



Presented by

Mike Rubala – Platte River Power Authority

Gary Myers – Poudre Valley REA

# Why SELECT HVAC?



- 1: Stop the HVAC installation madness by a joint utility effort between Platte River Power Authority (Loveland, Fort Collins, Estes Park, & Longmont) and Poudre Valley REA (surrounds the four cities)
- 2: Create a reliable list of qualified contractors for customer reference
- 3: Secure qualified HVAC Contractors for joint effort projects (load Management, Energy Star New Homes, HVAC Rebates, Care Fund, etc.)

# HVAC Madness

## We See Every Day!

- **The Utility receives a call from a consumer:** comfort problem, high energy use, air quality concern, safety concern, performance problems, etc.)
- **A visit is made to the consumer's property to review the energy use issues and investigate the overall situation.**
- **HVAC concerns found directly related to a lack of proper system commissioning:**
  - Improperly matched equipment / wrong size installed
  - Improperly sized and designed ductwork
  - Unsealed ductwork / disconnected ductwork
  - Failure to properly complete and test out operation of the system resulting in too little/too much airflow, improper refrigerant charge, poor combustion settings, no filters/too many filters, noise, installed equipment altered / damaged by others, premature equipment failure & uncomfortable conditions
  - Lack of understanding by end-user of thermostat control, need for filter attention, general equipment operation, location of equipment manuals, and failure to know when to contact a contractor .
  - Total lack of maintenance or incorrect maintenance if never commissioned
  - Safety issues due to improper flue configurations, back drafting and improper placement of furnace/water heater.

# Its Time To Recognize The Sane Contractors that Adhere to Industry Required Methods!

- Installation, maintenance and repair of today's heating and cooling equipment is complex, requiring skills in:
  - Refrigeration
  - Combustion operation & safety
  - Electrical wiring & electronics
  - Sheet metal fabrication & piping
  - Air flow management & fluid dynamics
  - System engineering & field commissioning

# What Does It Take To Be A SELECT HVAC Contractor

- To be included on the SELECT HVAC list, a Contractor must sign a contract agreeing to:
  - Maintain all required licenses
  - Maintain Proper Insurance
  - Comply with the SELECT HVAC Code of Ethics
  - Hold any special certification required by Platte River or PVREA for energy incentive offerings or specific technology applications
  - Comply with all pertinent commissioning standards

# What Does It Take To Be A SELECT HVAC Contractor

- Maintain an “Accredited Business” status with the Better Business Bureau
- Honor all manufacturer and contractor warranties
- Attend required SELECT HVAC training classes
- Agree to third party inspections and utility evaluations to verify program compliance
- Have the will to grow your business



# Progress To Date

- Presently 12 Contractors participating out of 101 known eligible firms in Northern Colorado.
- Tech classes conducted by Front Range Community College
- Active referral list for customers
- Giving customers an opportunity to obtain “best practice” HVAC service
- Contractors now being used for Utility program delivery
- Promotion via web site development, bill stuffers, customer news letters, Colorado Country Life magazine, truck decals, news paper ads, etc.
- Increased professionalism among HVAC participants
- Allow contractors to differentiate themselves and to

# Thank You

