Audacy Energy Consumption

Last Modified on 12/08/2021 2:04 pm EST

INTRODUCTION

Audacycontrols.com provides a visualization and export tool for monitoring energy consumption and system errors.



Energy consumption is calculated using the data you provided during Luminaire Controller configuration. Load data is pulled from the Gateway, the driver/ballasts, and sensors/switches. Click Reports from the main audacycontrols,com menu



There are multiple options available to utilize the consumption data is stored indefinitely within the system. The user can input voltage, amperage and power factor of the driver - the system will calculate energy consumption via an internal lookup table.

The system errors report provides a listing of devices that have failed to communicate with audacycontrols.com.

CONSUMPTION

The Consumption tab provides graphs that visualize the energy consumption in three ways. These graphs can be scaled to show a range of months.

Usage by Month provides a bar graph
displaying energy consumption per month of the
selected range.



Usage by Week (Day) provides a line graph describing the total consumption per week if the selected range is greater than 30 days (per day if the selected range is less than 30 days).



All Areas Total Usage provides a bar graph showing total energy consumption for all spaces controlled by the gateway.



SETTING THE SCALE

To set the reporting scale for energy consumption:





3. Click Spaces Data to Include button to open a menu of available Spaces to monitor. Click on the radio buttons of the Spaces and press Select to return to the Set Date Ranges and Spaces Menu.

Select	Space	hed
٥	Report on All Spaces	
0	DJ Test Room	R
0	DMX Demo	
0	Demo room	
0	HB Test	
0	IDEAL Electrical Sales Room	
0	ldeal R & D	
0	MK test room	
0	Matthew Test Room	
0	Sycamore Manf - East Parking Lights	
0	Sycamore Manufacturing Foyer	
0	Sycamore Manufacturing Office	
0	Test GW Repeater	
0	Tim Test	
0	VDT Test	
0	z Clarence RMA EVAL	
	Select	



 Press Dismiss to return to the Energy Consumption Screen.

EXPORTING THE DATA

To export an energy consumption report for the current date range:

 Click the Share button on the Energy Consumption Screen.



2. Click Start Export to begin exporting the data into a CSV file.

Confirm Export?

For exports covering a large number of spaces, this may take a while...

Cancel Start Export

	Opening audacy_consumption.csv X
3. Choose how to view and/or save the CSV file. Vou have chosen to open: Image: Stress of the	You have chosen to open: audacy_consumption.csv which is: Microsoft Excel Comma Separated Values File (10.6 KB) from: blob: What should Firefox do with this file? © Open with Excel (default) © Save File Do this automatically for files like this from now on. OK Cancel 0.18

ERROR REPORT

The ERRORS Tab provides a listing of devices that have failed to communicate with audacycontrols.com. To access the list click on the ERRORS Tab.

Reports		
CONSUMPTION	ERRORS	
Total Device Error	rs: 11	
Motion Sensor Device Type: Outdoor Motion Sensor Room: Matthew Test Room Serial: 1900001A	**	
Motion Sensor_1 Device Type: Outdoor Motion Sensor Room: Matthew Test Room Serial: 19000057	** *	
Syc Manf Foyer - Occ Sensor Device Type: Extended Radius Motion Sensor Room: Sycamore Manufacturing Foyer Serial: 170002D3	** *	
Syc Manf Foyer - Switch Device Type: Tactile Scene Switch Room: Sycamore Manufacturing Foyer Serial: 2E00010F	**	
Syc Manf North - Contorller Device Type: Luminaire Controller 20 Amp Room: Sycamore Manufacturing Office Serial: 1800051C	** **	
Syc Manf South - Contorller Device Type: Luminaire Controller 20 Amp Room: Sycamore Manufacturing Office Serial: 18000726	***	

The ERRORS Tab provides a diagnostic tool for each error that offers some repair options.

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	CONSUMPTION	ERRORS
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	Syc Manf South - Contorller Device Type: Luminaire Controller 20 Amp Room: Sycamore Manufacturing Office Serial: 18000726	** *

Room: M Serial: 19(atthew Test Room 20001A	
Motior Device T	Fix Device Error	💥 💥
Serial: 19 Syc Ma Device T	Device 1900001A is not communicating, choose how to f Swap Delete	ix:
Room: S Serial: 17	Ca	ncel
Syc Ma	nf Foyer - Switch	**

To export the Errors List:



1. Click the Share button on the Errors Tab to

export the Errors List.

	CONSUMPTION	ERRORS
<	Total Device Errors: 11	
	Motion Sensor Device Type: Cutdoor Motion Sensor Room: Matthew Text Room Serial: 1900001A	× ×
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	Opening audacy_device_err.csv	×
	You have chosen to open:	
	audacy_device_err.csv	
	which is: Microsoft Excel Comma Separated Values File (906 bytes) from: blob:	
ve the What should Firefox do with this file?		
	Open with Excel (default)	
	○ <u>S</u> ave File	
	Do this <u>a</u> utomatically for files like this from now on.	
	OK Cancel	

2. Choose how to view and/or save the exported CSV file.