Manual upload of IoTaWatt firmware (from https://community.iotawatt.com/t/how-to-update-version-manually/3622)

Use this procedure to download and install a selected release of the firmware.

1. Set your auto-update class to NONE. This is so the IoTaWatt won't immediately revert to an auto-update version after you install your selected release.

2. Download the desired release to your computer:
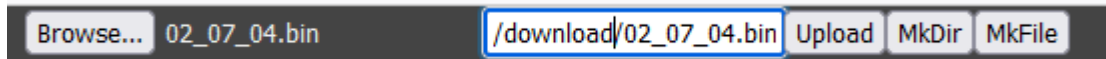https://iotawatt.com/firmware/bin/02_08_02.bin

3. Navigate to the IoTaWatt File Manager:

4. Tools->File Manager and Editor

5. In the upper left click
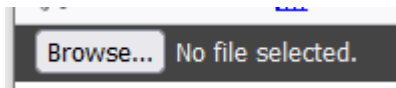
6. Using the file selection interface of your particular OS/browser, navigate to the downloaded file and click Open.

7. The file will appear in the file name window
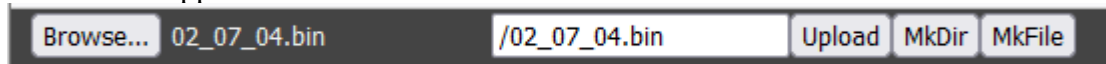
8. Prepend the directory name /download to the filename.

9. Click the Upload button.

10. In your browser, enter the following URL (substitute your name or IP if not iotawatt.local)
`http://iotawatt.local/update?release=02_08_02`

11. Wait about 15-20 seconds while the release file is validated, after which the message `Firmware updated, restarting.` should appear.

12. Wait another 10 seconds or so and run the IoTaWatt app. the new version should be displayed in Status->IoTaWatt Statistics.

13. Delete any integrators and their logs and recreate them

Note: If you are loading a release that was previously installed, it should already be in the /download directory. If so, you can skip steps 2-9.\