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	FEEDER VFD-2
Client	MAYNILAD CHERRY IN LINE PUMP STATION
Notes	Naval Base Heracleo Alano Sangley Point Cavite City

Measurement Summary

Measurement topology	3-element delta mode
Application mode	Logger
First recording	11/29/2018 2:47:07 PM 168msec
Last recording	11/30/2018 12:57:07 AM 168msec
Recording interval	0h 10m 0s 0msec
Nominal Voltage	460 V
Nominal Current	100 A
Nominal Frequency	60 Hz
File start time	11/29/2018 2:37:07 PM 168msec
File end time	11/30/2018 12:57:07 AM 168msec
Duration	0d 10h 20m 0s 0msec
Number of events	Normal: 0 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	i430TF
Clamp range	N/A
Nominal range	100 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1
Neutral:	
Current Clamp type	i430Flex
Clamp range	N/A
Nominal range	100 A
Sensitivity	x10 AC only
Current ratio	1:1
Voltage ratio	1:1

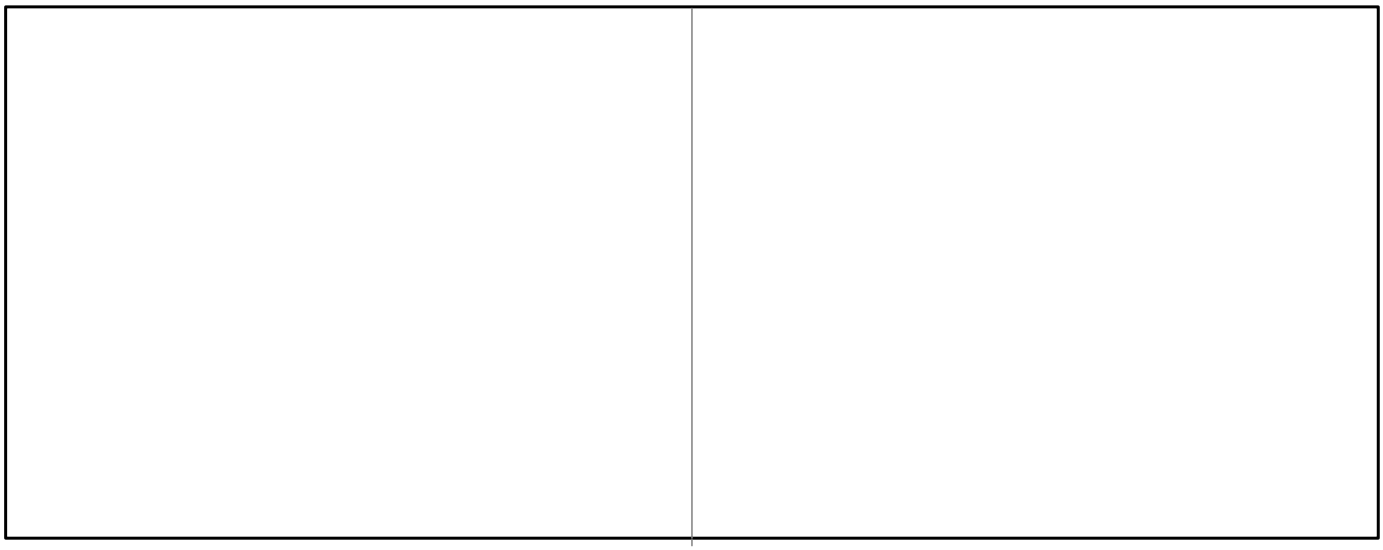
Recording Summary

RMS recordings	62
DC recordings	0
Frequency recordings	62
Unbalance recordings	62
Harmonic recordings	62
Power harmonic recordings	62
Power recordings	62
Power unbalance recordings	0
Energy recordings	62
Energy losses recordings	0
Flicker recordings	62
Mains signaling recordings	62

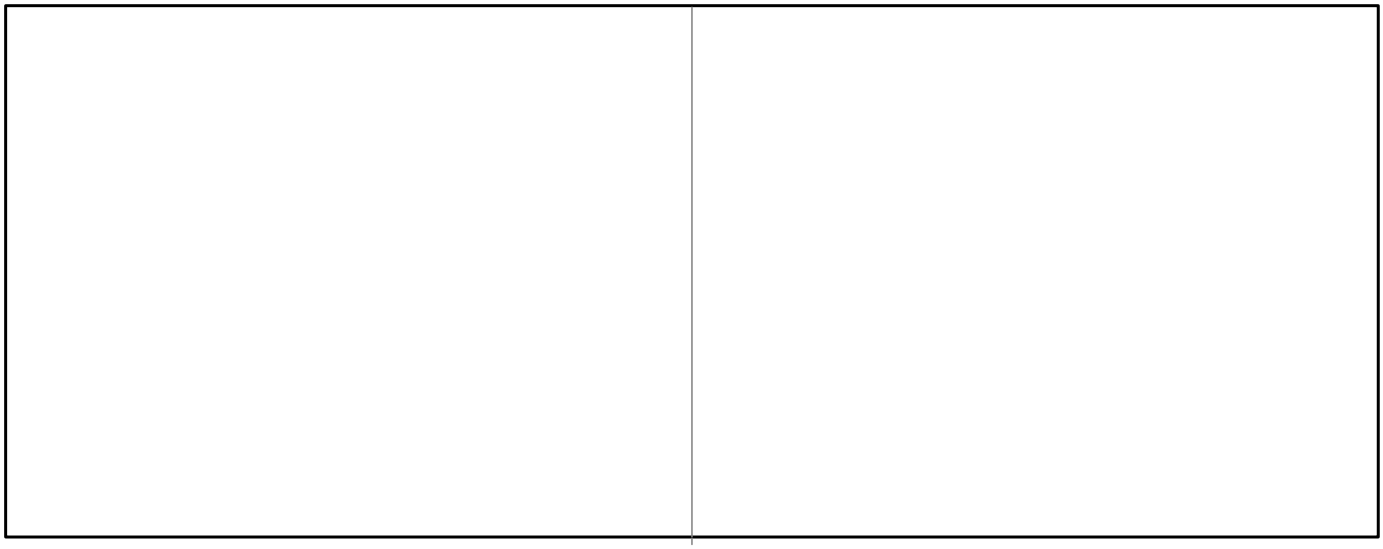
Events Summary

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

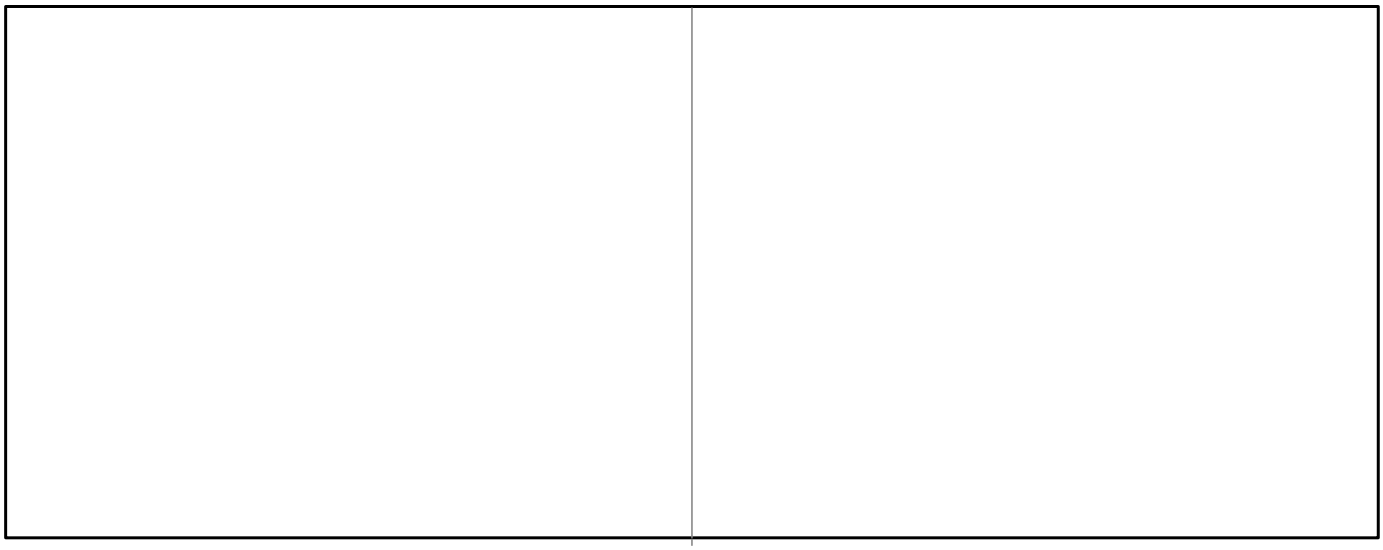
Voltage and Current. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



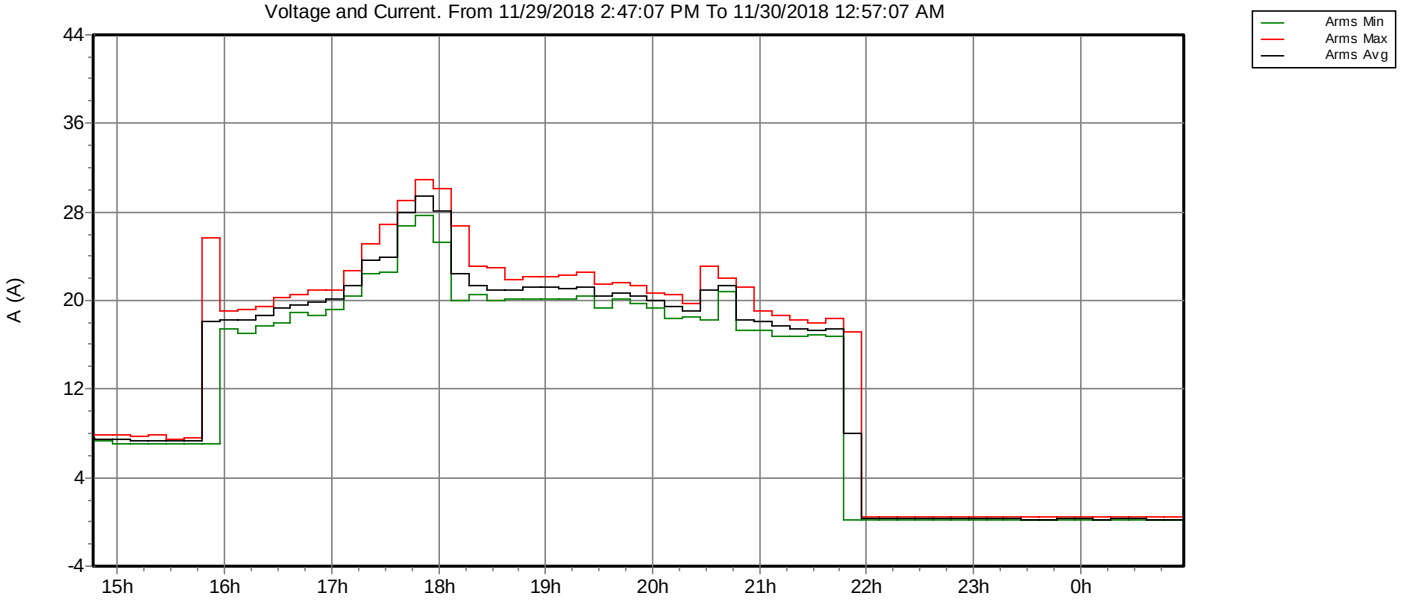
Voltage and Current. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



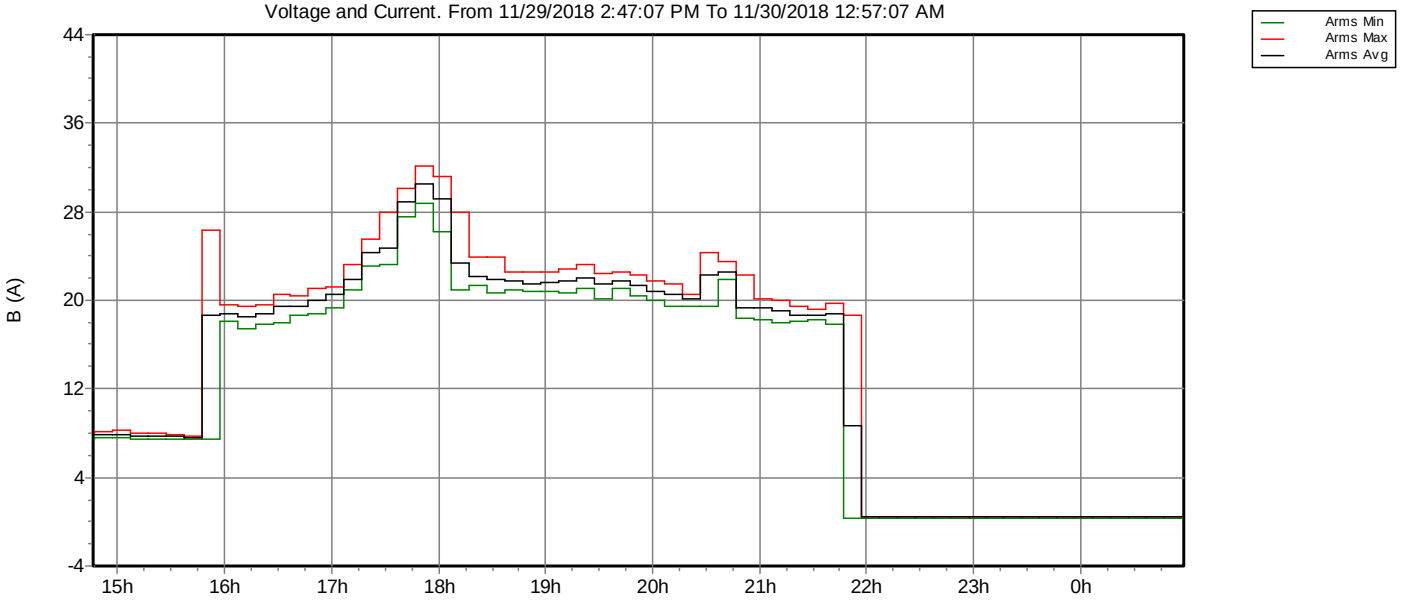
Voltage and Current. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



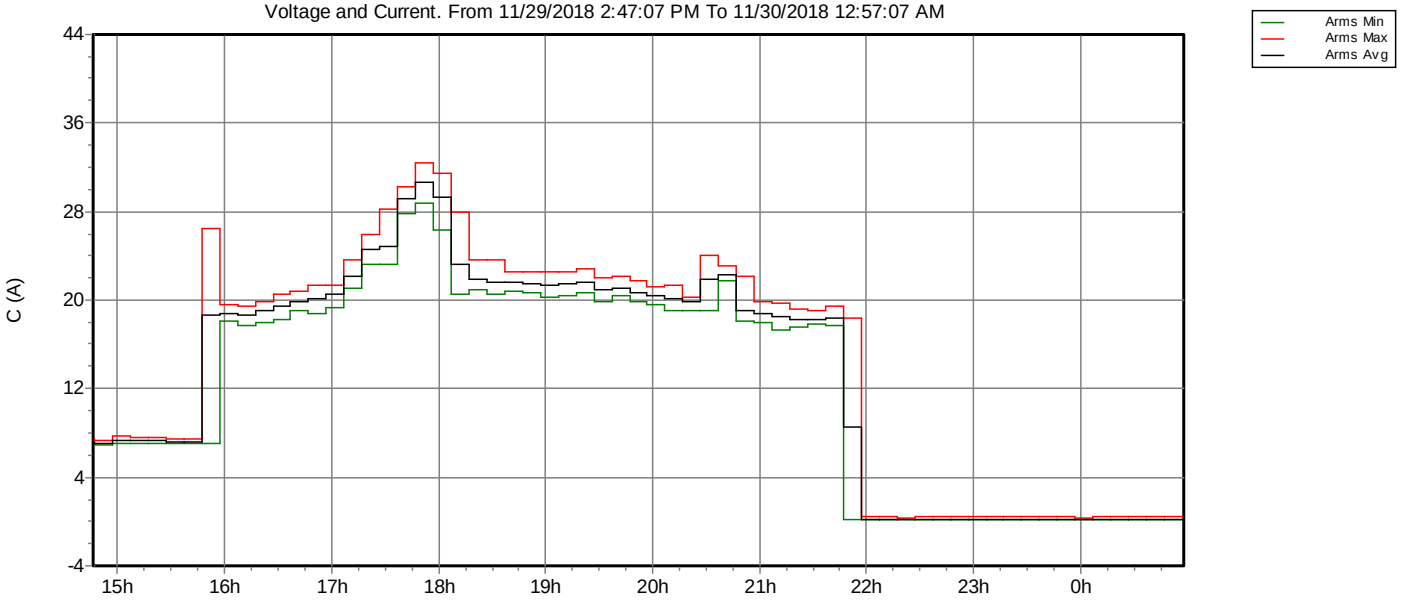
Voltage and Current. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



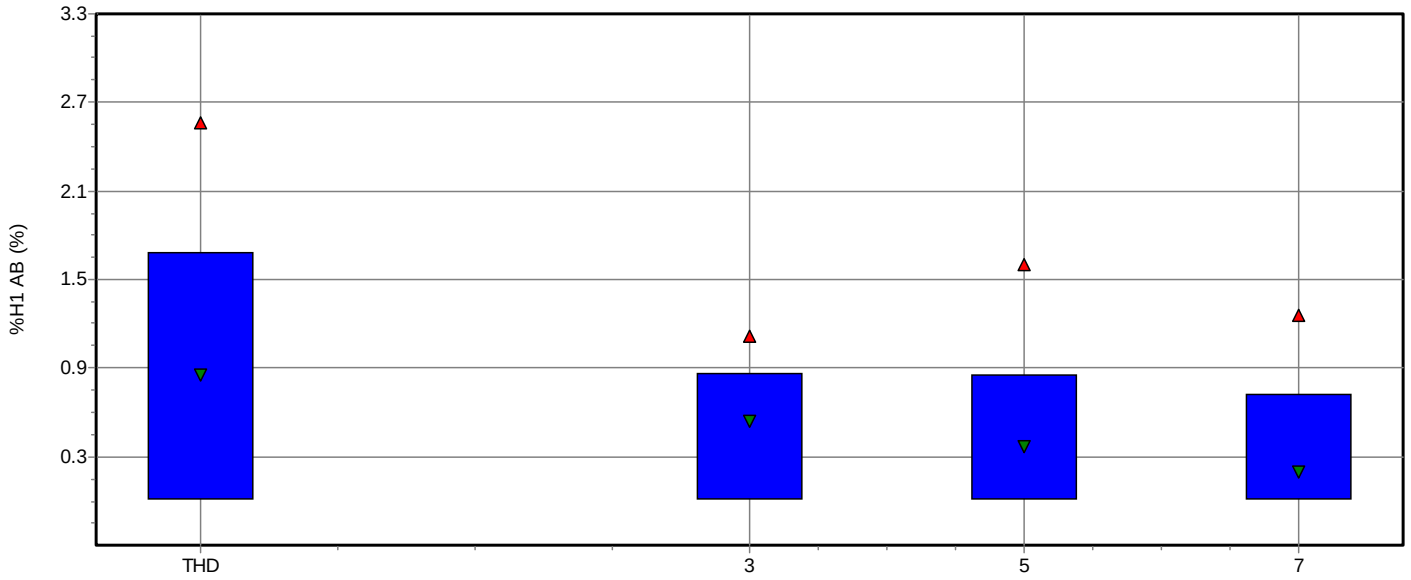
Voltage and Current. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



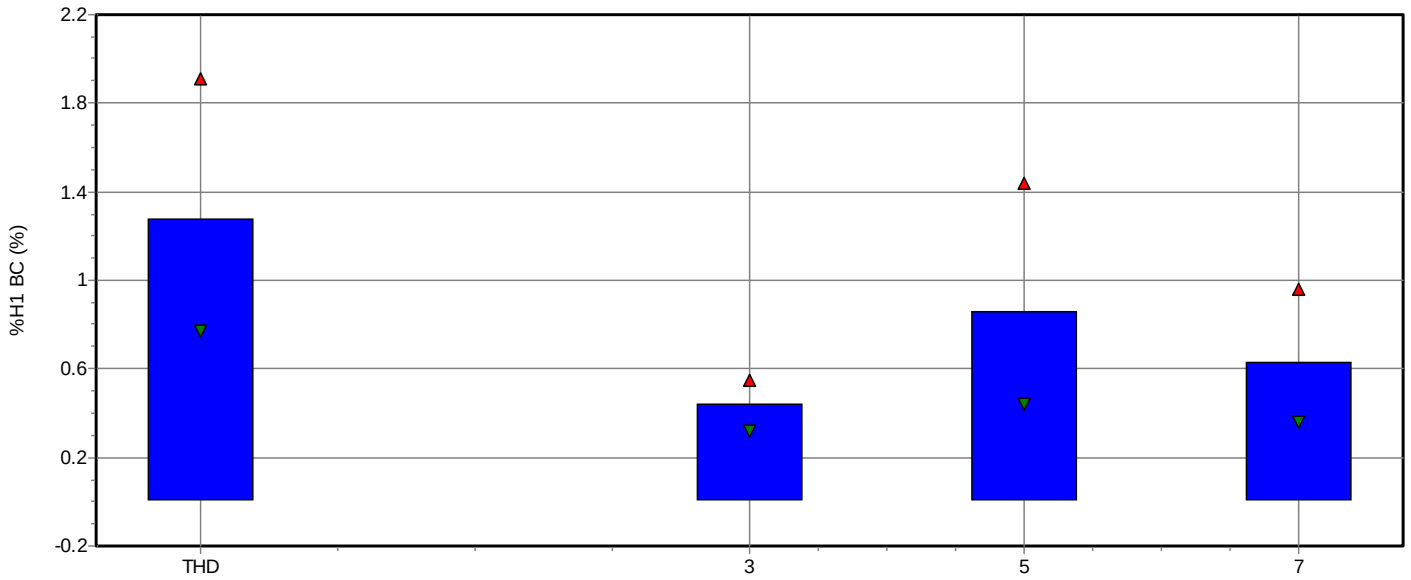
Voltage and Current. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



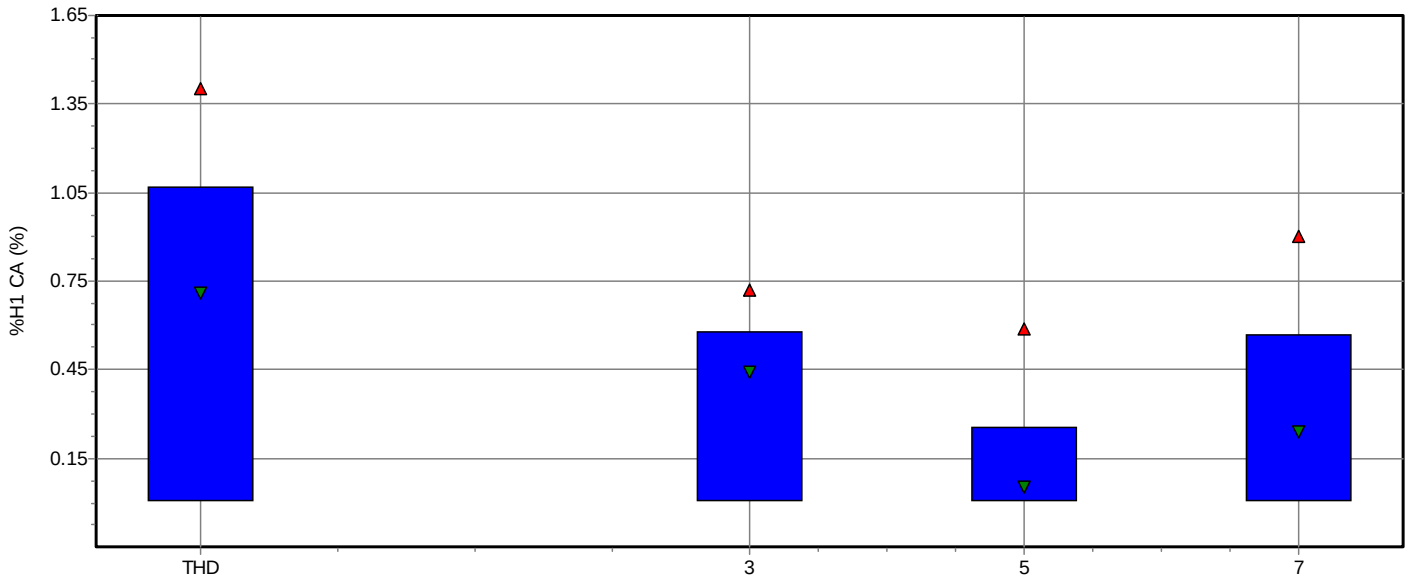
Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



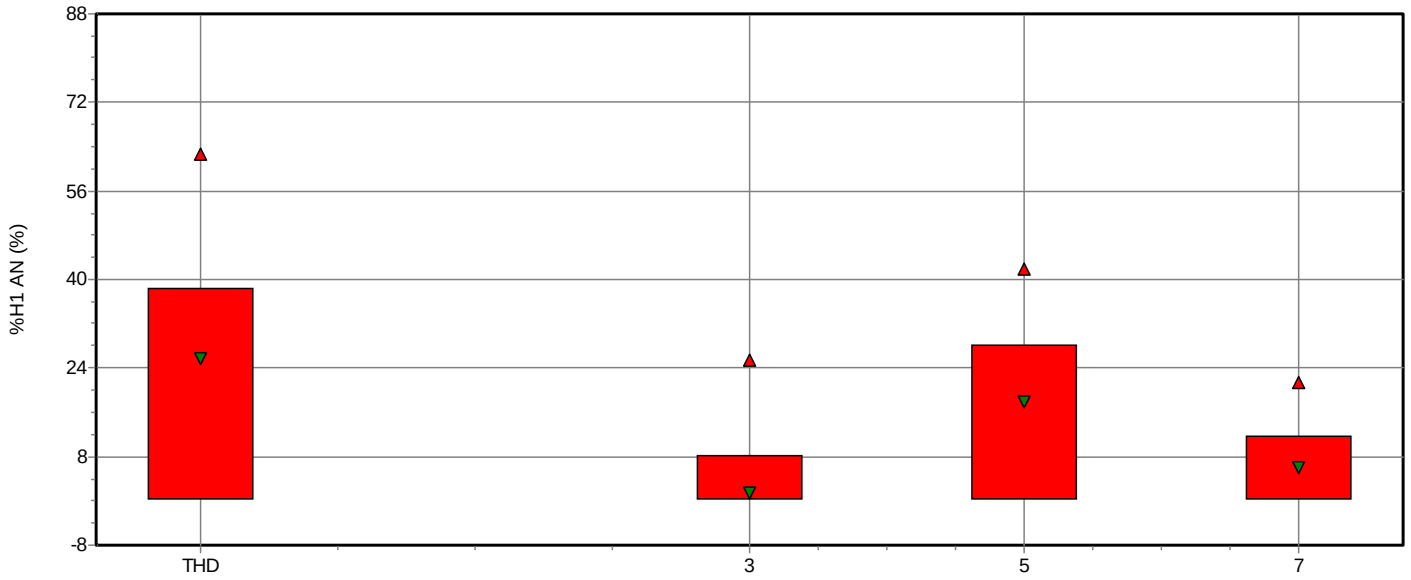
Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



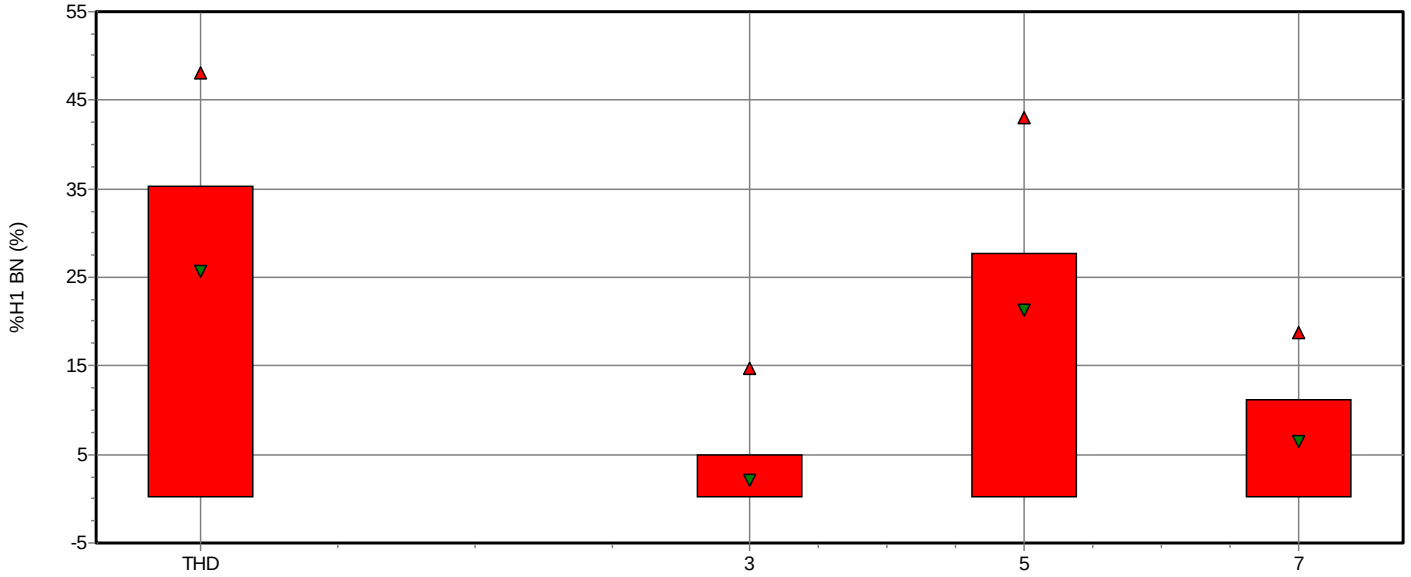
Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



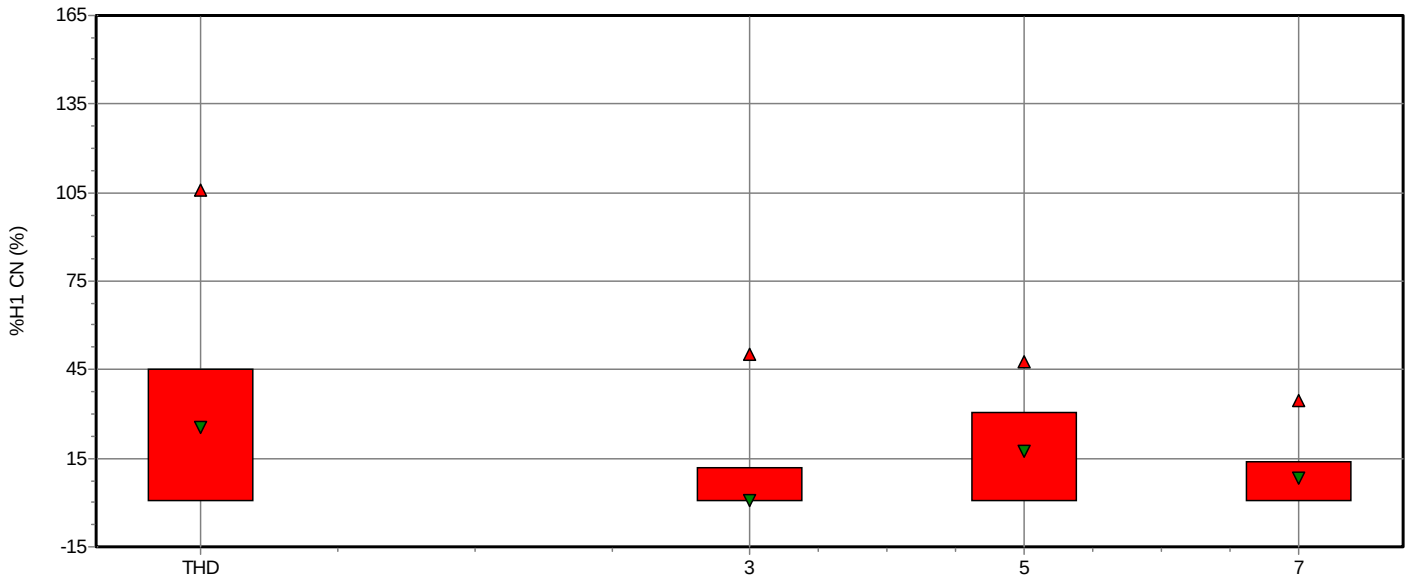
Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM

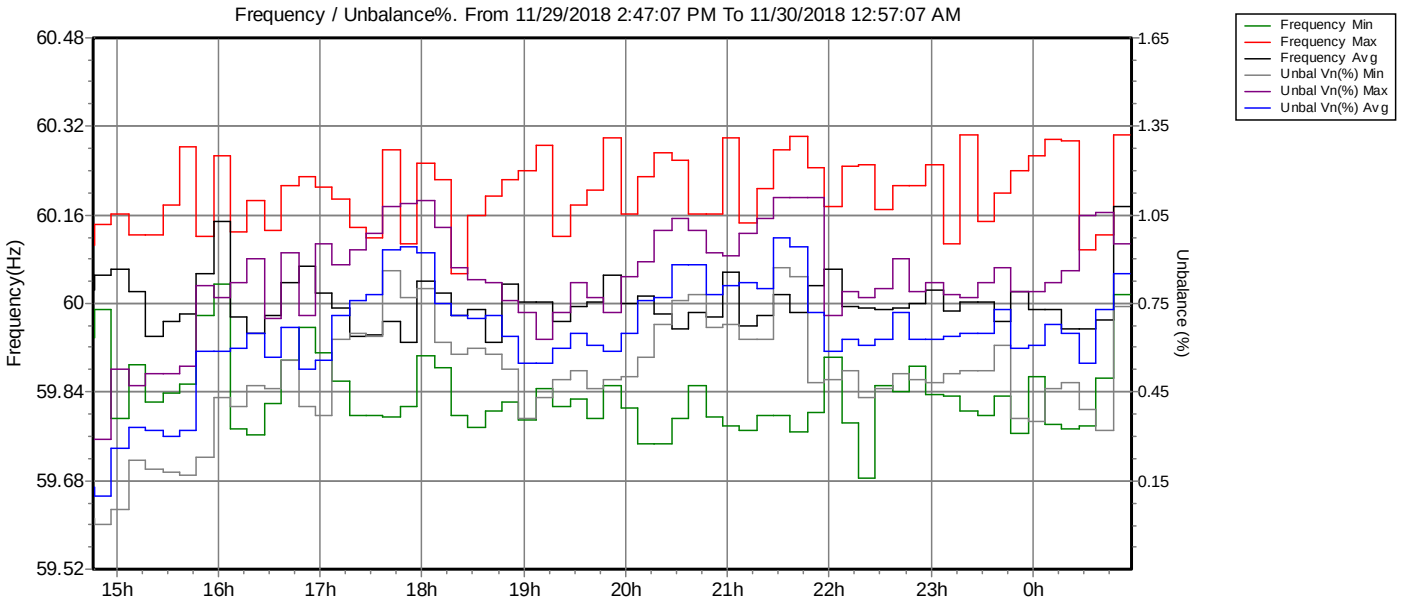


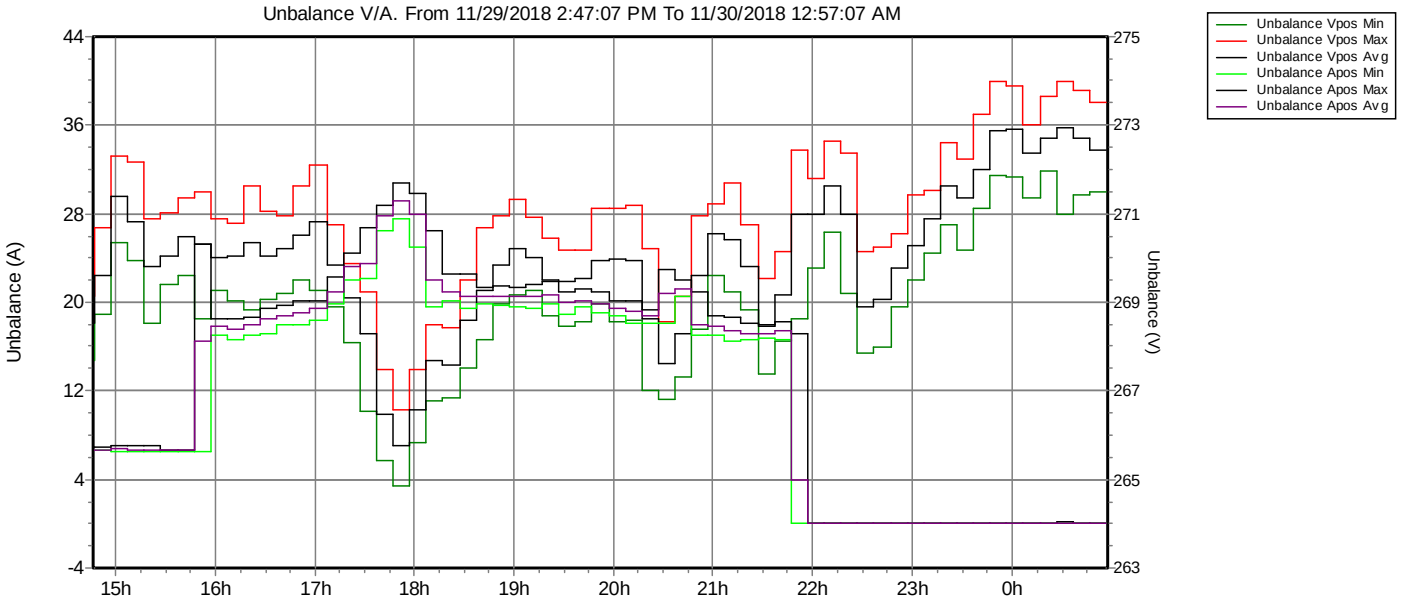
Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM

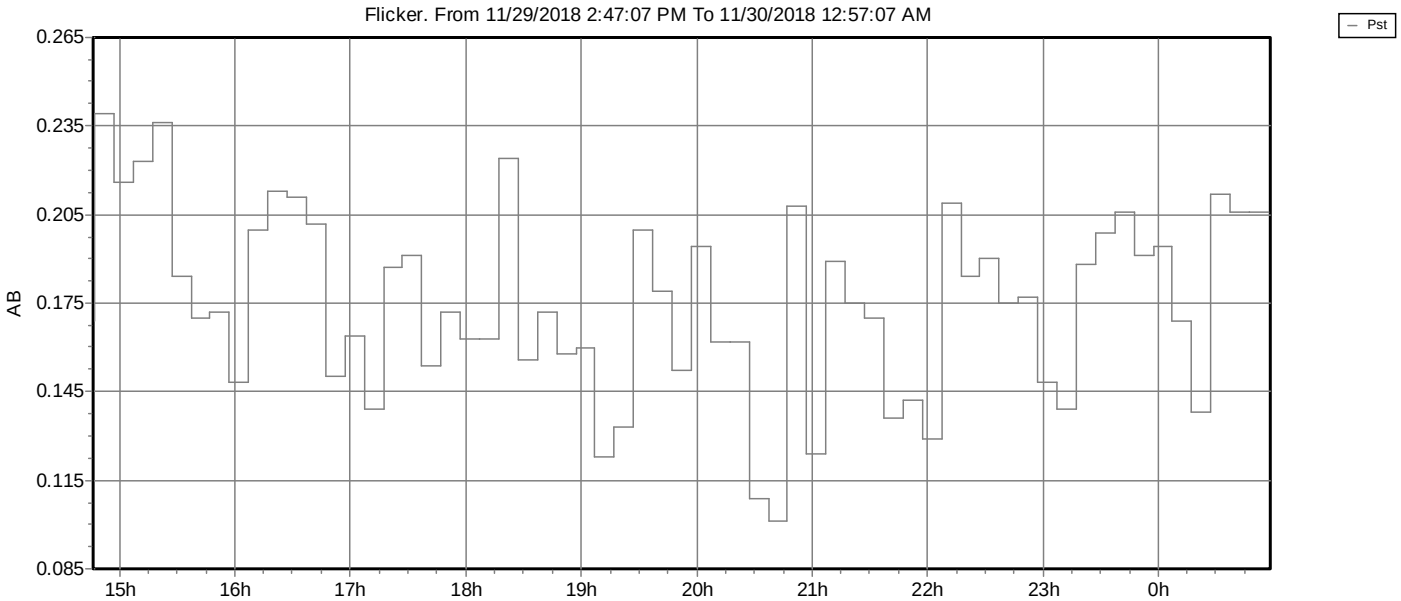


Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM

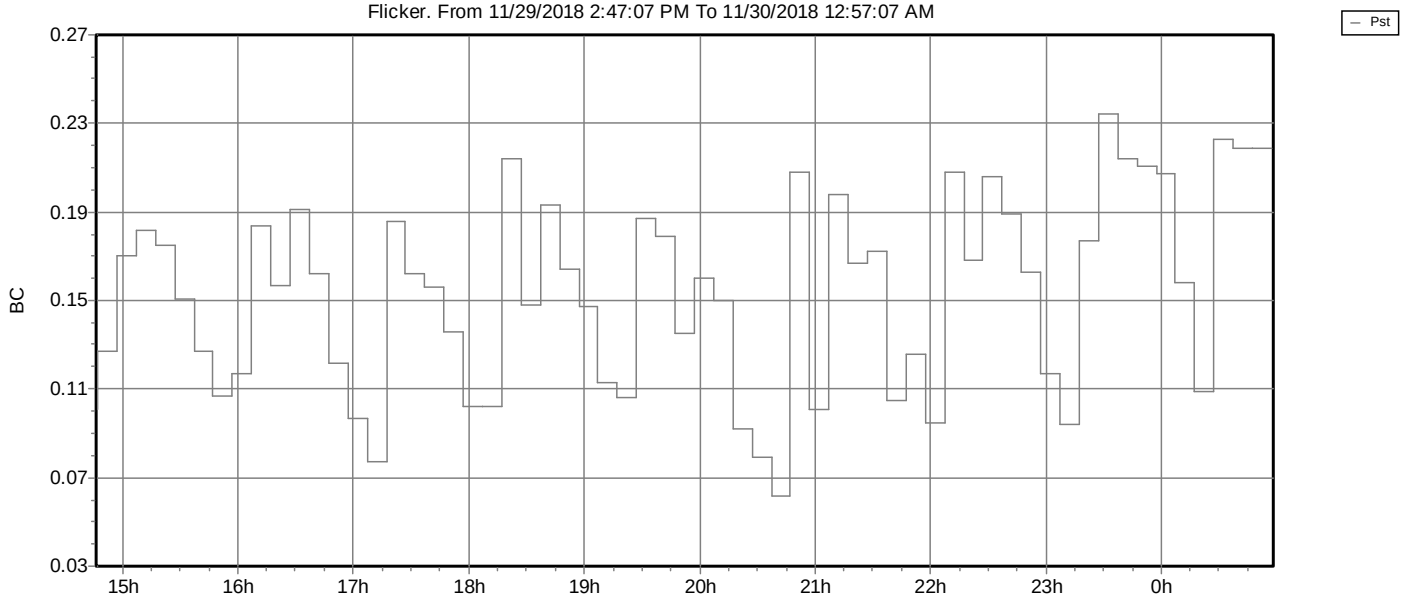



Frequency / Unbalance%. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
Frequency Min
Frequency Max
Frequency Avg
Unbal Vn(%) Min
Unbal Vn(%) Max
Unbal Vn(%) Avg
Frequency(Hz)
Unbalance (%)
60.48
60.32
60.16
60
59.84
59.68
59.52
1.65
1.35
1.05
0.75
0.45
0.15
15h
16h
17h
18h
19h
20h
21h
22h
23h
0h

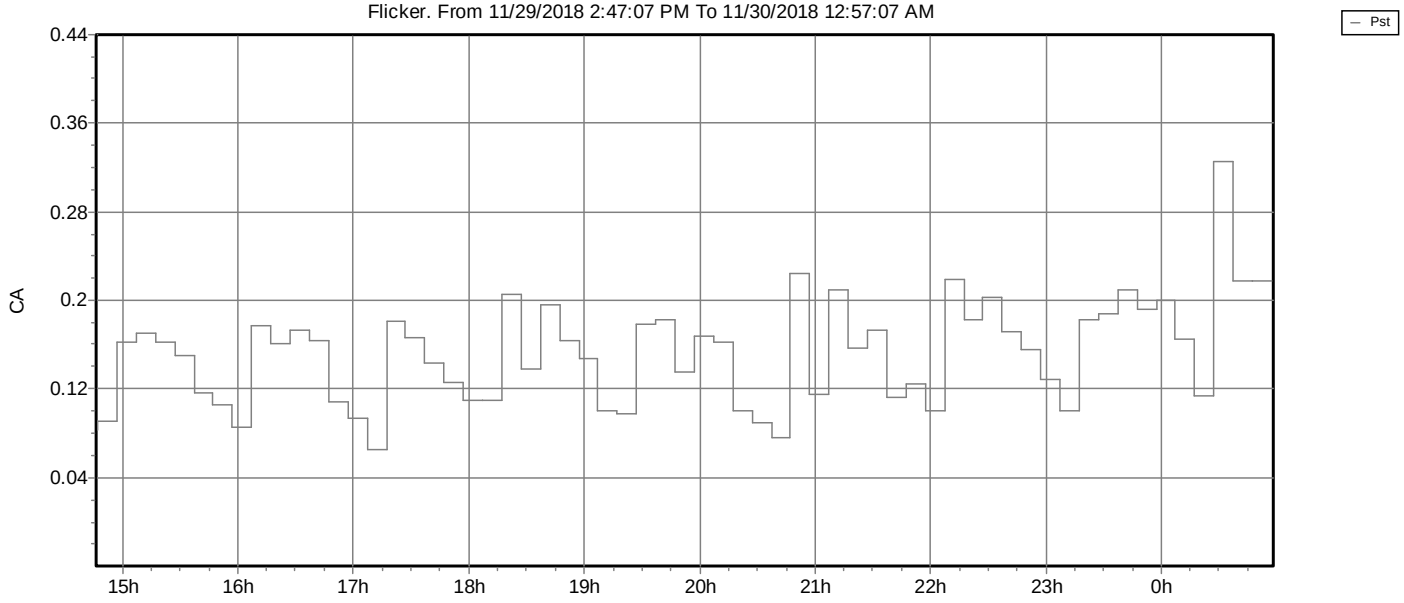

Unbalance V/A. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
Unbalance Vpos Min
Unbalance Vpos Max
Unbalance Vpos Avg
Unbalance Apos Min
Unbalance Apos Max
Unbalance Apos Avg
Unbalance (A)
Unbalance (V)
44
36
28
20
12
4
-4
275
273
271
269
267
265
263
15h
16h
17h
18h
19h
20h
21h
22h
23h
0h


Flicker. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
Pst
AB
0.265
0.235
0.205
0.175
0.145
0.115
0.085
15h
16h
17h
18h
19h
20h
21h
22h
23h
0h

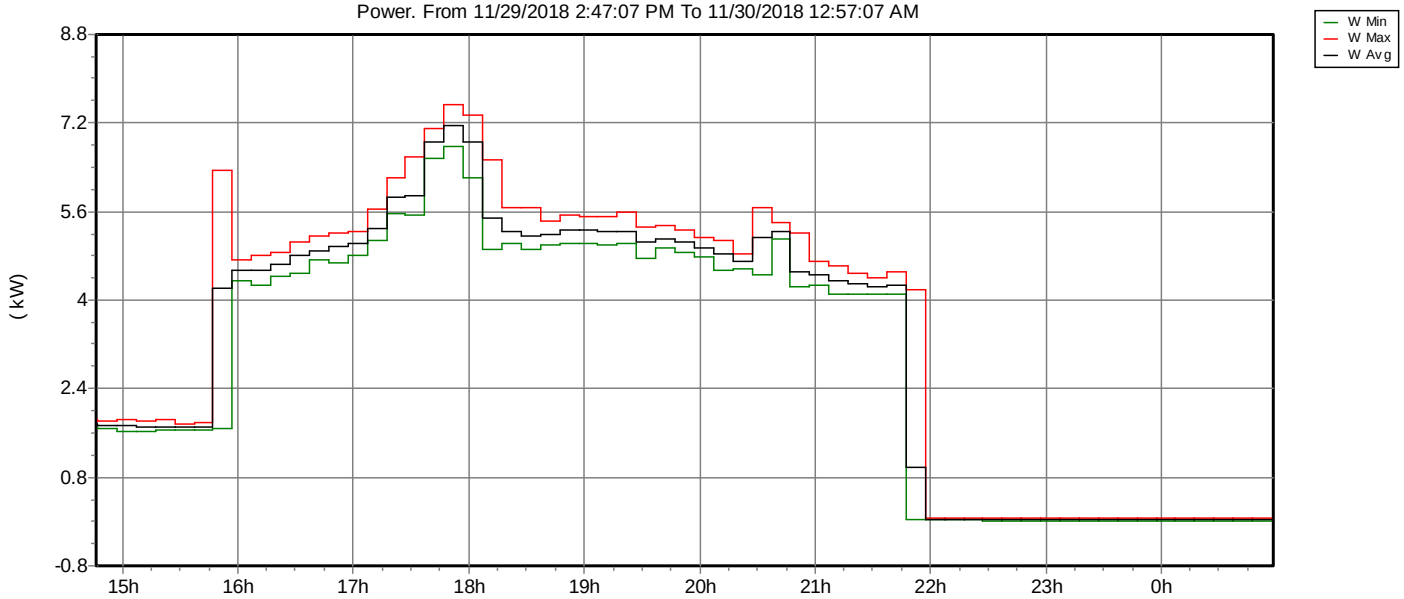
Flicker. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



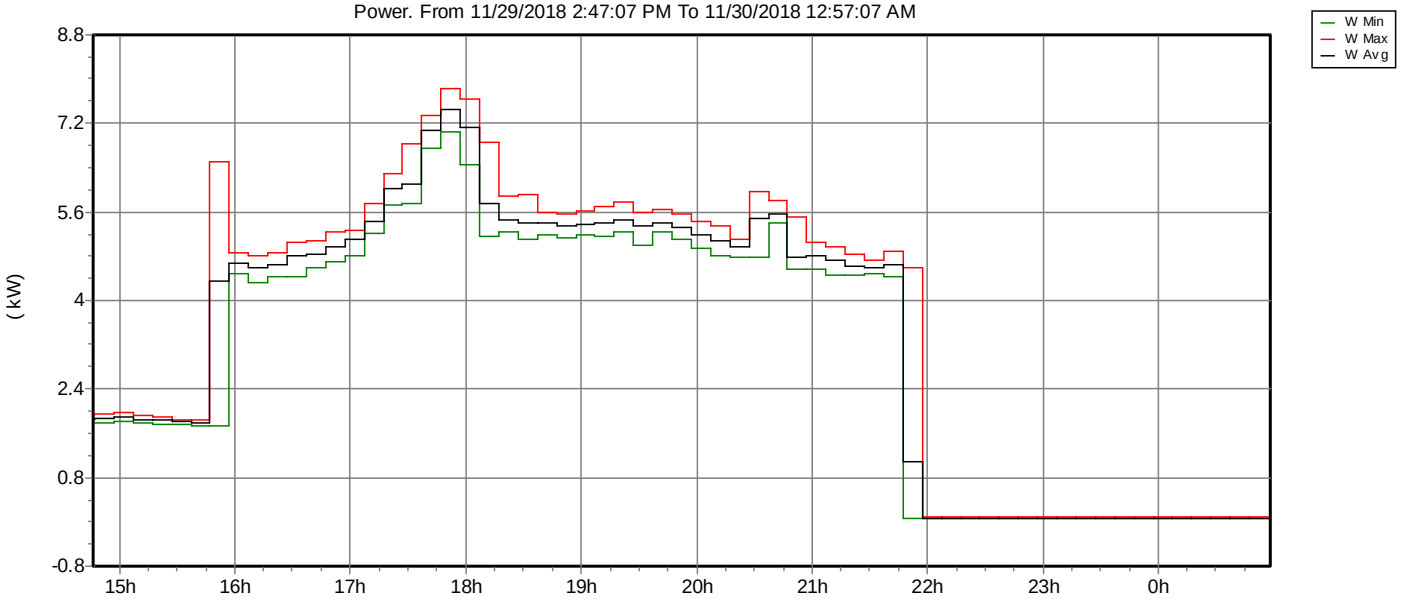
Flicker. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



Power. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



Power. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



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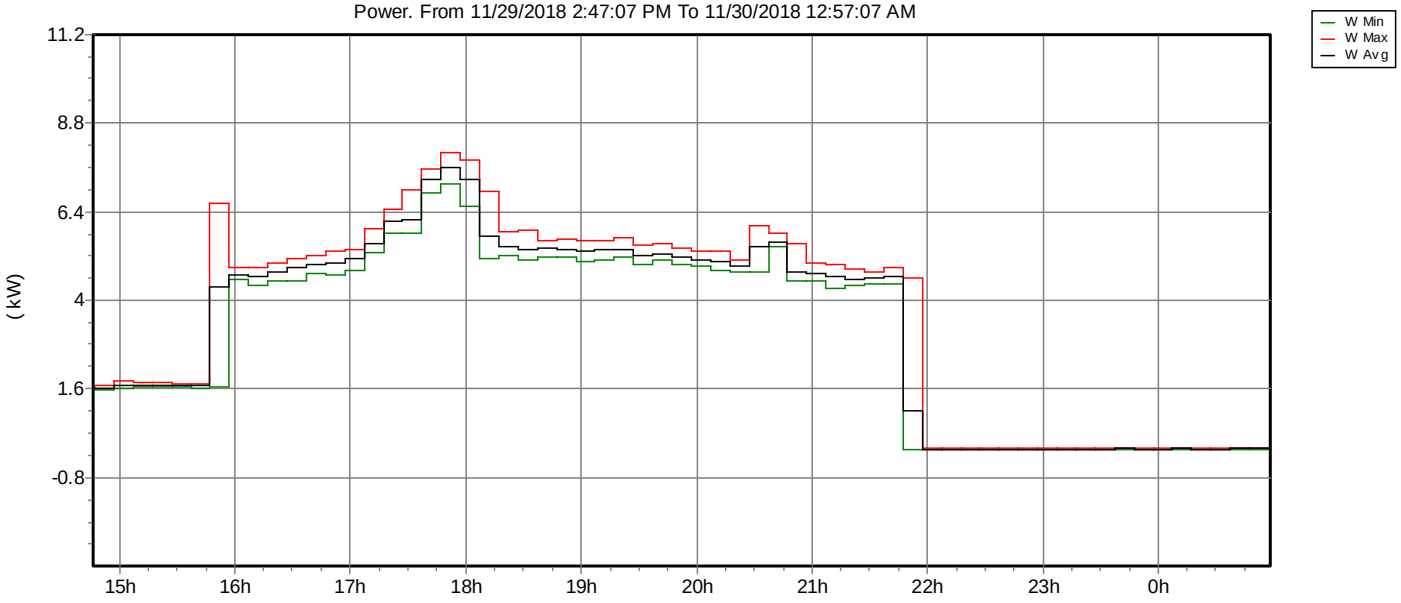
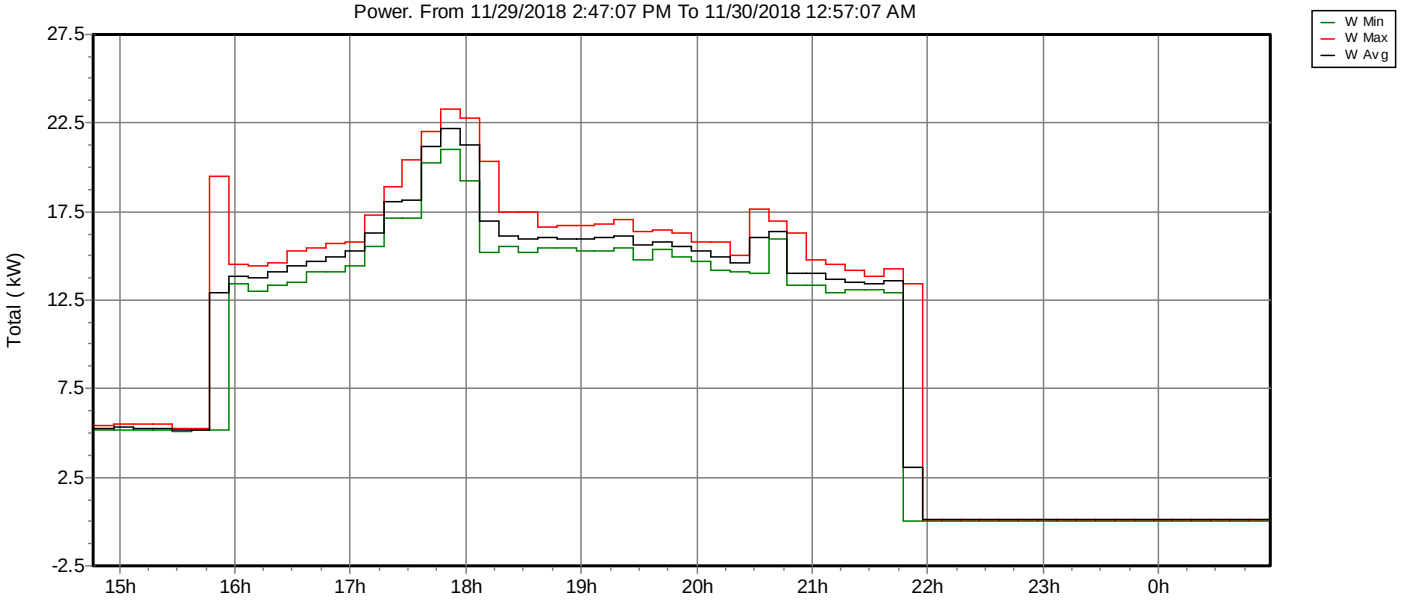
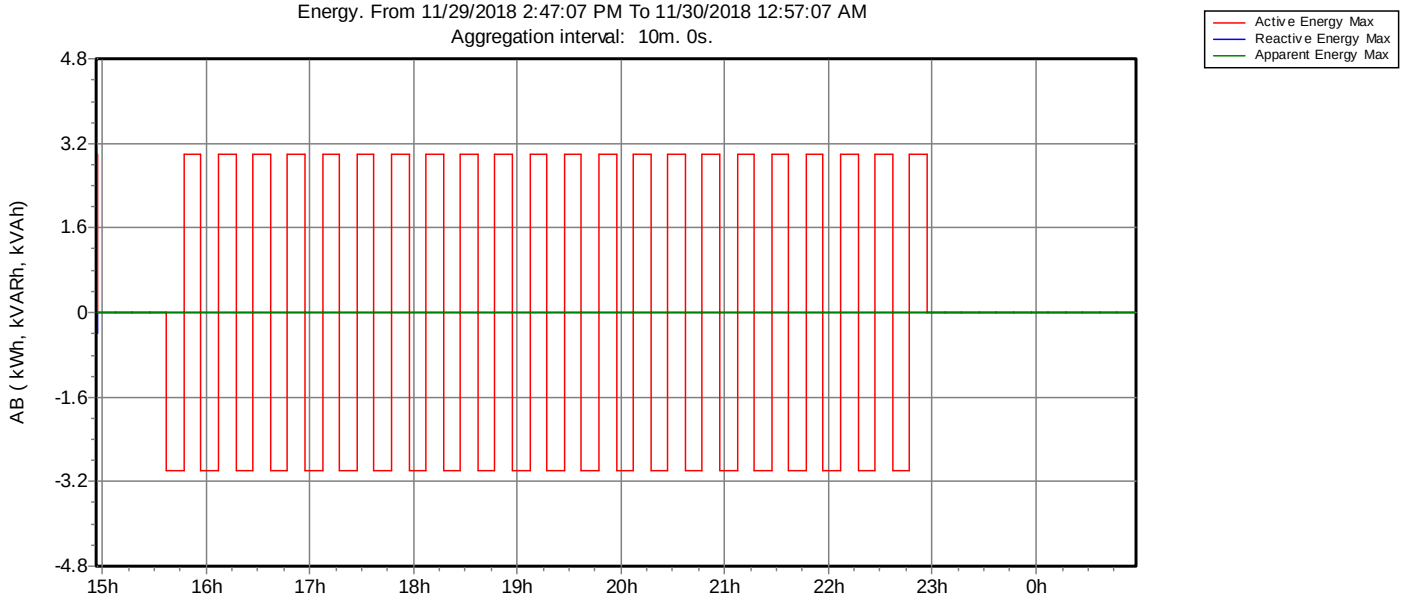


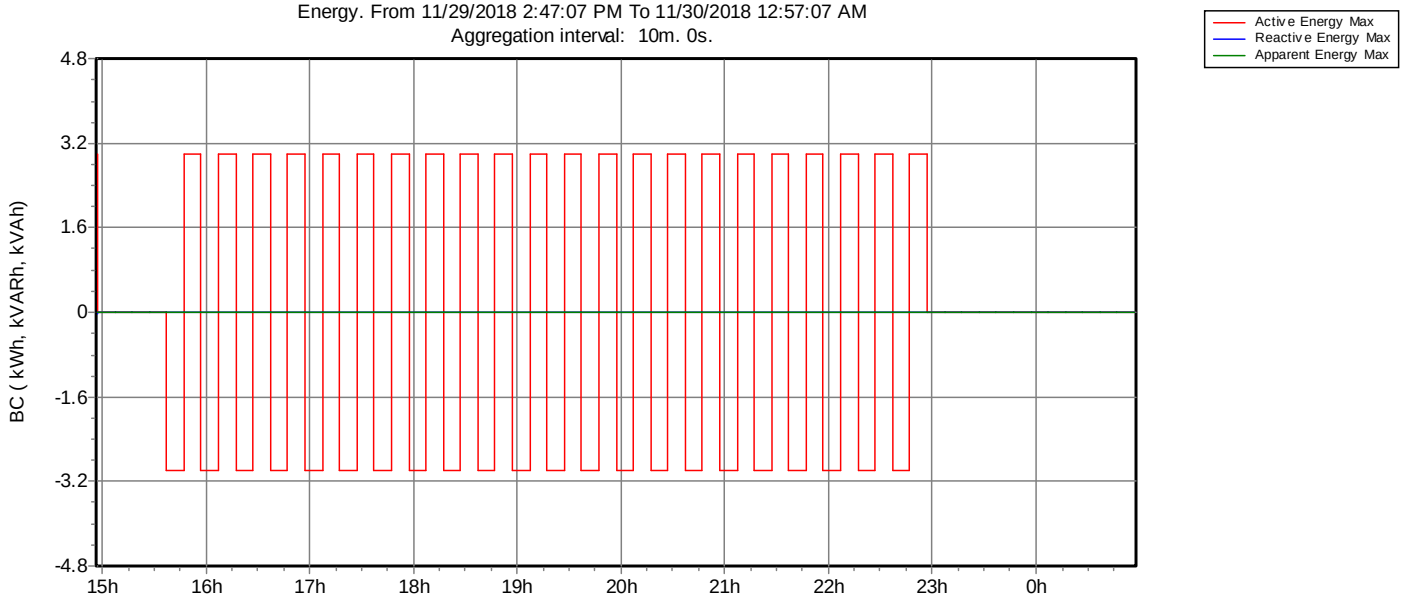
Power. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



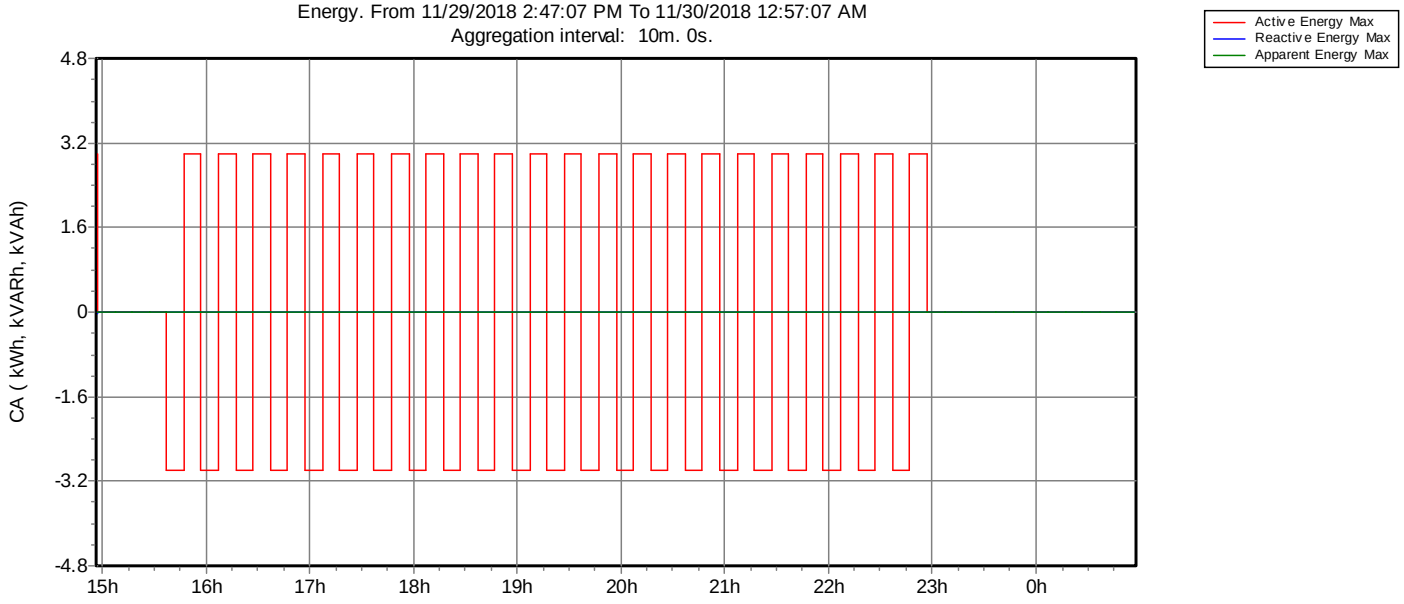
Energy. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
Aggregation interval: 10m. 0s.



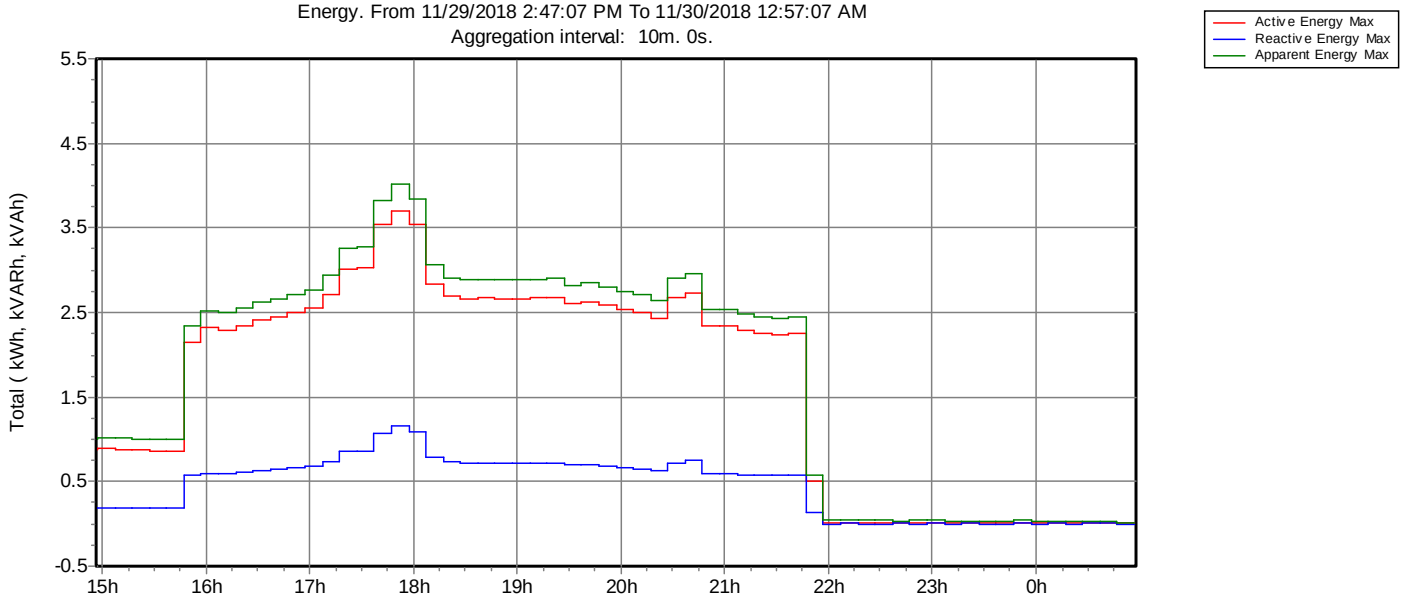
Energy. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
Aggregation interval: 10m. 0s.



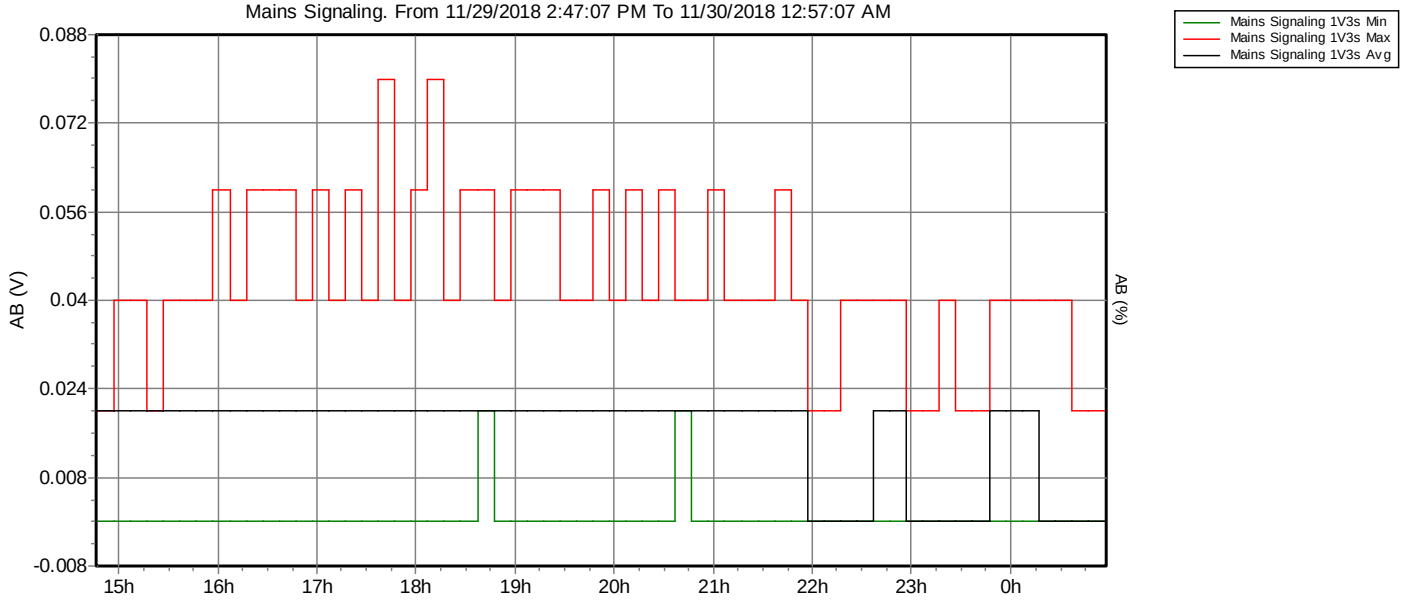
Energy. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
Aggregation interval: 10m. 0s.



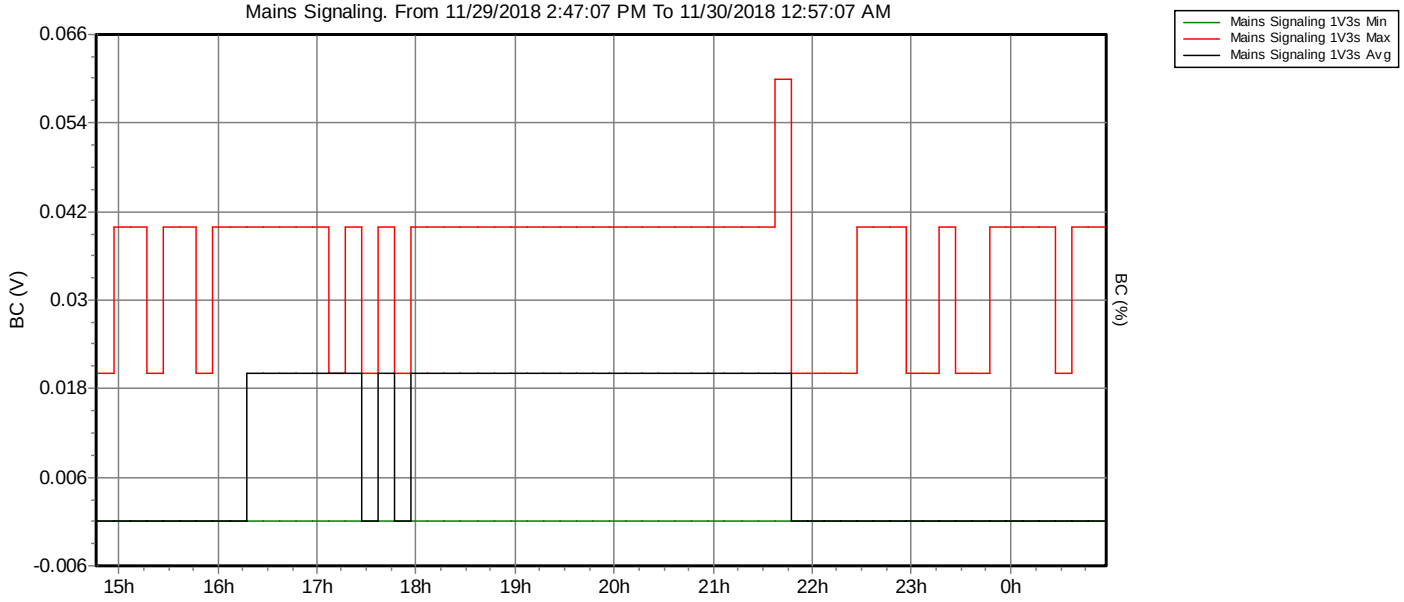
Energy. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
Aggregation interval: 10m. 0s.



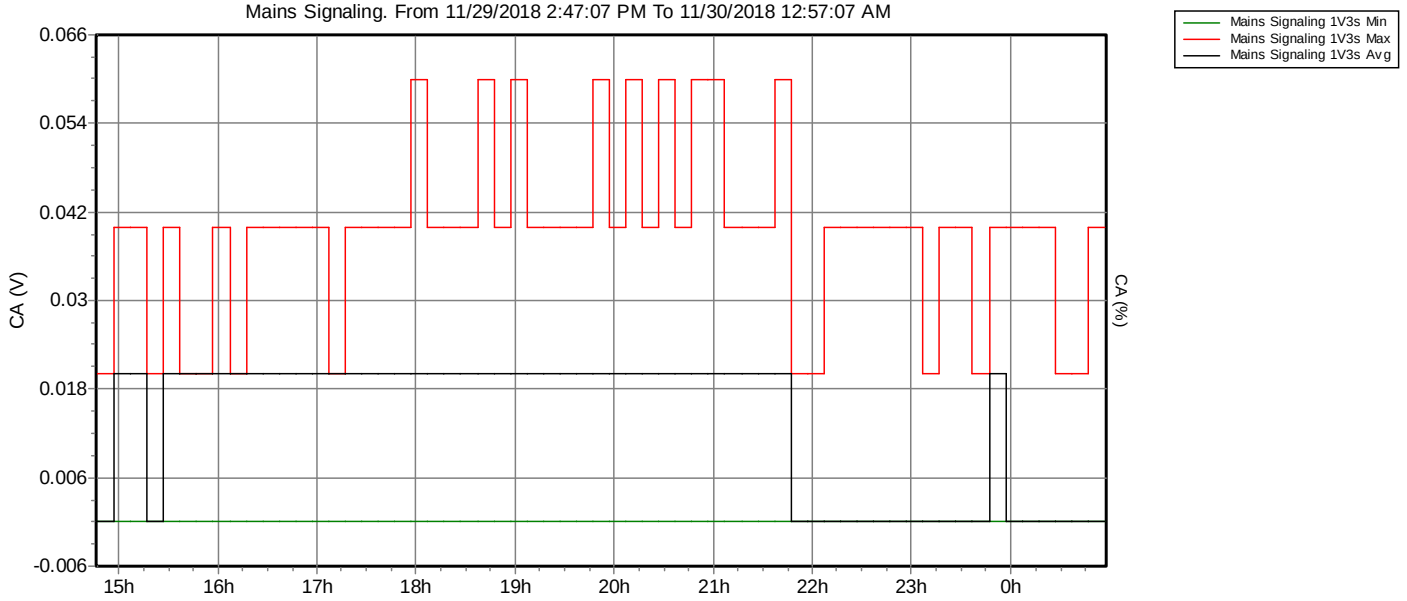
Mains Signaling. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



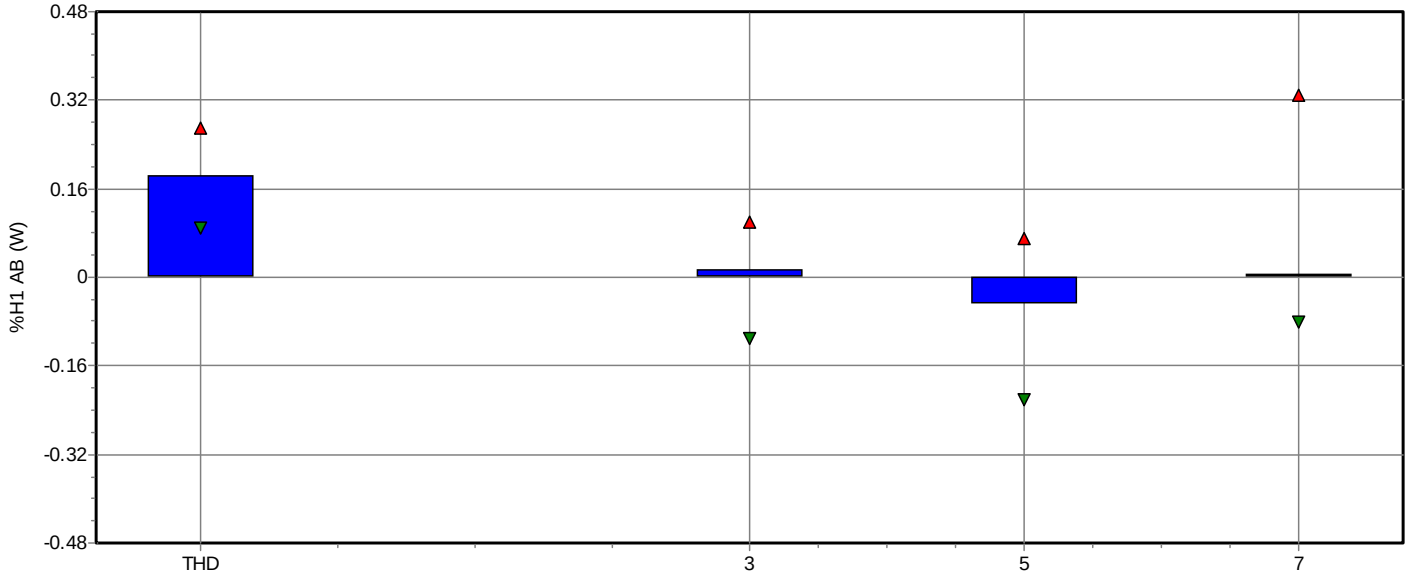
Mains Signaling. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



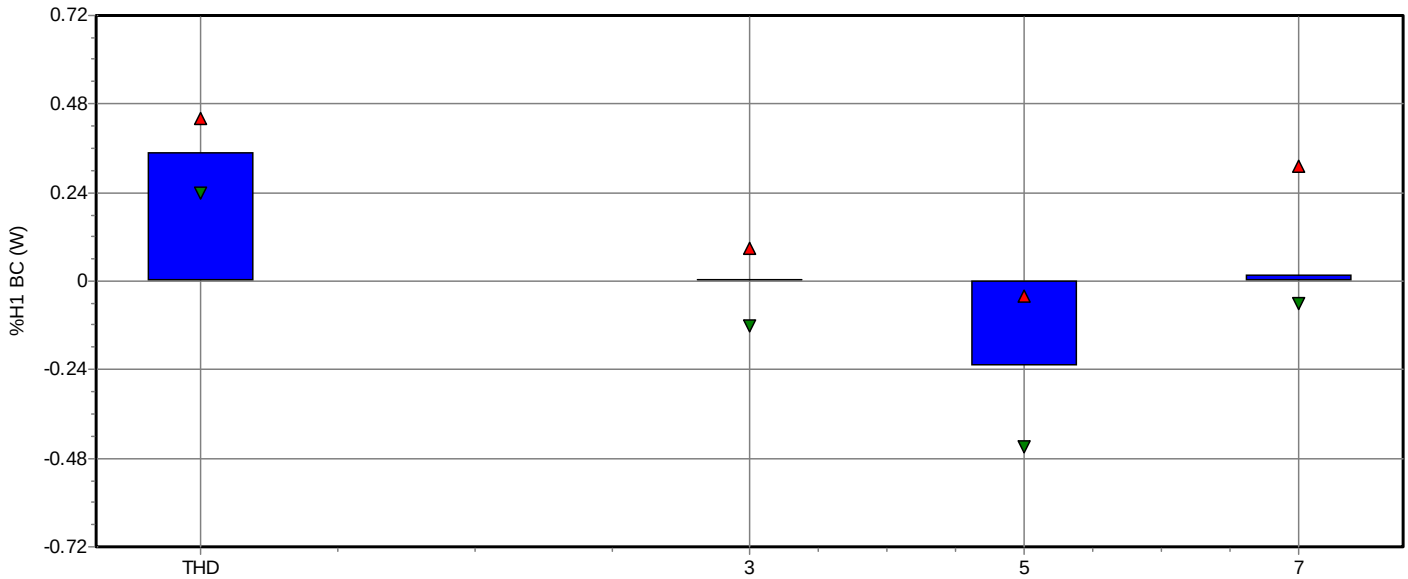
Mains Signaling. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM

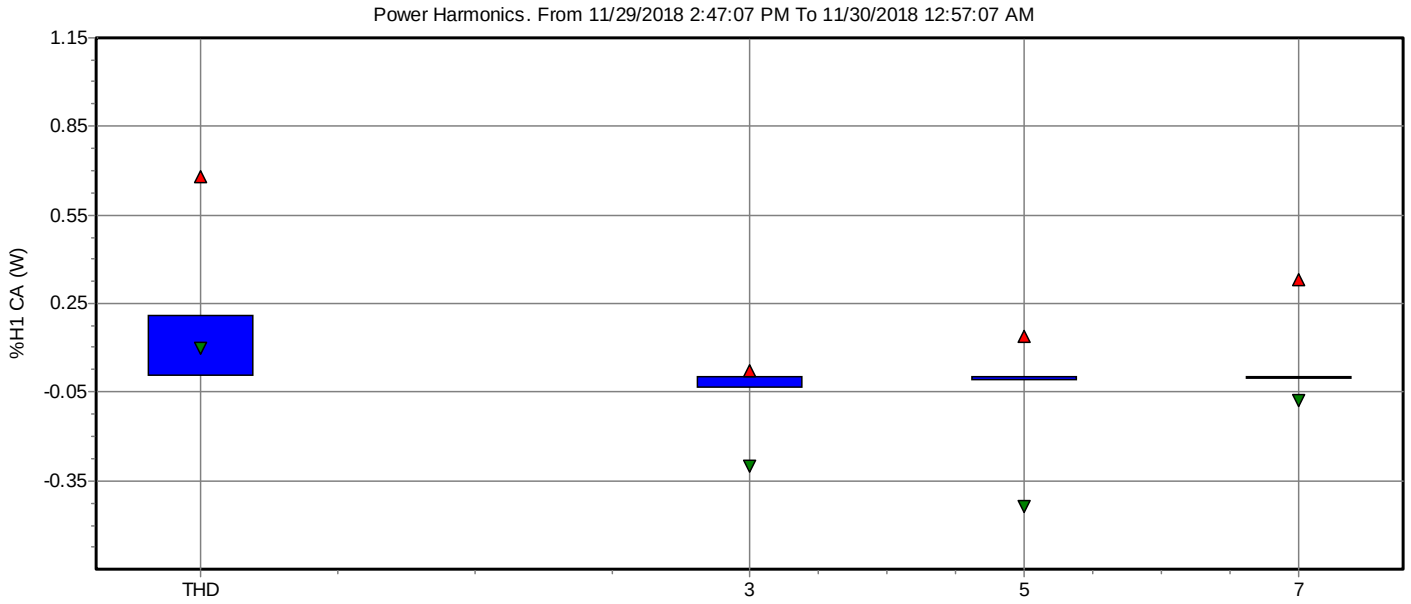


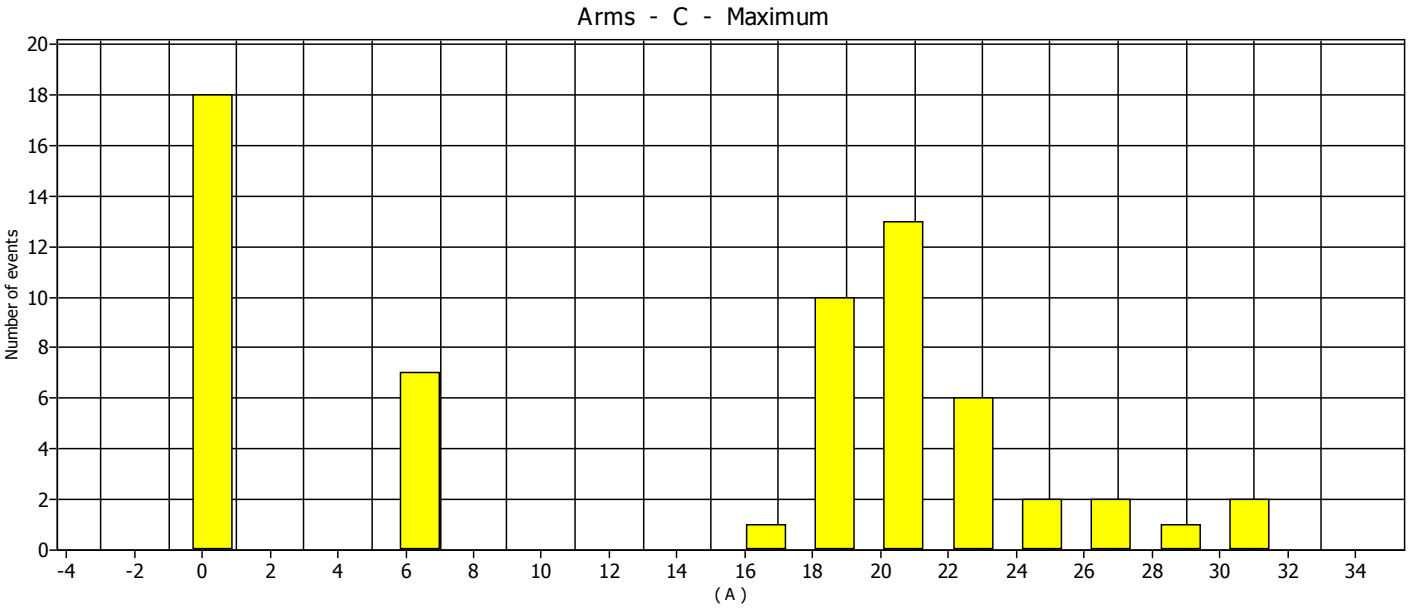
Power Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM



Power Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM




Power Harmonics. From 11/29/2018 2:47:07 PM To 11/30/2018 12:57:07 AM
1.15
0.85
0.55
0.25
-0.05
-0.35
%H1 CA (W)
THD
3
5
7


Arms - C - Maximum
Number of events
20
18
16
14
12
10
8
6
4
2
0
-4
-2
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
(A)

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