# Human Behavior and Energy Savings How Can We Tie Them?

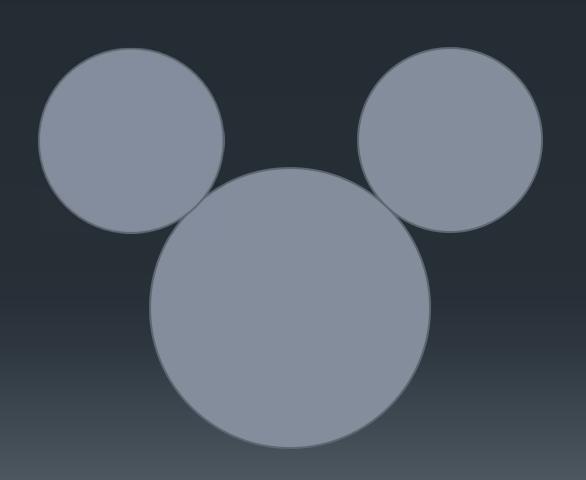
Charles J. Kim, P.E. Southern California Edison CalPlug Workshop at UCI May 13, 2014

## If you know answer(s) to that question, contact me!

- Charles J. Kim, P.E.
- Energy Codes and Standards
- Southern California Edison
- Charles.Kim@SCE.Com

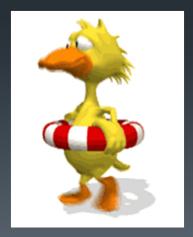


#### What Mouse Walks on Two Feet?



#### What Duck Walks on Two Feet?

### Any ducks.... Including this one



### Prime Effect – A Trigger

 "Disneyland" primes you to think about Mickey Mouse & Donald Duck









# Q: How can we trigger people to think about energy savings?



# "People are not logical. They are psychological." - Anonymous



#### Simple Decision for Energy Saving

- Purchasing decision is driven by many factors
- In many cases, Energy Saving is not the primary driver when customers make decision on plug-in appliance purchases.
- If Energy Saving is not primary driver, then we need to make Energy Saving decision as simple as possible for our customers.

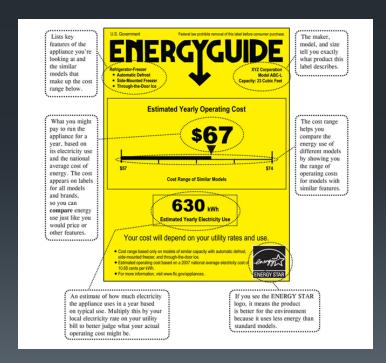
### Key "Prime" - Simple

• If our customer cannot tell which one saves more energy within 5 seconds, we may lost the opportunity.



### 5W5S Decision on Energy Efficiency – Enabling Simple Label

- Easy Label Can we make it simple and universal so that we can made a decision in 5 sec. or less?
  - Can you tell what MERV 6 means to you?



Source: Federal Trade Commission

Energy Star – People can recognize it easily as it is simple. However, is it enough for us? How about Energy Gold Star?





## Research – Establishing Common Goals

- Understanding technology advancement, technology trends, and market trends
- Develop a common and simple framework (e.g., 5W5s):
  - Enabling & Adoptable
  - Affordable
  - Without degrading performance
- Understanding and influencing human behaviors in simple ways.

#### Industries

- Simply incorporate Energy Saving features into your products
  - Meet or exceed EPA, DOE, or CA Title 20 requirements
- Be a Green Company
  - How can people simply recognize a green company?

#### We Are in This Business Together



Let's Simply Collaborate!

## We Have many Energy Challenges, but...



### Simply, Thank you!

