Energy Savings Measurement Made Easy

ACEEE Intelligence Efficiency Conference – Trading Spaces

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December 8th 2015

ResiSpeak

YOUR HOME'S UTILITY STORY

How ResiSpeak Works

Utility Data
- From online accounts
- From utilities
- Manually entered

Weather Data
- National Weather Service

Retrofit Data
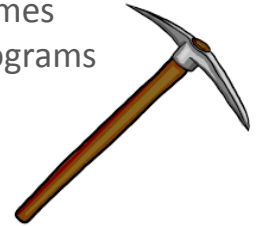- Start & end data
- Work done
- Money spent

Home Data
- Zip code (for weather)
- Square footage
- Heating method

ResiSpeak

Find Saving Opportunities
- Within homes
- Within programs

Measure Saving
- For individual home retrofits
- For programs

ResiSpeak is a database, a calculator, and a web service for home energy efficiency programs

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Why Seek Me Out – dk@resispeak.com

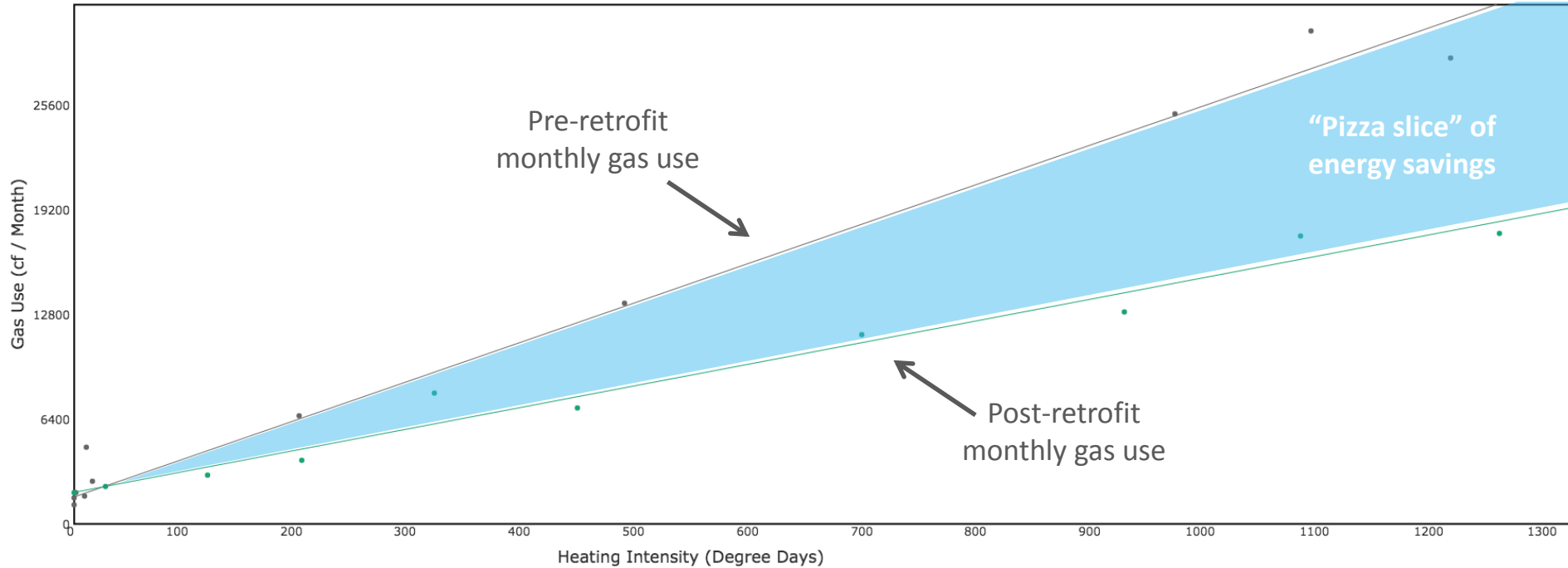|		
Cheap, Compliant M&V	**Have a Data Set?** **Need a Data Set?**	**EUI Benchmarking & Performance Comparison**
ROI Calculation & EE Investment	**EE Savings Certificates & Carbon Credits**	**Pay For EE Performance**

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How to measure savings from monthly bills

Weather-Corrected Natural Gas Use

Pre-retrofit monthly gas use

"Pizza slice" of energy savings

Post-retrofit monthly gas use

Measured energy savings:
From the post-retrofit points to the pre-retrofit line

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Why Seek Me Out – dk@resispeak.com

- Looking for a cheap and easy way to determine energy savings from home improvements

- Have a database of energy consumption data requiring analysis

- Want to sell Energy Savings Certificates or Carbon Credits to offset the cost of home improvements

- Looking to transition from deemed savings to measured savings for M&V

- Looking introduce M&V into a program that doesn't have it

- Looking to evaluate different contractors on the basis of energy saved

- Looking to streamline EUI benchmarking to determine program eligibility and prioritize homes

- Want to determine Return on Investment in home energy efficiency

- Want to implement a pay-for-performance model using only monthly data

- Want to talk about alternative residential program design

- Want to grab a beer or coffee and talk about residential energy efficiency

- Need a winger for your hockey team

- …?

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