DOCKETED	
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ITI/Technet Computer presentations

Additional submitted attachment is included below.





CEC Workshop ITI and TechNet Comments

Chris Hankin, Senior Director
Information Technology Industry Council (ITI)
April 15, 2015





ITI and TechNet Presentations

Opening comments: Chris Hankin, ITI

Computers:

- Broad customer/product impact Mark Hollenbeck, HP
- PCs Methodology/Framework Shahid Sheikh, Intel
- Cost Effectiveness/Technical Barriers Gary Verdun, Dell
- High Performance PCs Donna Sadowy, AMD

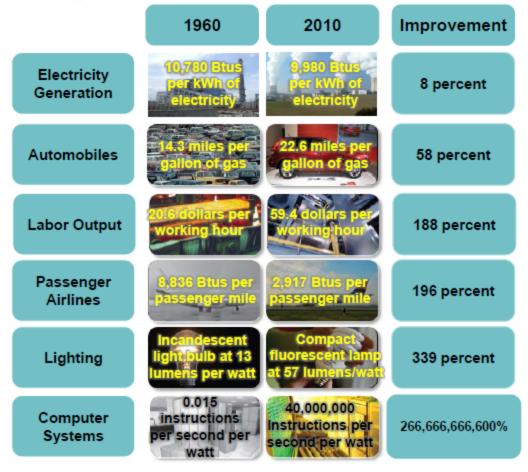
Displays:

- Broad customer/product impact Mark Hollenbeck, HP
- Cost Effectiveness/Technical Barriers Gary Verdun, Dell Closing comments: Gabriele Peterschmidt, HP





Increasing Performance and Productivity



Source: Skip Laitner, ACEEE, various calculations, January 2011





Many industries located in California require additional compute capabilities provided by lower volume higher performance products:

- Aerospace
- Electronics
- Financial
- Manufacturing
- Mining
- Oil & Gas
- Entertainment (Movies & Film)

- I. Lifelike 3D animation
- II. Renderings
- III. Video editing
- IV. Digital content creation
- V. Live streaming
- VI. Complex analytics for oil and gas reserves and recovery
- VII. Modeling and design for space craft, military, etc.
- VIII. Processing financial transactions

Value to the business of work done is orders of magnitude greater than the energy costs in these platforms.





The Intelligent Efficiency Opportunity

"If homeowners and businesses were to take advantage of currently available information and communications technologies that enable system efficiencies, the US could reduce its energy use by about 12-22% and realize tens of hundreds of billions of dollars in energy savings and productivity gains. In addition, there are technologies that are just beginning to be implemented that promise even greater savings."

-- ACEEE, 2013, "A Defining Framework for Intelligent Efficiency"





THANK YOU