



TRYSTAR®

INSTRUCTION MANUAL

INSTRUCTIONS FOR DATA LOGGING

TRYSTAR'S M850 DIGITAL METER

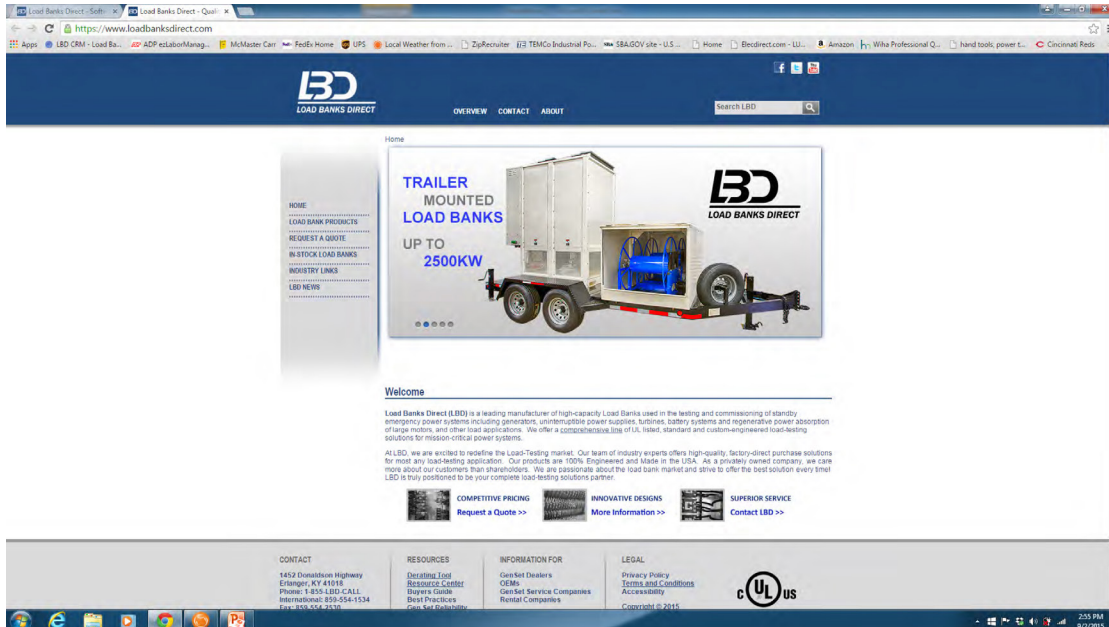
INSTRUCTIONS FOR
DATA LOGGING

INSTALL DRIVERS ON DATA LOGGING PC

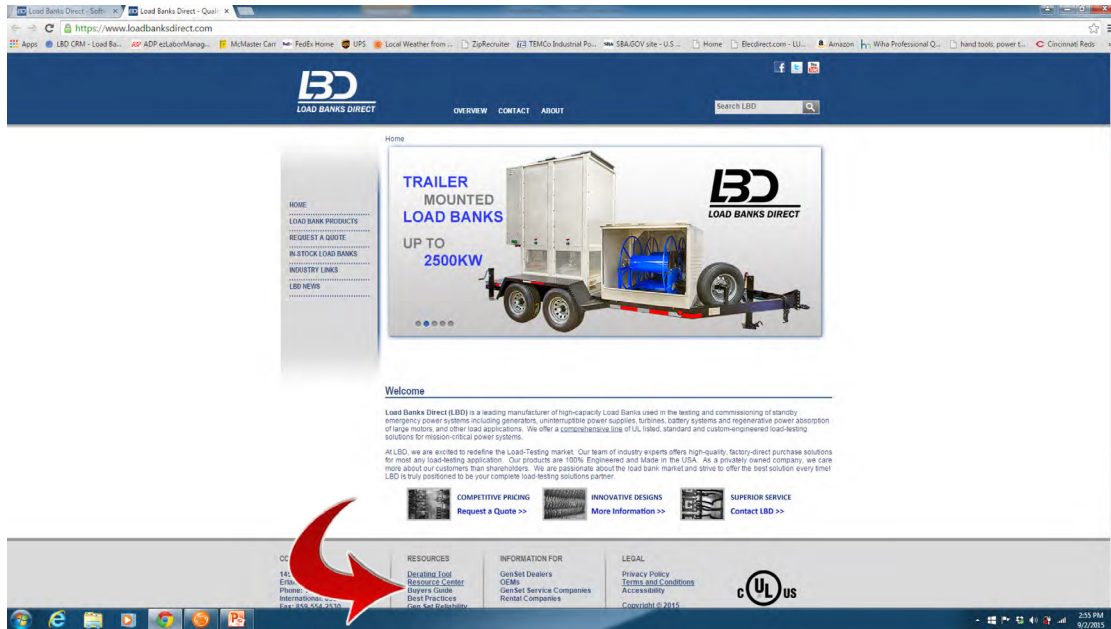
- Drivers for the RS485 to USB connection are required to communicate with the meter
- Some versions of the meter have the CD included with the Installation Manual Packet. CD will have the B&B Electronics Logo – USB Serial Driver v.2.8.29.0. If a CD is not included, please go to

<http://www.easysync-ltd.com/product-downloads>
and download the “USB to RS485” driver.

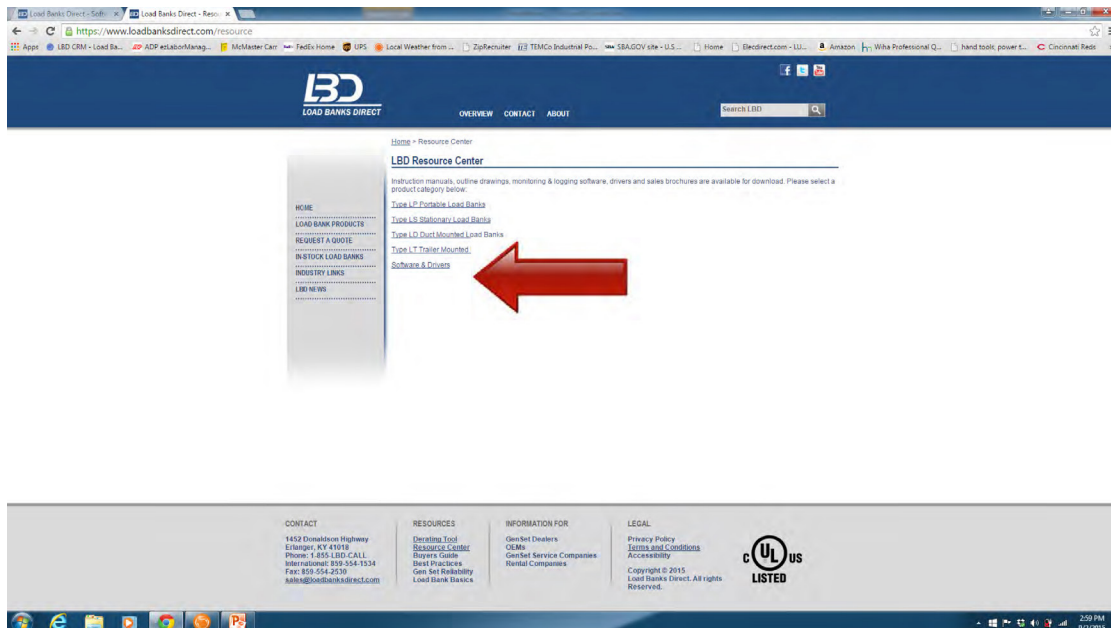
GO TO TRYSTAR WEBSITE FOR THE MULTILOG SOFTWARE <https://www.trystar.com>



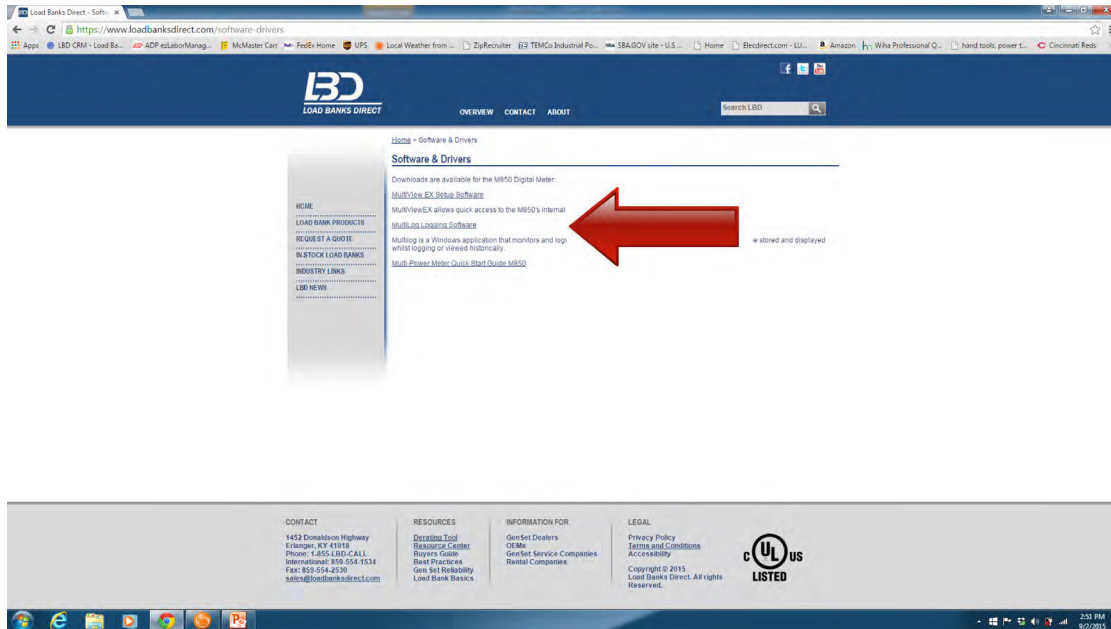
GO TO BOTTOM OF PAGE AND CLICK ON RESOURCE CENTER



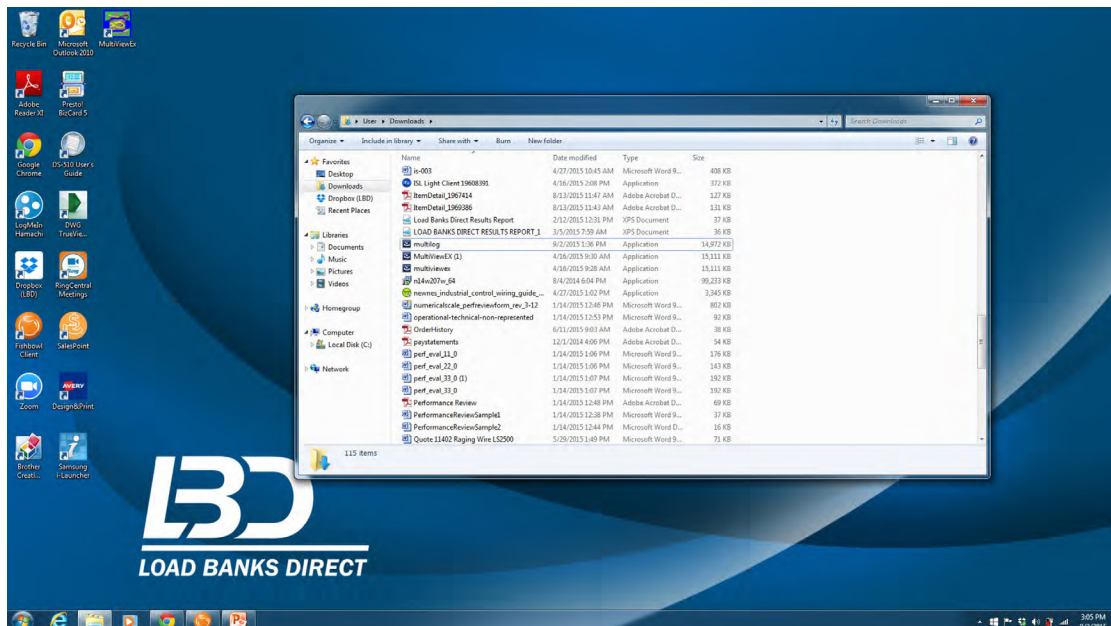
CLICK ON SOFTWARE AND DRIVERS



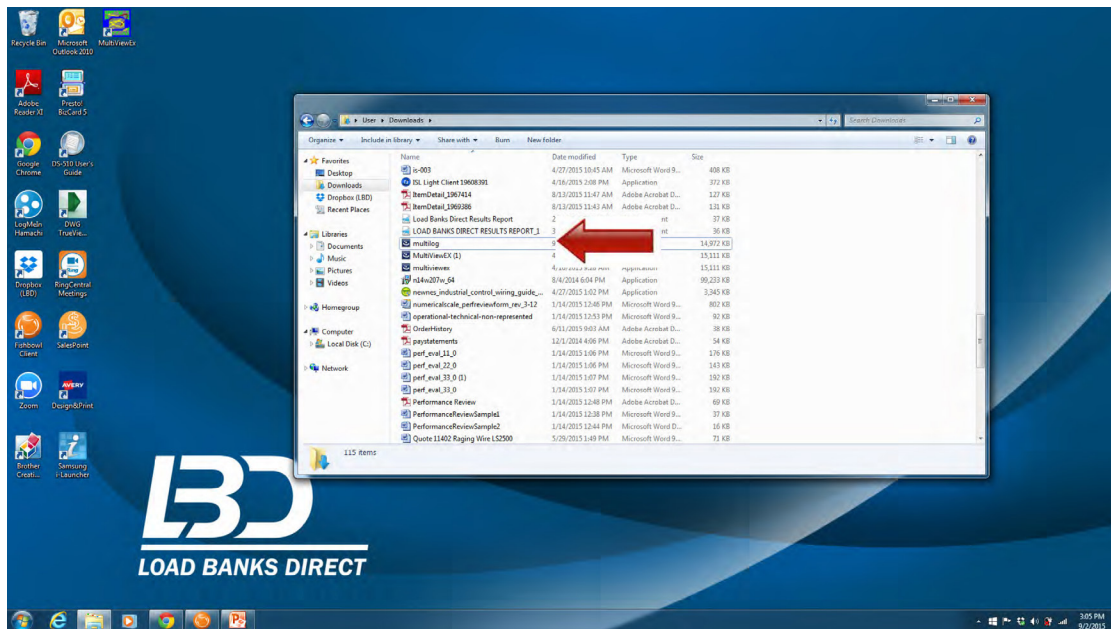
CLICK ON MULTILOG LOGGING SOFTWARE



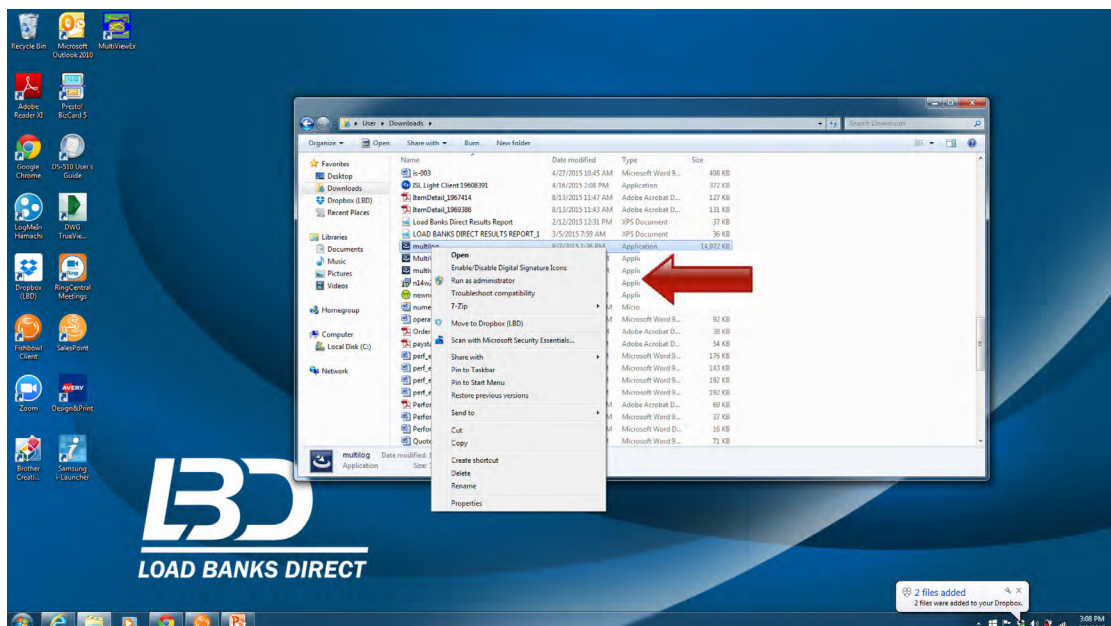
GO TO COMPUTER DOWNLOAD FILE



RIGHT CLICK ON MULTIOLOG



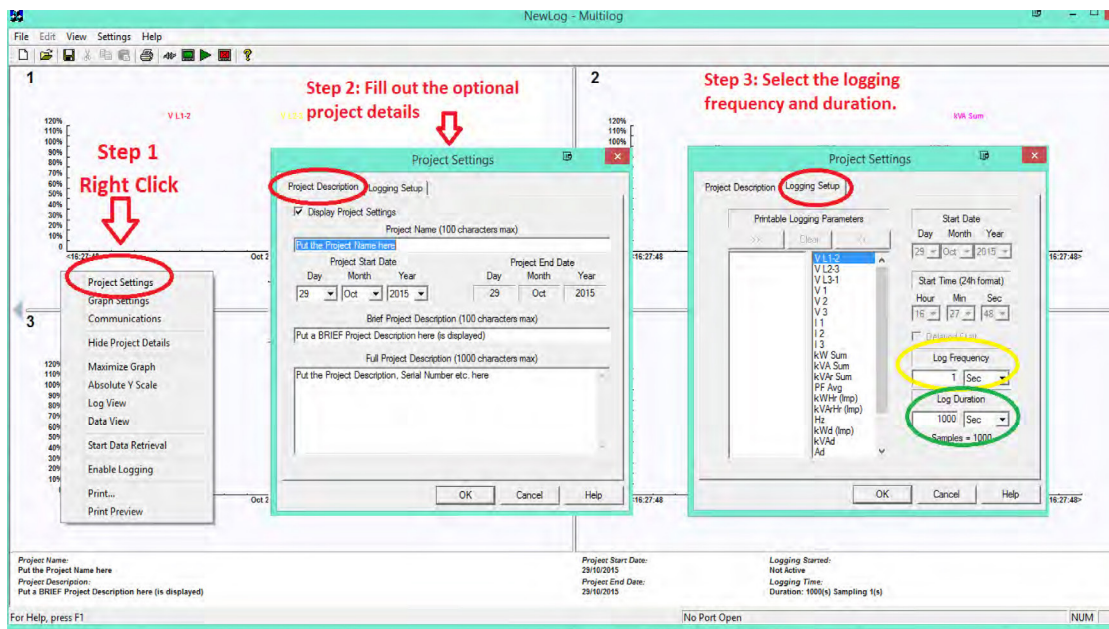
CLICK ON RUN AS ADMINISTRATOR



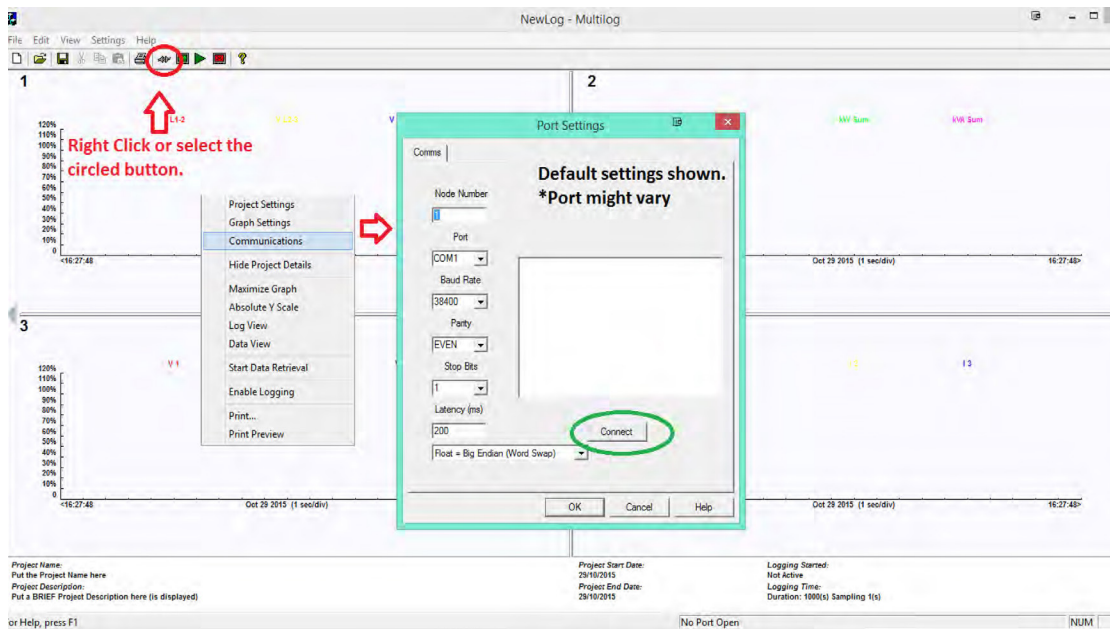
INSTALLING SOFTWARE

- Click YES to allow program to make changes to computer
- After installation go to Microsoft Start Button and Open MULTILog software
- Important: Next you must right click on Multilog icon, then right click on Multilog to select “Run as Administrator.”
- Once the Multilog opens you must select Settings tab, then Communication tab to access Port Settings. Port Settings must match your computer USB port connected to the power meter. Settings will not necessarily match what is displayed on the next page. To identify your computer’s port settings, go to Control Panel, select Device Manager then Ports.

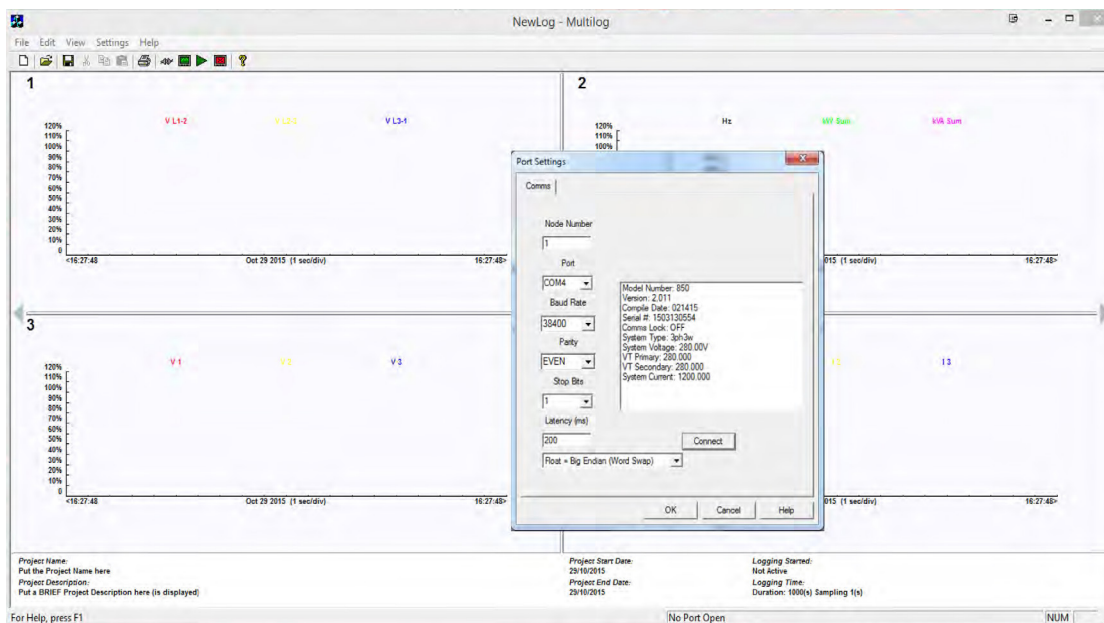
PROJECT SETTINGS



PORT SETTINGS

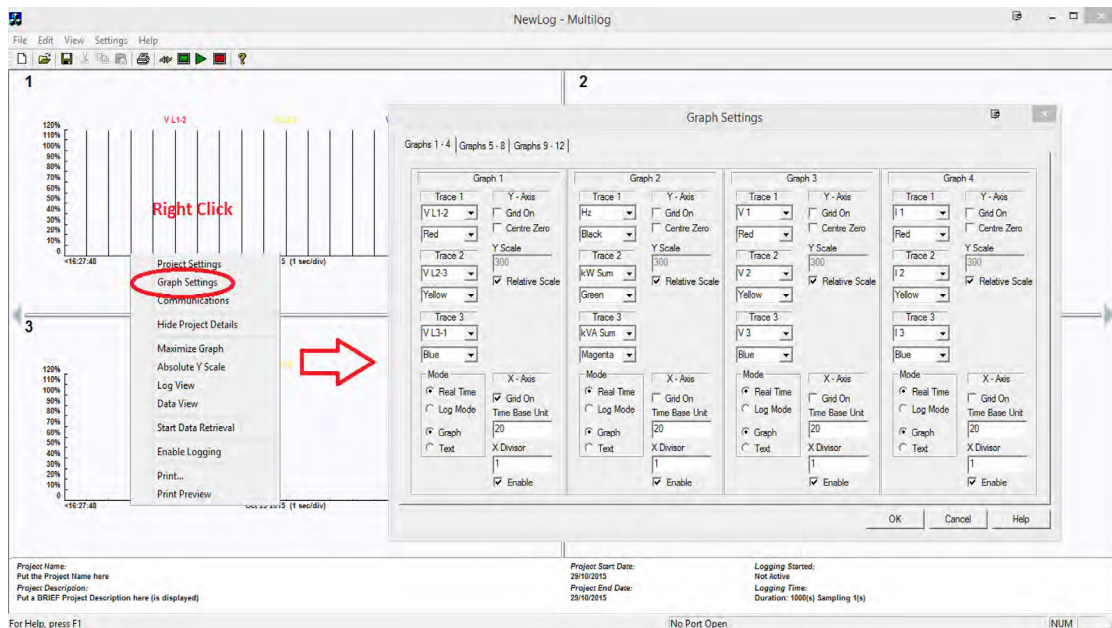


ONCE CONNECTED, YOU SHOULD
HAVE THE FOLLOWING



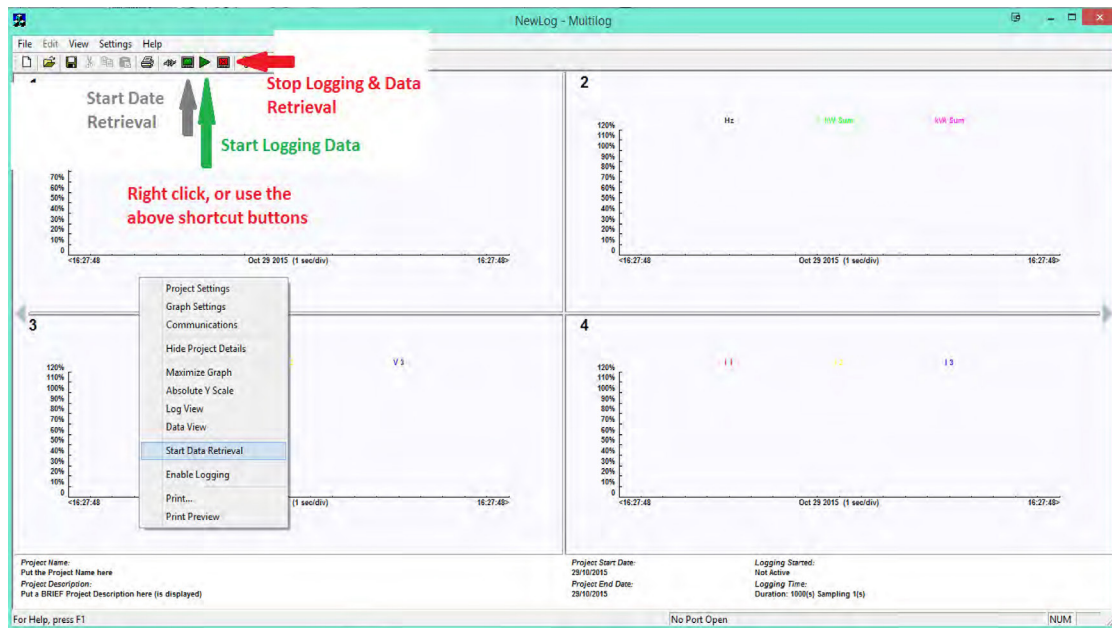
GRAPH SETTINGS

- Right click, select Graph Settings to access the graph preferences. The next page shows typical “Real Time” settings to display available load test data. This screen settings are user friendly and can be changed to operator preference.
- The time base unit is the total length of the X axis. I.E. to see one hour in 1 second log intervals, enter 3600.
- The X divisor is the Graph display interval (not the logging interval). If X = 20, a point will display every 20 log intervals.
- Double click any graph to maximize it on the screen.

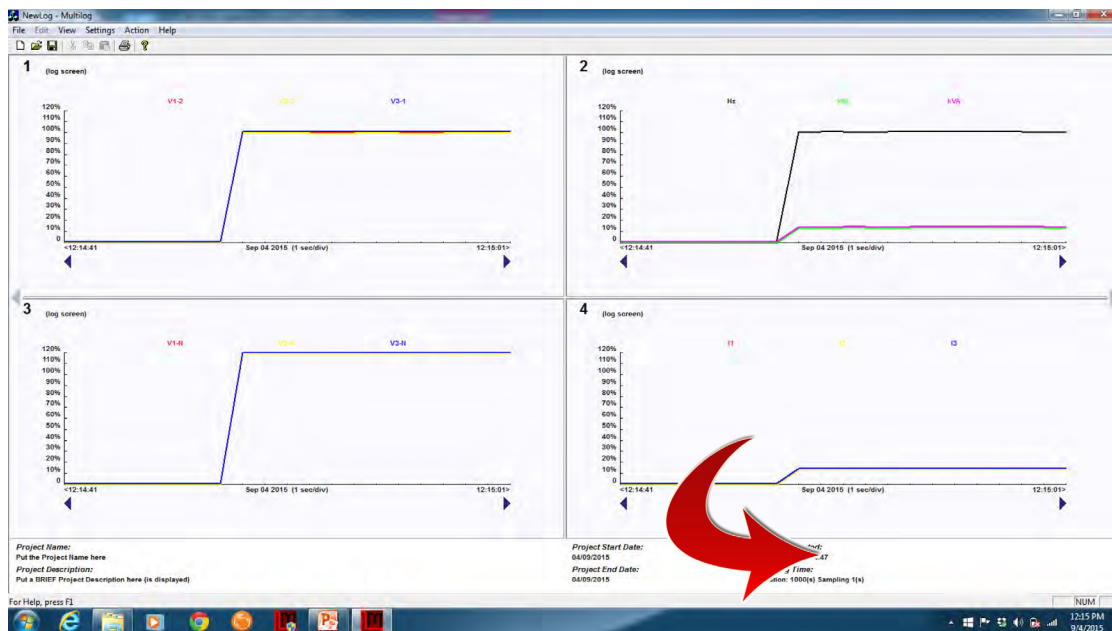


DATA LOGGING

- Right click on screen to pull up menu
- Click on Start Data retrieval
- Click on Enable Logging

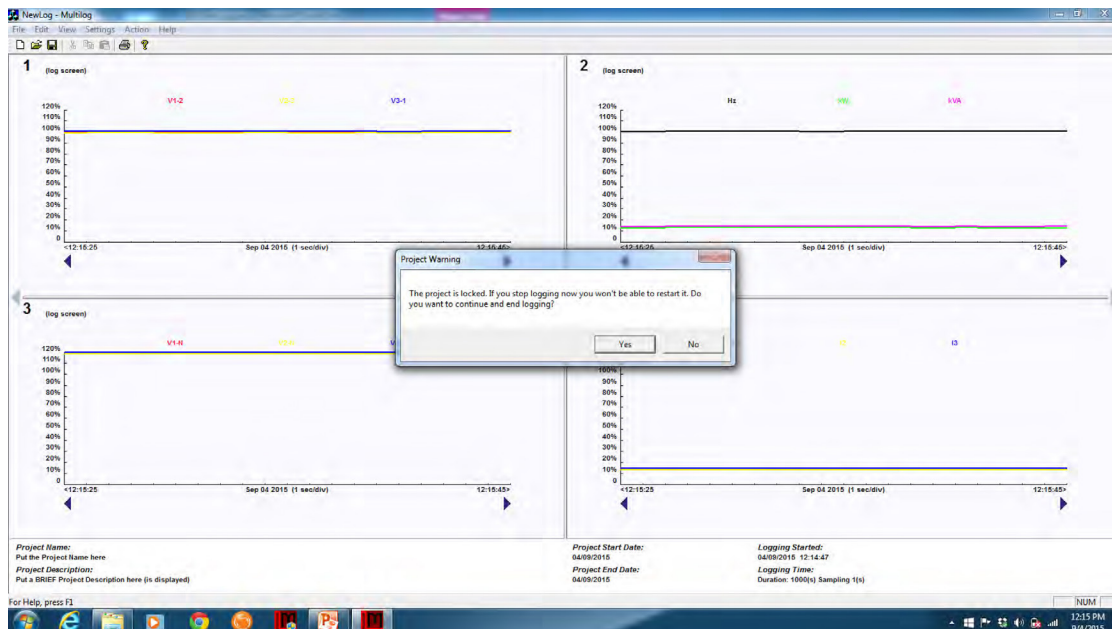


**SCREEN SHOULD INDICATE
LOGGING STARTED**

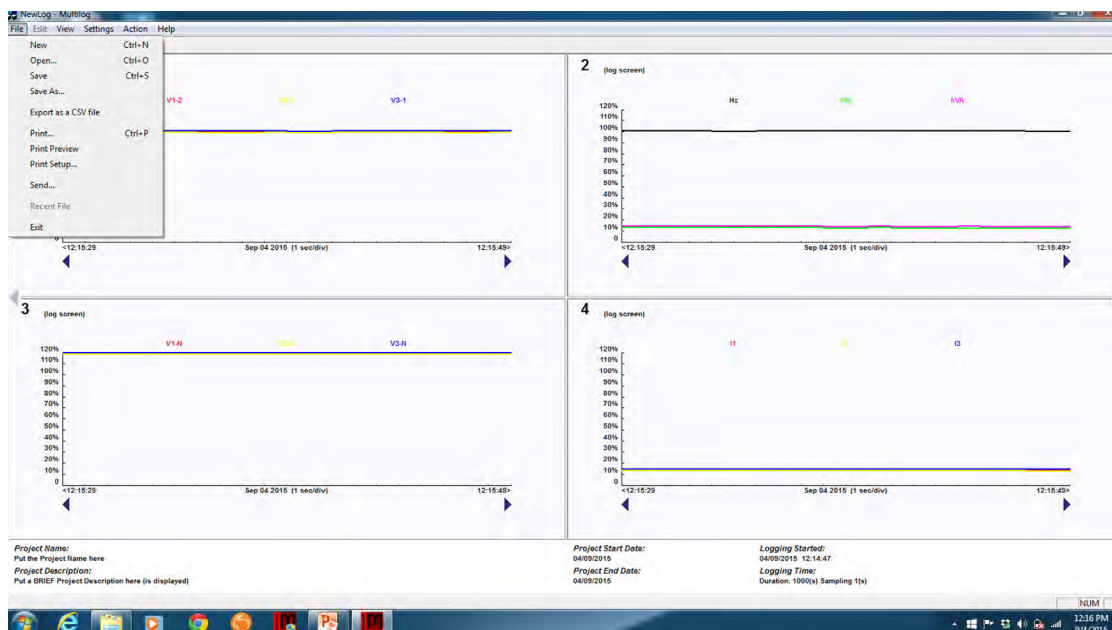


END DATA LOGGING

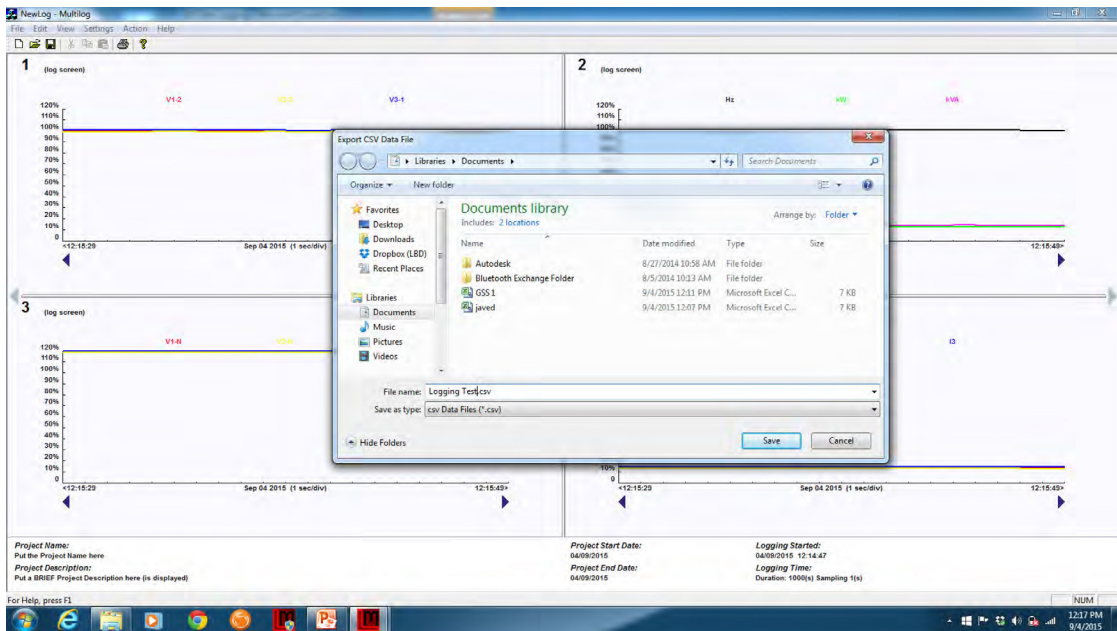
- Click on Stop Data Retrieval
- Click Yes



EXPORT DATA TO CSV FILE



SAVE FILE AS CSV



OPEN FILE

FileHomeInsertPage LayoutFormulasDataReviewView

CutCopyFormat PainterClipboard

Calibri11A A Font

Wrap TextMerge & CenterNumber

GeneralConditional Formatting

NormalBadGoodNeutralCalculationFormat Cell

AutoSumFillDeleteFormatClearSort & Find & Select

Logging Test - Microsoft Excel

A1Put the Project Name Here

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
13 Sep 04 201	483.8	483.5	483.5	483.8	483.5	483.5	160.3	160.8	161.4	134.6	134.7	3.41	1	79	2	60.23	134.5	134.6	482.1	0	180.4	180.4	1302	
14 Sep 04 201	483.7	483.6	483.5	483.7	483.6	483.5	160.2	160.9	161.1	134.6	134.6	3.406	1	79	2	60.2	134.5	134.6	482.1	0	180.4	180.4	1302	
15 Sep 04 201	483.8	483.6	483.6	483.8	483.6	483.6	160.1	160.8	161.2	134.5	134.5	0	1	79	2	60.24	134.5	134.6	482.1	0	180.4	180.4	1302	
16 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.4	161.1	160.9	134.6	134.6	0	1	79	2	60.24	134.5	134.6	482.1	0	180.4	180.4	1302	
17 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.6	160.7	161.2	134.7	134.8	0	1	79	2	60.23	134.5	134.6	482.1	0	180.4	180.4	1302	
18 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.2	161.2	161.2	134.6	134.7	0	1	79	2	60.21	134.5	134.6	482.1	0	180.4	180.4	1302	
19 Sep 04 201	483.7	483.6	483.5	483.7	483.6	483.5	160.1	161.1	161.3	134.6	134.6	3.463	1	79	2	60.19	134.5	134.6	482.1	0	180.4	180.4	1302	
20 Sep 04 201	483.7	483.5	483.5	483.7	483.5	483.5	160.1	160.6	160.8	134.3	134.4	3.407	1	79	2	60.19	134.5	134.6	482.1	0	180.4	180.4	1302	
21 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.3	160.9	161.2	134.6	134.6	0	1	79	2	60.22	134.5	134.6	482.1	0	180.4	180.4	1302	
22 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.3	160.9	161.2	134.6	134.6	0	1	79	2	60.22	134.5	134.6	482.1	0	180.4	180.4	1302	
23 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160	160.4	160.6	134.1	134.2	0	1	79	2	60.24	134.5	134.6	482.1	0	180.4	180.4	1302	
24 Sep 04 201	483.8	483.5	483.5	483.8	483.5	483.5	160	160.7	161	134.4	134.5	3.394	1	79	2	60.19	134.5	134.6	482.1	0	180.4	180.4	1302	
25 Sep 04 201	483.8	483.6	483.5	483.8	483.6	483.5	160.2	161	161.1	134.5	134.6	0	1	79	2	60.22	134.5	134.6	482.1	0	180.4	180.4	1302	
26 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.3	160.4	161	134.4	134.4	0	1	79	2	60.24	134.5	134.6	482.1	0	180.4	180.4	1302	
27 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160	160.1	161.3	134.2	134.3	3.432	1	79	2	60.26	134.5	134.6	482.1	0	180.4	180.4	1302	
28 Sep 04 201	483.8	483.5	483.5	483.8	483.5	483.5	160.1	160.7	161.3	134.5	134.6	3.477	1	79	2	60.21	134.5	134.6	482.1	0	180.4	180.4	1302	
29 Sep 04 201	483.7	483.5	483.5	483.7	483.5	483.5	160.2	161.2	161.8	134.9	134.9	3.699	1	80	2	60.21	134.5	134.6	482.1	0	180.4	180.4	1302	
30 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160	160.4	161	134.3	134.3	3.371	1	80	2	60.2	134.5	134.6	482.1	0	180.4	180.4	1302	
31 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.1	160.3	161.1	134.3	134.3	0	1	80	2	60.2	134.5	134.6	482.1	0	180.4	180.4	1302	
32 Sep 04 201	483.8	483.6	483.5	483.8	483.6	483.5	160	161	161.3	134.6	134.6	0	1	80	2	60.2	134.5	134.6	482.1	0	180.4	180.4	1302	
33 Sep 04 201	483.7	483.5	483.5	483.7	483.5	483.5	160.2	161.1	161.7	134.8	134.9	3.656	1	80	2	60.19	134.5	134.6	482.1	0	180.4	180.4	1302	
34 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160.2	161.3	161.2	134.8	134.8	0	1	80	2	60.23	134.5	134.6	482.1	0	180.4	180.4	1302	
35 Sep 04 201	483.8	483.6	483.6	483.8	483.6	483.6	160.1	160.6	161.1	134.5	134.5	3.484	1	80	2	60.2	134.5	134.6	482.1	0	180.4	180.4	1302	
36 Sep 04 201	483.8	483.5	483.6	483.8	483.5	483.6	160	160.6	161.1	134.4	134.5	0	1	80	2	60.24	134.5	134.6	482.1	0	180.4	180.4	1302	
37 Sep 04 201	483.8	483.4	483.6	483.8	483.4	483.6	160.3	159.9	160.8	134.1	134.2	0	1	80	2	60.26	134.5	134.6	482.1	0	180.4	180.4	1302	
38 Sep 04 201	483.7	483.5	483.5	483.7	483.5	483.5	160.3	161.1	161.2	134.6	134.7	0	1	80	2	60.22	134.5	134.6	482.1	0	180.4	180.4	1302	
39 Sep 04 201	483.7	483.4	483.5	483.7	483.4	483.5	160	160.4	161.1	134.3	134.4	3.528	1	80	2	60.22	134.5	134.6	482.1	0	180.4	180.4	1302	
40 Sep 04 201	483.9	483.5	483.6	483.9	483.5	483.6	160.3	161.1	161.3	134.7	134.8	0	1	80	2	60.25	134.5	134.6	482.1	0	180.4	180.4	1302	
41 Sep 04 201	483.7	483.5	483.5	483.7	483.5	483.5	160.2	160.5	161	134.4	134.4	3.393	1	80	2	60.21	134.5	134.6	482.1	0	180.4	180.4	1302	
42 Sep 04 201	483.8	483.6	483.5	483.8	483.6	483.5	160.2	160.7	160.8	134.4	134.5	3.387	1	80	2	60.2	134.5	134.6	482.1	0	180.4	180.4	1302	
43 Sep 04 201	483.8	483.6	483.5	483.8	483.6	483.5	160.2	160.7	160.8	134.4	134.5	3.387	1	80	2	60.2	134.5	134.6	482.1	0	180.4	180.4	1302	
44 Sep 04 201	483.8	483.4	483.5	483.8	483.4	483.5	160	161.1	161.5	134.7	134.7	0	1	80	2	60.19	134.5	134.6	482.1	0	180.4	180.4	1302	

ReadyH A B C D E F G H I J K L M N O P Q R S T U V W X

