

## Directions to use a remote energy monitoring device in Excel

The following example uses a Rainforest Automation RAVEn(TM) USB stick. Follow manufacturer instructions on installing the USB software. Then, obtain EMSPRO(TM) or MRPRO(TM) (either software as each has a crosslink for this purpose) license from WREA and download software. Also, set up a WREA account at [www.wreainc.com](http://www.wreainc.com). Then do the following:do the following:

Open Rainforest/power monitoring icon

Electric tab

Verify meter is running

RAVEN tab

Connection tab

Serial Port (what) COM \_see which port number

Close Rainforest's Power Monitoring window by clicking the x on the upper right corner

Open Excel

Add-Ins tab

Launch MRPRO Console from here

Start Button

Open

File

Local Disk (C)

C:\mrp51 folder

Click amidata3737

Open

Sheet1

Highlight Cell 2N type n

Verify Port Cell U1 matches the port for Rainforest stick

R1 add your wreainc user name

R2 add your wreainc password

U2 (thru AZ2) add alert level in watts

U4 (thru AZ4) add alert start time (24 hour clock, as in 09:00 or 13:00 or 21:00)

U5 (thru AZ5) add alert end time (24 hour clock, as in 09:00 or 13:00 or 21:00)

User can add any number (100+) additional alerts following the same pattern in next cells

Click File on Excel menu, then

Open

File myusage.xls or .xlsx, use location depending on what you need as follows:

c:\mrp51 for wreainc login – then you can get remote alerts on wreainc cloud

or the file Onedrive for remote monitoring /then you can share across onedrive

Click myusage.xlsx (or .xls)

Clear Column A only in myusage.xlsx or .xls

Mrpro51 click Real Time Data button for Onedrive sharing across cloud OR

Mrpro51 click Set WREA alerts for wreainc cloud alerts

Open wreainc.com

Click Login to WREA link

Sign into WREA Inc

The first page “Obtain View of Your Usage for Scenario Date Period”

Click on “Switch to alert checking data”

Click on “WREA Energy Assets portal”

Click on “My devices/appliances/equipment and Alerts”

Look at drop down for Alerts from newest to oldest

Open you existing OneDrive account and your excel file “myusage.xlsx” will be shown here in recording your energy usage.