

https://play.google.com/store/apps/details?id=com.edf.edfetmoi&hl=en_EN&gl=US

Android/iOS application, +5,000,000 downloads on android alone

The EDF & MOI smartphone application is provided for free to all clients of EDF, the national French electricity company. It provides multiple services to users, one of them being the monitoring of their electricity usage. To make users more aware of their habits and their energy consumption, the EDF & MOI app focuses more on the cost of the energy consumed than on the kWh, even if the user can switch between the two metrics. Indeed, an amount of saving in euros speak more to the consumer than a number of kWh. The app implements several interesting ideas, such as a histogram in euros of the electricity use every 30 minutes, an immediate access to the daily weather (in order to see if a lot of heating was necessary), as well as indicators comparing the usage during previous days. Users can also set a yearly goal of consumption, with real time estimates. Finally, the yearly electricity bill display is divided by appliance categories.



<https://www.amazon.com/Sense-Energy-Monitor-Electricity-Usage/dp/B075K6PHJ9>

Product by Sense, first available in 2017

Sense Energy Monitor is a package of hardware sensors measuring the flow of electricity going through your electric panel that comes with a smartphone application that uses machine learning to obtain very detailed data on your electricity usage. The app can display immediate and hourly consumption by appliance, with a precise log of the appliances used and an estimate of the electricity costs associated. It can even display a graph of the usage in watts by the minute. The user can set goals, as well as keep track of cost increases during peak hours. Finally, the app can send notifications when it thinks that the user forgot to turn off an appliance.

