

**WEATHERIZATION ASSISTANCE PROGRAM  
(WAP), LOW-INCOME ENERGY EFFICIENCY  
(LIEE), LOW INCOME HOME ENERGY  
ASSISTANCE PROGRAM (LIHEAP),  
MULTIFAMILY AFFORDABLE SOLAR  
HOUSING (MASH) AND SINGLE FAMILY  
AFFORDABLE SOLAR HOMES (SASH)  
WORKSHOP**

Greening Your World...

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Center for  
Sustainable Energy  
CALIFORNIA

## INTRODUCTION

### PURPOSE AND MISSION OF WEATHERIZATION ASSISTANCE PROGRAM (WAP):

- TO REDUCE ENERGY COSTS FOR LOW INCOME FAMILIES BY INCREASING THE ENERGY EFFICIENCY OF THEIR HOMES WHILE ENSURING THEIR HEALTH AND SAFETY
- WAP HAS BEEN IN EFFECT FOR 32 YEARS

## COMPONENTS OF WEATHERIZATION PROGRAM:

### THREE MAIN COMPONENTS:

- ❖ DOE WEATHERIZATION ASSISTANCE PROGRAM - (WAP) – ADMINISTERED THROUGH CSD
- ❖ DEPARTMENT OF HEALTH AND HUMAN SERVICES LOW INCOME HOUSING ASSISTANCE PROGRAM – (LIHEAP) – ADMINISTERED THROUGH IOU'S
- ❖ INDEPENDENT LY OWNED UTILITY (IOU) LOW INCOME ENERGY EFFICIENCY - (LIEE) – ADMINISTER THEIR OWN PROGRAMS IN THEIR SERVICE TERRITORIES

## FUNDING SOURCES:

- DOE WAP – (ABOUT \$ 5 BILLION – 2009)- OF WHICH CALIFORNIA IS RECEIVING ABOUT \$ 185 MILLION - LARGEST SOURCE
- DHHS – ABOUT \$4.5 BILLION IN LIHEAP BLOCK GRANTS WHICH STATES CAN APPLY FOR IN 2009 - SECOND LARGEST SOURCE
- IOU – COMBINES THEIR LIEE FUNDS WITH DHHS - LIHEAP TO CONDUCT THEIR PROGRAM
- PETROLEUM VIOLATION ESCROW - PVE FUNDS
- PRIVATE CONTRIBUTORS, EG. LANDLORDS OF MULTI FAMILY UNITS WITH LOW INCOME CLIENTS

## WAP GUIDELINES INCLUDE:

### ☐ INCOME GUIDELINES:

- LOW INCOME : DEFINITION: **ANY HOUSEHOLD AT OR BELOW 200% OF POVERTY , PER MODIFIED STATUE, IS CONSIDERED LOW-INCOME**

### WAP ACTIVITY GUIDELINES:

#### TYPICAL ACTIVITIES INCLUDE:

- ✓ AIR SEALING TO REDUCE INFILTRATION
- ✓ ATTIC INSULATION
- ✓ SIDEWALL INSULATION
- ✓ FLOOR INSULATION (WHERE APPLICABLE)
- ✓ PIPE AND DUCT INSULATION
- ✓ LIMITED ENERGY RELATED REPAIRS

## DOE WAP CURRENT GOALS AND METRICS:

### GOALS:

- IT HAS BEEN RECOMMENDED TO CONGRESS THAT TO AUTHORIZE BUDGETS SUFFICIENT TO WEATHERIZE 1.2 MILLION HOMES BETWEEN 2002 AND 2010
- BUDGET GOAL IS TO INSTALL ENERGY MEASURES WORTH \$ 6,500 FOR EACH HOME OR DWELLING

### THE INTENDED RESULTS INCLUDE:

- REDUCED BURDEN OF ENERGY PRICES ON ECONOMICALLY DISADVANTAGED

## METRICS:

- INVOLVE SIMPLY THE AMOUNT OF FUNDING PROVIDED TO STATES AND NUMBER OF HOMES OR DWELLINGS WEATHERIZED
- **NOTE:** THESE GOALS AND METRICS CAN BE MET AND EXCEEDED THROUGH COORDINATION OF WEATHERIZATION PROGRAMS TO AVOID OVERLAPPING, THEREBY INCREASING THE \$ AMOUNT PER UNIT WEATHERIZED

## DESIRED RESULTS:

### COORDINATION OF PROGRAMS CAN RESULT IN:

- ❖ HIGHER LEAVARAGING OF AVAILABLE FUNDS
- ❖ MORE EFFECTIVE WEATHERIZATION OF EACH UNIT (MORE ENERGY EFFICIENCY MEASURES)
- ❖ WEATHRIZING MORE HOMES AND DWELLINGS
- ❖ HIGHER REDUCTION OF ENERGY PRICE BURDEN ON ECONOMICALLY DESADVANTAGED
- ❖ WEATHERIZING MORE UNITS MEANS CREATING MORE JOBS

## RESULTING BENEFITS:

### ENERGY BENEFITS:

- BENEFIT TO UTILITY RATE PAYER –THROUGH REDUCED ENERGY BILLS
- REDUCED ENERGY BILL MEANS EXTRA MONEY TO SPEND ON NECESSITIES
- INCREASED ENERGY EFFICIENCY RESULTS IN REDUCTION OF CARBON FOOTPRINT
- REDUCED EDWELLING ENERGY LOAD MEANS REDUCED COST INSTALLATION COST OF RENEWABLE ENERGY SUCH AS PV THROUGH MASH ANS SASH PROGRAMS

## NON-ENERGY BENEFITS:

- INCREASE IN PROPERTY VALUE
- INCREASE IN DWELLING COMFORT
- REDUCED COST OF BILL COLLECTION
- MORE JOBS FOR LOCAL ECONOMY MEANS INCREASE IN INCOME TAX BASE
- NATIONAL SECURITY – DECREASE IN FOSSIL FUEL USE, LESS RELIANCE ON FOREIGN OIL

## LINKS FOR MORE INFORMATION:

- <http://www.grants.gov>
- <http://www.acf.hhs.gov/programs/ocs/liheap/about/index.html>
- <https://apps1.eer.energy.gov/weatherization/reducing.cfm>
- <http://www.wdol.gov/index.aspx>
- [www.energy.ca.state.ca.us](http://www.energy.ca.state.ca.us)