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

5
10
+ 31 & 16
286,000,000
$9, $24, $3
______________
< 1 watt!
Thank you

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