

Application entitled Energy Efficiency API

Can a device achieve greater energy efficiency if applications provide a “hint” to the system that they will cease transmitting data for a specified duration, denoted as “x ms”?

- We cannot give a definite yes or no
- It depends much on the system
 - Hardware
 - Operating System
- Especially Wi-Fi or Cellular sub-systems are complex in how they can go into a power saving mode and when to become active again
 - e.g. DRX, C-DRX for 5G
- To go back from a power saving mode to an active mode also costs energy
- It might be helpful for the user to get more accurate information about energy consumption of applications
 - Android and iOS already supporting this to some degree
 - New auxiliary tools, APIs can help to increase the accuracy