The Hidden Cost of Owning Video Game Consoles

OSU Energy Management Program
$400 million due to energy wasted while the video game consoles aren’t even being used!

What could YOU do with $400 million, rather than spend it on utility bills?
Video Game Console Comparison

Newest vs. previous generation (annual energy consumption)

Which of these do you own?
Video game consoles are constantly “plugged in,” even when not in use.

“We think it’s fair that [manufacturers] provide higher performance graphics and processing speed that they would need more power, but the biggest issue we have is that nearly half of that energy is spent in standby mode,” says Pierre Delforge, National Resource Defense Council director of high-tech energy efficiency.
Energy Hogs

Power draw during HD video play (1080p)

- Apple TV HD Streaming: 2 Watts
- Dedicated Blu-ray Player: 9.9 Watts
- High-End Gaming Notebook: 25 Watts
- Wii U Streaming: 29 Watts
- Xbox One Streaming: 72 Watts
- PS4 Streaming: 89 Watts
Don’t stick with the default settings when you purchase a new game console. They are always set to consume the most energy!

Enable the “AUTO POWER DOWN” feature, which allows the machine to turn off if you’ve left it idle for a specified amount of time.

Disable the “Standby mode.”

If you have a designated video streaming device like an Apple TV or Roku, use it instead of defaulting to your gaming console.