



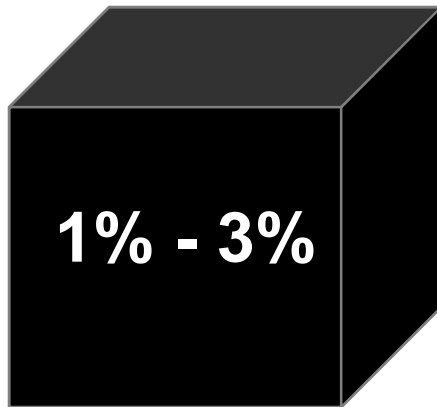
Identifying Energy Saving Actions Taken in Households

*Meta-Analysis of Home Energy Report Program
Evaluation Survey Results*

*Jenny Hampton
2014 BECC Conference Washington, D.C.*



What's happening inside the black box?

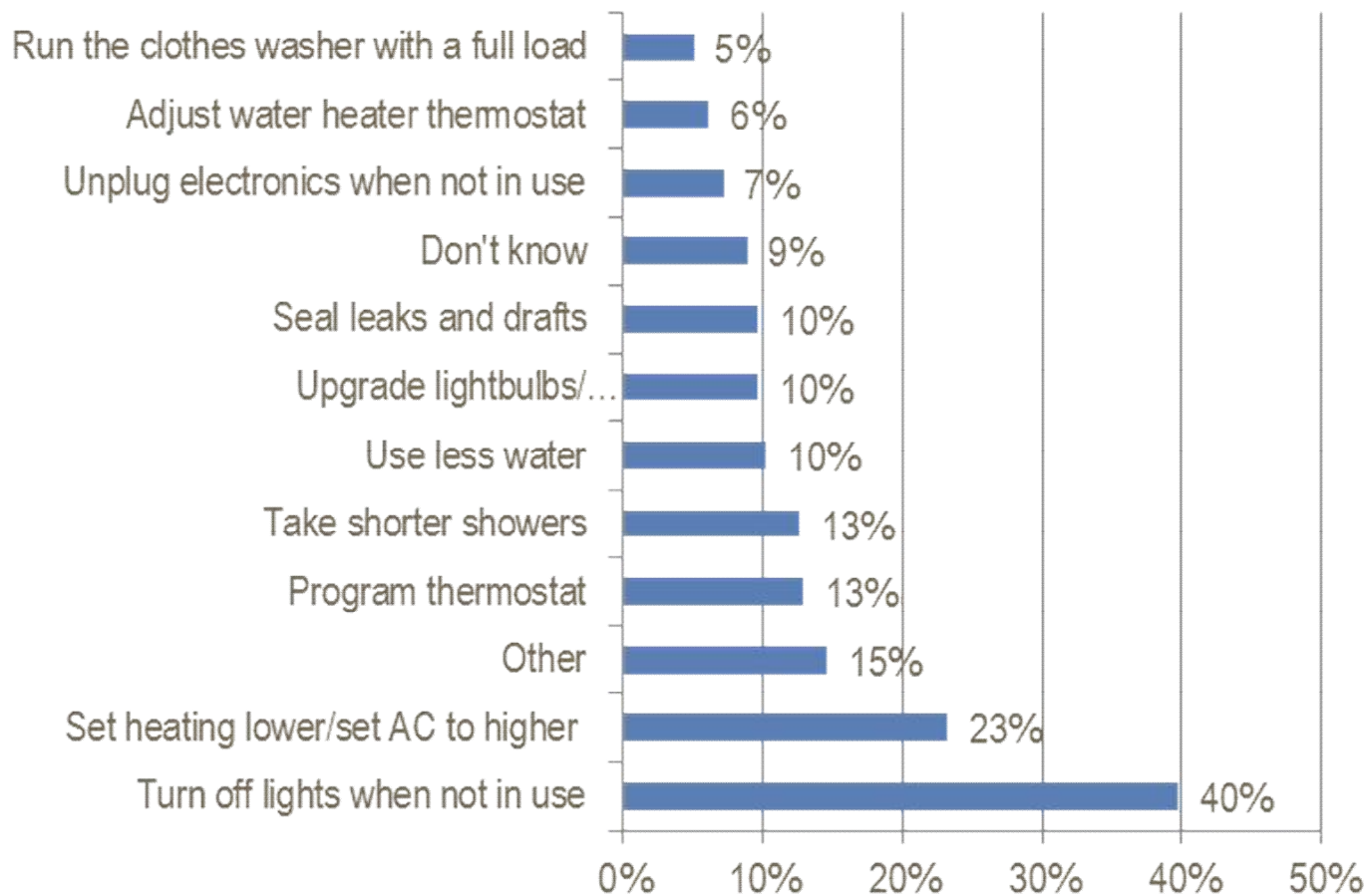


- Analyze interval data from advanced meters to identify usage patterns throughout the day.
- Ask people what they've done to save energy over a period of time (i.e., "the last 12 months").
- Ask people questions to give you a snapshot of how they are using energy at that moment (conduct a "live audit" over the phone).

If you don't remember anything else...

- » Surveys can play an important role in this research.
- » Asking people to tell you what they've done in the past yields varied results, but does reveal some trends.
- » People most often report taking actions related to lighting and thermostat settings.
- » Navigant's new method of conducting a live audit over the phone detects differences in specific participant behaviors.

What do people think they're doing?



Shown as example only; results represent one survey conducted for Midwest client. (n=370 participants who said they had taken action, multiple responses allowed).

What are people actually doing?

- » Live audit questions allow us to develop a snapshot of how the survey respondent is using energy at a specific point in time.

Program 1

- 0.90 fewer lights on

Program 2

- 0.5 more CFLs installed
- 0.81 fewer lights on
- thermostats set 0.5 degrees higher (in the summer)
- an actual temperature of 0.6 degrees higher

Program 3

- Coming soon!

Thanks!

- » Look for a white paper covering the live audit survey methodology in early 2015!
- » Program 1 citation [here](#).

Jenny Hampton, Navigant Consulting

Jennifer.Hampton@navigant.com

303-728-2473

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