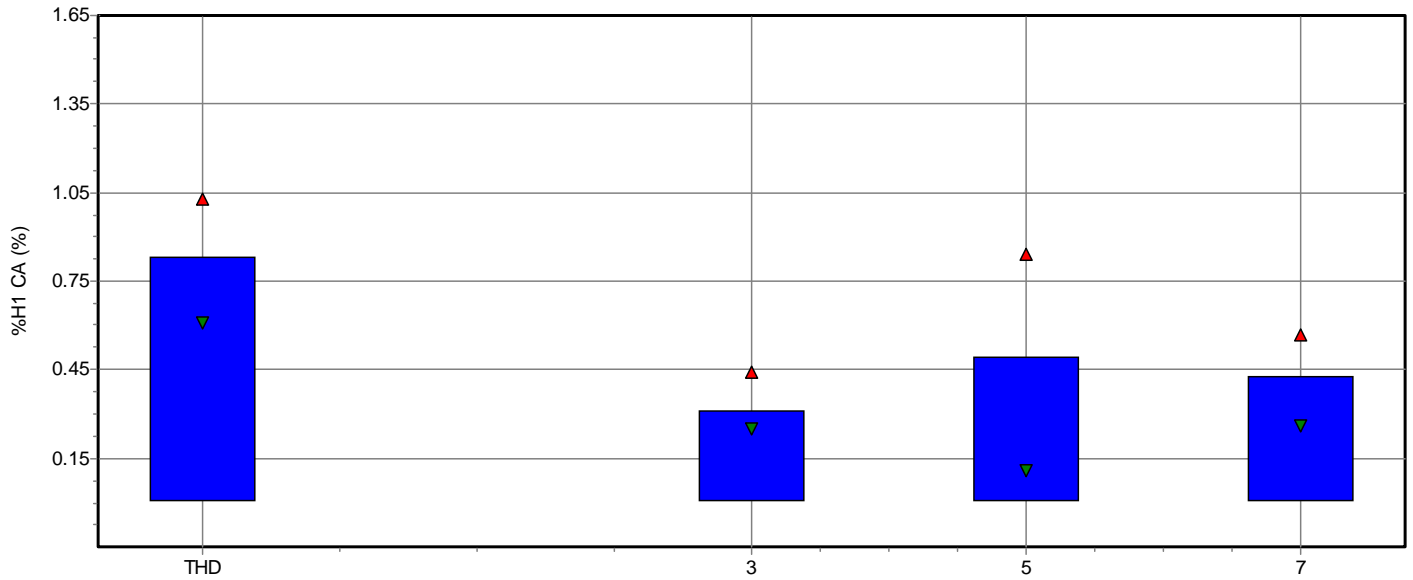
Harmonics. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



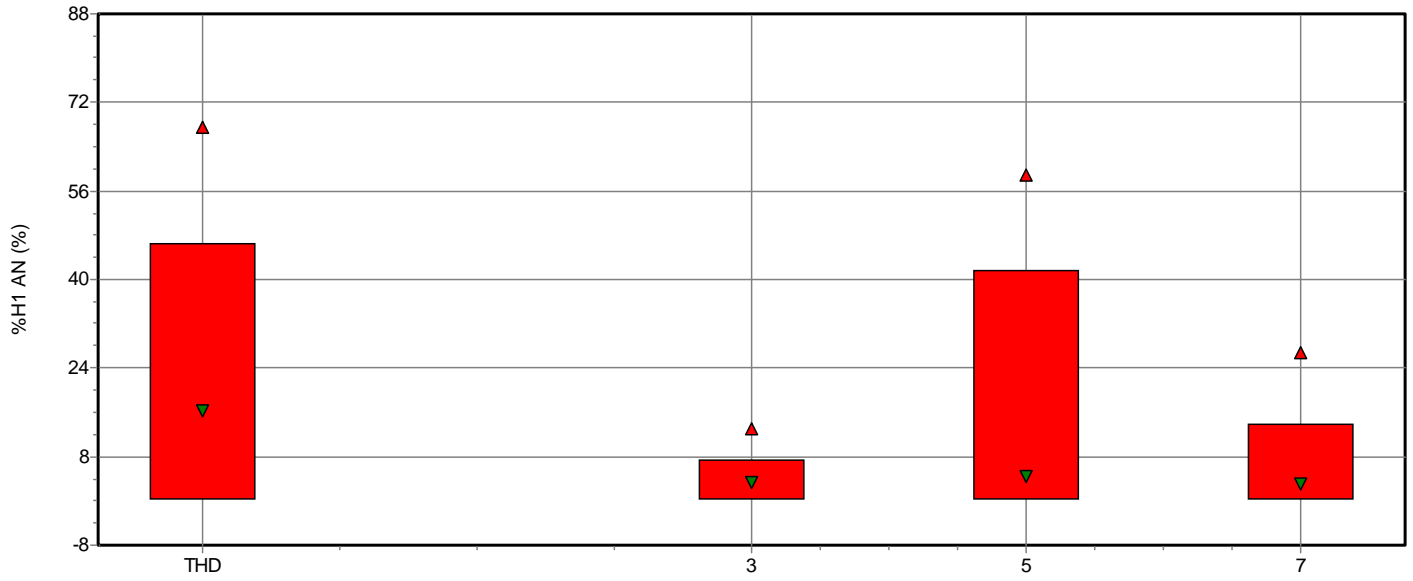
Harmonics. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



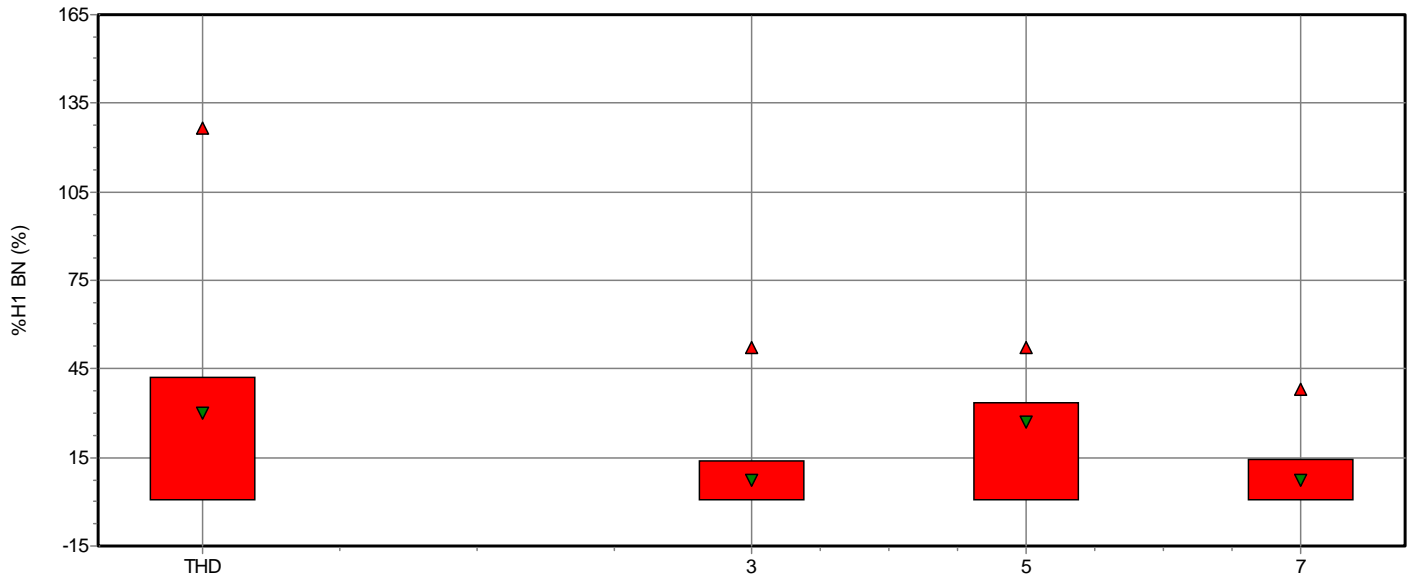
Harmonics. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



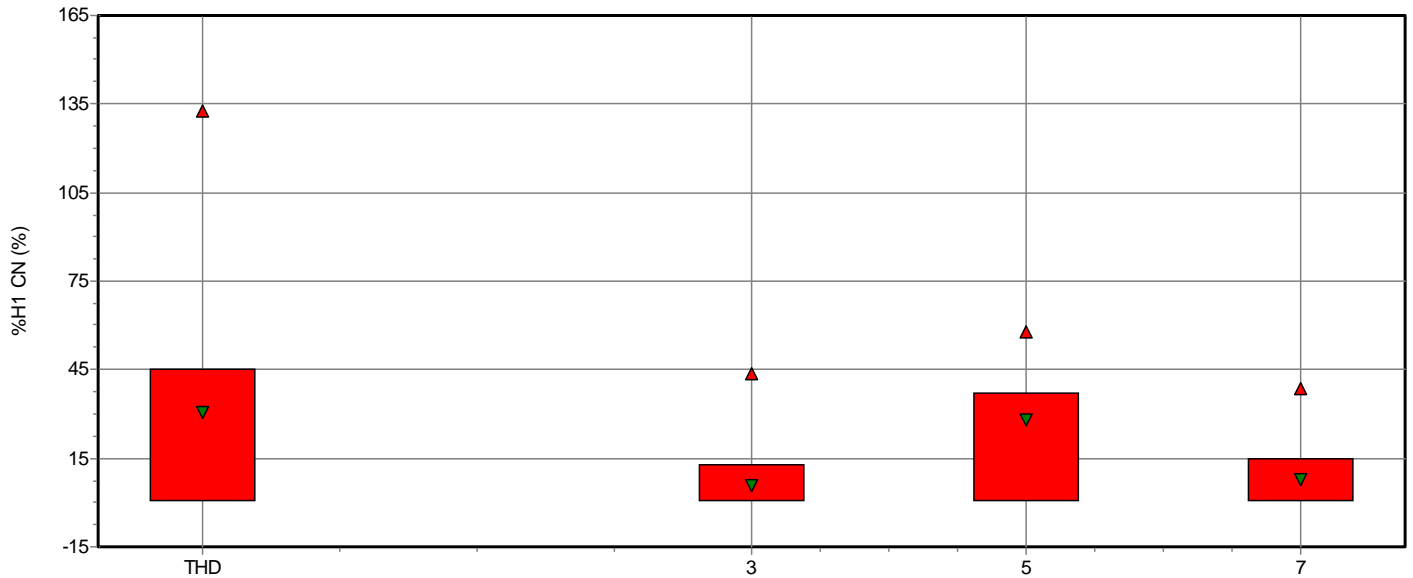
Harmonics. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM

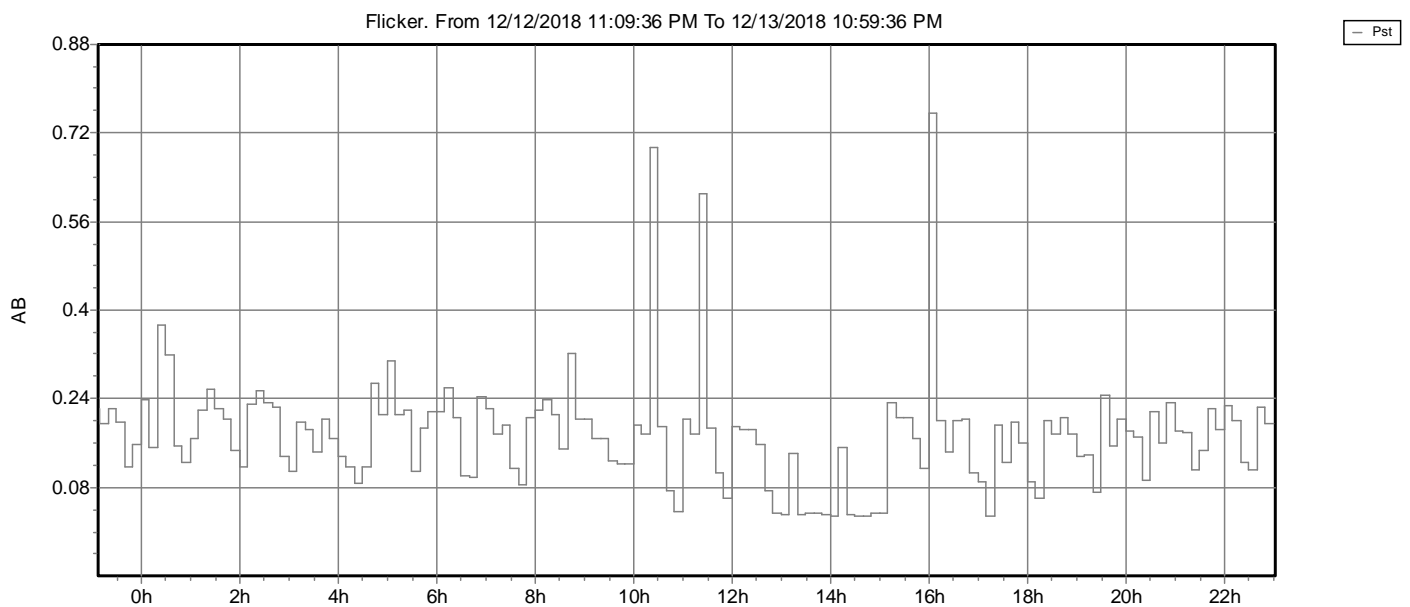
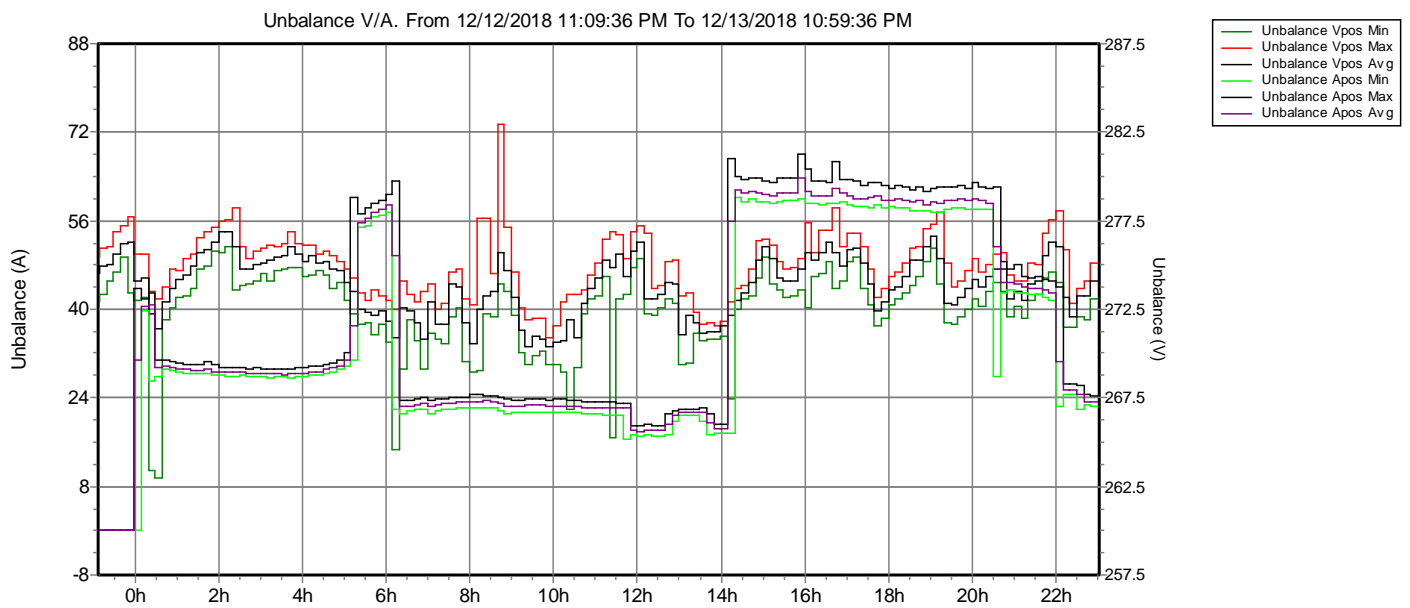
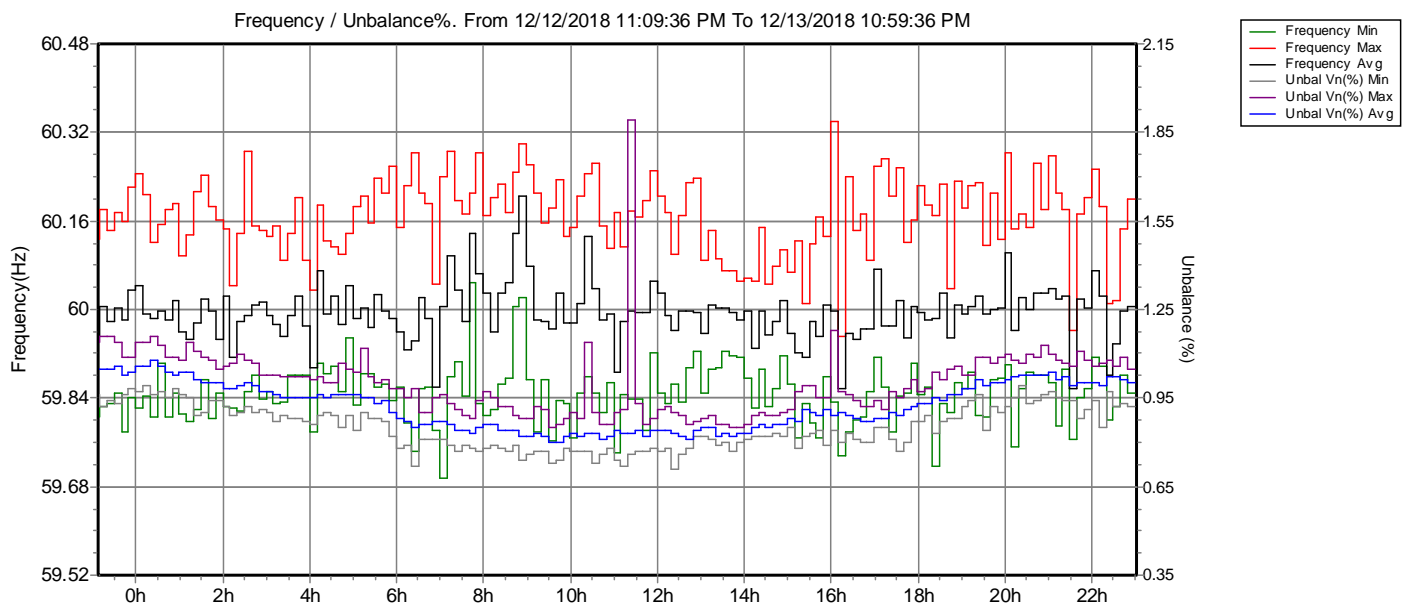


Harmonics. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM

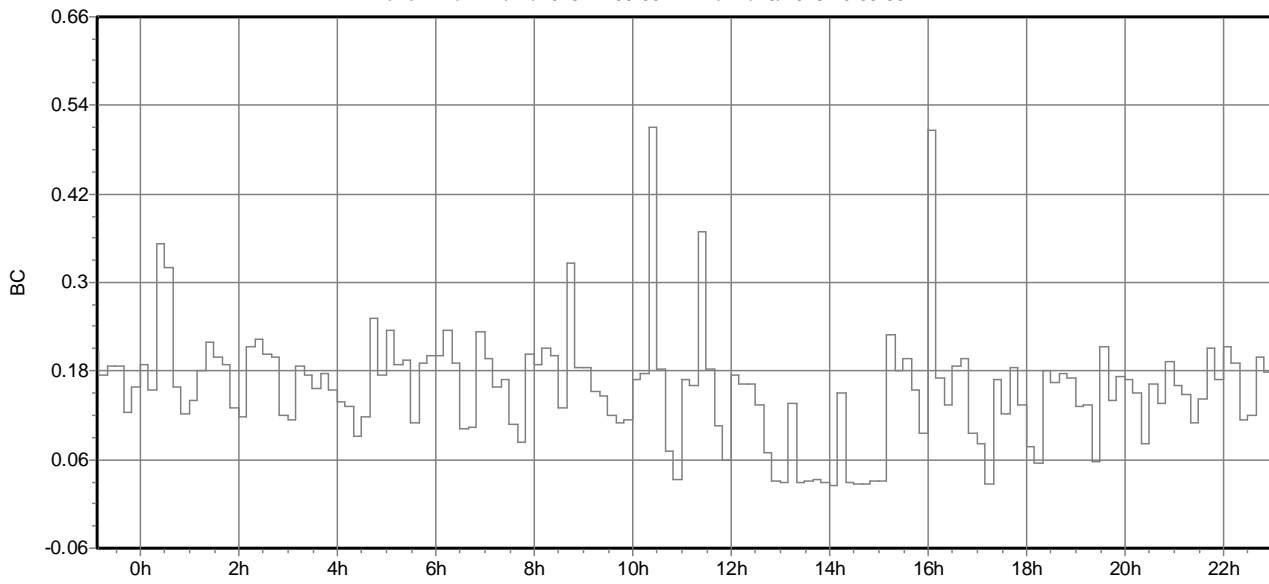


Harmonics. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM

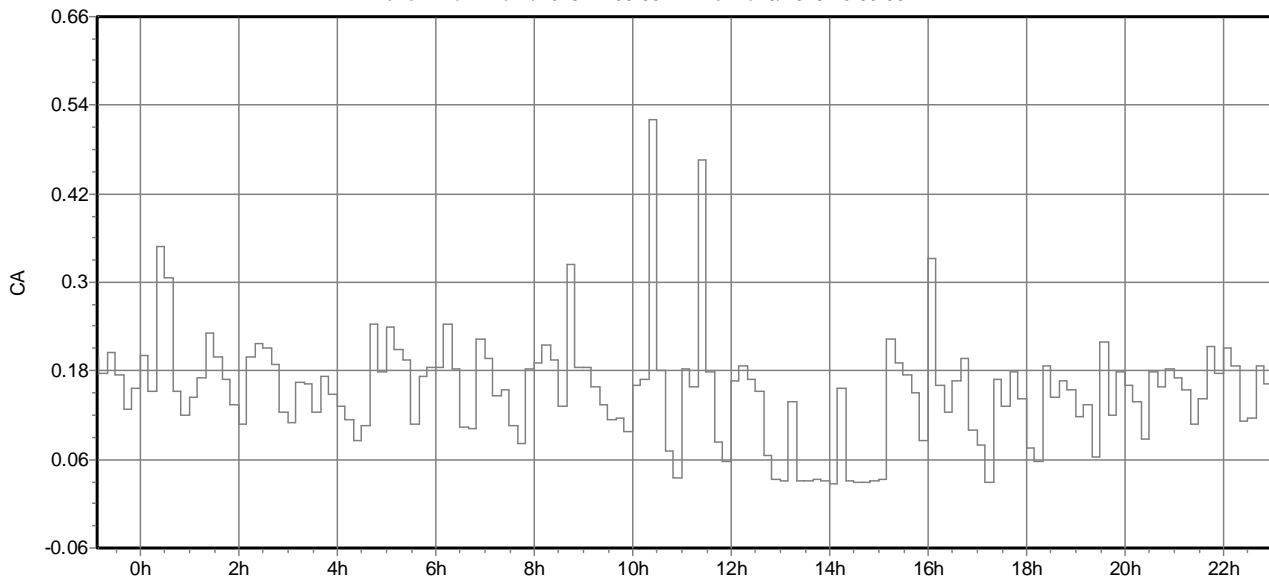




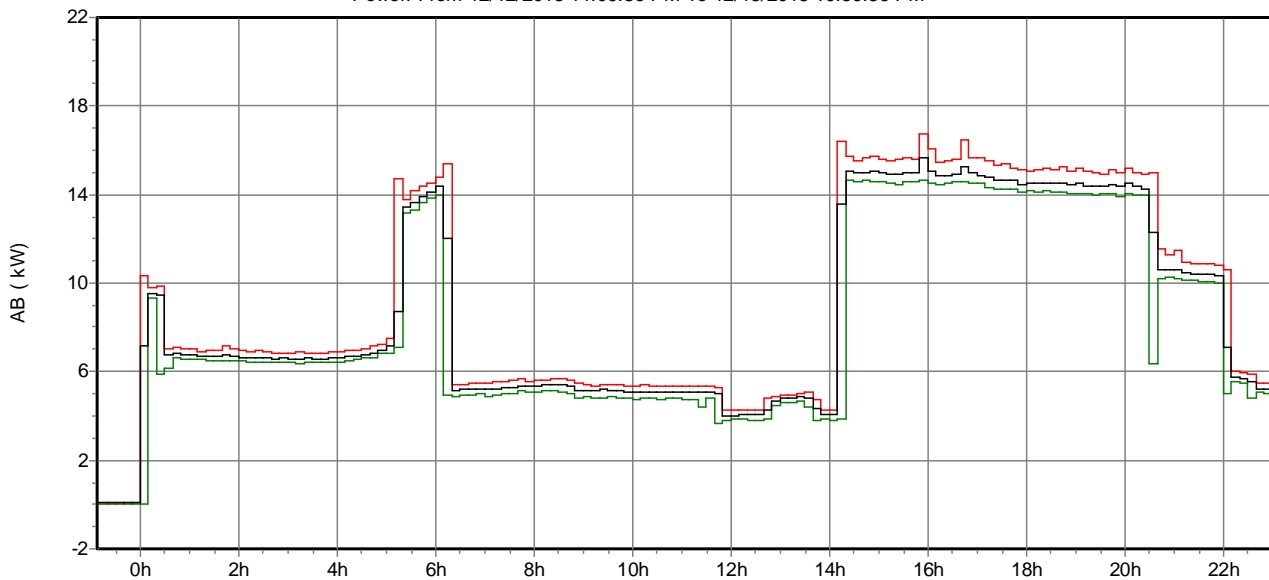
Flicker. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM

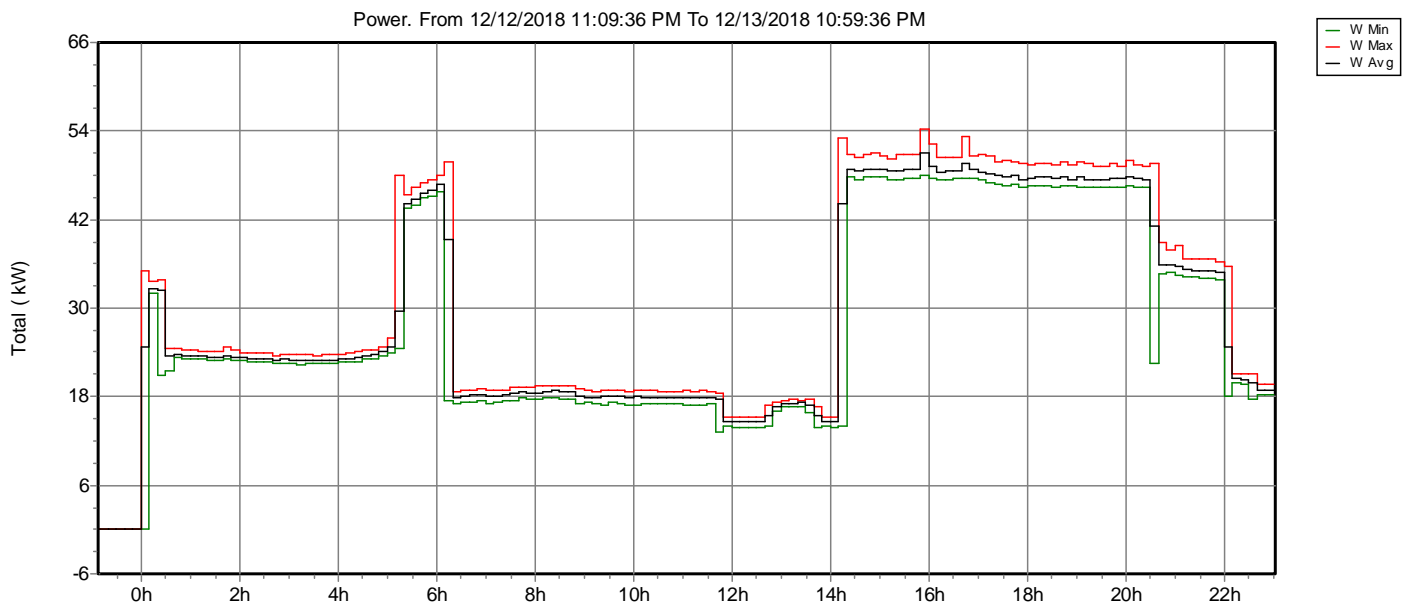
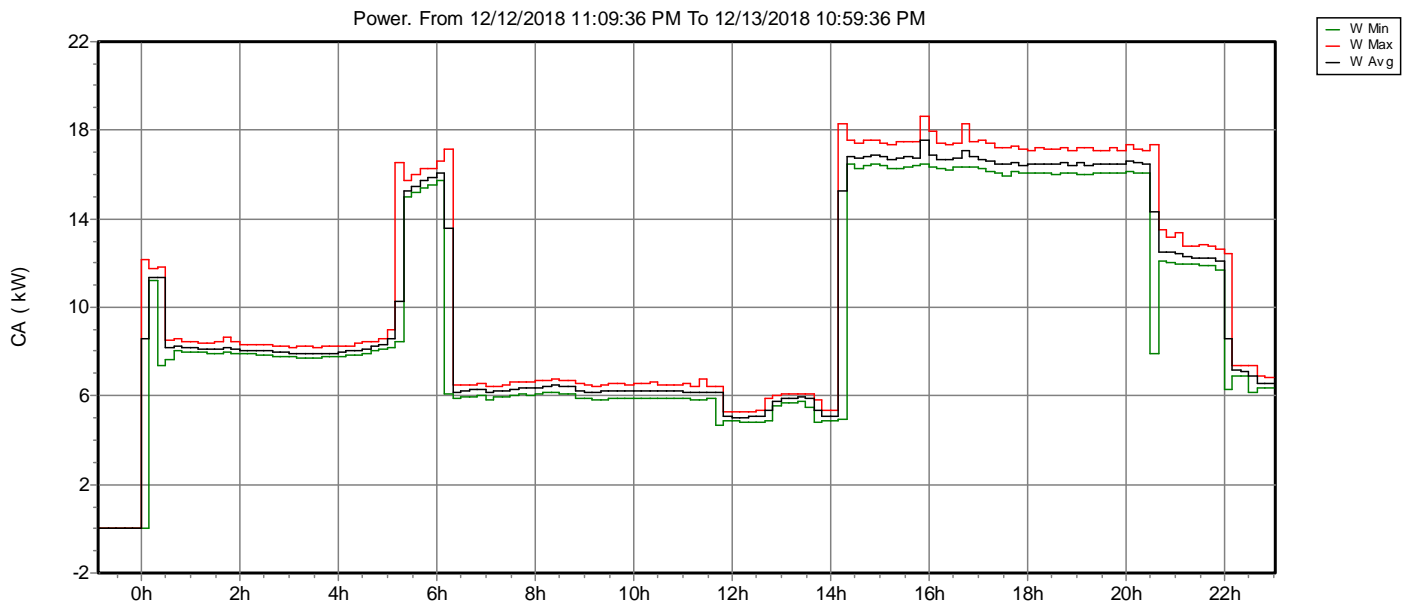
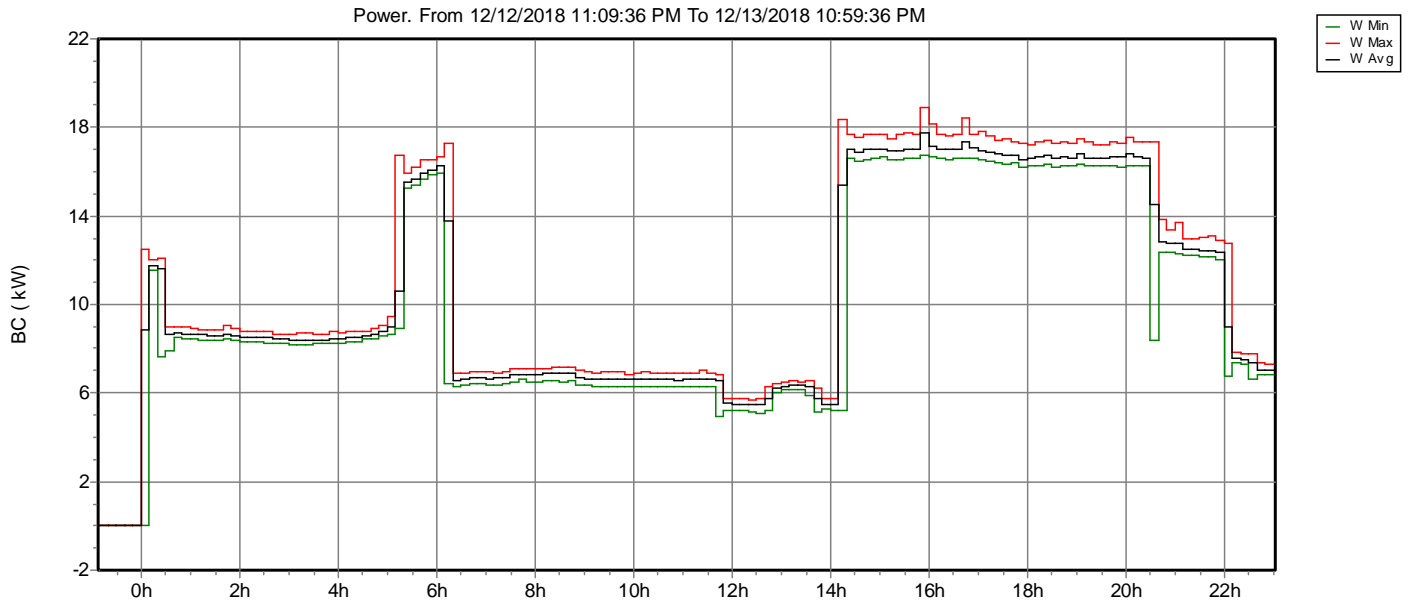


Flicker. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM

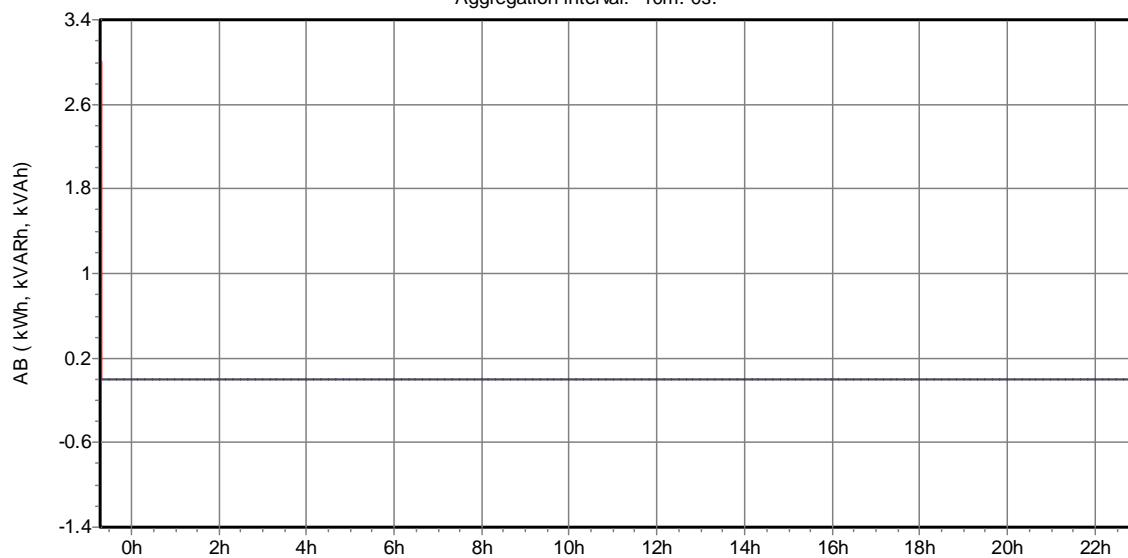


Power. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



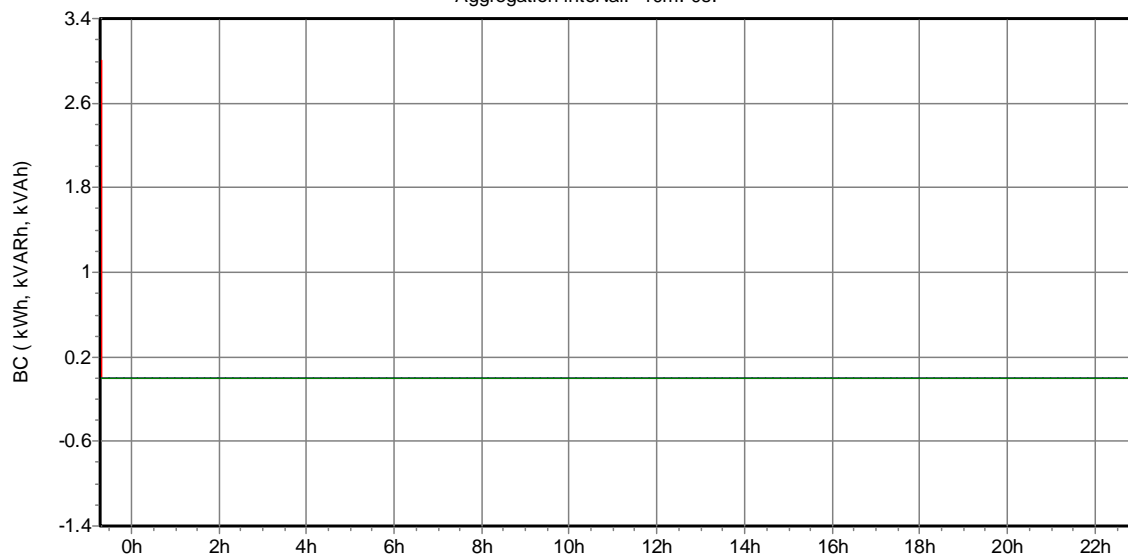


Energy. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM
Aggregation interval: 10m. 0s.



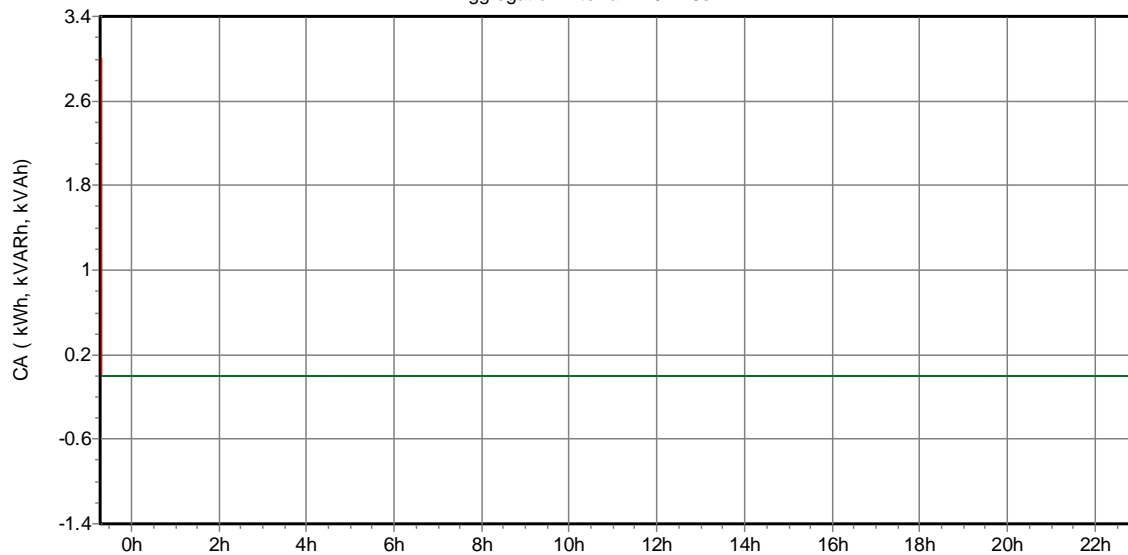
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Energy. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM
Aggregation interval: 10m. 0s.



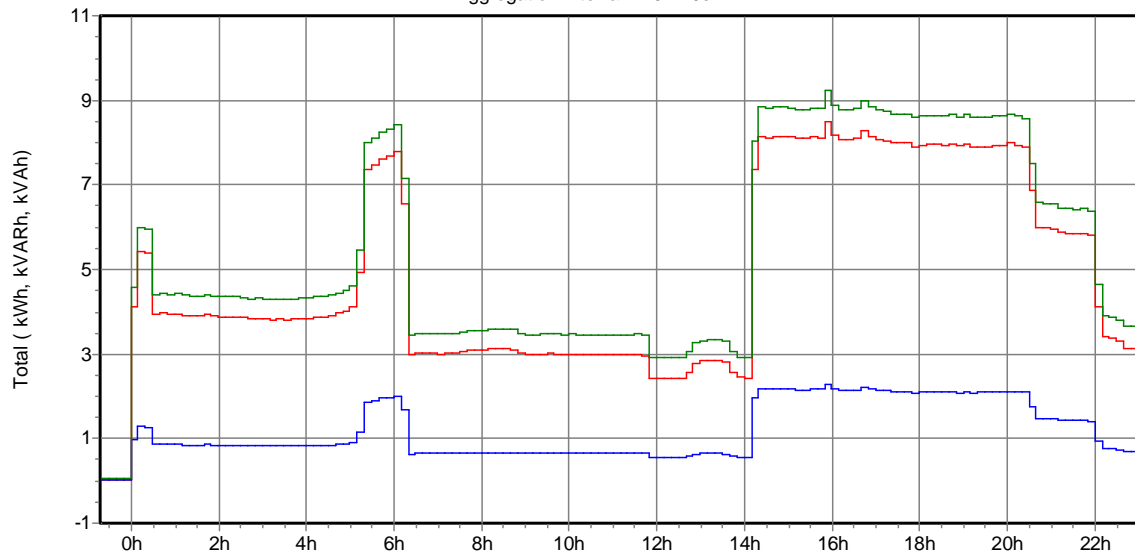
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Energy. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM
Aggregation interval: 10m. 0s.



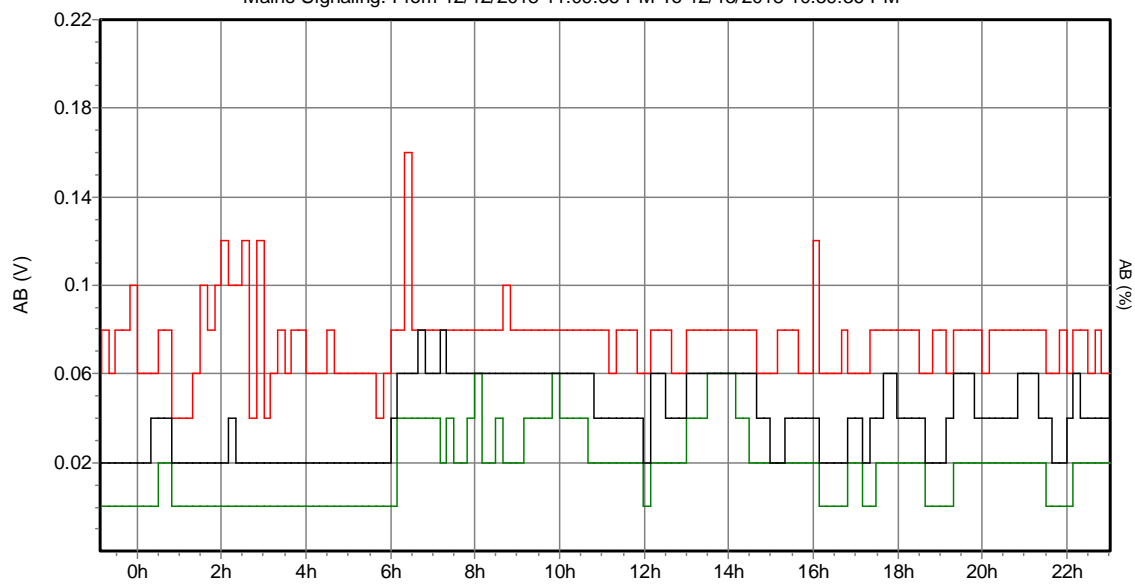
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Energy. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM
Aggregation interval: 10m. 0s.



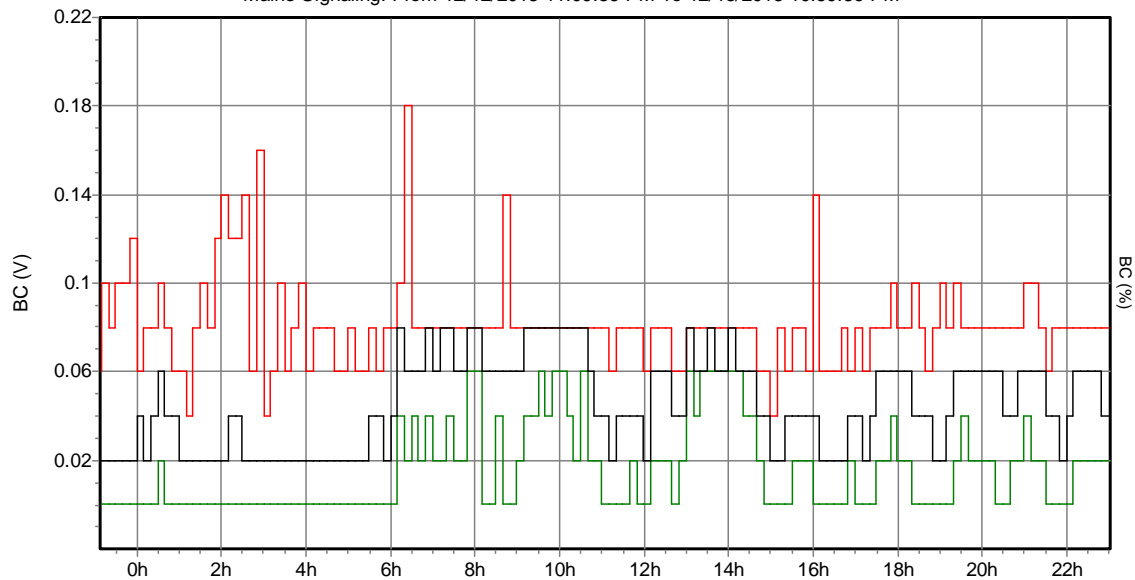
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Mains Signaling. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM

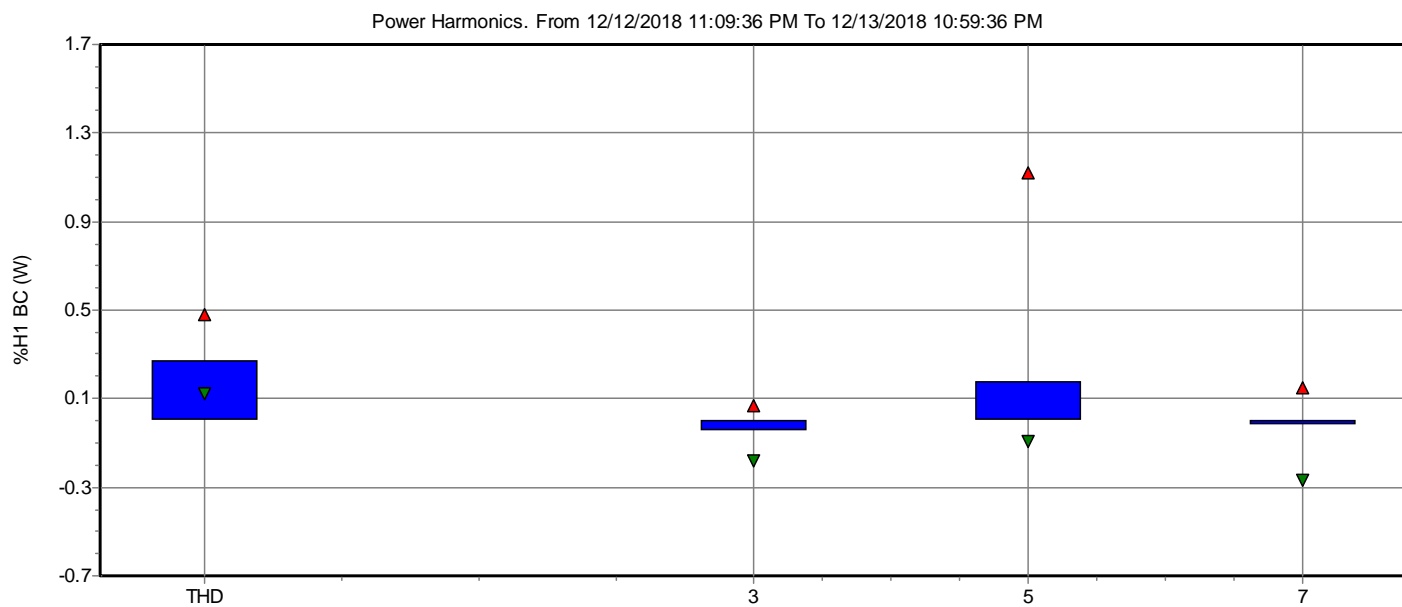
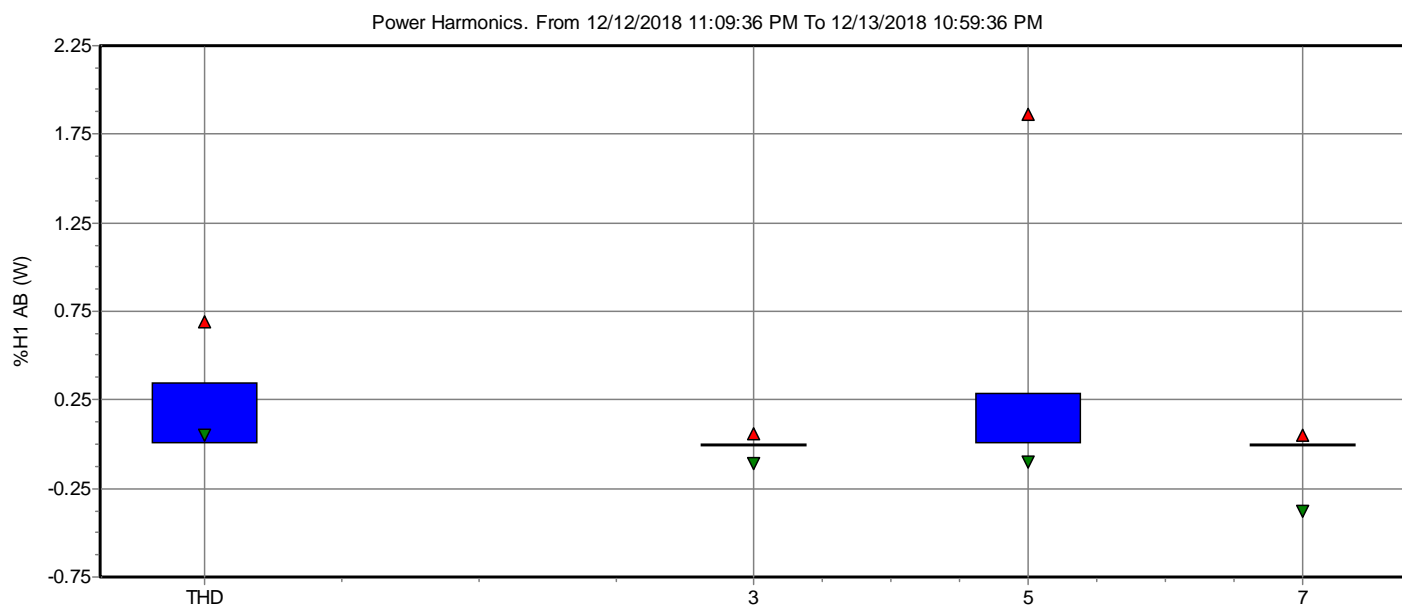
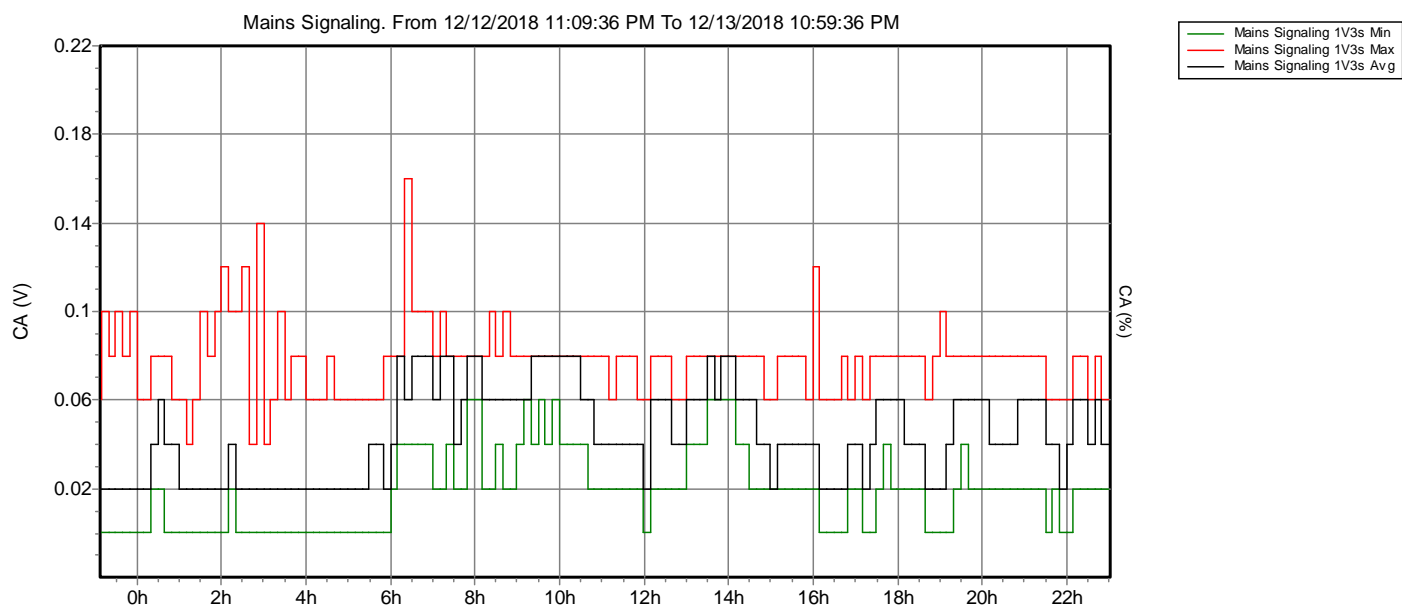


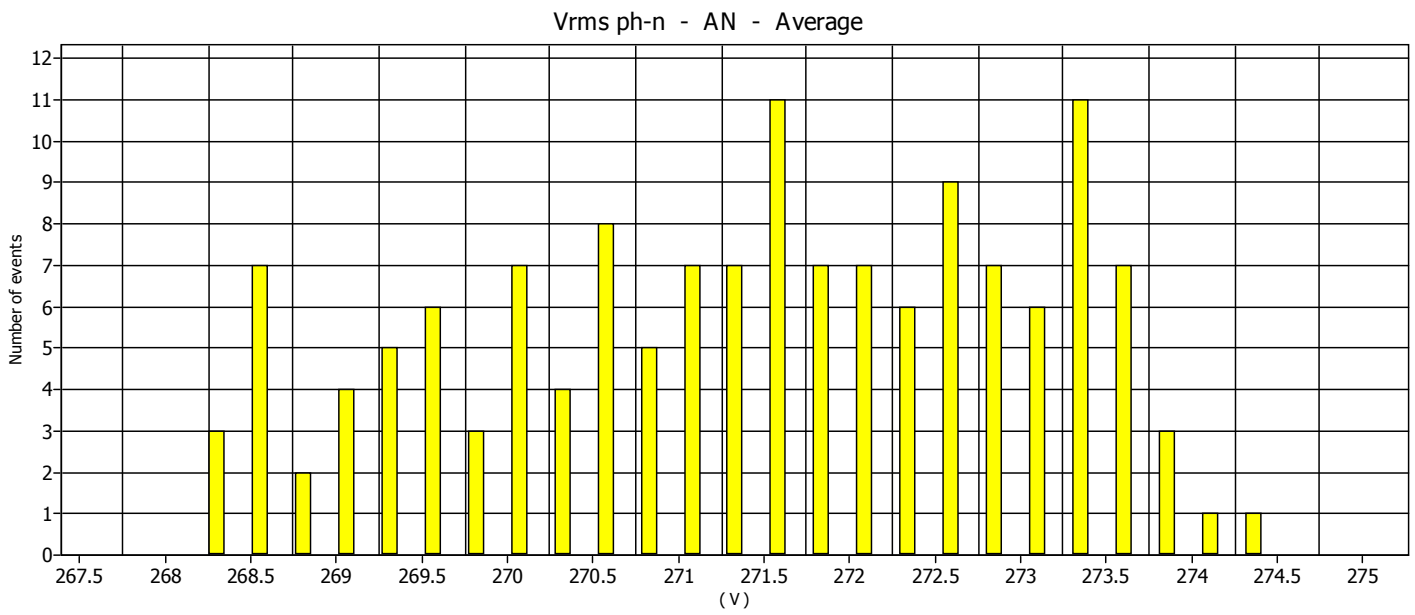
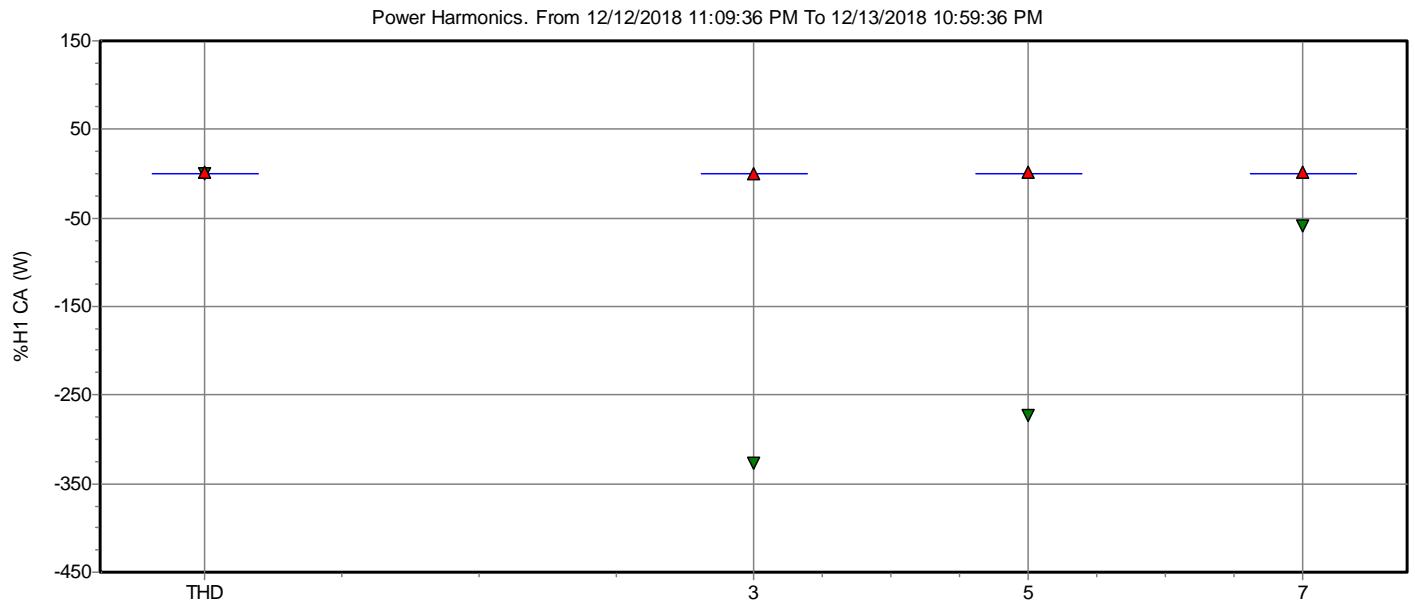
Mains Signaling 1V3s Min
Mains Signaling 1V3s Max
Mains Signaling 1V3s Avg

Mains Signaling. From 12/12/2018 11:09:36 PM To 12/13/2018 10:59:36 PM



Mains Signaling 1V3s Min
Mains Signaling 1V3s Max
Mains Signaling 1V3s Avg





Instrument Information

Model Number	435-II
Serial Number	41183106
Firmware Revision	V05.04

Software Information

Power Log Version	5.4
FLUKE 430-II DLL Version	1.2.0.13

General Information

Recording location	VFD2 MOTOR2 MCCB 250A
Client	MAYNILAD AYALA ALABANG R1
Notes	



Instrument Information

Model Number	435-II
Serial Number	41183106
Firmware Revision	V05.04

Software Information

Power Log Version	5.4
FLUKE 430-II DLL Version	1.2.0.13

General Information

Recording location	SOFTSTARTER MOTOR 3 MCCB 250A
Client	MAYNILAD AYALA ALABNG R1
Notes	

Measurement Summary

Measurement topology	3-element delta mode
Application mode	Logger
First recording	2/1/2019 4:00:57 AM 531msec
Last recording	2/1/2019 10:30:57 PM 531msec
Recording interval	0h 10m 0s 0msec
Nominal Voltage	480 V
Nominal Current	250 A
Nominal Frequency	60 Hz
File start time	2/1/2019 3:50:57 AM 531msec
File end time	2/1/2019 10:30:57 PM 531msec
Duration	0d 18h 40m 0s 0msec
Number of events	Normal: 0 Detailed: 0
Events downloaded	No
Number of screens	0
Screens downloaded	Yes
Power measurement method	Unified
Cable type	Copper
Harmonic scale	%H1
THD mode	THD 40
CosPhi / DPF mode	DPF

Scaling

Phase:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1
Neutral:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1

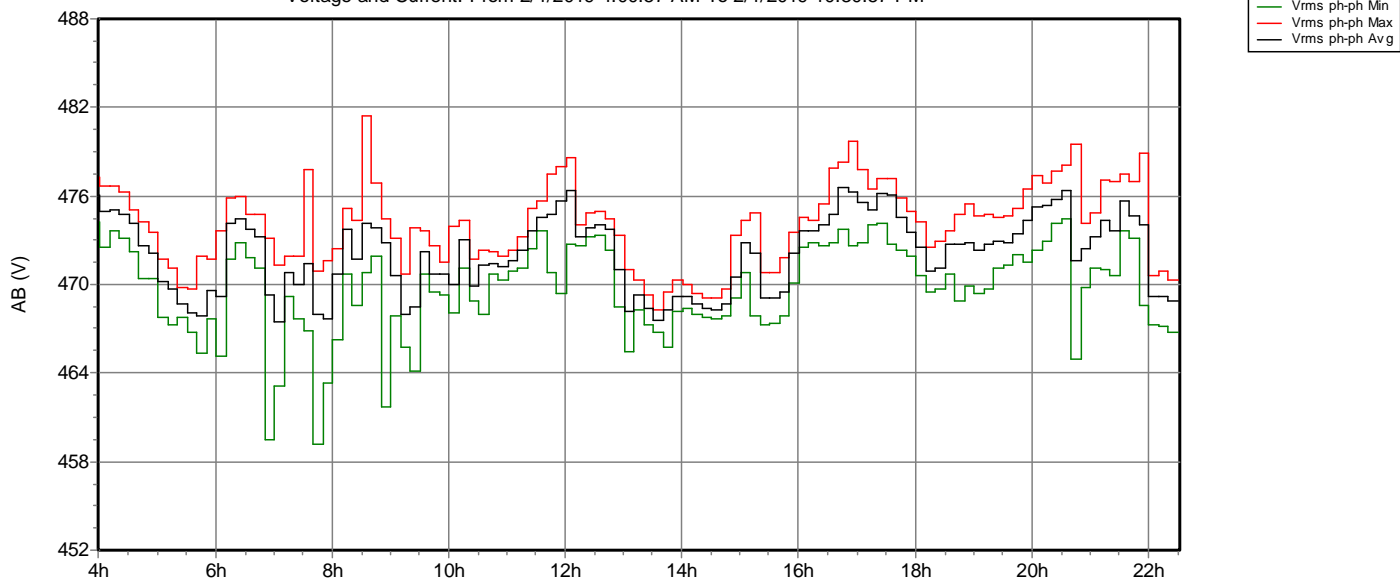
Recording Summary

RMS recordings	112
DC recordings	0
Frequency recordings	112
Unbalance recordings	112
Harmonic recordings	112
Power harmonic recordings	112
Power recordings	112
Power unbalance recordings	0
Energy recordings	112
Energy losses recordings	0
Flicker recordings	112
Mains signaling recordings	112

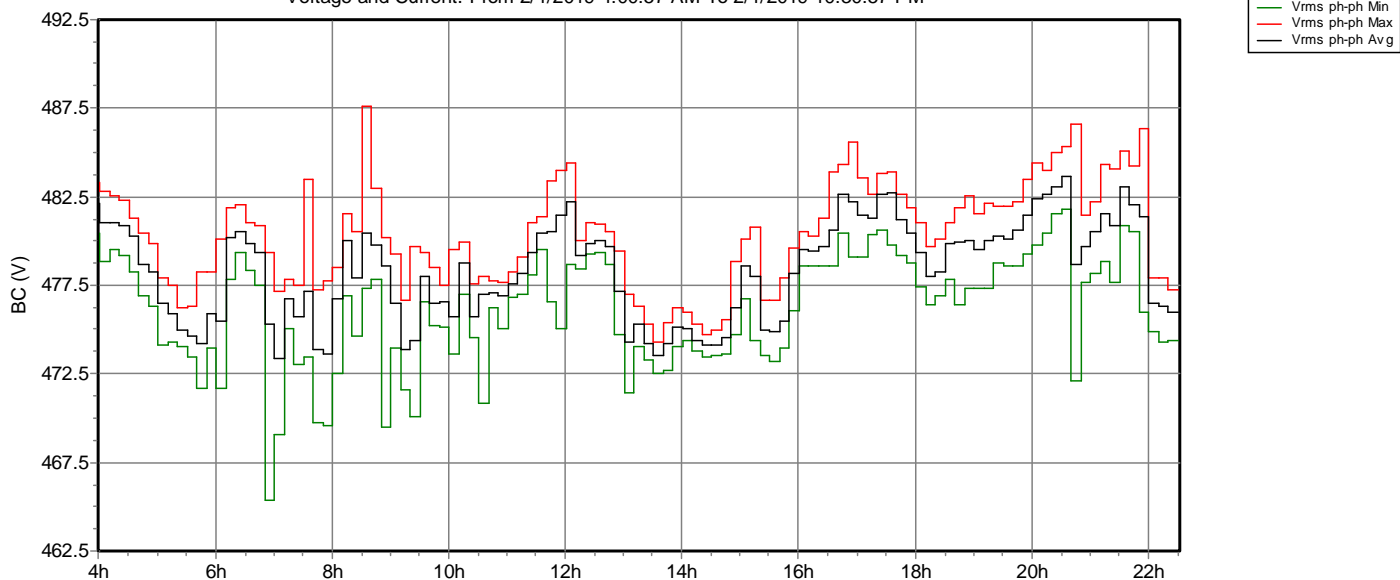
Events Summary

Dips	0
Swells	0
Transients	0
Interruptions	0
Voltage profiles	0
Rapid voltage changes	0
Screens	0
Waveforms	0
Intervals without measurements	0
Inrush current graphics	0
Wave events	0
RMS events	0

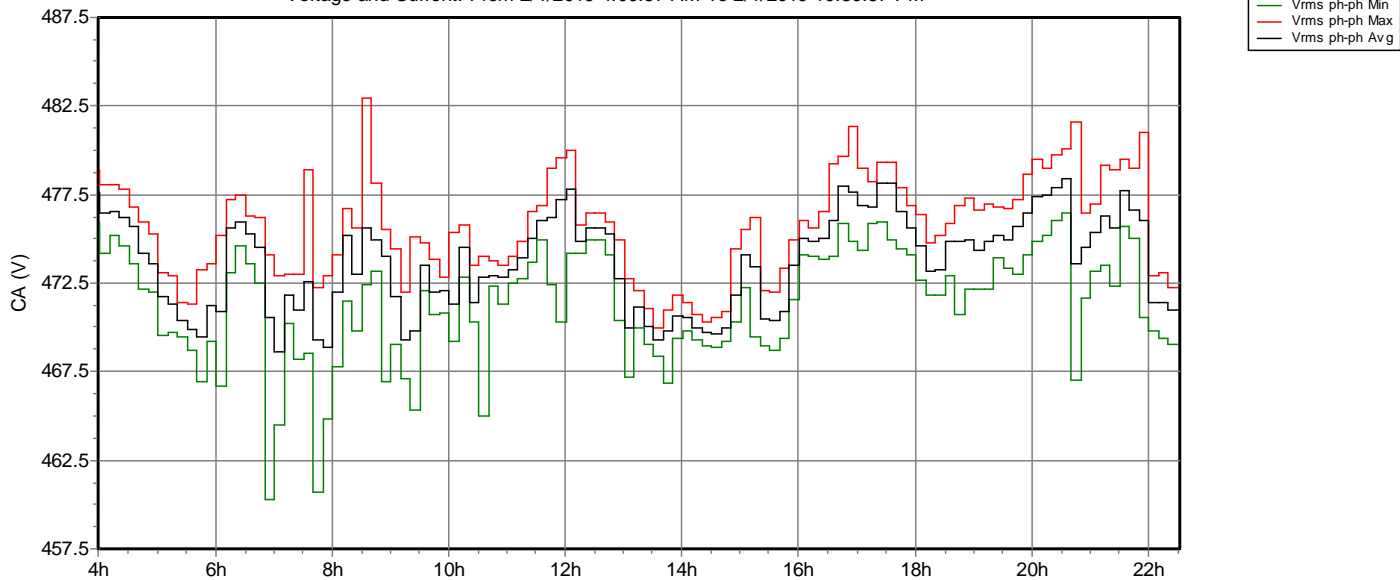
Voltage and Current. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



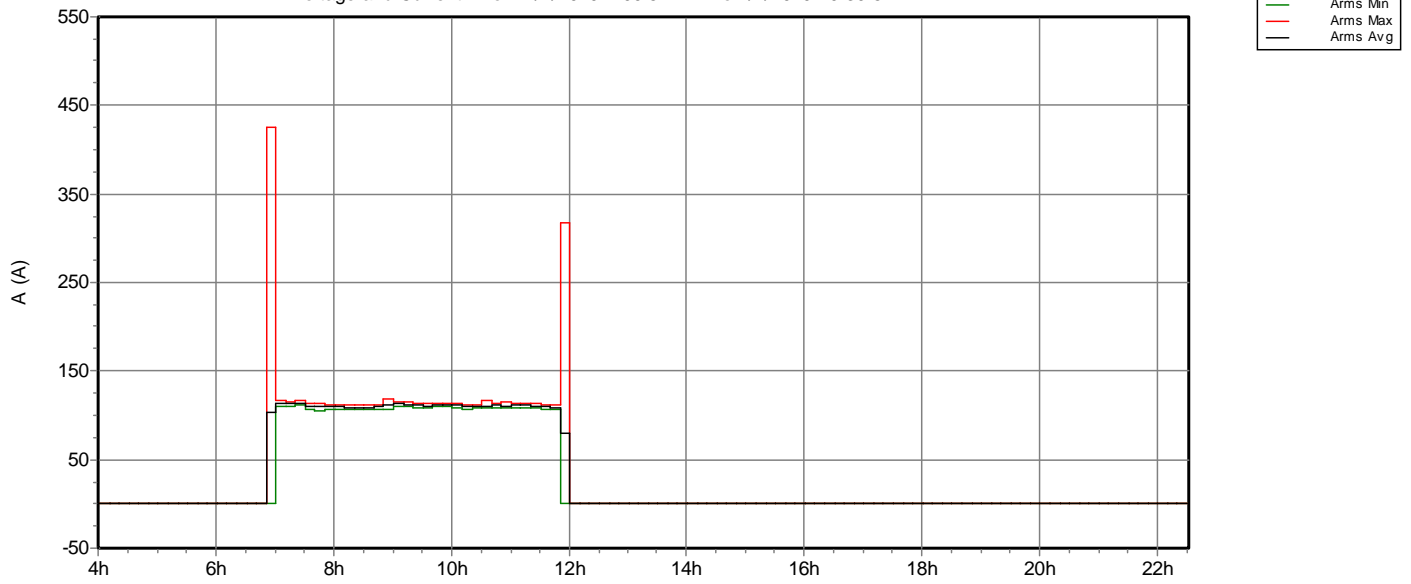
Voltage and Current. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



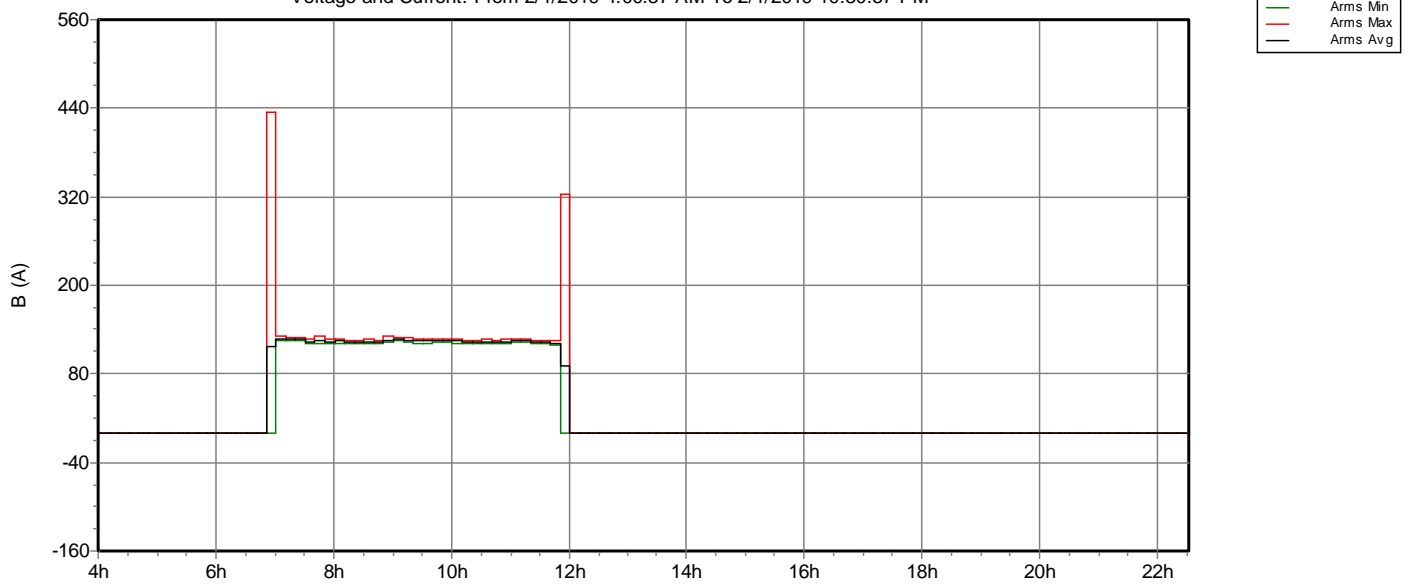
Voltage and Current. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



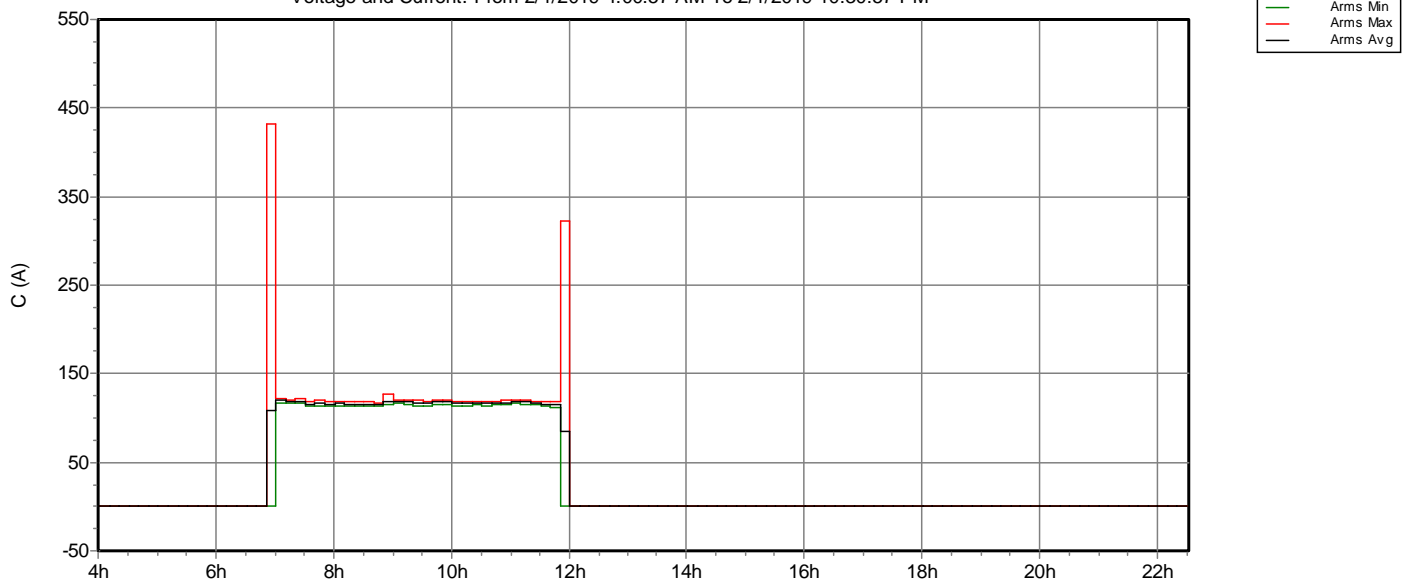
Voltage and Current. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



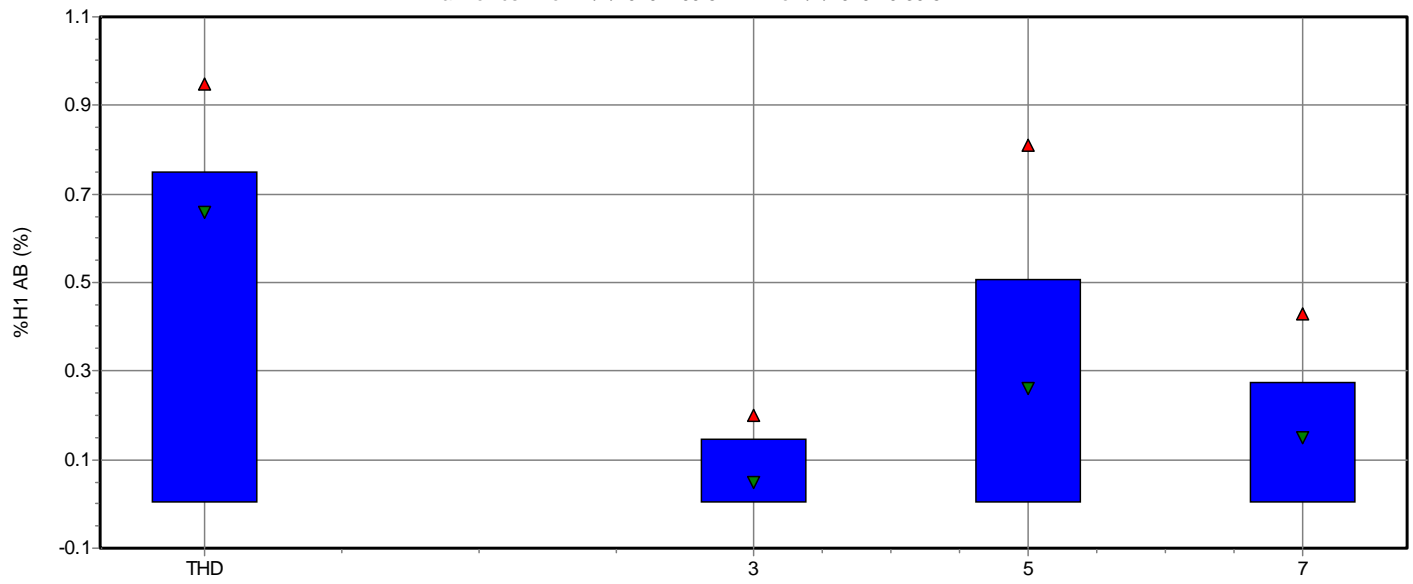
Voltage and Current. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



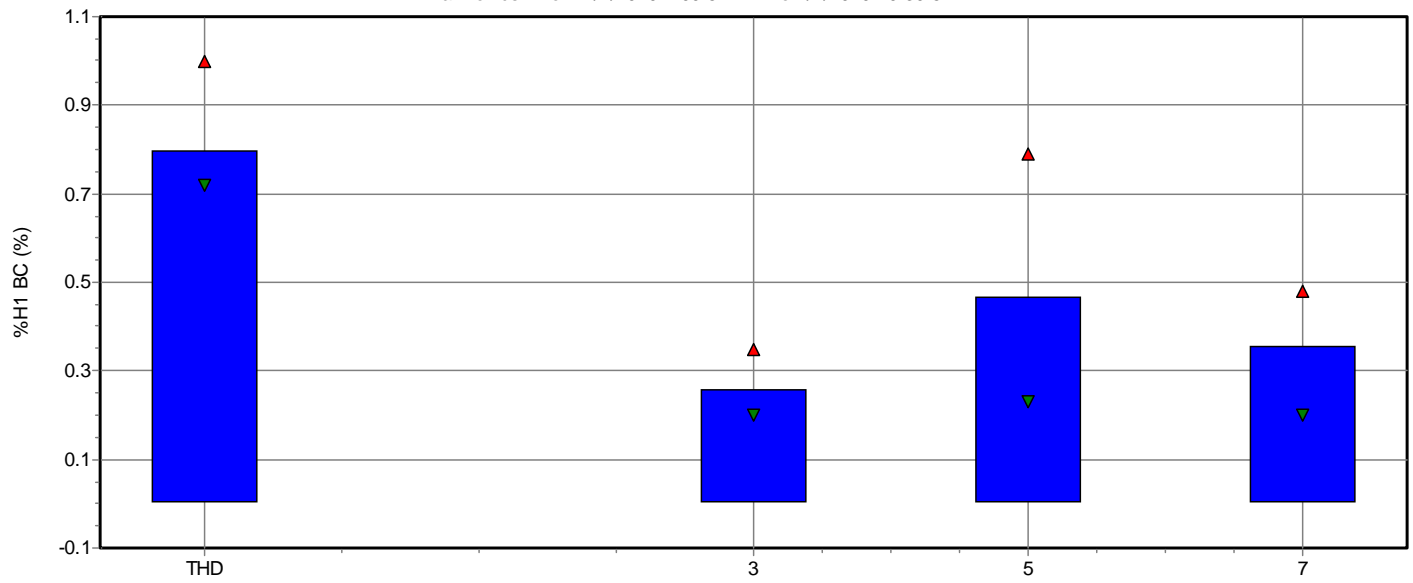
Voltage and Current. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



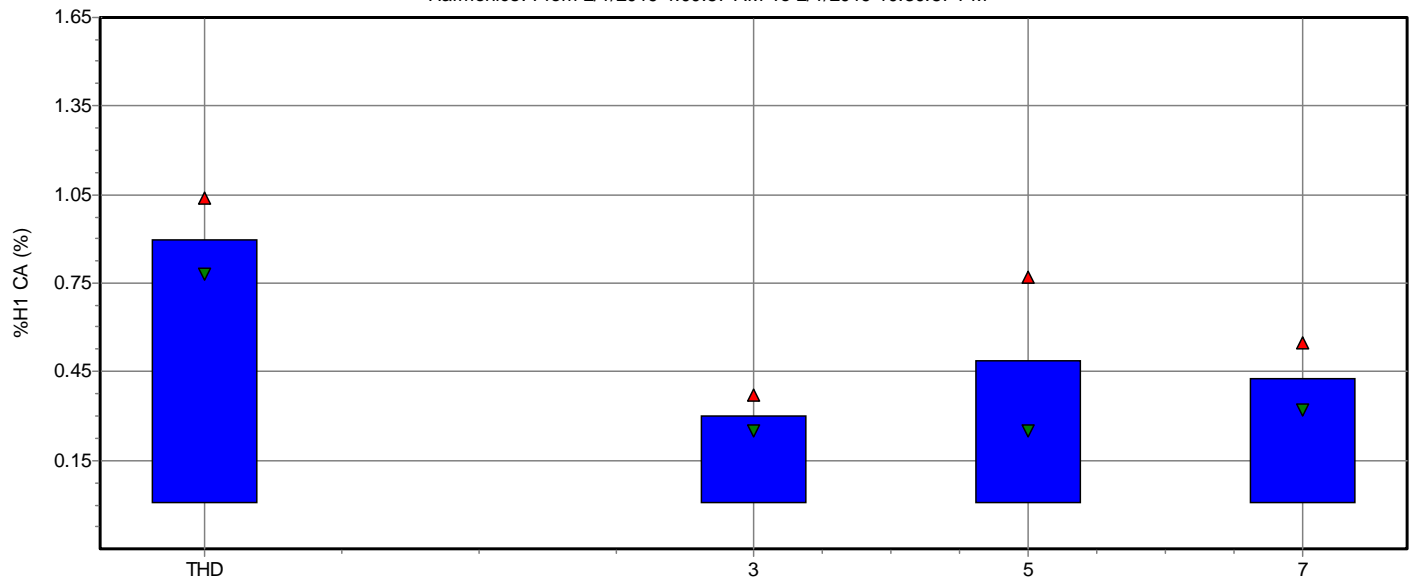
Harmonics. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



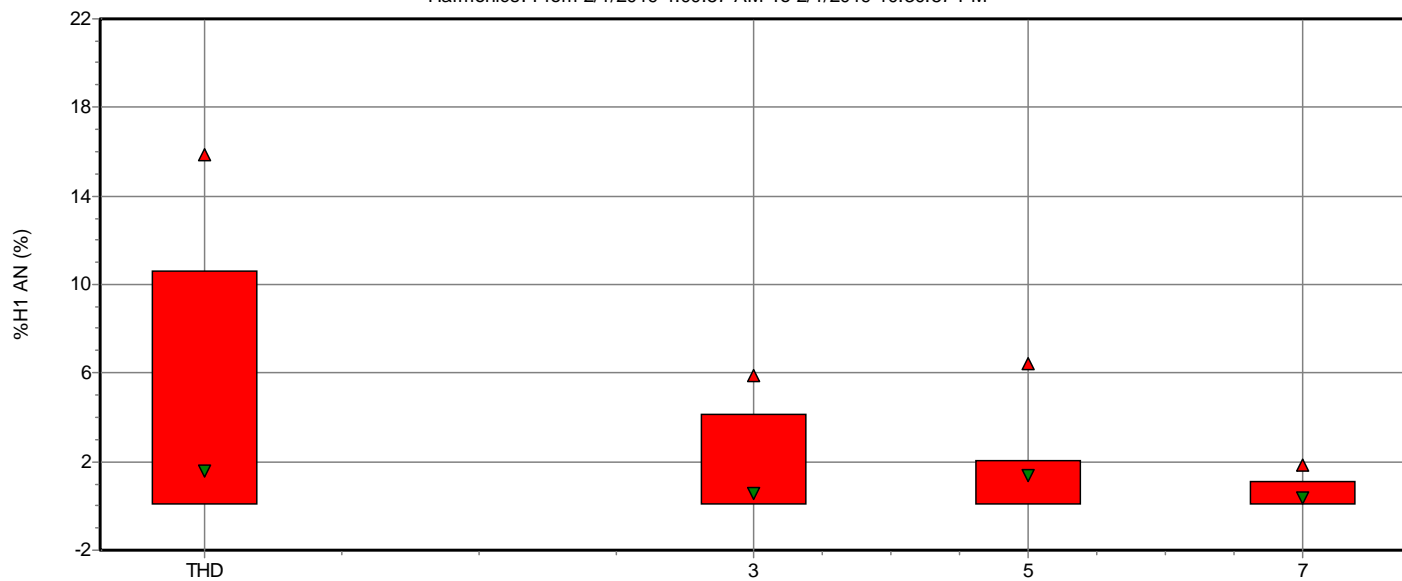
Harmonics. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



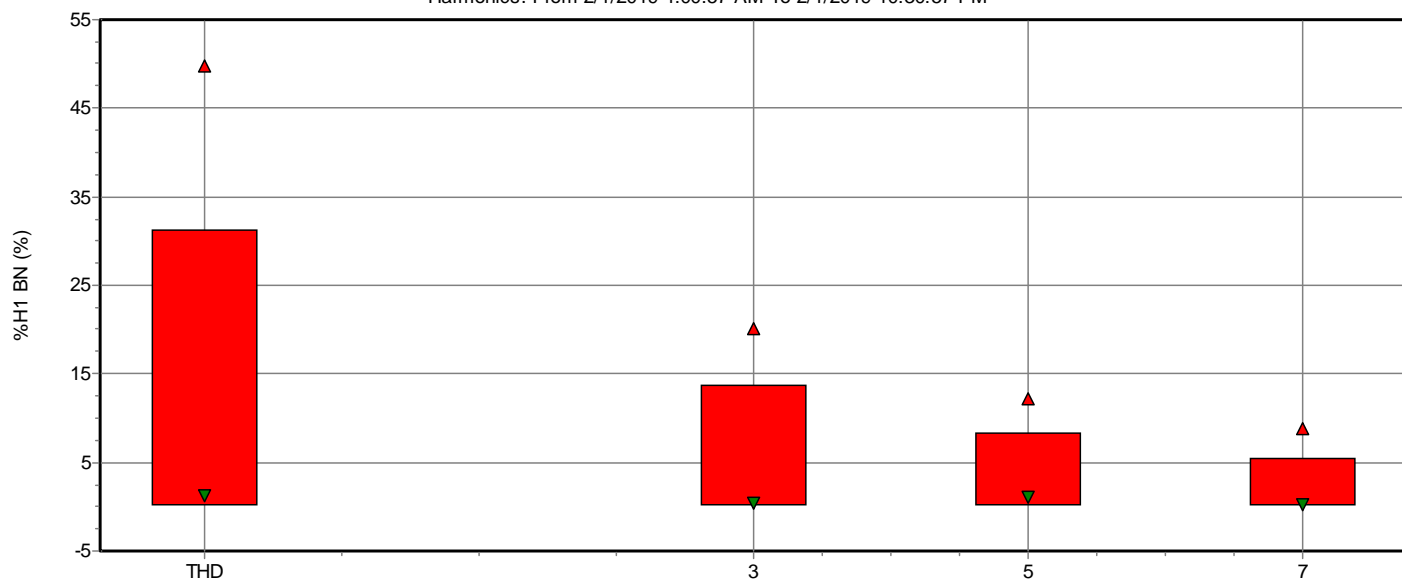
Harmonics. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



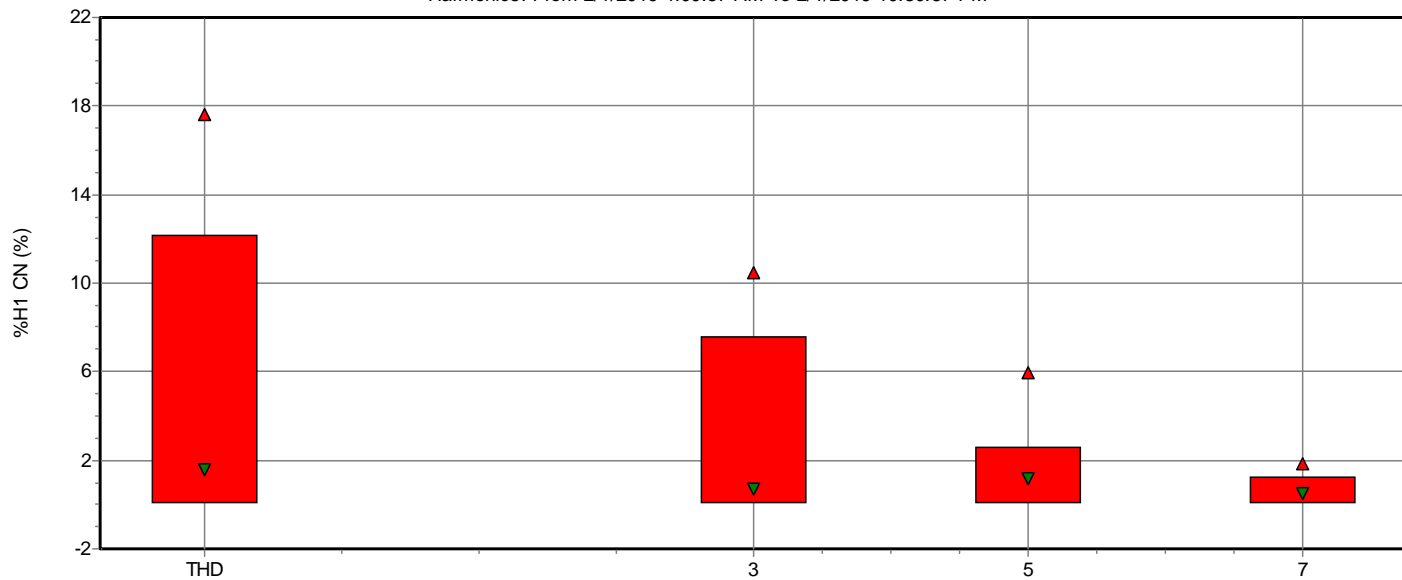
Harmonics. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM

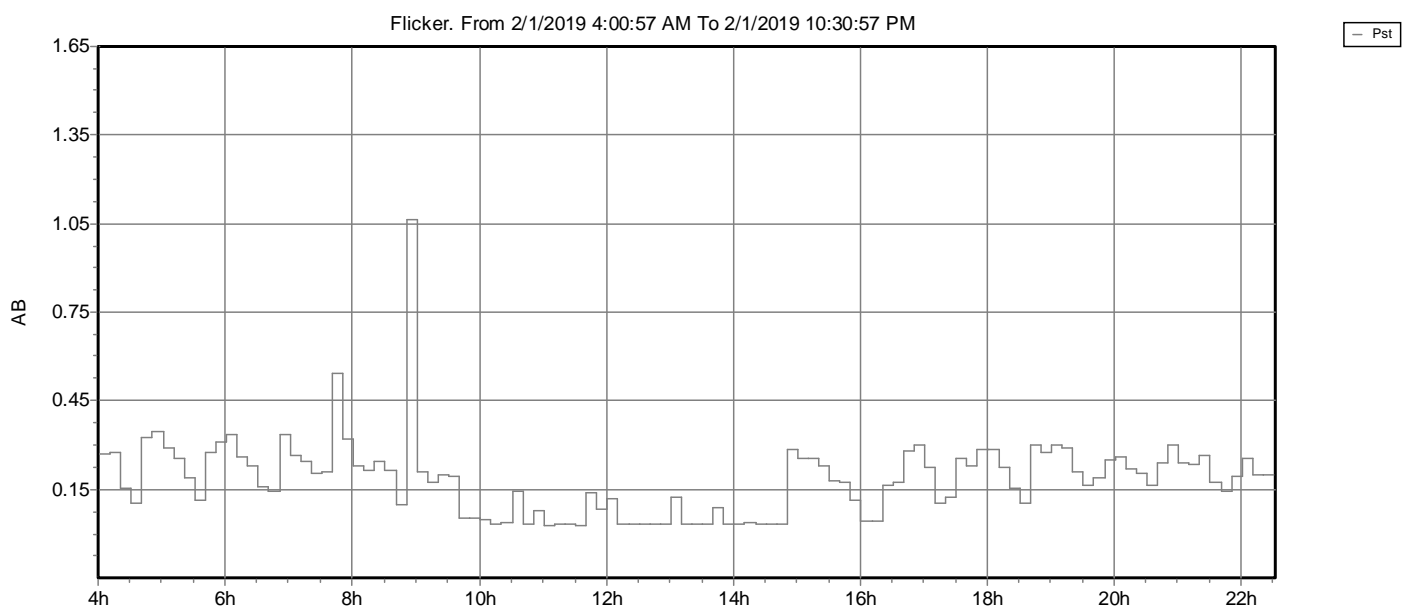
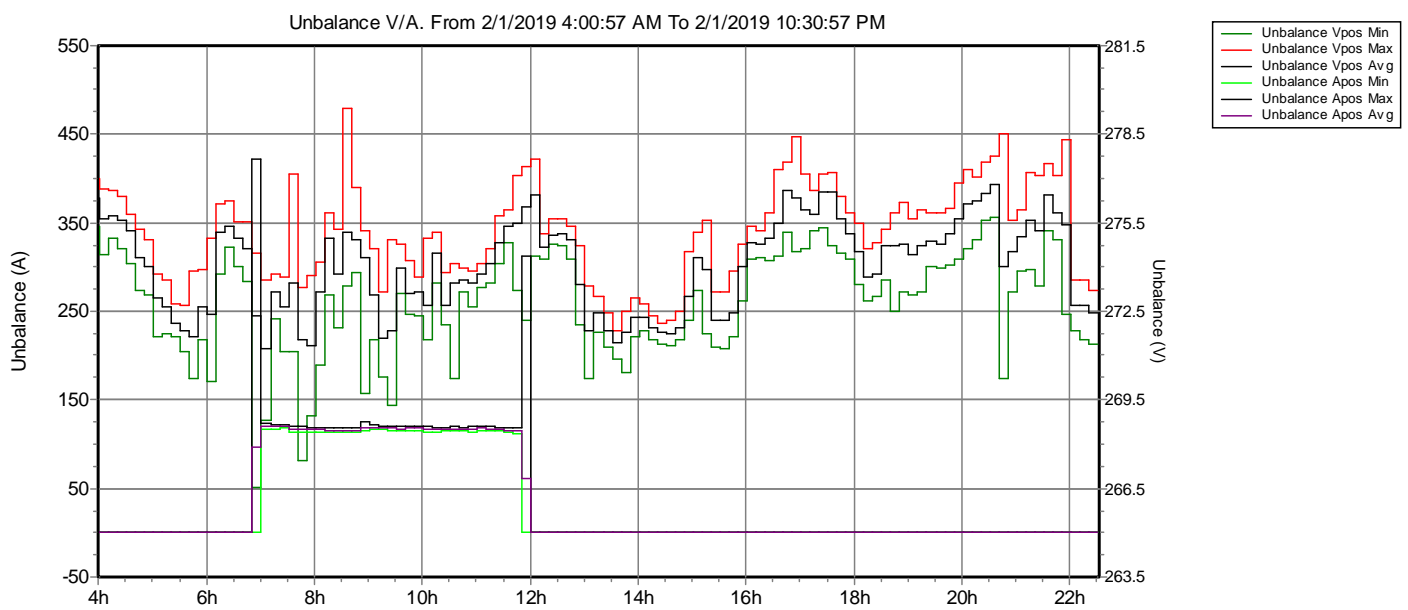
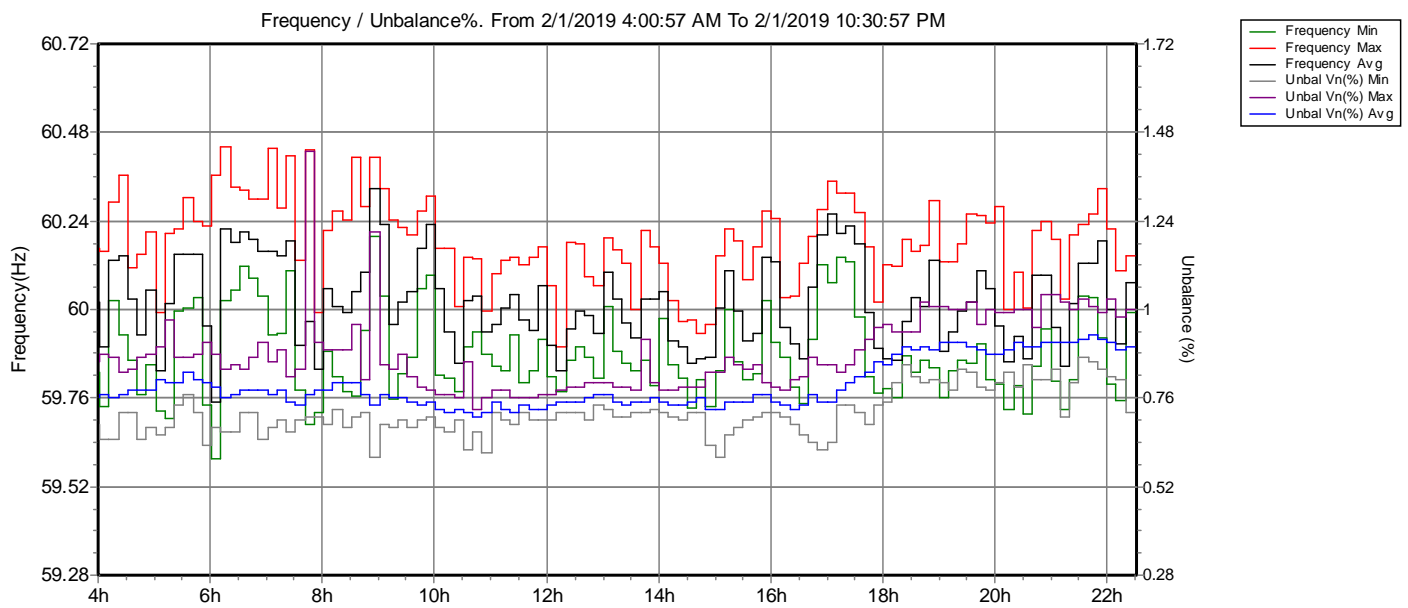


Harmonics. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM

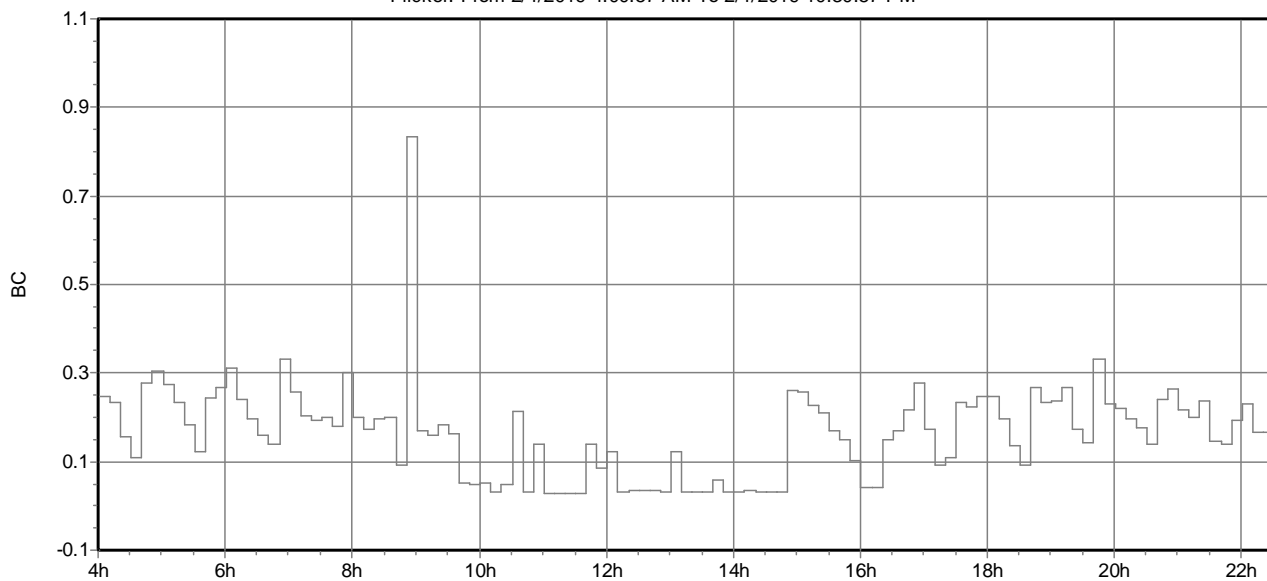


Harmonics. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM

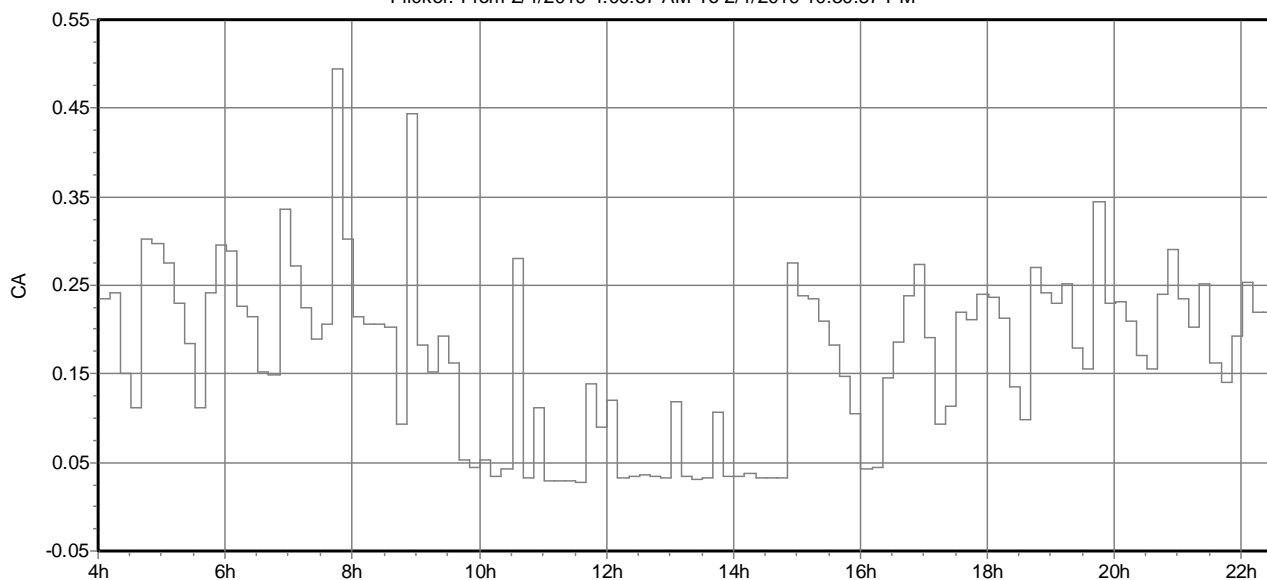




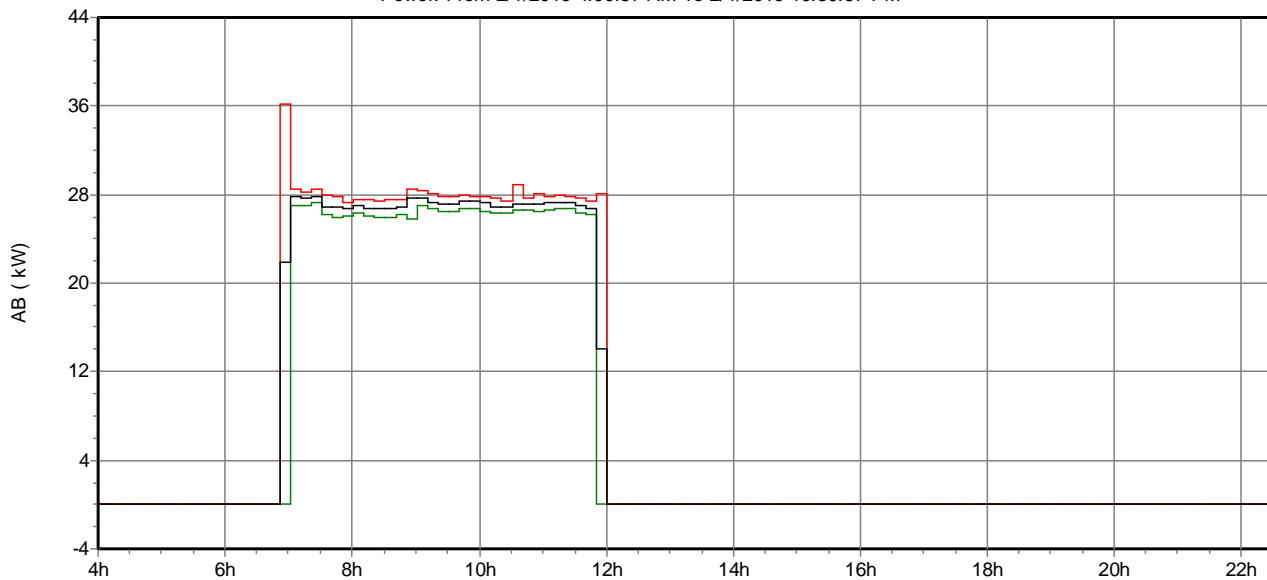
Flicker. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM

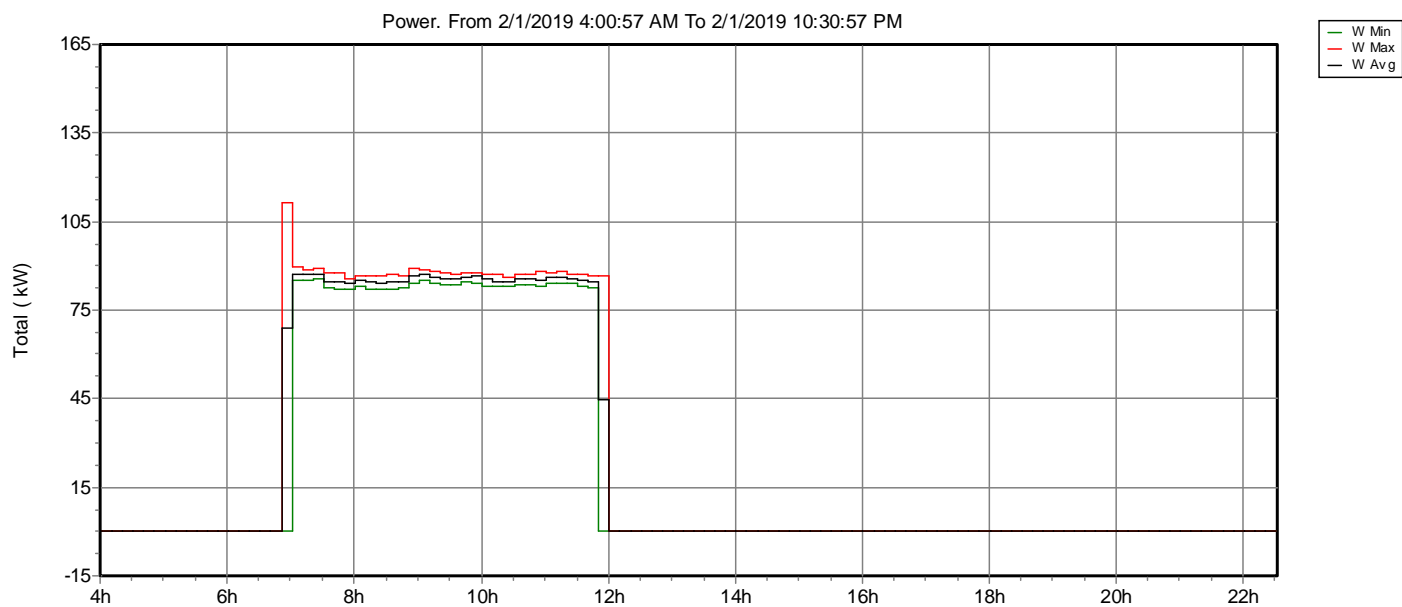
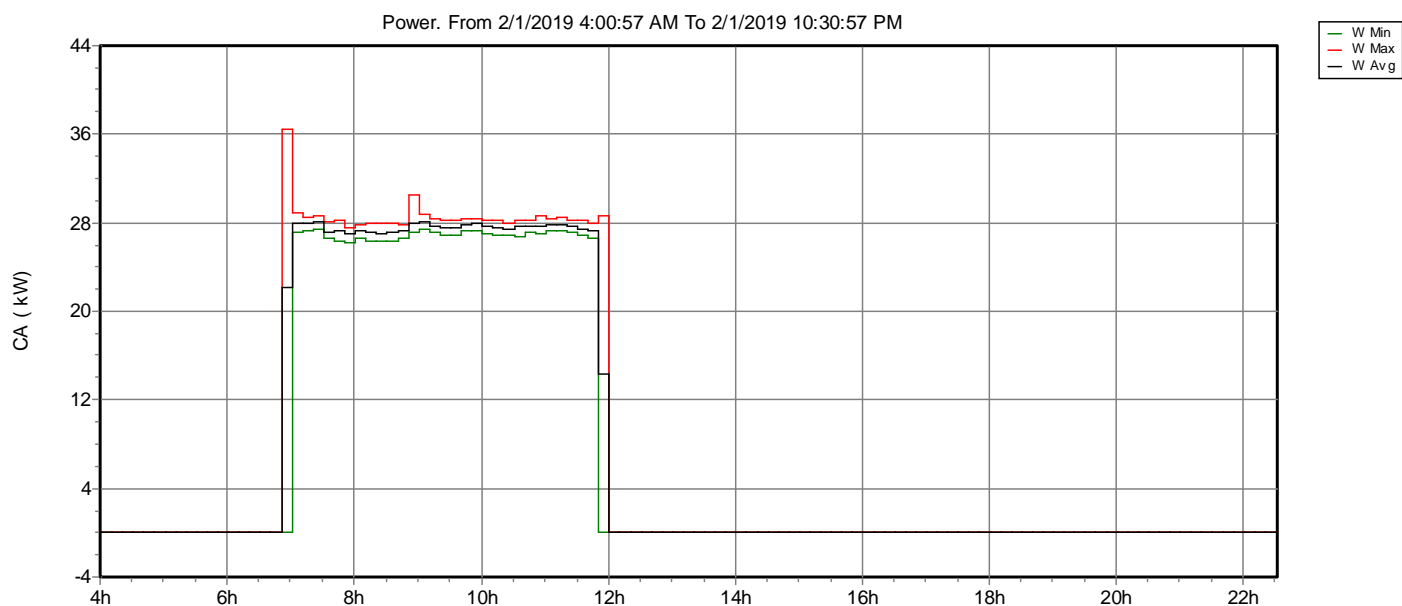
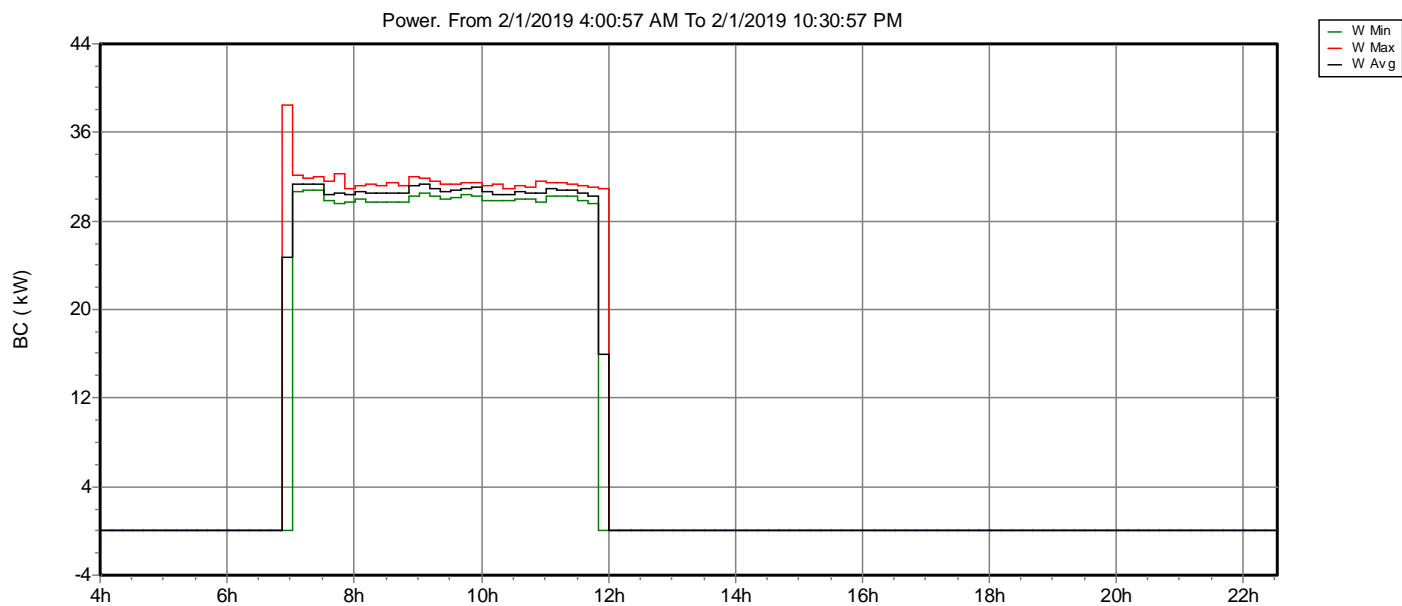


Flicker. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM

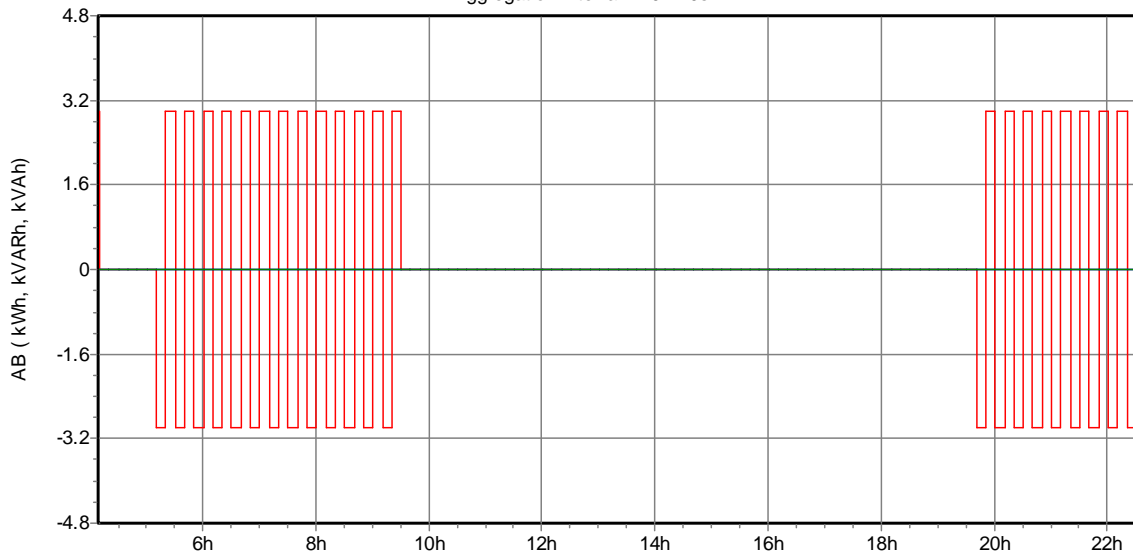


Power. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



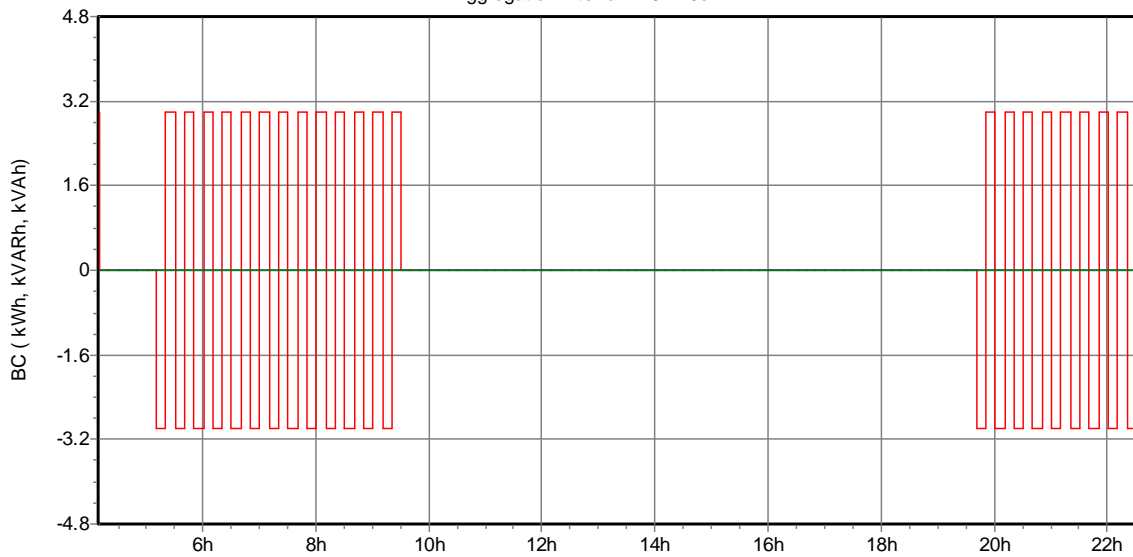


Energy. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM
Aggregation interval: 10m. 0s.



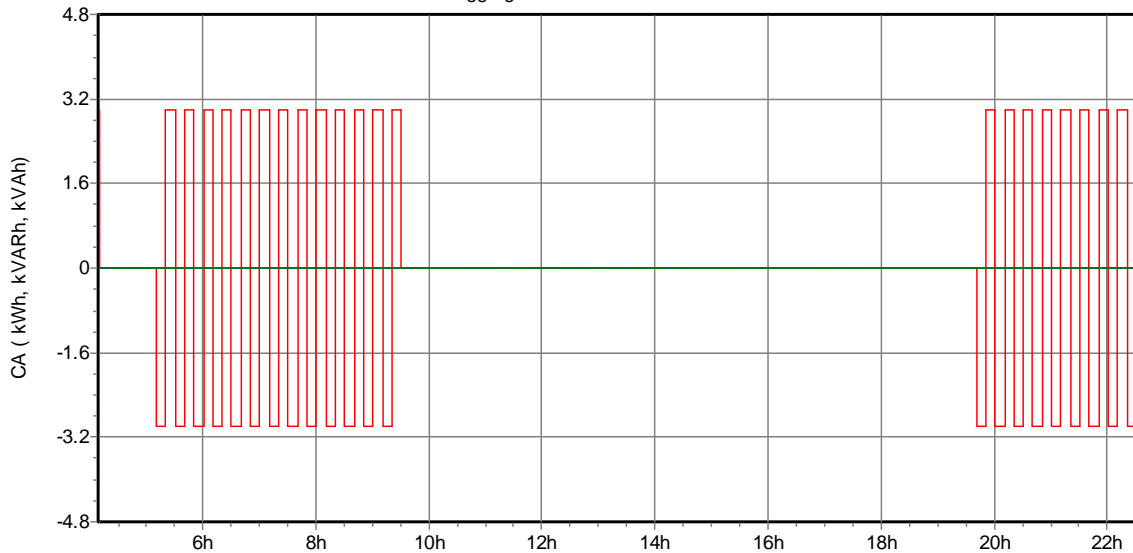
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Energy. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM
Aggregation interval: 10m. 0s.



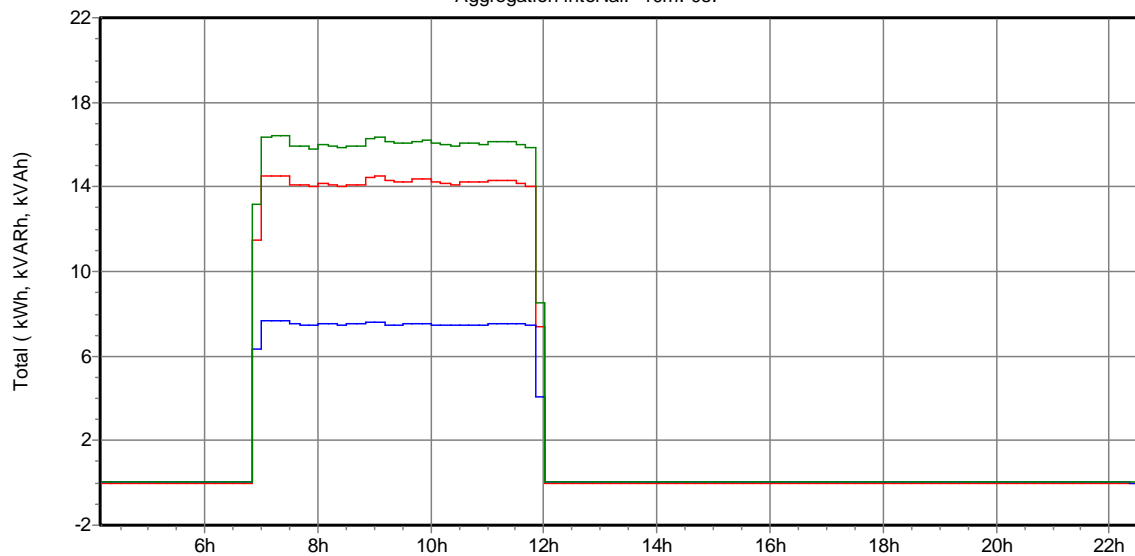
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Energy. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM
Aggregation interval: 10m. 0s.

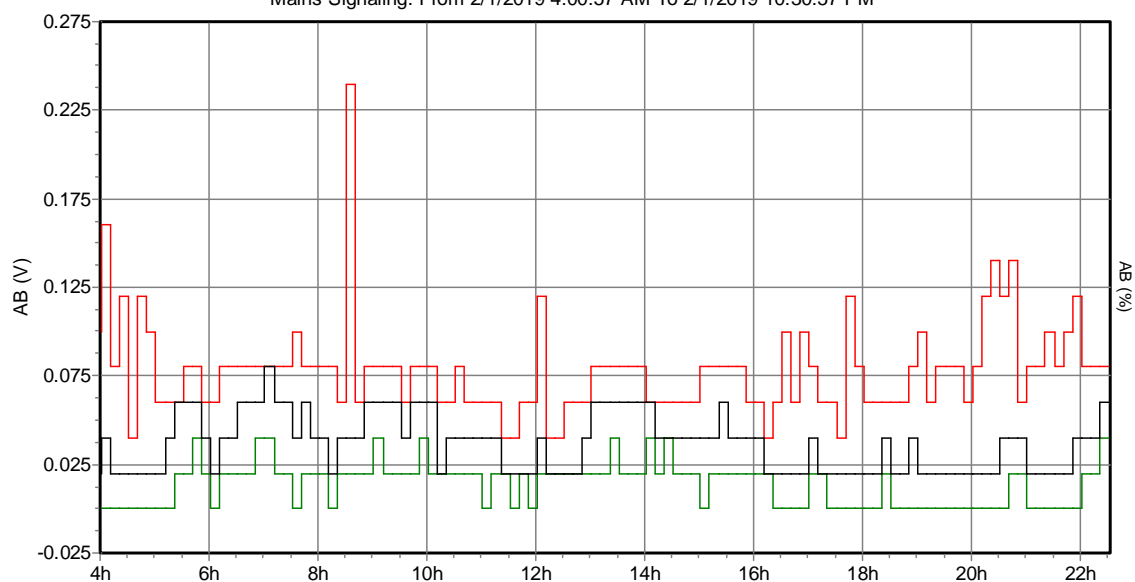


Active Energy Max
Reactive Energy Max
Apparent Energy Max

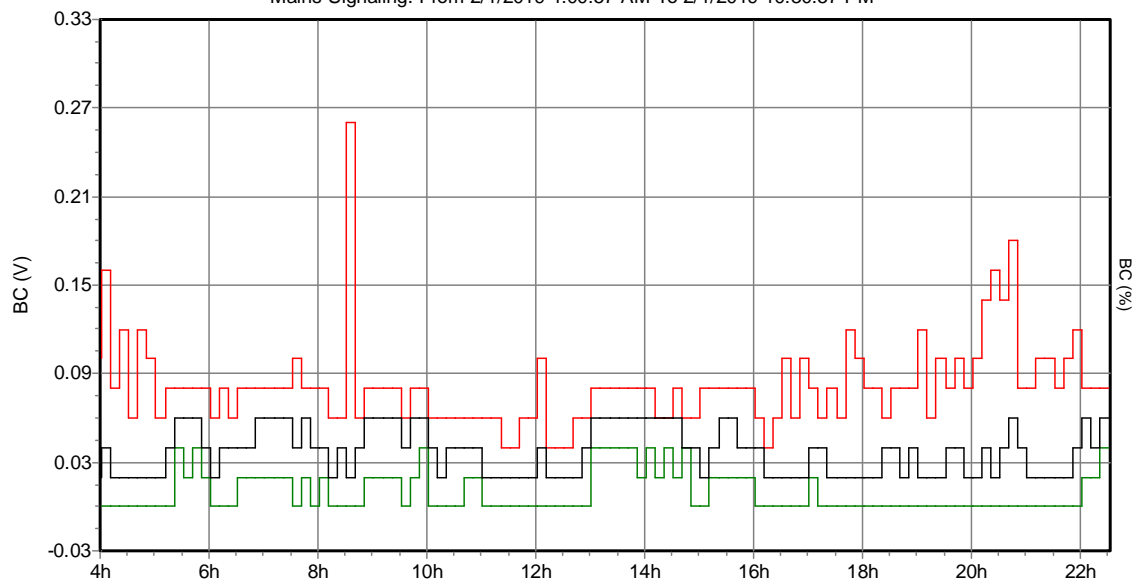
Energy. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM
Aggregation interval: 10m. 0s.

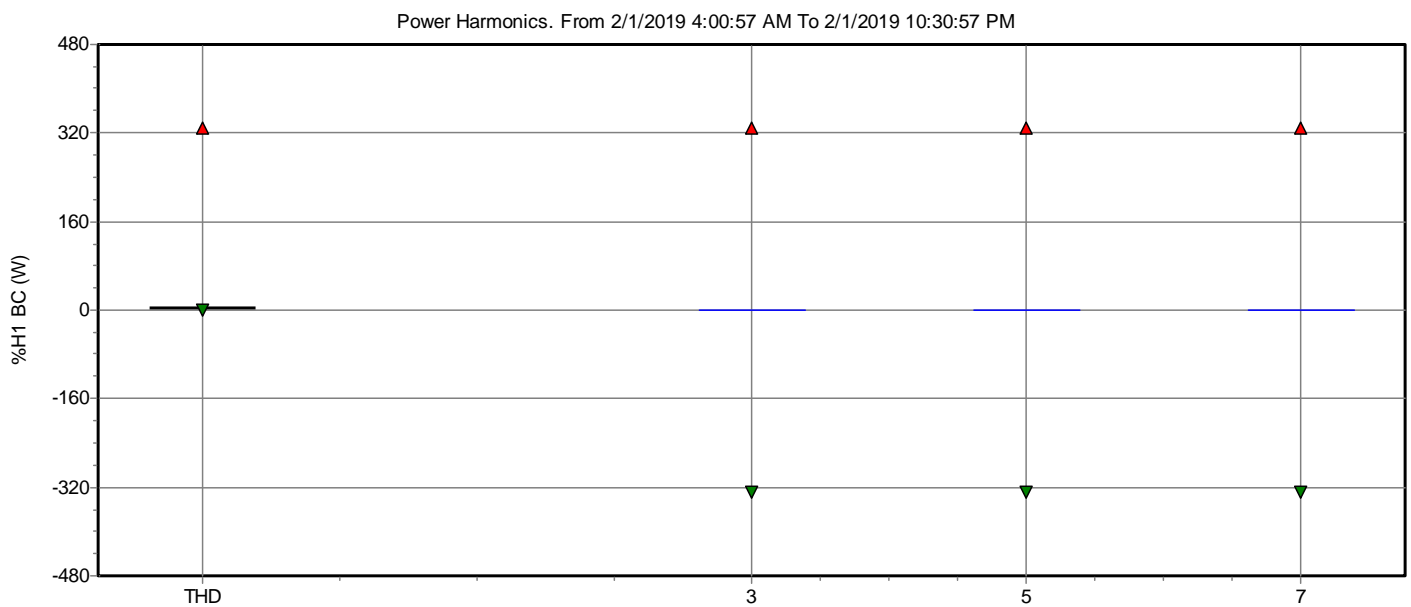
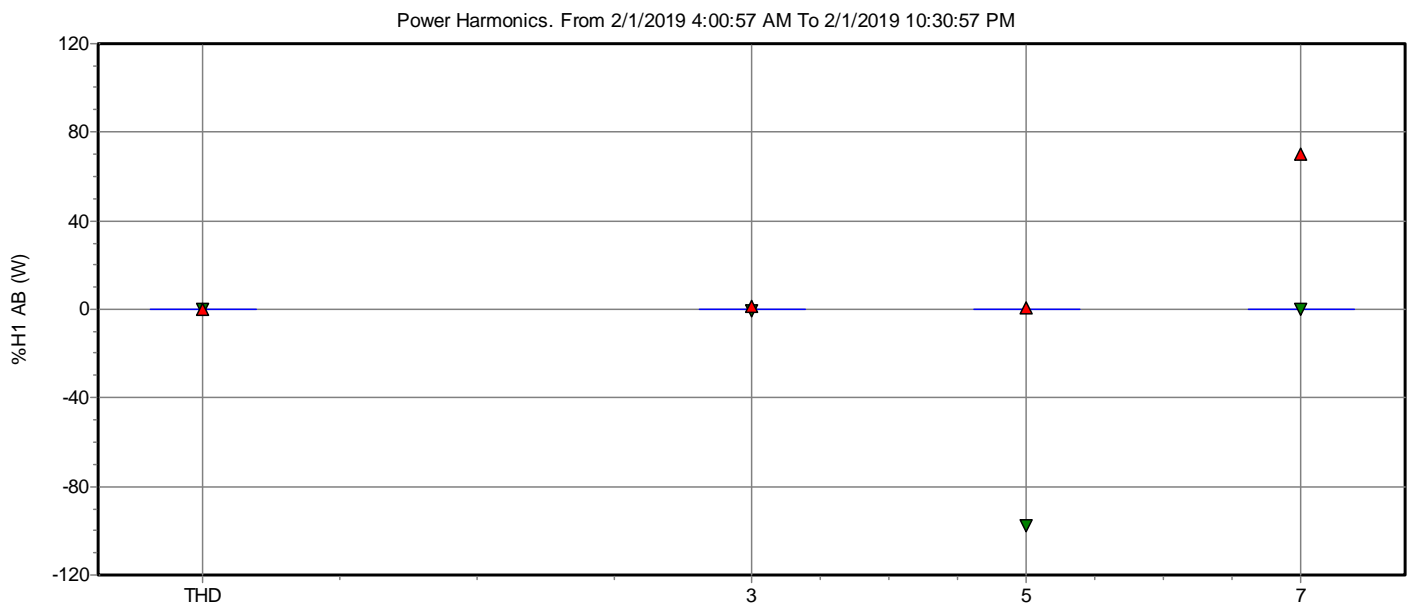
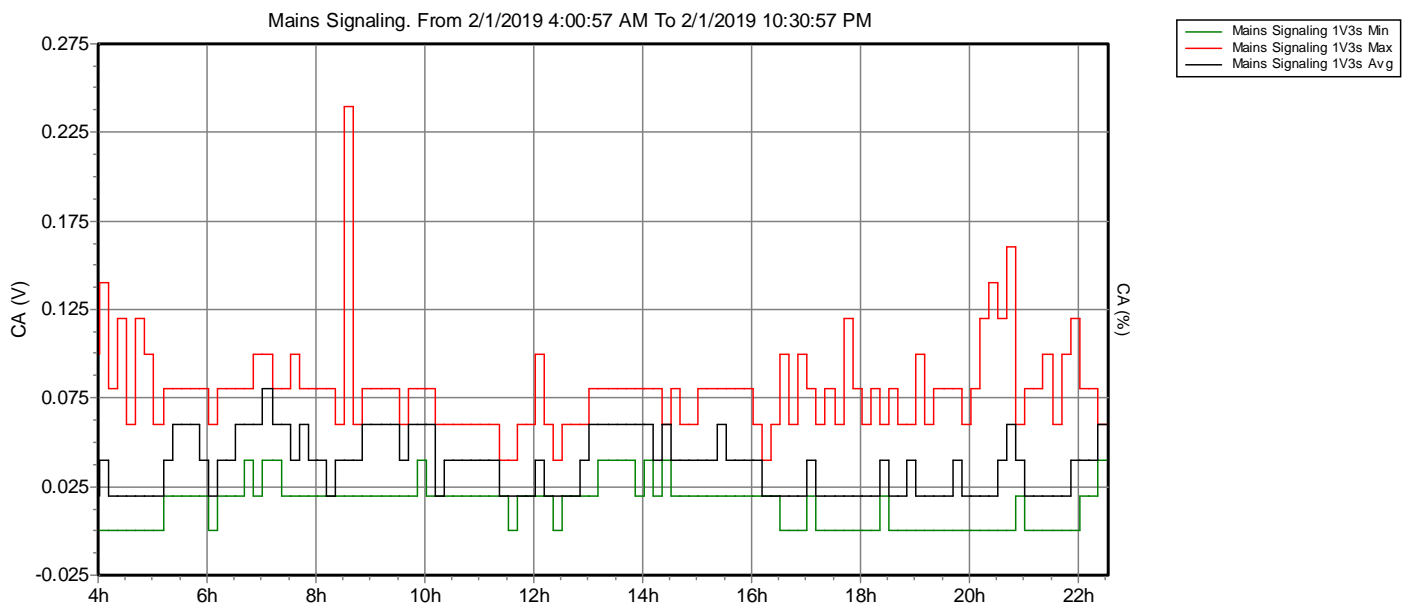


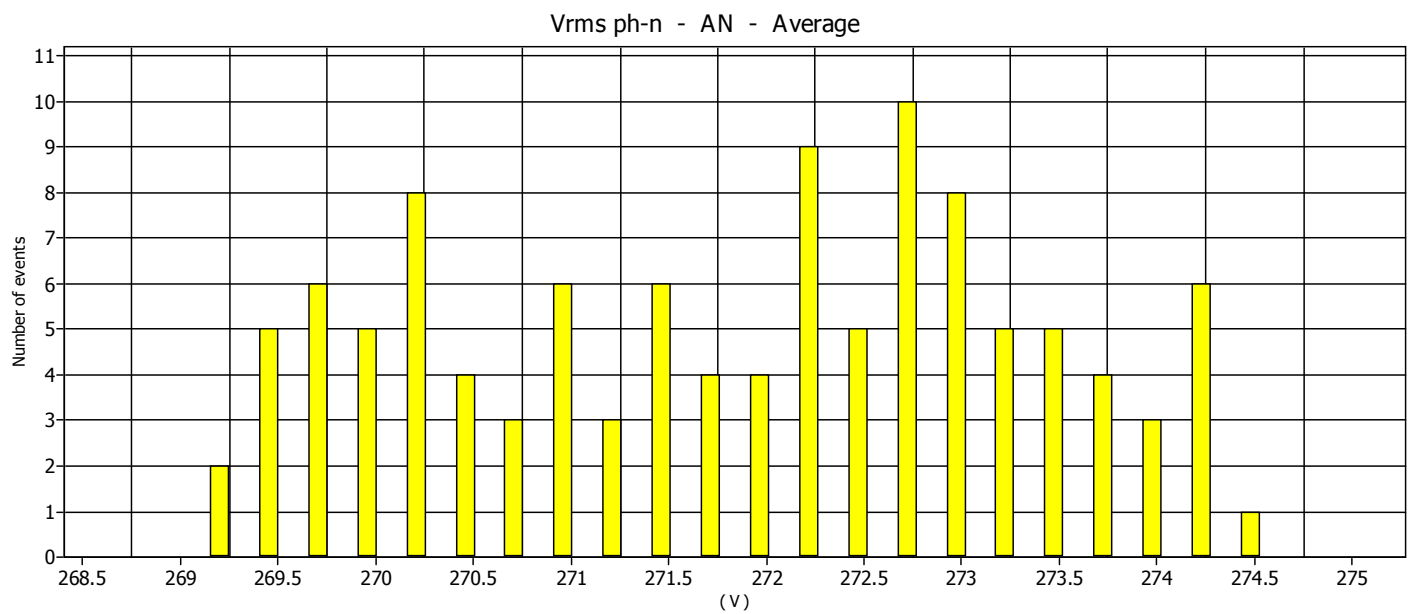
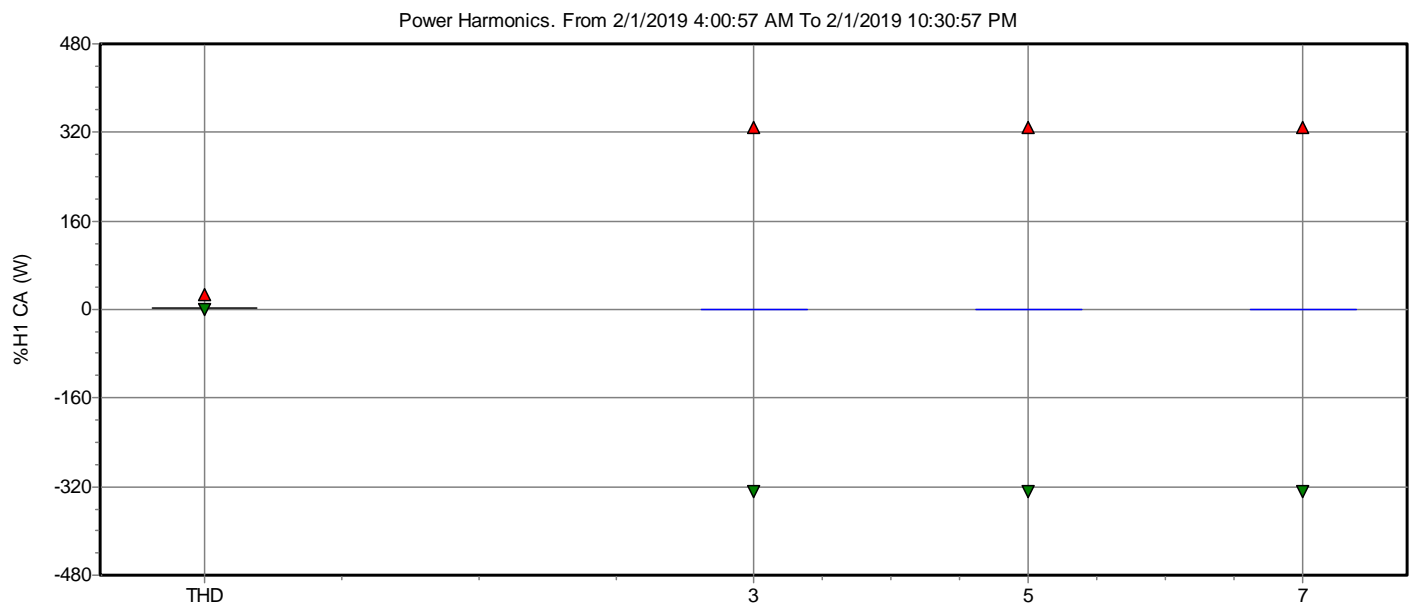
Mains Signaling. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM



Mains Signaling. From 2/1/2019 4:00:57 AM To 2/1/2019 10:30:57 PM







Measurement Summary

Measurement topology	3-element delta mode
Application mode	Logger
First recording	2/3/2019 12:53:24 AM 751msec
Last recording	2/4/2019 10:23:24 PM 751msec
Recording interval	0h 10m 0s 0msec
Nominal Voltage	480 V
Nominal Current	250 A
Nominal Frequency	60 Hz
File start time	2/3/2019 12:43:24 AM 751msec
File end time	2/4/2019 10:23:24 PM 751msec
Duration	1d 21h 40m 0s 0msec
Number of events	Normal: 2 Detailed: 8
Events downloaded	No
Number of screens	0
Screens downloaded	Yes
Power measurement method	Unified
Cable type	Copper
Harmonic scale	%H1
THD mode	THD 40
CosPhi / DPF mode	DPF

Scaling

Phase:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1
Neutral:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	250 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1

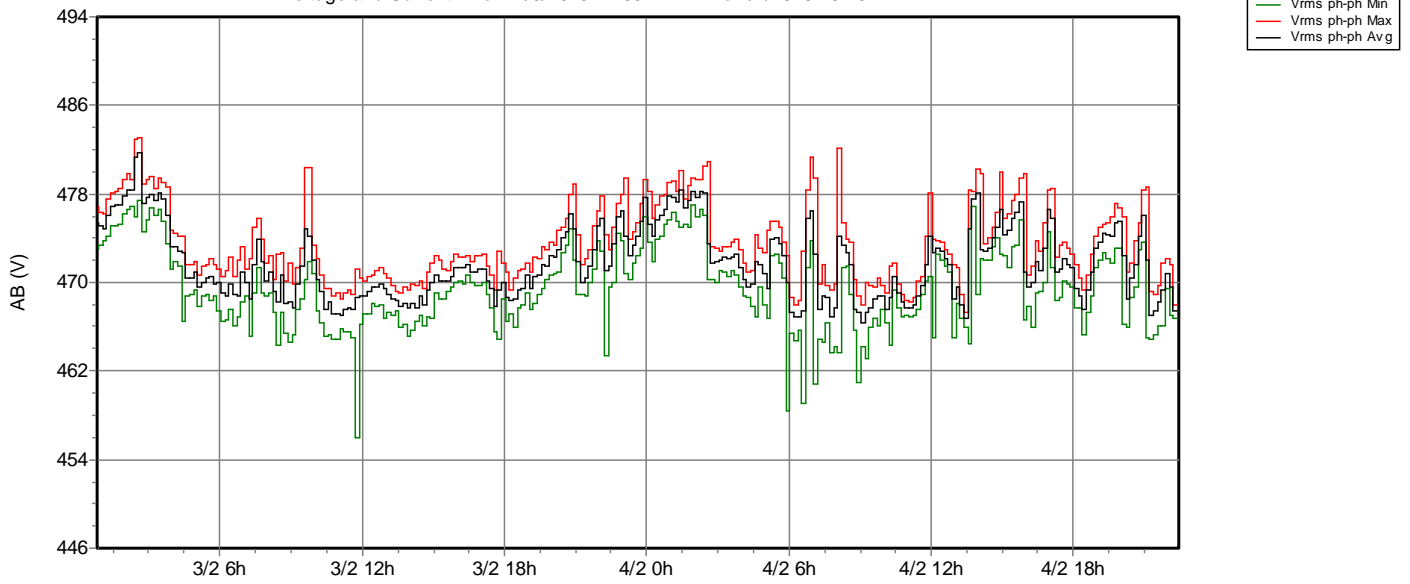
Recording Summary

RMS recordings	274
DC recordings	0
Frequency recordings	274
Unbalance recordings	274
Harmonic recordings	274
Power harmonic recordings	274
Power recordings	274
Power unbalance recordings	0
Energy recordings	274
Energy losses recordings	0
Flicker recordings	274
Mains signaling recordings	274

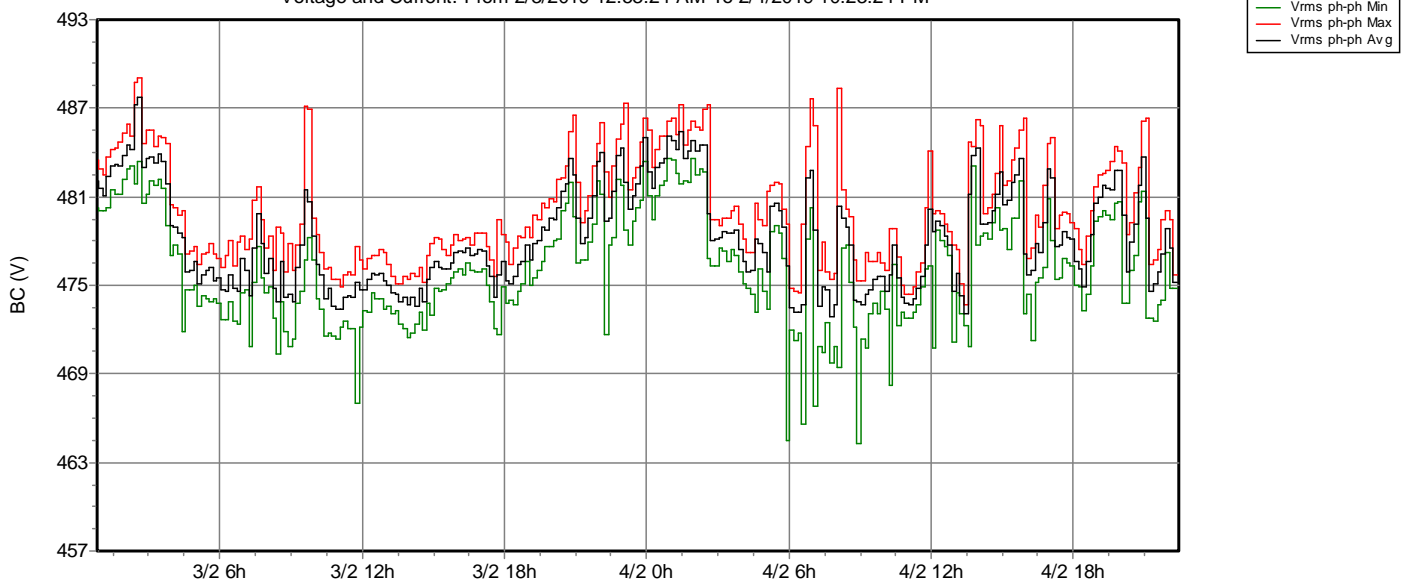
Events Summary

Dips	0
Swells	0
Transients	0
Interruptions	0
Voltage profiles	0
Rapid voltage changes	0
Screens	0
Waveforms	0
Intervals without measurements	0
Inrush current graphics	0
Wave events	0
RMS events	0

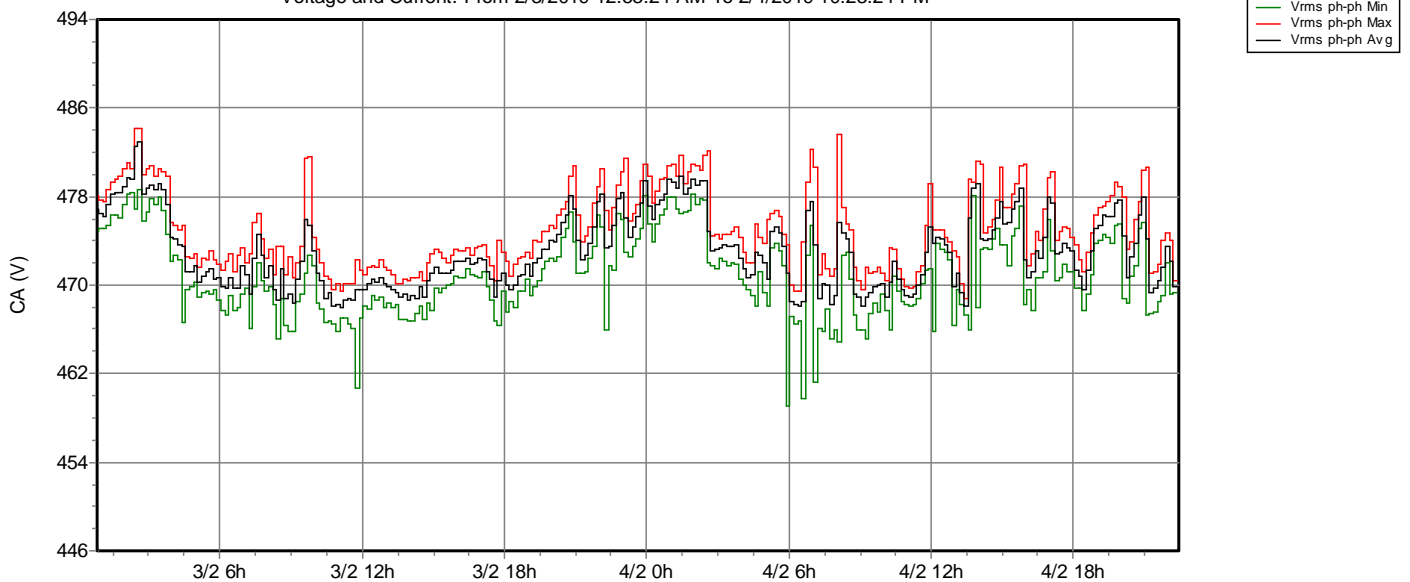
Voltage and Current. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



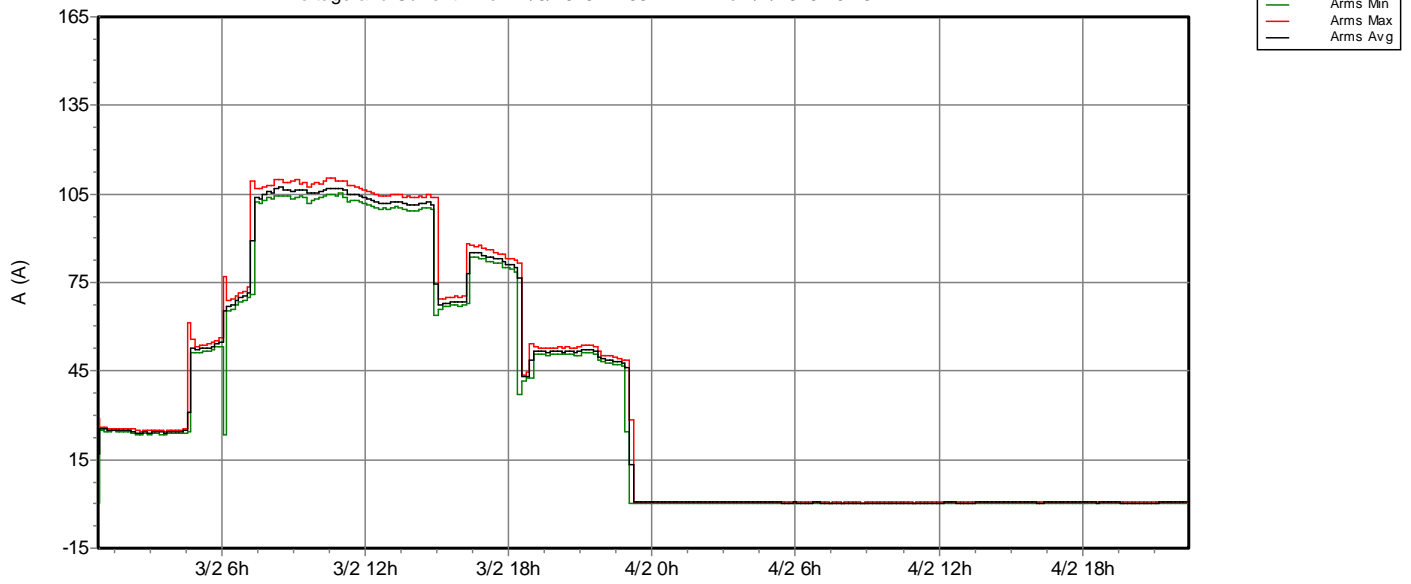
Voltage and Current. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



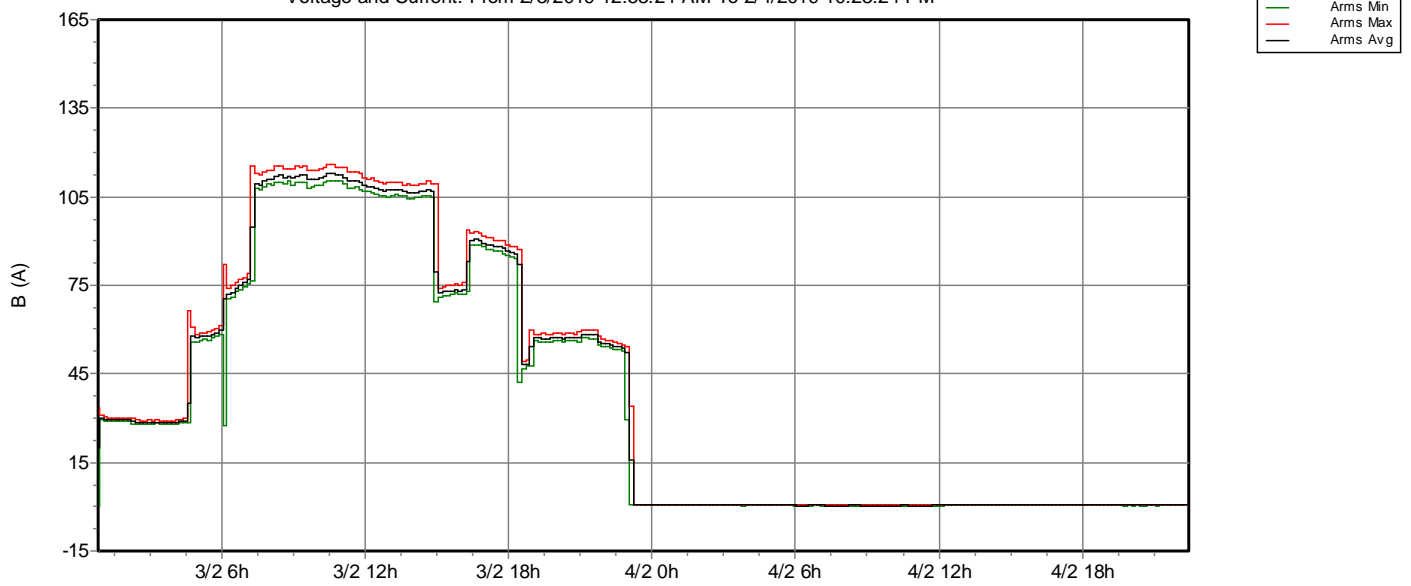
Voltage and Current. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



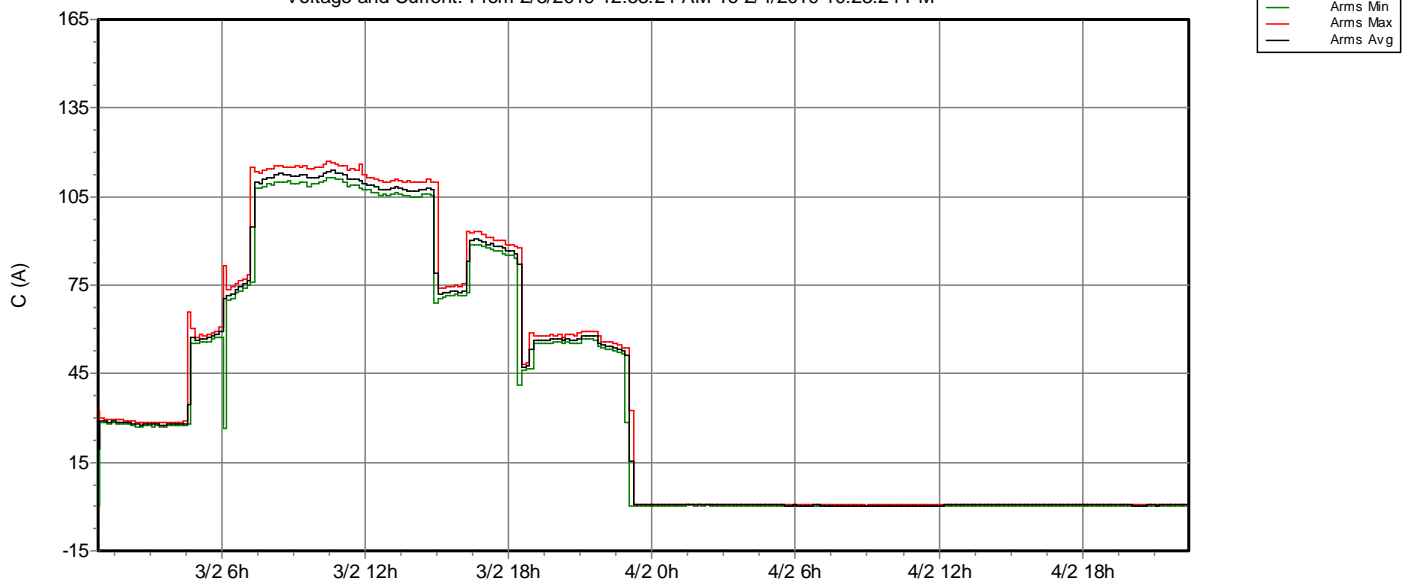
Voltage and Current. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



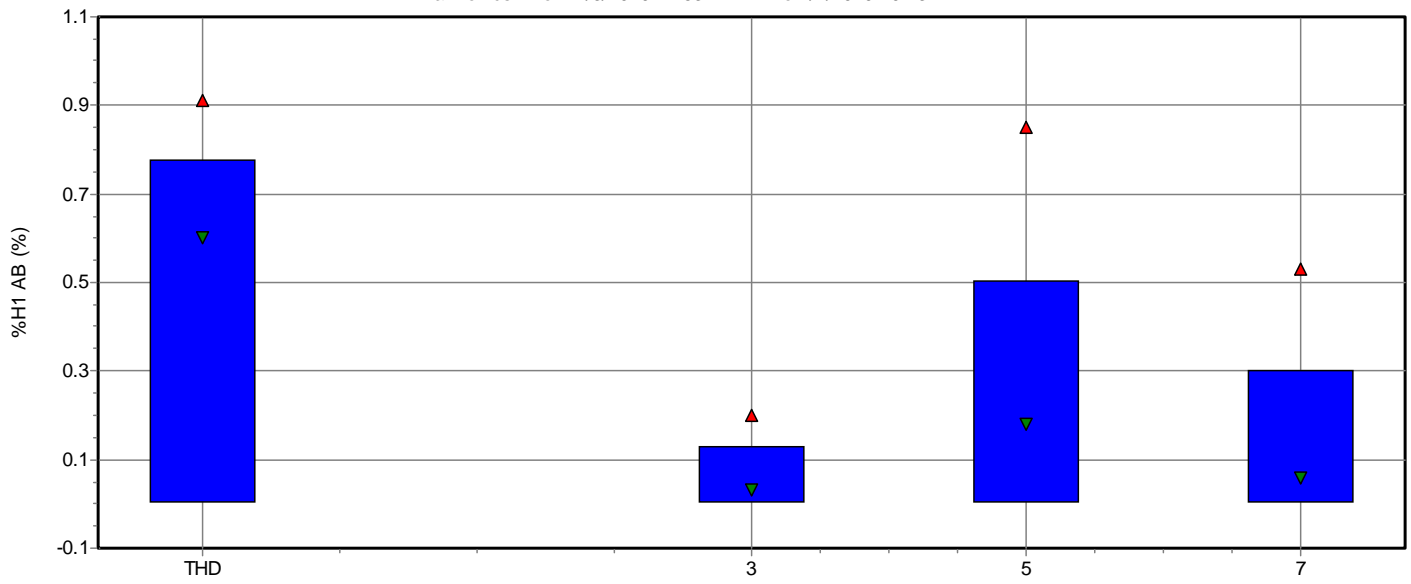
Voltage and Current. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



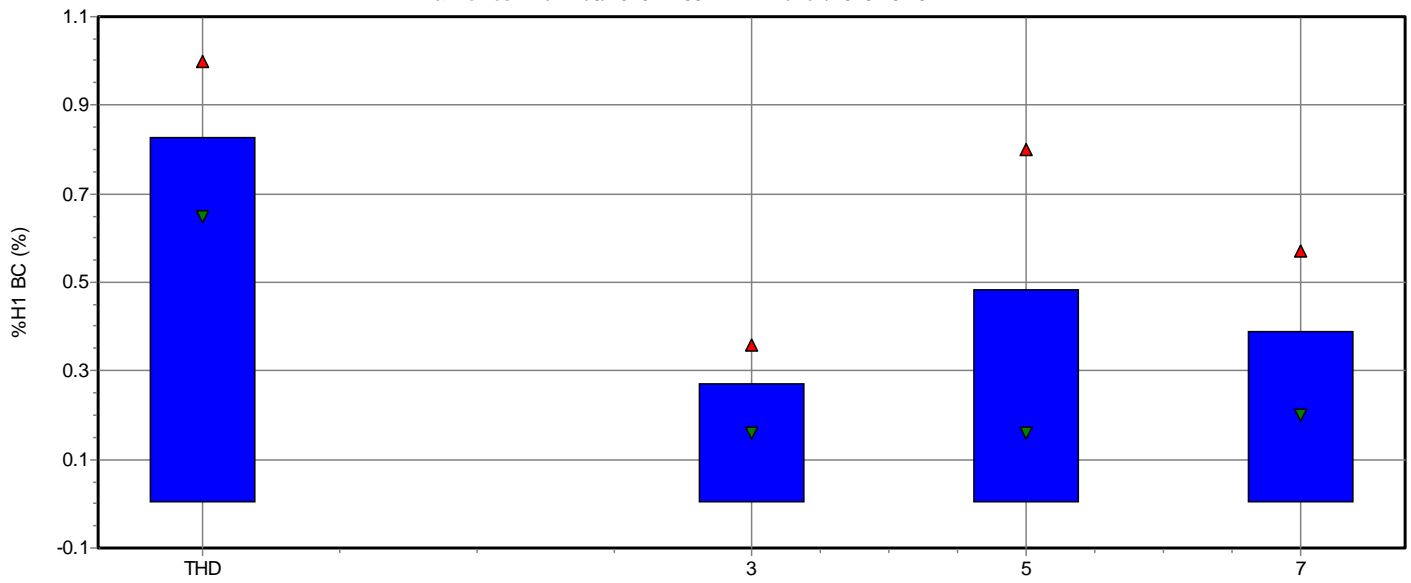
Voltage and Current. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



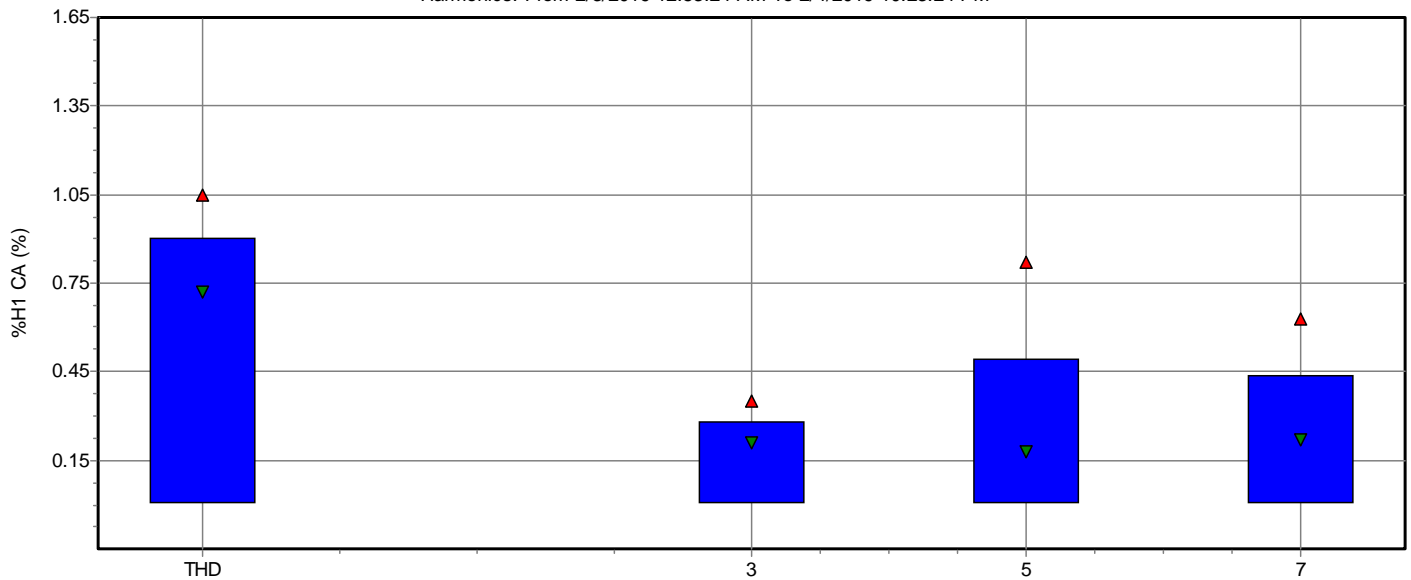
Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



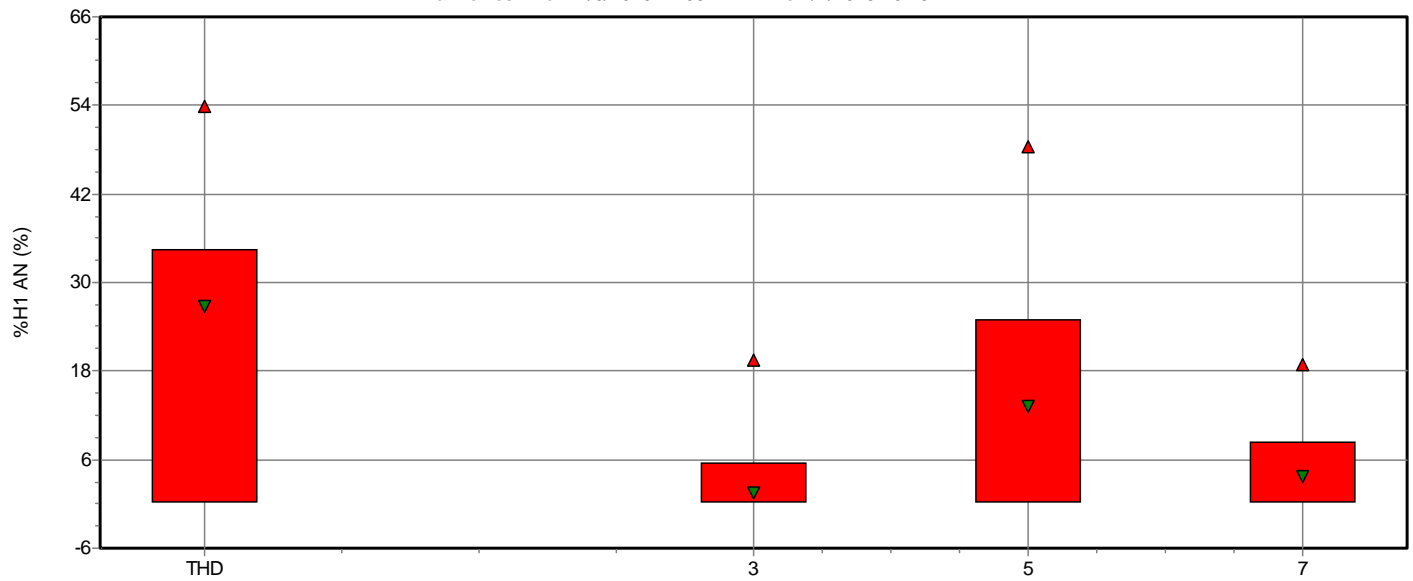
Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



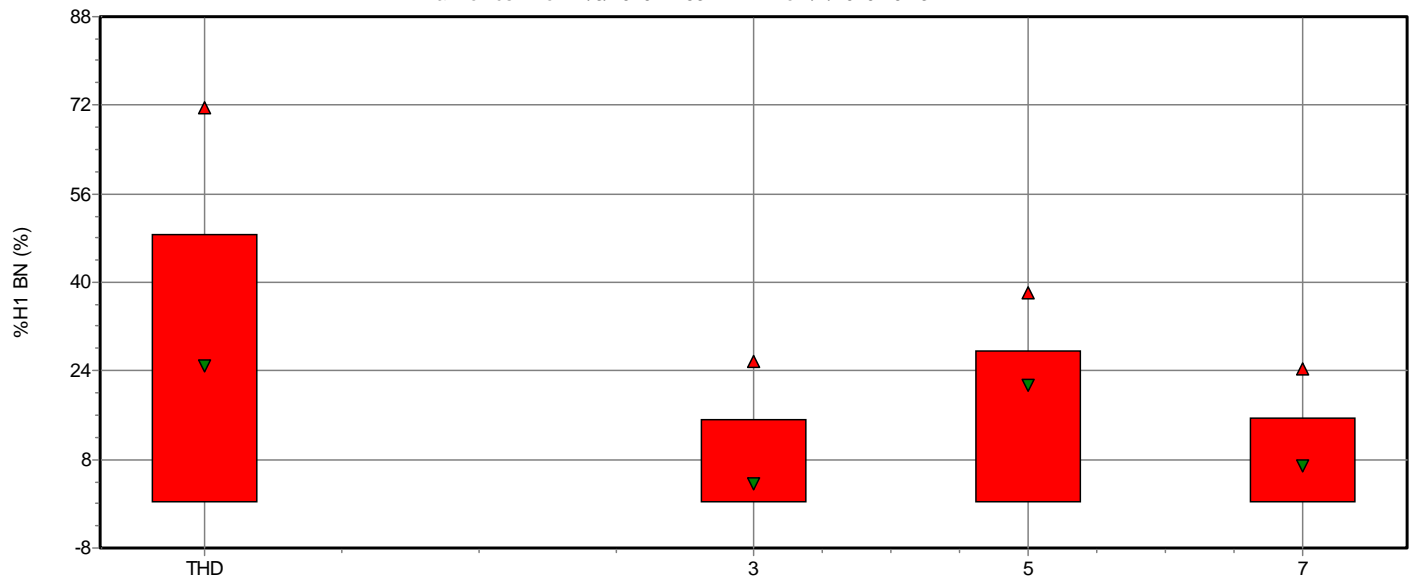
Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



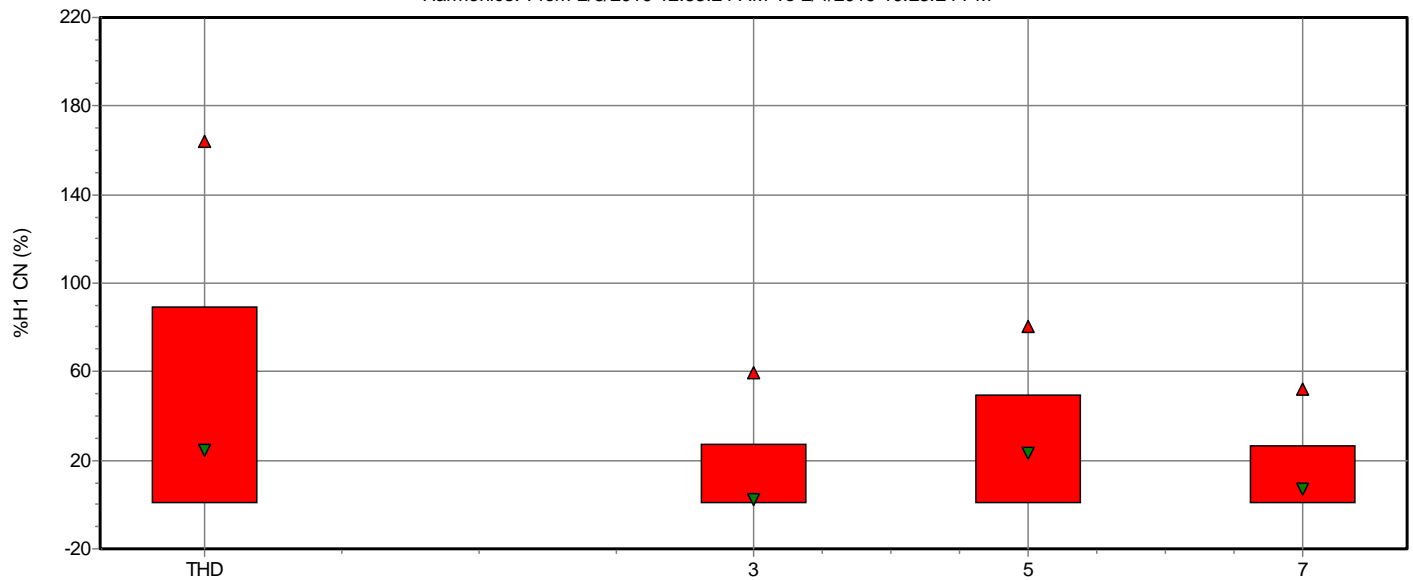
Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM

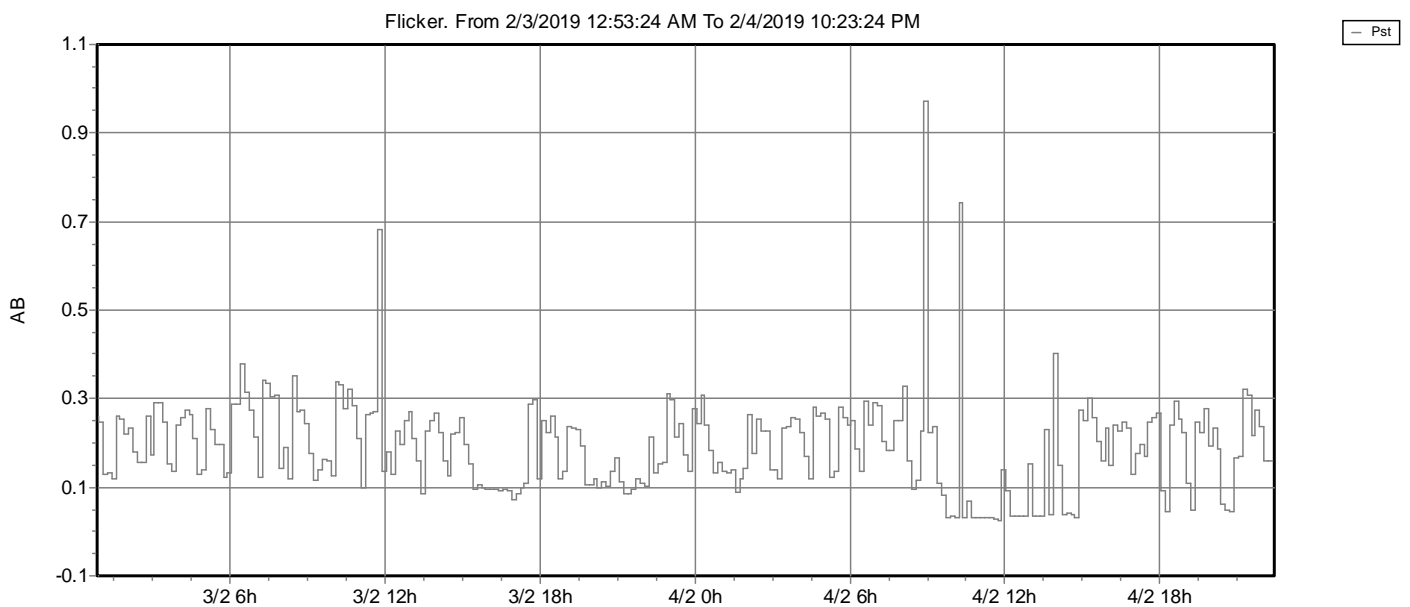
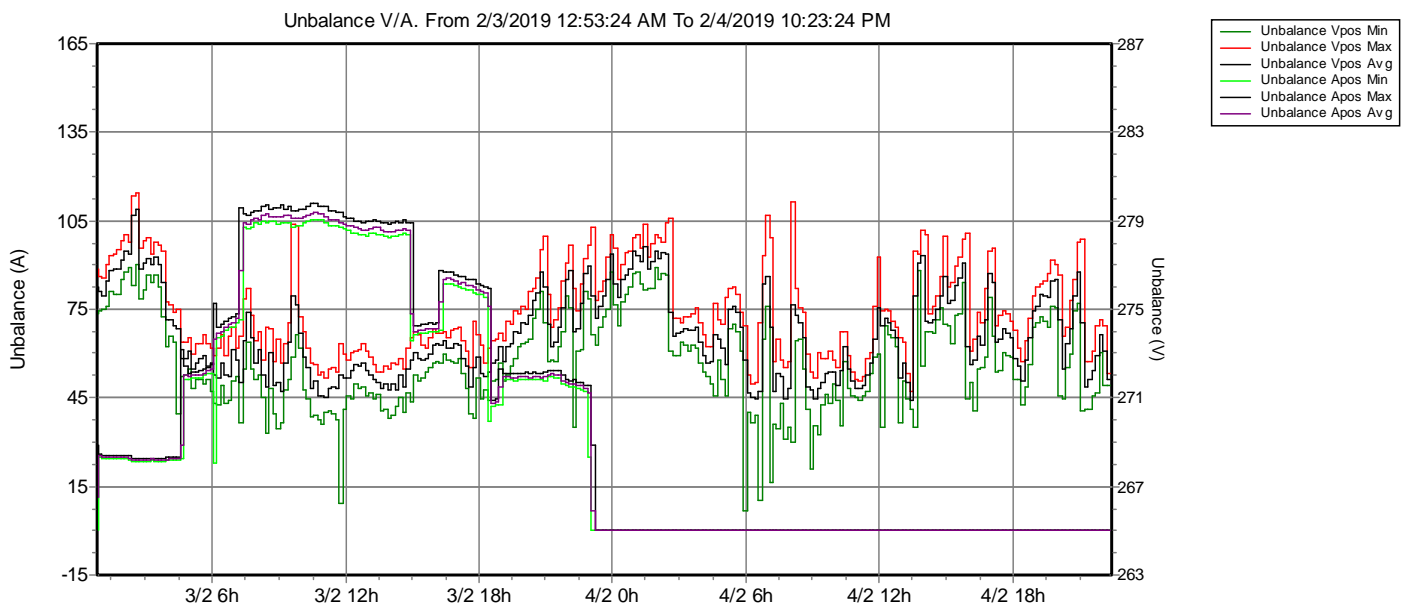
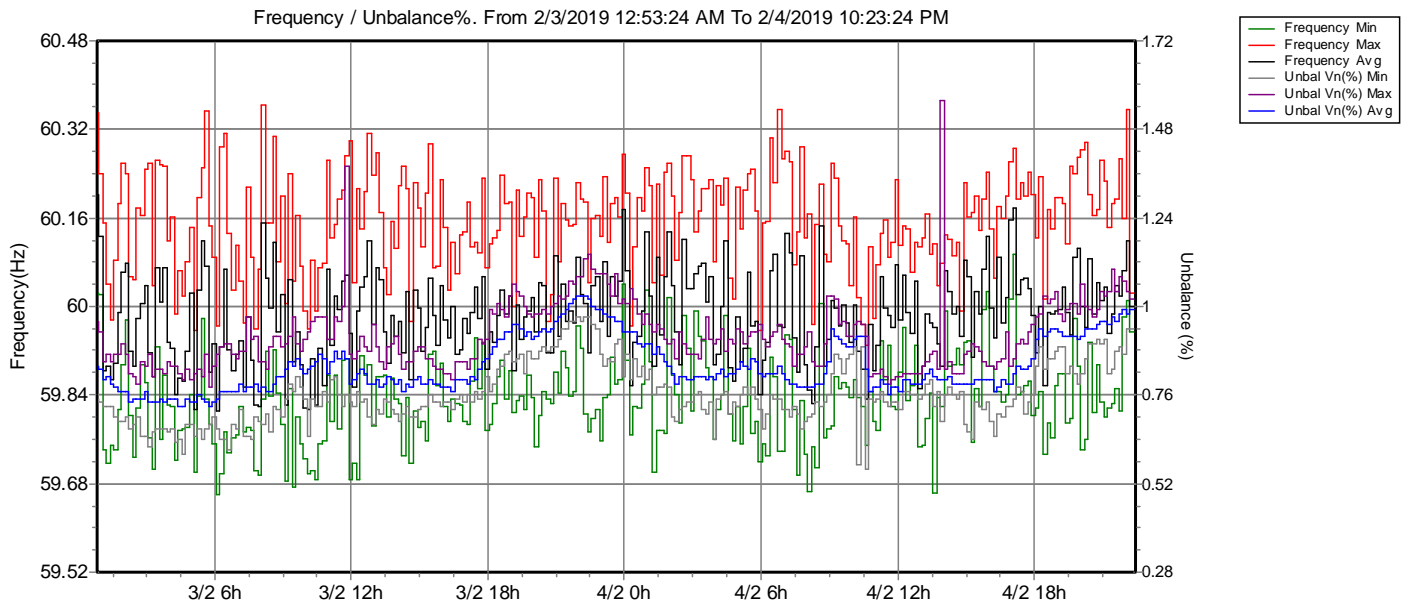


Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM

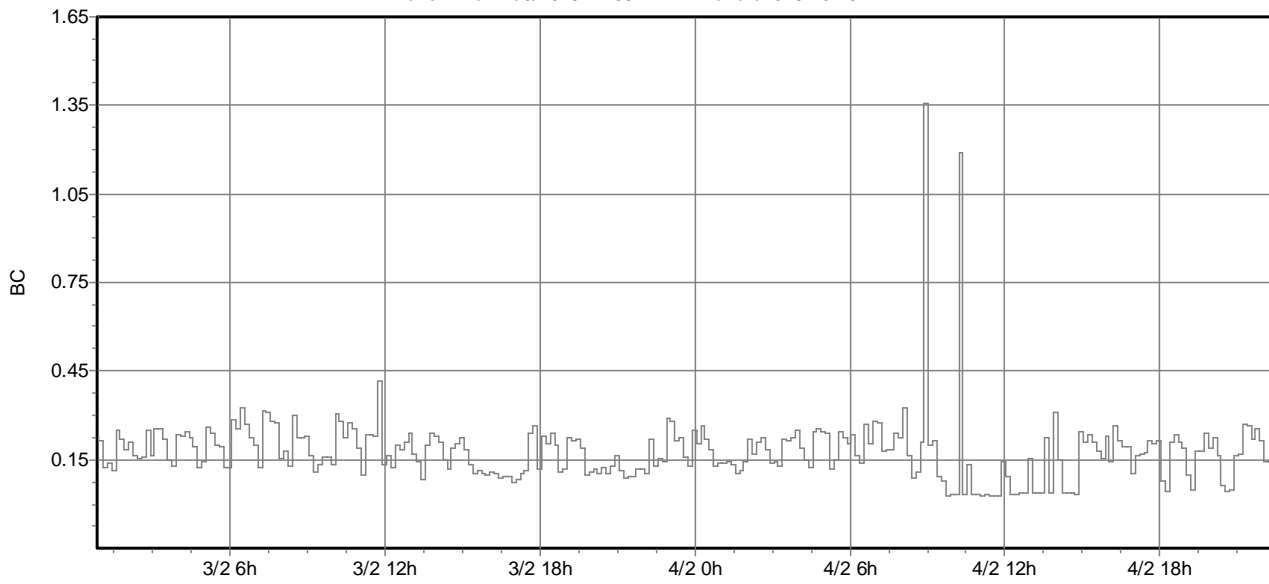


Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM

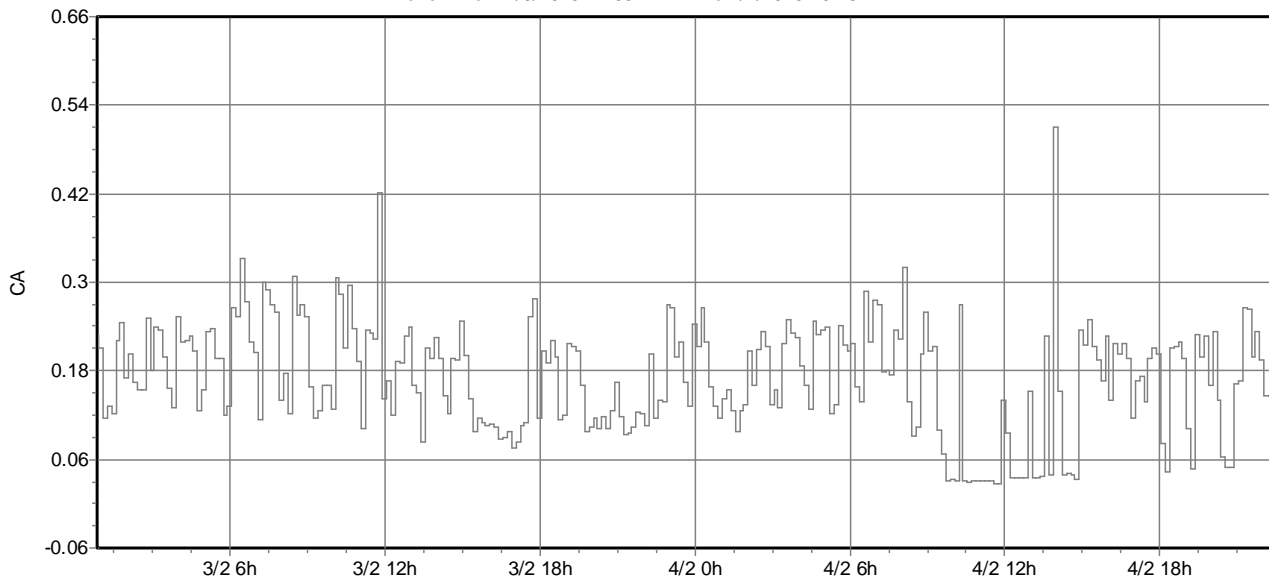




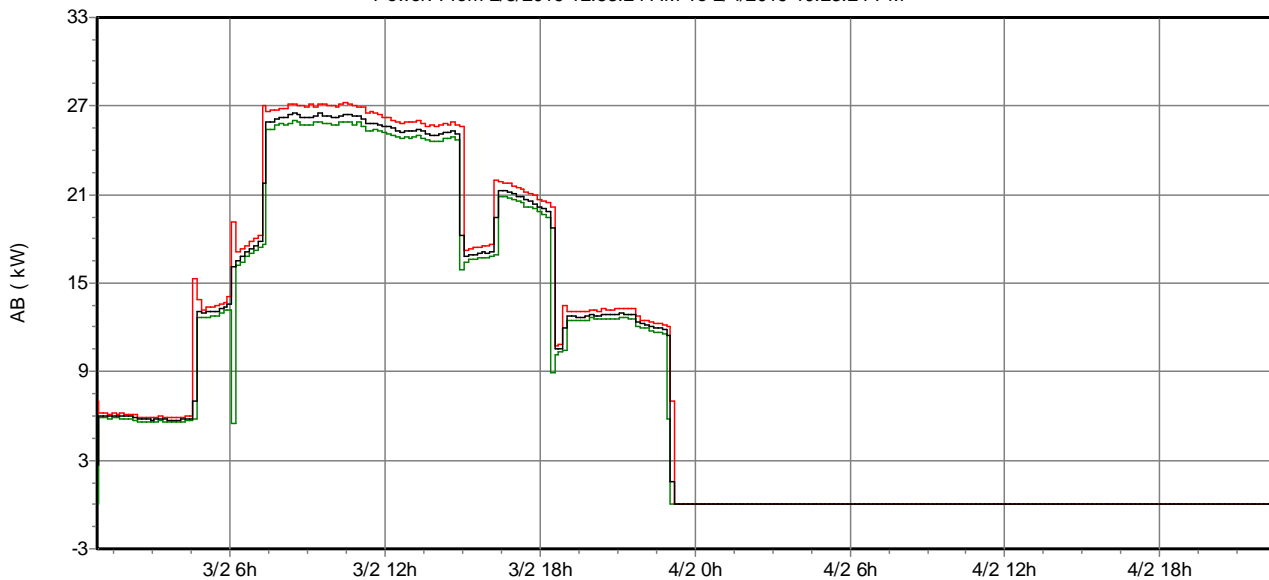
Flicker. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM

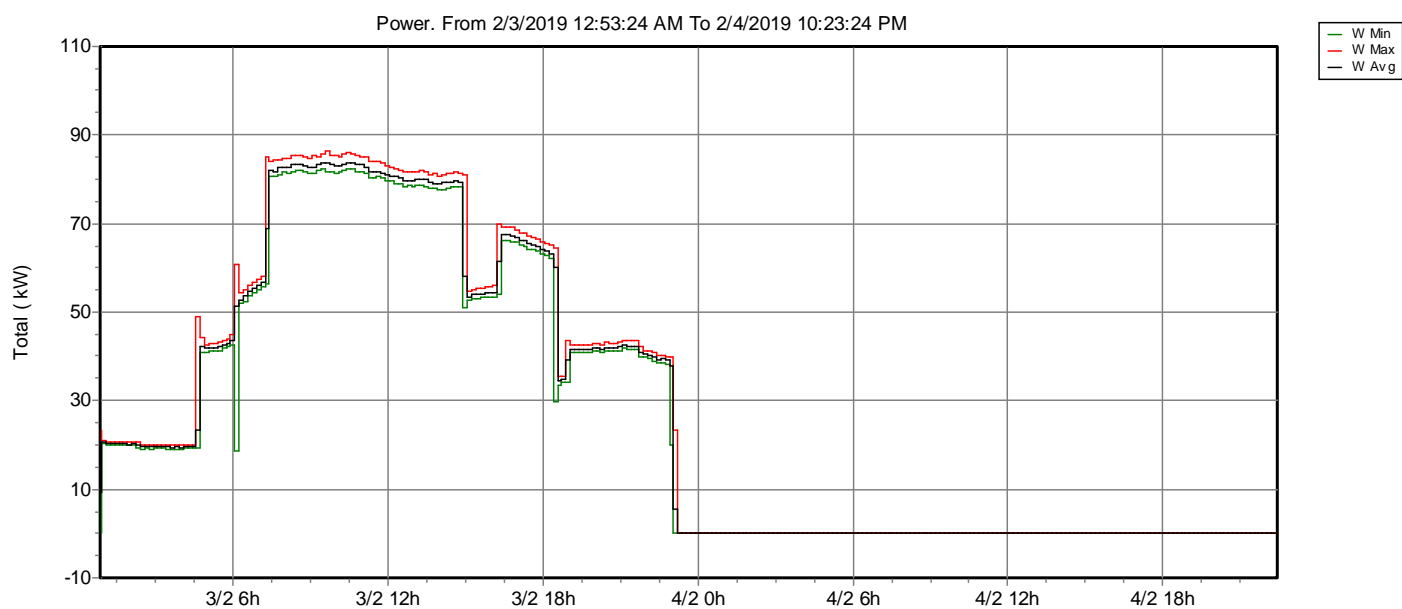
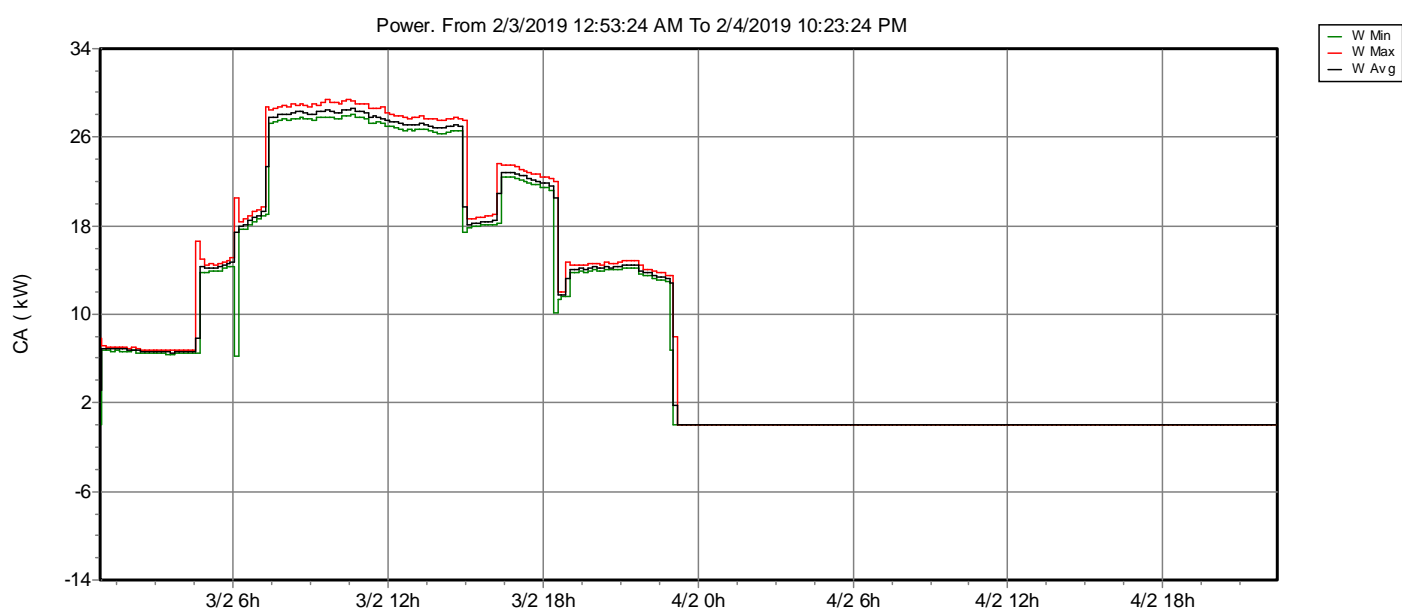
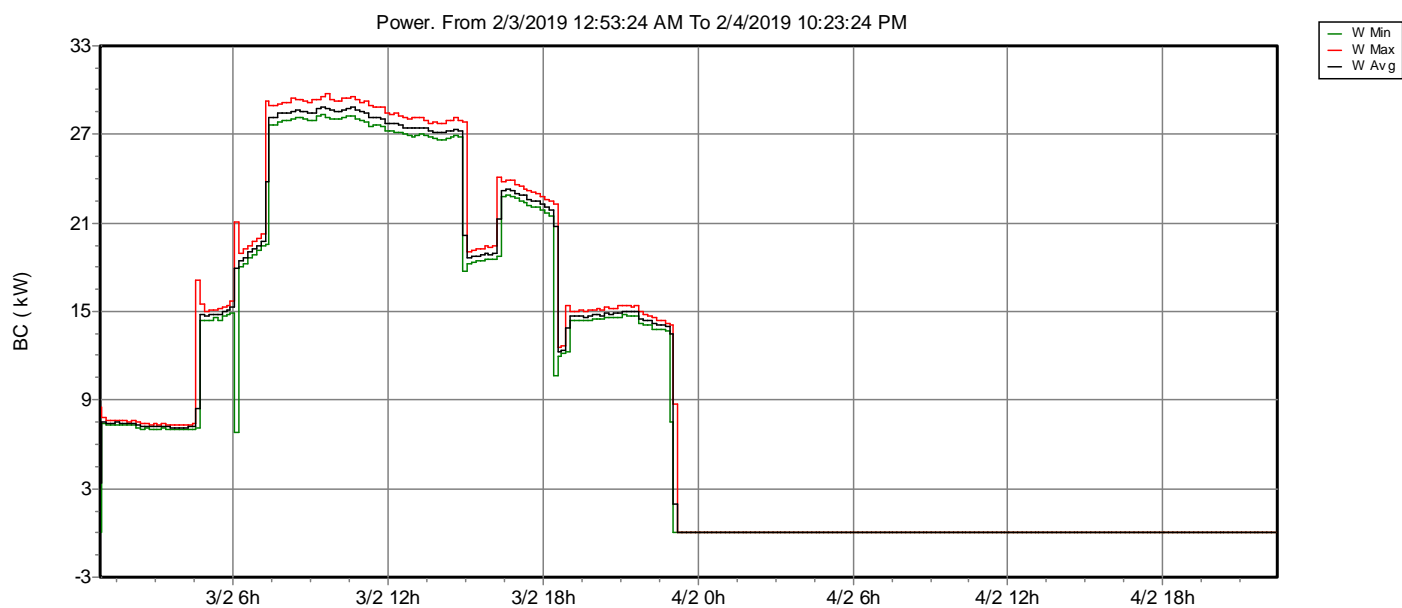


Flicker. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM

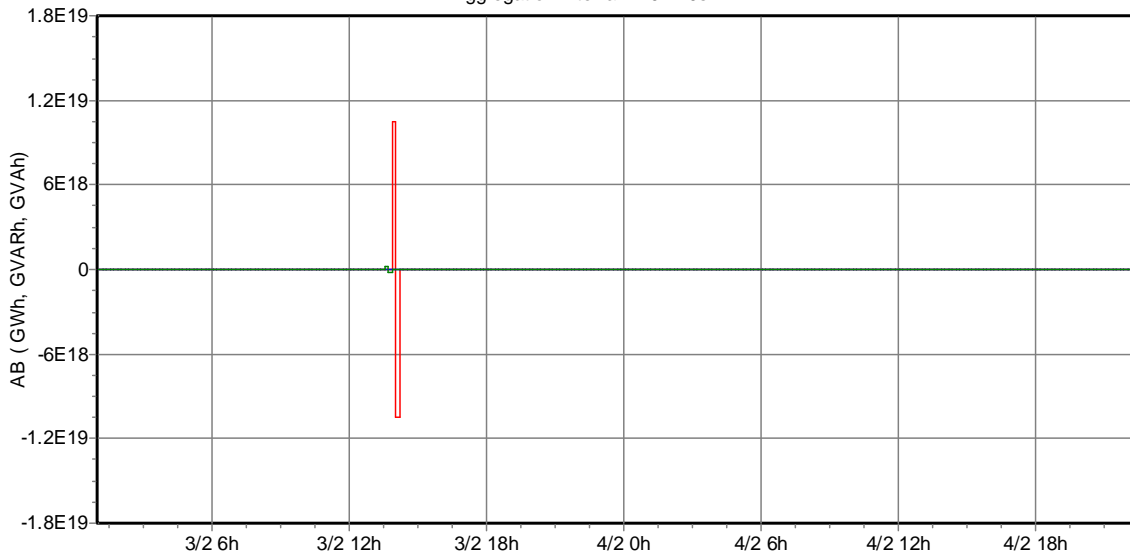


Power. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



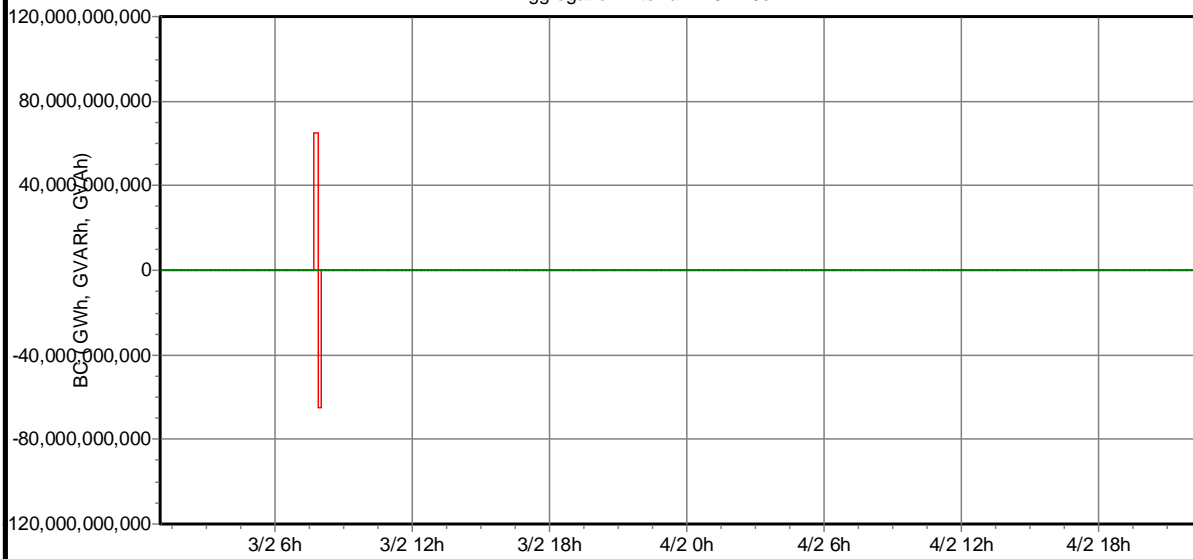


Energy. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM
Aggregation interval: 10m. 0s.



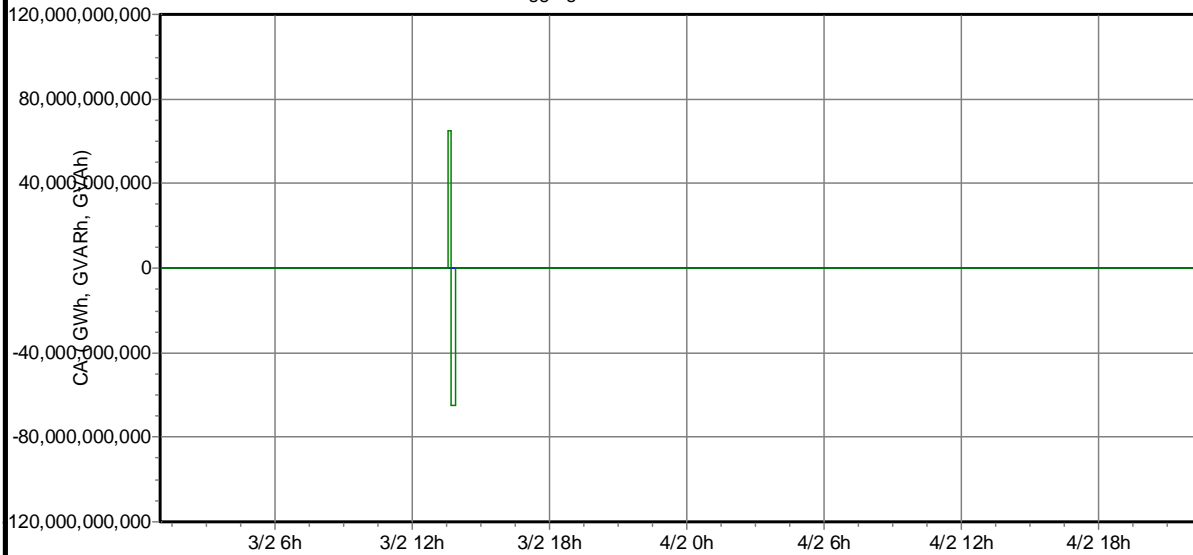
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Energy. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM
Aggregation interval: 10m. 0s.



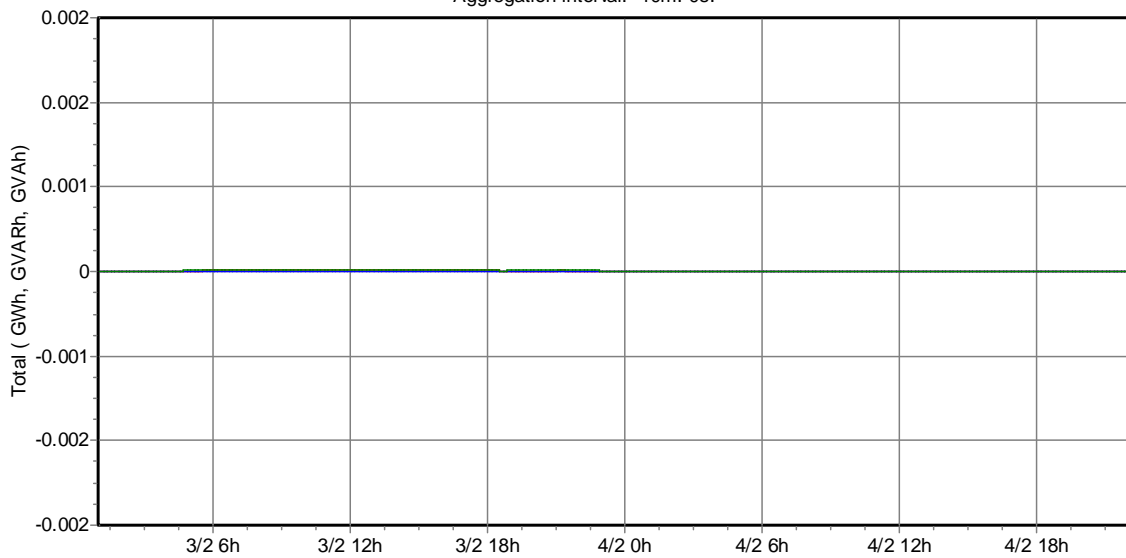
Active Energy Max
Reactive Energy Max
Apparent Energy Max

Energy. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM
Aggregation interval: 10m. 0s.

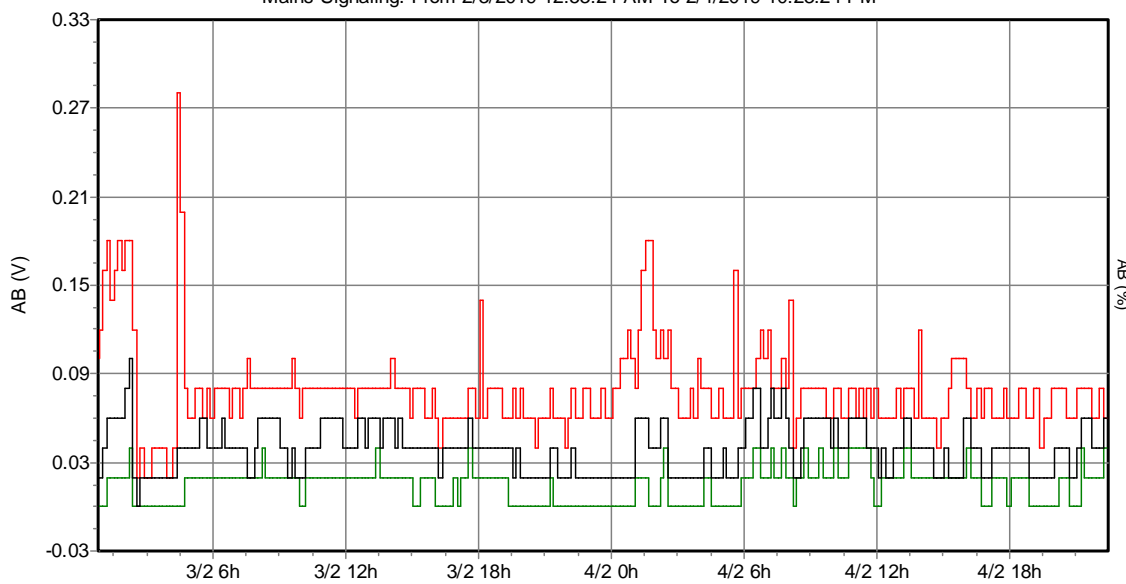


Active Energy Max
Reactive Energy Max
Apparent Energy Max

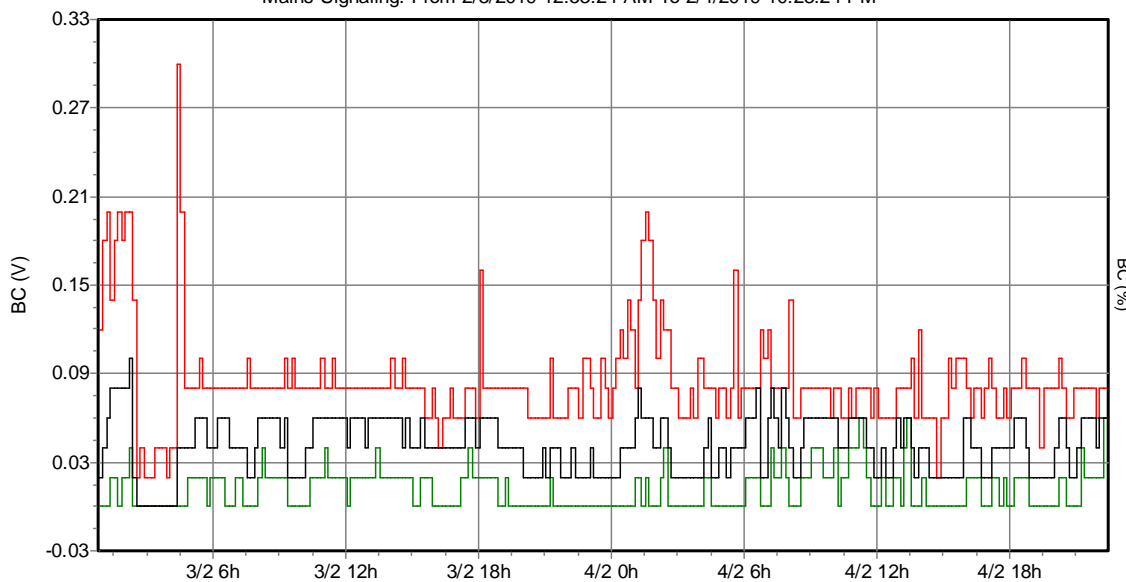
Energy. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM
Aggregation interval: 10m. 0s.



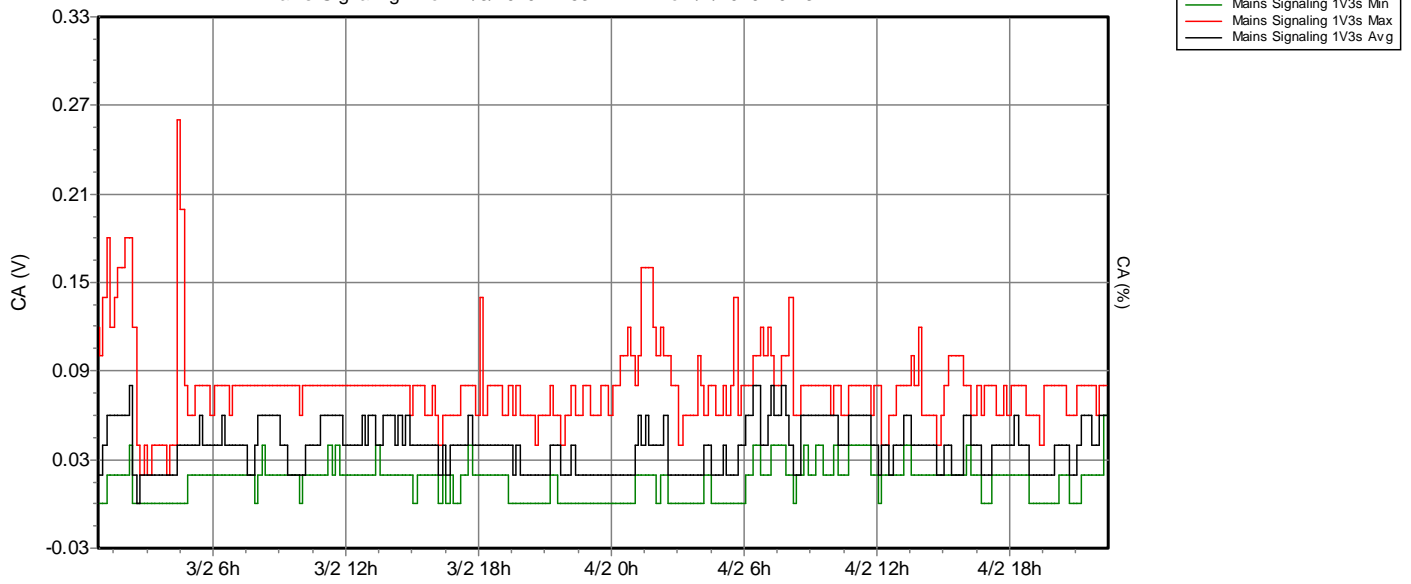
Mains Signaling. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



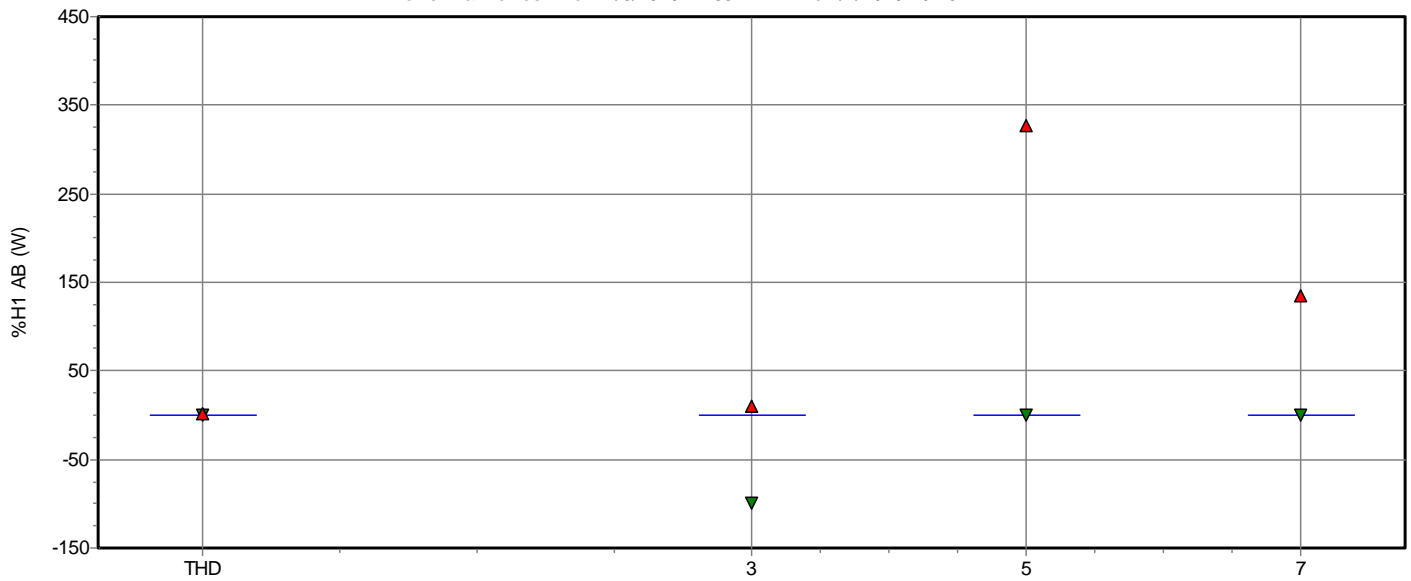
Mains Signaling. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



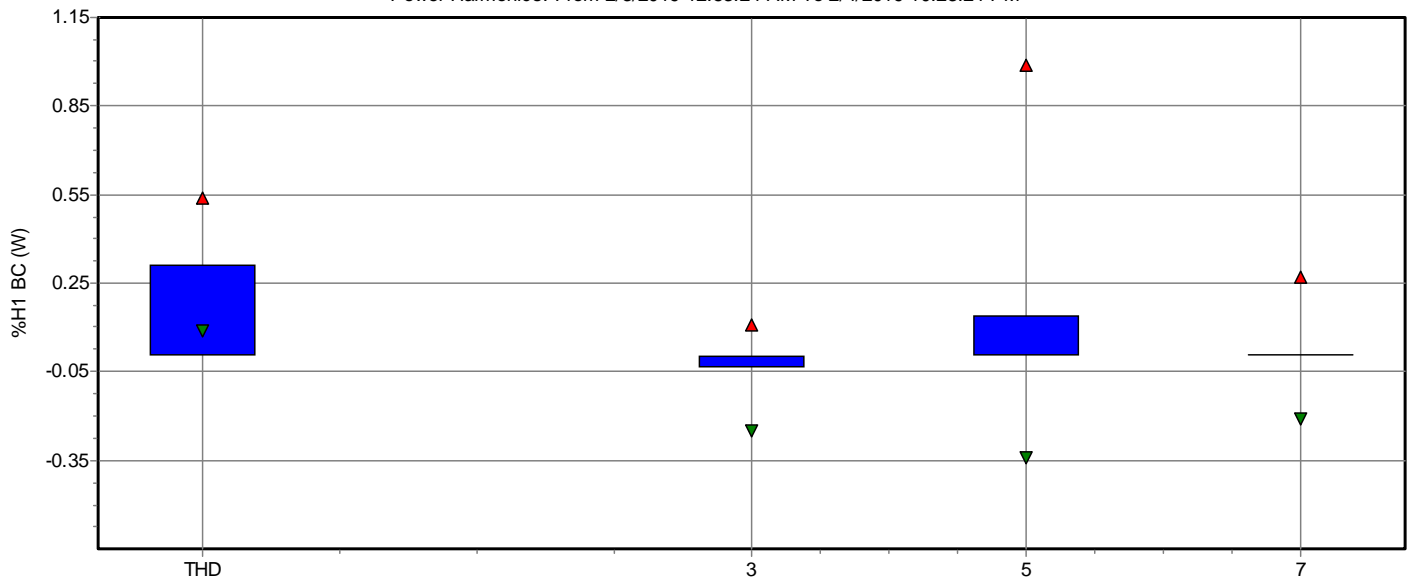
Mains Signaling. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



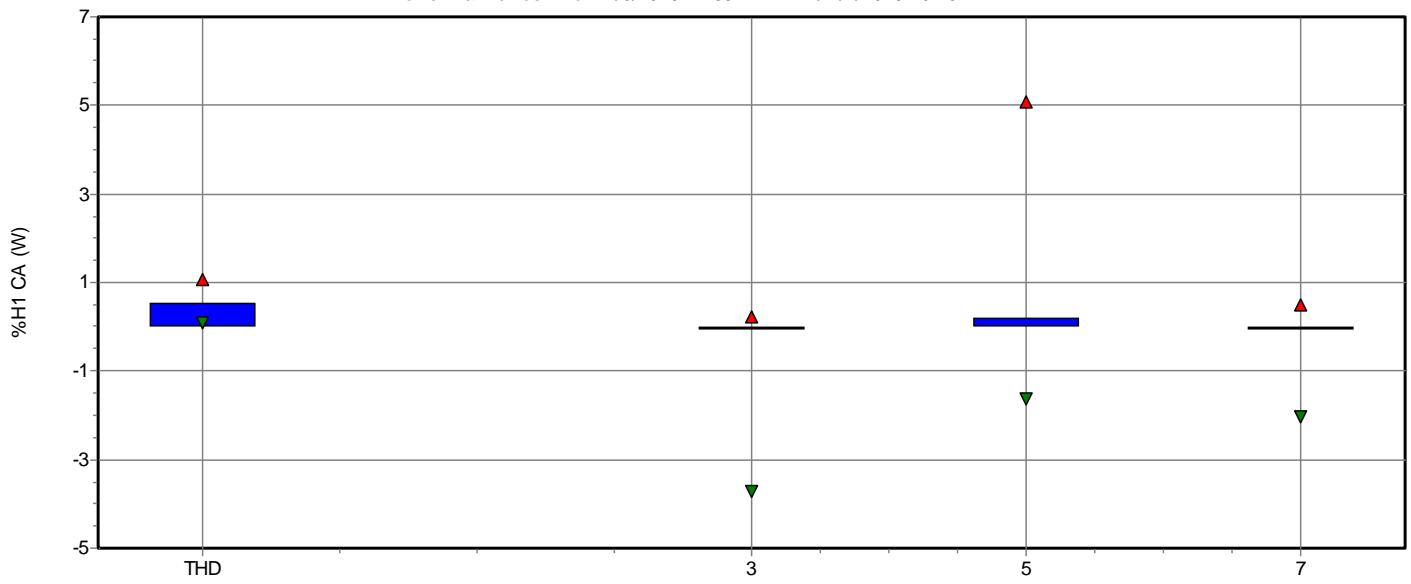
Power Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



Power Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



Power Harmonics. From 2/3/2019 12:53:24 AM To 2/4/2019 10:23:24 PM



Vrms ph-n - AN - Average

