

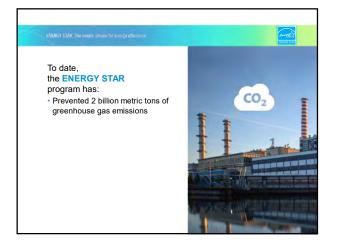


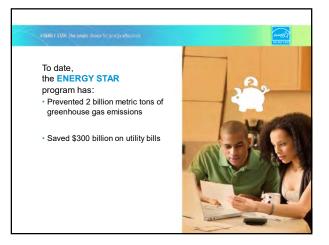
Slide 1

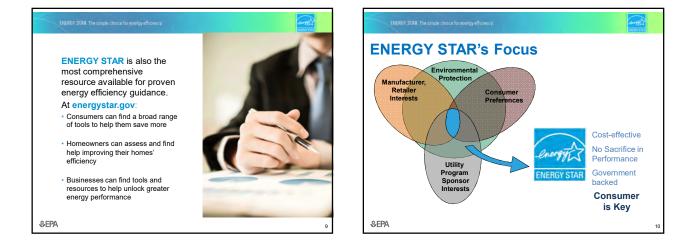
**KK12** who is teh audince and what is our assigned topic? If these are behavior change people, how can we align our work with changing behavior? Is this the anti behavior change approach-or for come products they do aim to change behavior... Kaplan, Katharine, 10/12/2016

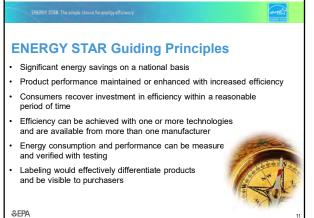


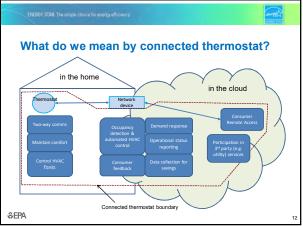


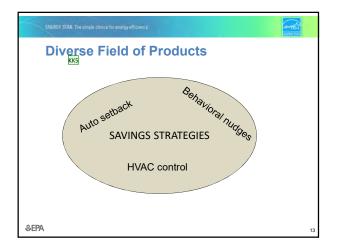


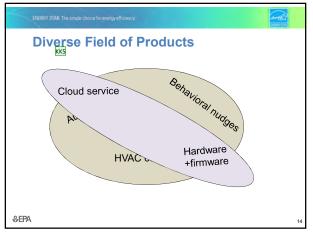


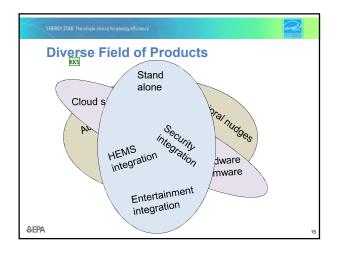


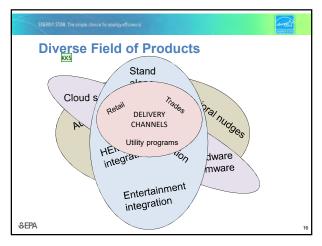








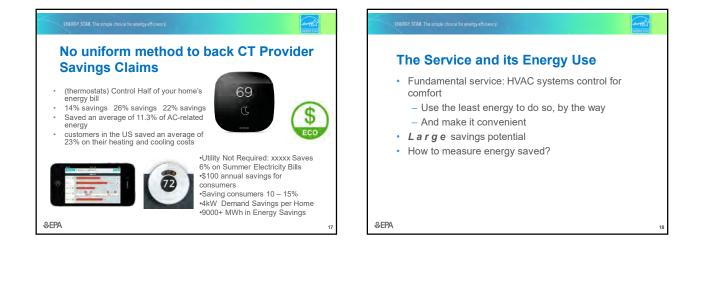


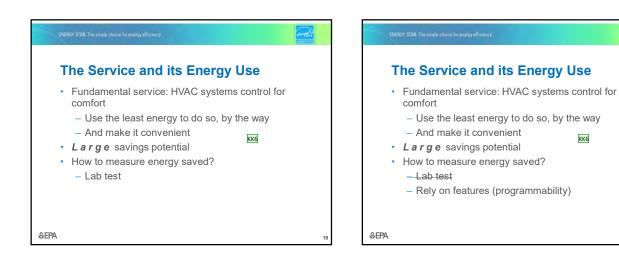


# Slide 13

KK5	suggest consistency in headers-size and use of caps Kaplan, Katharine, 10/12/2016
Slide 14	
KK5	suggest consistency in headers-size and use of caps Kaplan, Katharine, 10/12/2016
Slide 15	
KK5	suggest consistency in headers-size and use of caps Kaplan, Katharine, 10/12/2016
Slide 16	
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suggest consistency in he Kaplan, Katharine, 10/12/2016





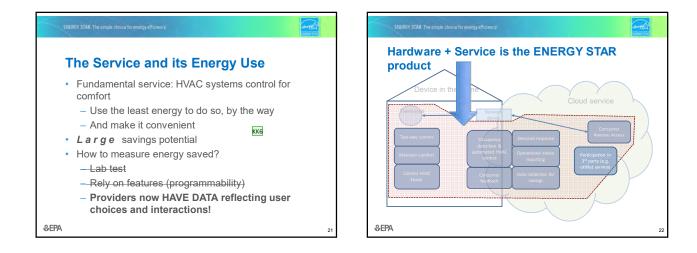
KK6

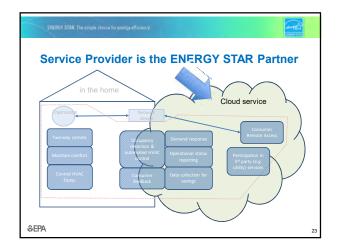
## Slide 19

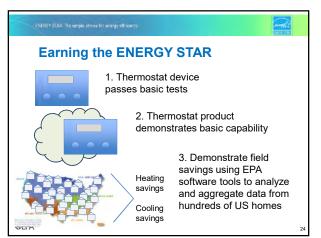
**KK6** isn't it- can we measure the efficiency delivered or the energy saved? Kaplan, Katharine, 10/12/2016

# Slide 20

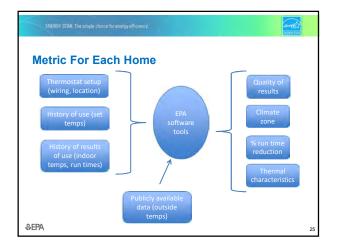
**KK6** isn't it- can we measure the efficiency delivered or the energy saved? Kaplan, Katharine, 10/12/2016

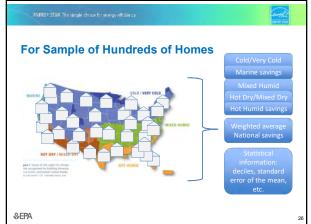






**KK6** isn't it- can we measure the efficiency delivered or the energy saved? Kaplan, Katharine, 10/12/2016

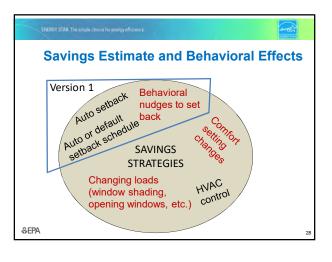


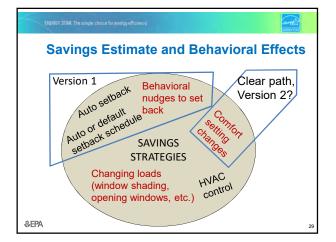


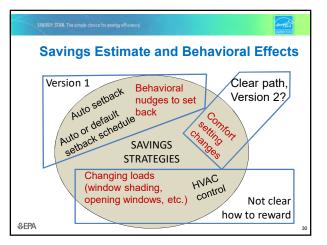
# Advantages of proposed approach Not HOW energy savings are achieved, just WHETHER they are Accommodates wide variety of products Can credit savings achieved through services

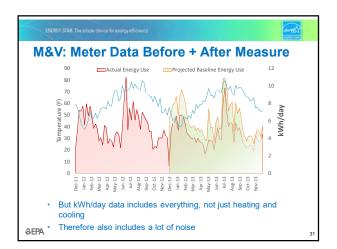
- Wide scope for innovation, including behavioral
- Service providers have access to rich data stream

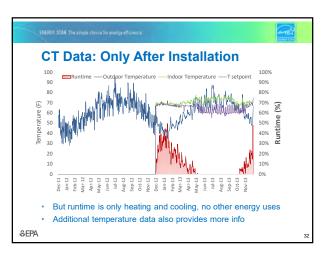
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# All about that Bass .... Baseline, that is

- Currently: Comfort temperature from indoor temp history, captures setback only
- Possible in the future: Regional indoor temperature, could captures setback and better comfort temperature
- Only a baseline of run time would capture savings from less run time without changing temperature, e.g. shading, night flushing, etc.

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### Y STAR. The simple choice for energy eff

## **Current status**

- Draft 3 released October 18, 2016
- Draft 2 Method to Demonstrate Savings released September 30, 2016
  - Software tool to calculate metric is in beta release, expect V1.0 release in November
- Expect to finish at the end of 2016
- The first labeled products should be available early in 2017
- EPA expects to continue to work with stakeholders for years to come to improve the savings metric.

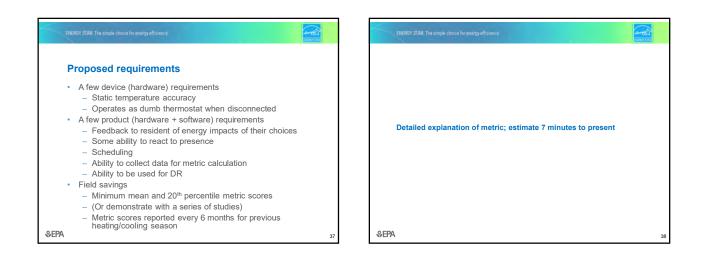
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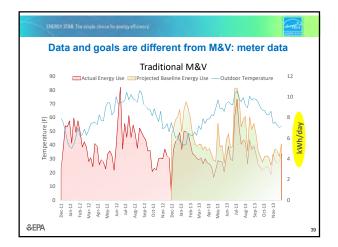
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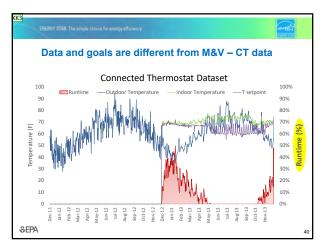
ENERGY STAR. The smple choice for energy efficiency	
Backup material	
⊗EPA	35

Connected Status in ENERGY STAR specifications					
Specification	Connected Criteria	Demand Response Test Method			
Refrig/Freezer	Final	Final			
Clothes Dryers	Final	In Development			
Clothes Washers	Final	In Development			
Room AC	Final	In Development			
Dishwashers	Final	In Development			
Pool Pumps	Final	Final			
Lighting (Lamps and Luminaires)	Final	N/A			
Connected Thermostats	In Development	N/A			

**KK13** conclusion-what do we expect to learn about consumer behavior change? or do we hope to achieve with this spec-crack the biggest energy saving nut? do we think we will learn something that applies to other products that are highly configurable? Kaplan, Katharine, 10/12/2016







**KK3** in comments tie back to goal of work (and why this approach to data meets that goal vs an M&V goal) Kaplan, Katharine, 8/22/2016

