

# Implementing Legit QA - How is this possible?

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*Emelie Cuppernell and Ethan MacCormick*

*Performance Systems Development*

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## Outline

- “ QA Requirements
- “ Challenges
- “ What Helps
- “ Examples

## RESNET QA Requirements

1. Verify Minimum Rated Features
2. Equipment
3. Reporting (Disclosure)
4. EEPs if applicable
  1. ENERGY STAR
5. Unbiased, yet representative selection of homes to QA

## Minimum Rated Features

“ Ethans slide of minimum rated features

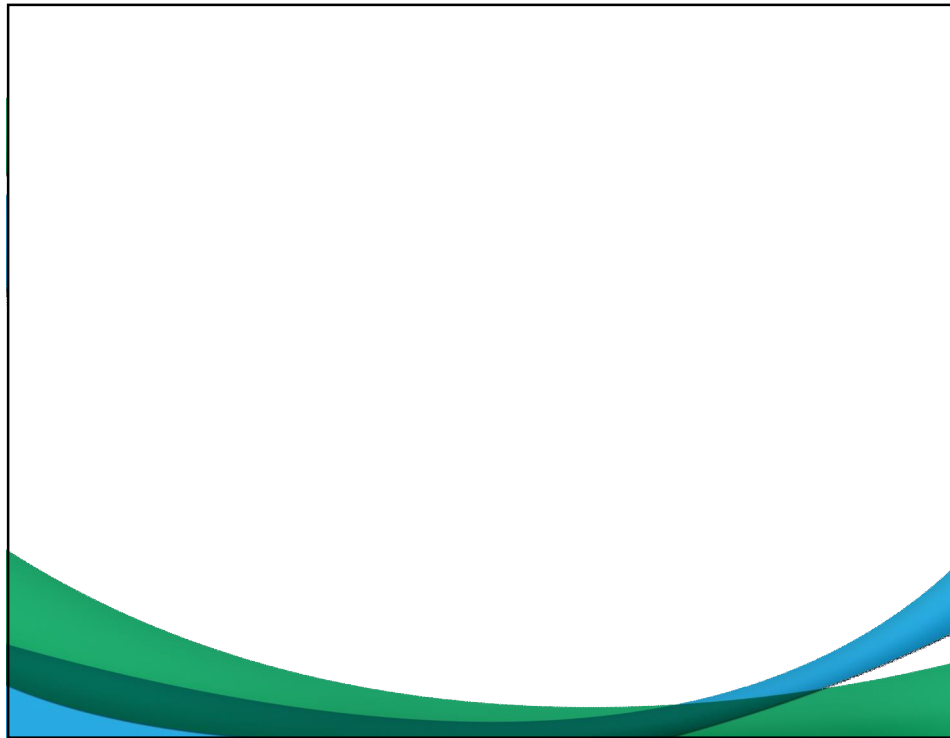
## Equipment

- “ Equipment calibration
  - “ Image of sheet and photo of equipment

## Reporting

- “ Image of non-disclosure

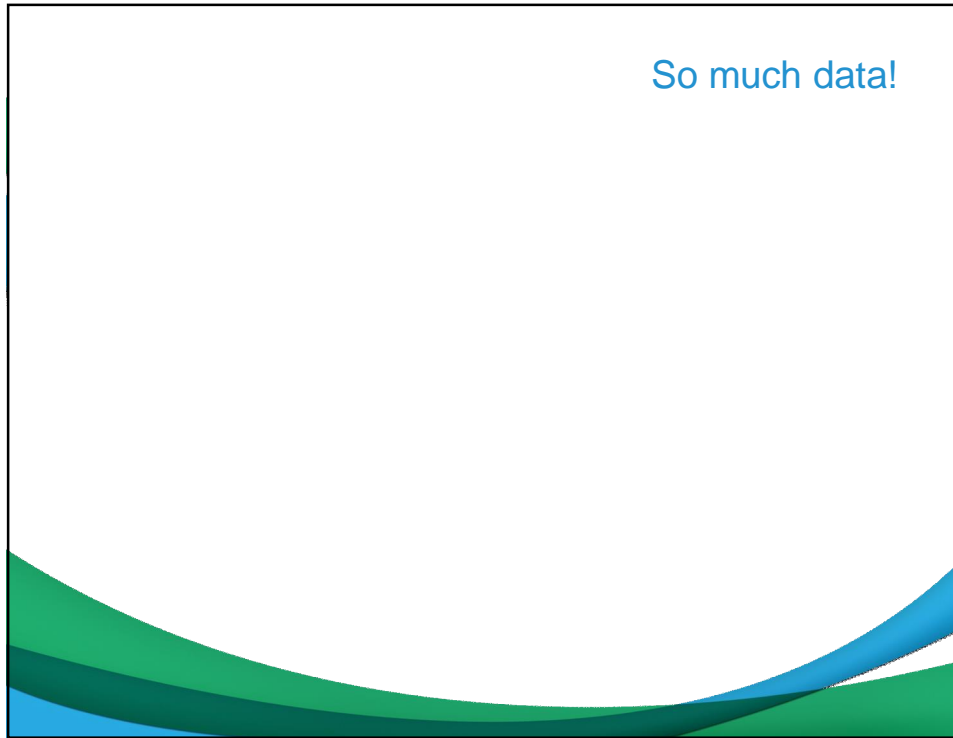




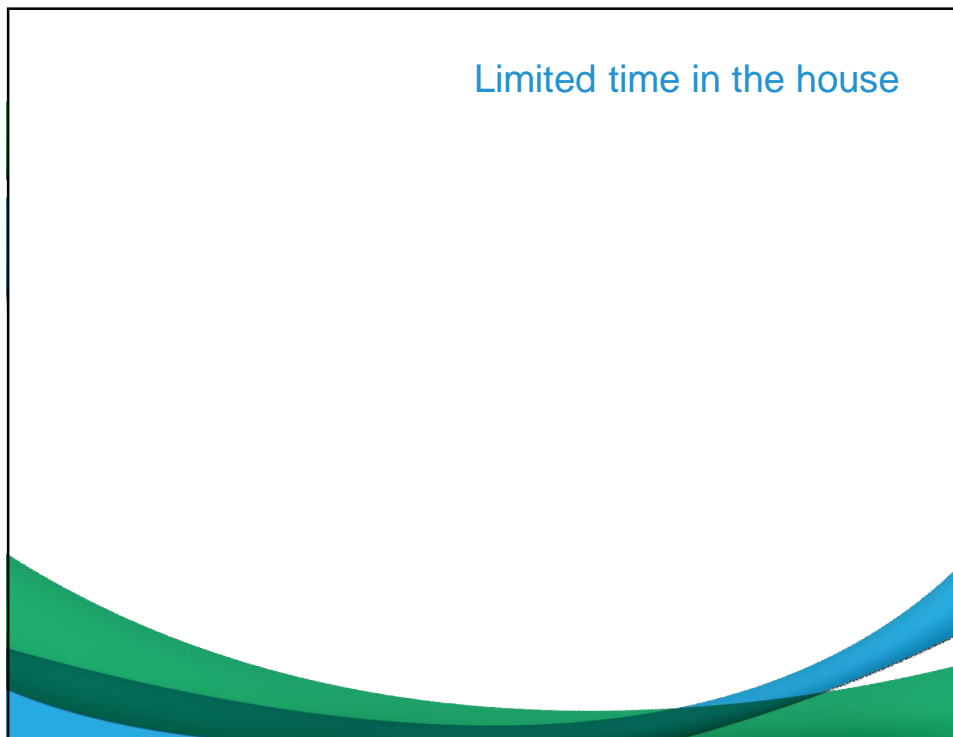
## Challenges

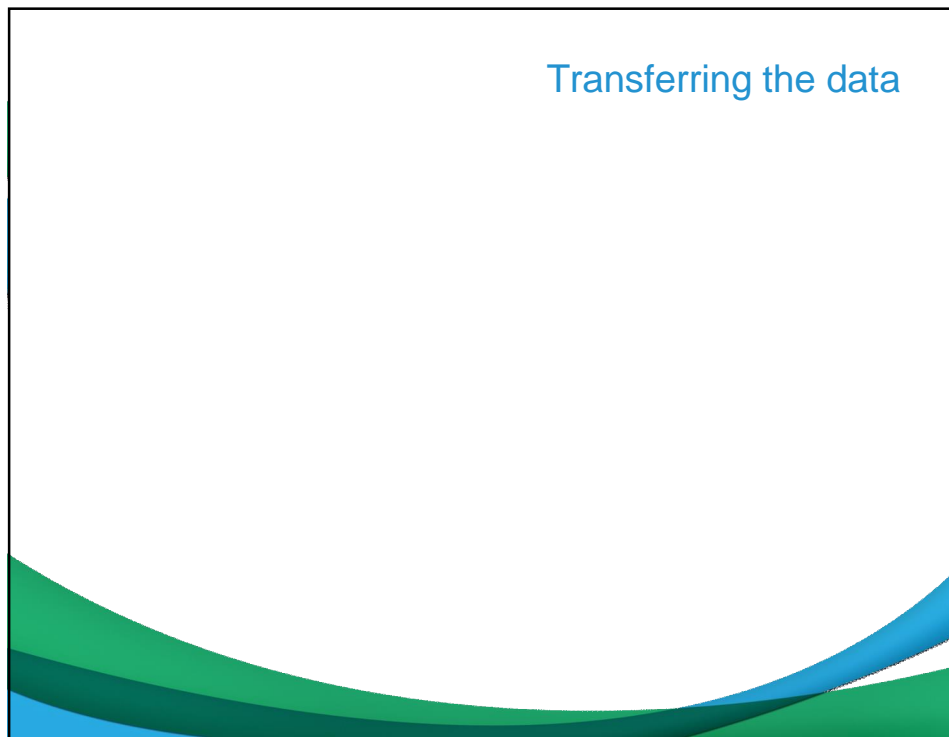
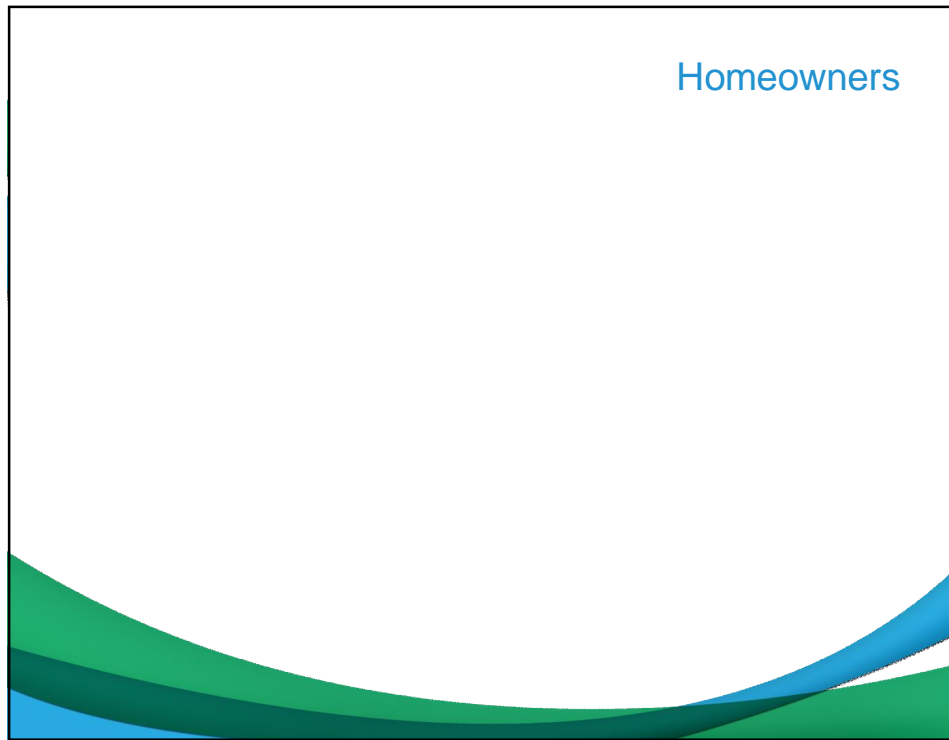
- “ So much data to gather!!!!
- “ Limited time in the house
  - “ Homeowner only allows 2 hours
  - “ It's not reasonable to stay all day, occupied or not
- “ Homeowners!
  - “ Chatty
  - “ Scheduling
- “ Transferring data
  - “ From the field to the office
  - “ From the office to the rater

So much data!



Limited time in the house





## What Helps

- “ Knowing what you need
- “ Pictures
- “ A good data collection sheet(s)
- “ Timing
- “ Organization
- “ Central location for all data
- “ Automation
- “ Know your Raters
- “ Mentoring

## Knowing what you need

- “ Before you get to the house, knowing basic data you'll need
  - “ ENERGY STAR? Sampling? Did you do guarded testing?



## Pictures

## Data Collection Sheet

- “ May be electronic
- “ Lists the inputs and the modeled/reported value

## Timing

- “ Soon after rating is completed
- “ Transfer of data to QAD
- “ Feedback to Rater

## Organization

- “ In the field
- “ In the office
- “ In the data

## Central Location for all data

“ Image of compass or salesforce



## Automation



## Know your Raters

- “ A certain comfort level or understanding will give insight into what needs more attention, and what you can skim over with a particular rater



## Mentoring

- “ Getting it right the first time
- “ Putting in the time up front to teach rather than catch people later on



## ENERGY STAR, Sampled, MF, NY Program



## Mentoring Example of Success



