

Consumer  
Technology  
Association®



# CalPlug Fall 2023 Workshop

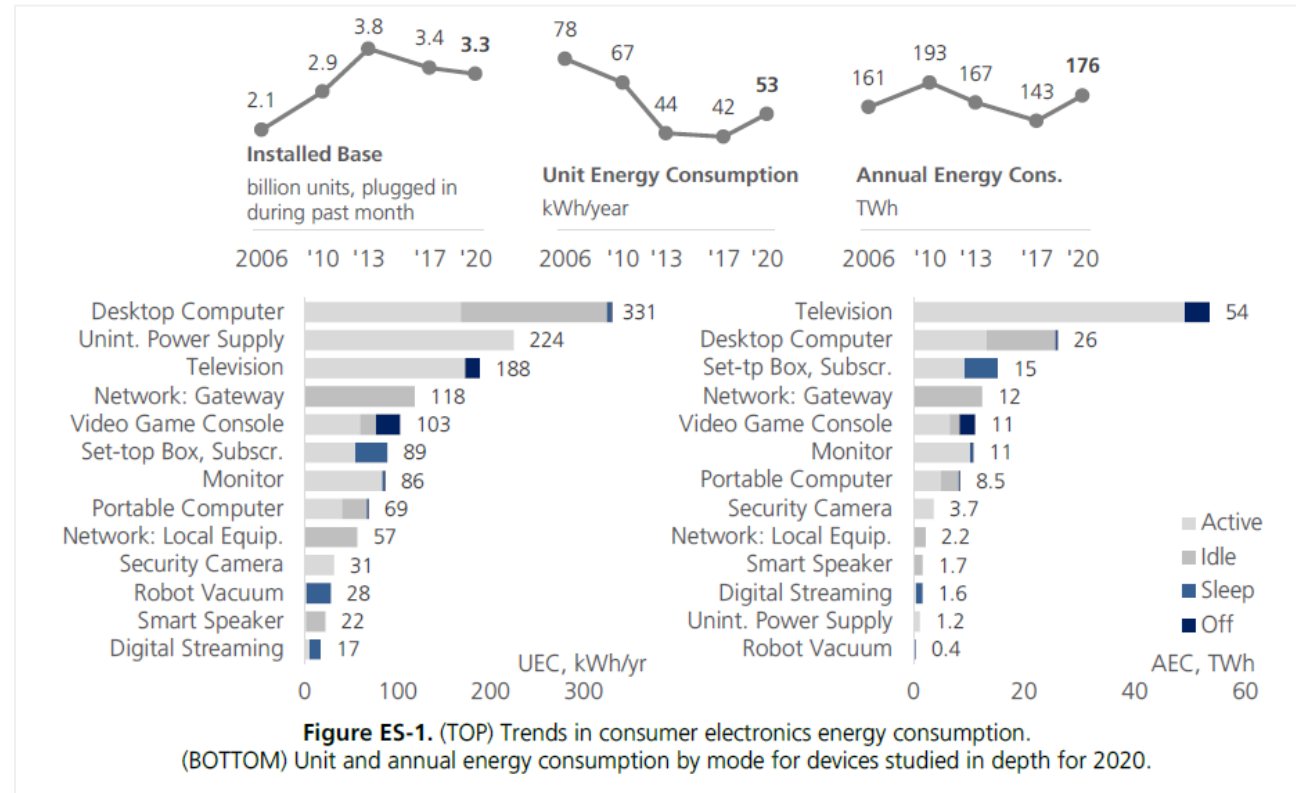
## *Plug and Process Loads*

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# A few numbers and thoughts

- 5
- 10
- 31 & 16
- 286,000,000
- \$9, \$24, \$3

# 5 editions of CTA's energy use study



# **10 years of the STB VA**

- Aggregate energy use of set-top boxes cut by 63%
- Saved consumers more than \$3 billion in energy costs in 2022
- Saved consumers almost \$15 billion since 2012

# 31 & 16: Years of labeling

- Opportunities for improvement?



# **286 million** TVs in U.S. & Canada

- Voluntary Agreement for Ongoing Improvement to the Energy Efficiency of Televisions
  - Rigor
  - Flexibility
  - Verification
  - Transparency
  - Enforcement



U.S. Secretary of Energy Jennifer Granholm highlights the new energy efficiency voluntary agreement for TVs at CES 2023.

# **\$9, \$24, \$3**

Average annual cost in electricity to operate consumer tech is a relative bargain. About...

- \$9 a year for a laptop computer
- \$24 a year for a TV
- \$3 a year for a smart speaker

# Add it all up

$$\begin{array}{r} 5 \\ 10 \\ + 31 \text{ \& } 16 \\ 286,000,000 \\ \$9, \$24, \$3 \\ \hline < 1 \text{ watt!} \end{array}$$



# Thank you

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