Accessing the AXM-WEB at User level

This document will provide a brief overview of accessing the AXM-WEB at User level. In this level users will be able to read and view meter information.

To view the web interface of the AXM-WEB, an Ethernet connection is needed.

• Open an internet browser and type in the IP address of the meter in the browser search bar and hit the Enter key. The meter's web login page will display as followed:

← ⇒ C'	کی المحمد ا	ක් :
	Sign in to use AXM-WEB	
	Access Level	
	 User View reports and settings Admin Edit settings, control meter 	
	Password	
	Password	
	Sign in	
	Figure 1	

• Login to the web page as 'User'. The default password is 'view'.

Upon successfully logging in you will be redirected to the Dashboard where a brief report of data from the meter will display. The Dashboard will also display how long the AXM-WEB has been up and communicating.

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4/	CUEVERGY			Your	Power	and	Auto	mation	Pa	rtner
	ACCUENERGY			Dashboard	Metering -	Sta	atus -	Settings	Ŧ	Logout
	Dashboard									
	Basic Metering			Power & Energy						
	Average Voltage	117.127	V	Total Power Factor				C	.675	PF
	Average Line Voltage	0.000	V	Total Apparent Powe	r			1	.184	kVA
	Average Current	3.333	А	Total Active Power				C	.799	kW
	Frequency	60.000	Hz	Import Active Energy					8.5	kWh
	Full report			Full report						
	THD			Max Demand						
	THD Voltage Average	3.640	%	Maximum Apparent	Power Dema	and		1	.440	kVA
	THD Current Average	90.020	%	Maximum Active Pov	ver Demand			C	.888	kW
	Full report			Full report						

Module up since Wed Apr 13 2016 12:48:08 GMT-0400 (Eastern Davlight Time)

Figure 2

To view more data click on 'Metering'. This will display a list of parameters that can be viewed from the AXM-WEB. Click on the sub-section that corresponds to the data you would like to view:

Basic Metering: This page will show the real-time readings such as voltage, current, power and etc.

Power & Energy: This page will show the energy readings such as the import energy, export energy, total energy as well as the demand readings.

Min/Max: This page shows the maximum and minimum statistics that the meter has recorded since the lifetime of the meter or from the last reset of the min/max statistics.

THD: This page will show the power quality data such as the THD, THFF, crest factor for both voltage and current.

Harmonics: This page will show the harmonics of the voltage and current waveform. It will display the harmonics of each phase in graphical and tabular format. Select between voltage and current to view their respective harmonics as well as between the 2nd-31st harmonics or $32^{nd}-63^{rd}$.

Phase Angles: This page will show the phase angles of the voltage and current waveform. Sequence: This page will show the positive, negative and zero components of the voltage and current waveform.

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ACCUENERGY			Dasi	nboard	Metering -	Status -	Settings -	Log
Dashboard				Basic I Power	vletering & Energy			
Basic Metering			Power &	Min/Ma THD Harmo	ax inics			
Average Voltage Average Line Voltage	0.000	V	Total Pow Total App	Phase Seque	Angles nce		-0.678	3 P
Average Current Frequency	143.435	A Hz	Total Activ	e Power	IV		-34.208	3 K
Full report			Full repo	t				
THD			Max Der	mand				
THD Voltage Average	3.480	%	Maximum	Apparen	t Power Demar	d	68.000) K
THD Current Average	93.320	%	Maximum	Active Po	ower Demand		44.000) k'

Module up since Wed Apr 13 2016 12:48:44 GMT-0400 (Eastern Daylight Time)

Figure 3

To view meter information/status click on the `Status' tab and select the information you would like to view:

Device Information: This page will display meter information such as the model, serial number, firmware version and device address of the meter. It will also provide the serial number, firmware version, hardware version and MAC address of the AXM-WEB module. *Alarm Status:* This page will display the alarm log of the meter. It will provide the status of up to 16 alarm events indicating the parameter, value and timestamp of the alarm event. *I/O*: This page will show the status of the I/O Modules that are connected and their values. I.E. Relay Output status(on/off), DI status and etc.

SOE: This page shows the Sequence of Event log for the enabled I/O module with timestamps.

Dashboard Device Information Alarm Status Basic Metering I/O Power & Energy SOE	PF
Basic Metering I/O Power & Energy SOE	PF
Basic Metering Power & Energy SOE	PF
	PF
Average Voltage 117.352 V Total Power Factor -0.678	
Average Line Voltage 0.000 V Total Apparent Power 50.969	kVA
Average Current 156.088 A Total Active Power -34.570	kW
Frequency 59.990 Hz Import Active Energy 64.6	kWh
Full report Full report	
THD Max Demand	
THD Voltage Average 3.650 % Maximum Apparent Power Demand 68.000	kVA
THD Current Average 91.000 % Maximum Active Power Demand 44.000	kW
Full report Full report	

Module up since Wed Apr 13 2016 12:48:45 GMT-0400 (Eastern Daylight Time)

Figure 4 *Accuenergy*

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