

TEXAS DEPARTMENT OF  
HOUSING & COMMUNITY AFFAIRS

*Building Homes. Strengthening Communities.*

**2014 NASCSP Annual Training Conference**  
***Texas: Enhancing DOE WAP Services with***  
***LIHEAP***

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# Why Look to LIHEAP?

Why do people rob banks? ‘Cause that is where the money is!

❖ How much can LIHEAP add to my Weatherization Program?

- ❖ The LIHEAP Plan allows 15%, with option for a waiver for up to 25%
- ❖ Texas exercises a waiver to program up to 25% for weatherization. Our 2013 percentage is 20%.
  - ❖ 2014 allocation: \$114,459,773\*
  - ❖ Up to \$22,891,954 can go to WAP



# 2014 Available Funding for Texas Weatherization

DOE: \$4,258,213 (assuming level funding)

- ❖ ~2,597,228 house dollars
  - ❖ \$6,987 per unit maximum
  - ❖ 371 units

LIHEAP: \$22,800,000

- ❖ ~17,000,000 house dollars
  - ❖ \$5,000 per unit maximum
  - ❖ 3,400 units (in addition to DOE units)



# Considerations

What will the LIHEAP network(s) think?

- ❖ Fortunately, in Texas both programs run out of the same state office.
- ❖ Also, over half of our Subgrantees administer both programs from the same office.
  - ❖ Of our 42 LIHEAP providers, 18 do not administer a weatherization program.
  - ❖ Even though both our programs run out of the same office, 48% of my providers don't do weatherization.
  - ❖ Any decrease in LIHEAP funding would have them looking at our percentages and asking some tough questions.



# Considerations

## What LIHEAP Requires:

- ❖ Besides percentage limits, LIHEAP really has no weatherization rules.
- ❖ LIHEAP allows for low-cost residential weatherization or other energy-related home repair for low income households, particularly lowest income with highest energy burden.
- ❖ Some requirements for the waiver, particularly that the weatherization activities must have been demonstrated to produce measureable savings in energy expenditures by low income households.



# Considerations

LIHEAP Plan offers options to Administer weatherization:

- ❖ Entirely under LIHEAP (not DOE) rules;
- ❖ Entirely under DOE (not LIHEAP) rules;
- ❖ Mostly under LIHEAP with DOE regarding income, multifamily, shelters, “other”; or
- ❖ **Mostly under DOE with LIHEAP regarding income, per-unit maximum, SIR standards, “other”.**

\* All DOE rules apply when both funding sources used on one unit



# Considerations

## ❖ How much DOE and how much LIHEAP?

- ❖ You do want the program to have real impact, so you gotta go with some building science.

- ❖ How much building science is enough?

- ❖ How expensive do you allow a unit to get before deciding that it requires an audit, i.e. DOE?

- ❖ Keep Health and Safety or weed out those activities?

- ❖ Keep ASHRAE?

- ❖ Who has to agree with you on this?

- ❖ ????



# LIHEAP WAP Priority List

## 1. Health & Safety Items

- ❖ Must meet ASHRAE Standard
- ❖ Refer to H&S guidance located on the Department website at the following link:  
<http://www.tdhca.state.tx.us/community-affairs/wap/guidance.htm#healthsafety>
- ❖ To include cook stoves – refer to Chapter 8 of the MISM  
<http://www.tdhca.state.tx.us/community-affairs/wap/docs/WAP-MISM.pdf>





## Priority List (cont)

### 2. Infiltration Measures

- ❖ \$750, maximum cost
- ❖ Must follow Material Installation Standards located on the Department's website at the following link:  
<http://www.tdhca.state.tx.us/community-affairs/wap/docs/WAP-MISM.pdf>
- ❖ When solely utilizing the LIHEAP Priority List, minimum CFM reduction is not required
- ❖ All cost (labor and materials) must be detailed on the Building Weatherization Report (BWR)
- ❖ No window or door replacements allowed
- ❖ Complete Blower Door Data Sheet as instructed



## Priority List (cont)

3. Duct Sealing (Max is \$750)
4. Attic Insulation
5. Compact Florescent Lighting (CFLs), water savers, and pipe and water heater insulation
6. Sidewall Insulation
7. Smart Thermostat
8. Refrigerator Replacement
9. Solar Screens/Window Film
10. Floor Insulation
11. Miscellaneous Repairs (Max is \$500)
12. HVAC/Evaporative Cooler System Service



## Priority List (cont)

### 5. Compact Florescent Lighting (CFLs), water savers, and pipe and water heater insulation

- ❖ Install maximum of 10 CFLs per house
- ❖ Water savers consist of kitchen, bath, and shower

### 6. Sidewall Insulation

- ❖ Dense pack all exterior wall cavities including above and below all windows and doors if no insulation exists

### 7. Smart Thermostat

- ❖ Install only after consultation/training with client



## Priority List (cont)

### 8. Refrigerator Replacement

- ❖ Meter for minimum of 30 minutes
- ❖ Pre-1993 units can be replaced without metering, as long as manufactured year is documented
- ❖ Replaced units must be de-manufactured properly, materials must be recycled and refrigerant properly disposed of to E.P.A. regulations

### 9. Solar Screens/Window Film


- ❖ Install in the following order:
  - ❖ West, South, East, then North side of house
- ❖ If overhang/eaves are 18” in depth or greater, or if the windows are covered by porches, garages, or any other permanent shading structure, then solar screens/window film cannot be installed on that window

A vertical decorative image on the left side of the slide. It shows a blue sky with white clouds at the top, transitioning into a yellowish-orange sky, and finally a brick house with a chimney and windows at the bottom.

## Priority List (cont)

### 10. Floor Insulation

- ❖ If addressed, must follow current code
- ❖ Follow OSHA accessibility standards



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*Thank you!*

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