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Yokogawa for Dummies

(Useful knowledge not taught in Purdue Computer Science Department)

The following is a set of instructions and rationale.

Instructions/अनुदेश/说明/సూచనలను	Why? /क्यूं कर? /为什么？/ఎందుకు?
1. Connect the black cable to a power outlet 2. Turn on the Machine	Because you have to turn on the machine before you can use it.
1. Notice there are 2 grey cables with yellow heads, connect the yellow head labelled "SOURCE" to a power outlet and the other labelled "LOAD" to the device which the power you are measuring 2. Upon connecting the plugs, you should be able to see the values on the WT310E 3. To change the values on the screen to the one you want to view, use the "FUNCTION" button a. E.g. change from V to A, press "FUNCTION"	You have to provide power to the device and then measure the the power.

1. Connect the white usb to the black DELL with the "LPIRC" blue sticker
    a. If using DELL, use PCMS software
    b. Desktop -> YOKOGAWA -> Power Consumption Measuring Software -> IEC62301 -> PCMS.exe
 	
2. Or, if you would like to use it on your own CPU then download the "Power Measurement Application Software" from the Yokogawa website
 	
** However, when attempting to download, user rights is required which we do not have.
	Connect to a computer to use the software for further analysis and to churn out reports in .pdf and .cvs format.

The only software a user without user rights is able to download is the "Trial Version" ** PCMS on DELL is much more user-friendly	

1. How to use PCMS.exe
    a. Connection Tab
        i. Select WT Series -> "WT310E"
        ii. Press "Connect"
    b. Preparing for Measurement Tab
        i. Skip
    c. Condition and Measurement Tab
        i. Press Start
        ii. We measure the power per quarter of a second
    d. Output Tab
        i. Choose the options that you want
	To generate the report