https://www.saveonenergy.com/learning-center/post/seven-apps-track-energy-use/

The article “Seven apps to track energy use” by the Save on Energy Team from 26th February 2020 compares seven different apps, which focus on energy use, to each other. It outlines the differences, advantages and disadvantages of them. All of the apps try to provide a solution to the over-use of energy in our world and are somehow similar to our not-yet-existing final solution. Some of the apps, which are mentioned in the article, are free-to-use, others need to be purchased or require a related product to be purchased. Furthermore, some of the apps need to be actively operated by the user e.g. all the use-times and energy efficiency of the devices in their household must be added manually, and others can directly connect to the devices remotely. The latter are only useable in a smart home and no option for old houses with old equipment and devices. The former, on the other hand, provide sometimes fewer functionalities and less comfort but are useable by all users.

https://energyusecalculator.com

One of the abovementioned apps, which provide a solution to the named problem, is the energy use calculator from the eponymous website. The first thing that jumps into the eye of the user is, unfortunately, the outdated user interface with a wall of text. However, the advantages of their app as well as the main reasons to use their product are directly shown on the main screen. As soon as the main functionality of the homepage is activated by clicking on the main button on the home screen, the user gets overwhelmed by an enormous amount of possibilities to choose of. This list is troublesomely not alphabetically but somehow thematically ordered, which makes it very hard to find the device needed. Furthermore, some advertisements are added at the bottom of the screen, which are related to the use history of the user. After clicking on the device needed, the app shows a prefilled form with average data on energy consumption, use time etc. The user can edit this data if needed. However, what makes the use of the app less pleasant, is that the user always needs to press a button to get the final data of the device such as spent money per year and overall energy use per year. Furthermore, it is not possible to directly sum the energy use of different devices together in the app. This needs to be made manually. Nonetheless, the app has a versatile library of devices and gives the information to the user that he wants to know.

Electricity usage of an Alarm Clock Radio

Alarm clock radios are a common household appliance used to schedule wake up time to the sound of radio or preloaded music. Modern alarm clocks with built in radios which are Energy Star rated use between 1 and 2 watts of power, while some older models or models which have many extra features can use up to 5 watts. We estimate that a standard alarm clock radio will use 2 watts.

Click calculate to find the energy consumption of a standard alarm clock radio using **2 Watts** for **24 hours a day @ $0.10 per kWh**.

Cost Per Hour:	
Cost Per Day:	
Cost Per Month:	
Cost Per Year:	
kWh Per Day:	

Hours Used Per Day: 24
Power Use (Watts): 2
Price (kWh): 0.10
Calculate Reset

Hours Used Per Day: Enter how many hours the device is being used on average per day, if the power consumption is lower than 1 hour per day enter as a decimal. (For example: 30 minutes per day is 0.5)