



## U.S. Department of Energy

### STATE PLAN/MASTER FILE WORKSHEET (continued)

Identification Number: EE0000193, State: VA, Program Year: 2,009.00

Virginia provides services statewide. All Virginia localities are eligible for assistance. This include cities, counties and towns. The Weatherization subgrantees were selected in accordance with Section 440.15(a) (3), "preference is given to any CAA or other public or nonprofit entity which has, or is currently administering an effective program."

As required, factors considered when selecting a subgrantee include, at a minimum, the extent to which the subgrantee has achieved, or is achieving, weatherization goals in a timely fashion and the quality of work performed by the subgrantee. The selection process emphasizes the regulation's requirement for program effectiveness. The State evaluates the ability of each current subgrantee to achieve goals in a timely fashion as demonstrated in the current program and the capability of the subgrantee to effectively achieve weatherization goals.

Subgrantees are provided a DOE allocation using a formula that is based on heating degree-days, low-income population, and square miles served. Any additional funds made available by the DOE during the program year are allocated to subgrantees using the same formula allocation. If a subgrantee is unable, for any reason, to expend its total grant allocation, the State reserves the right to recall the unexpended portion of the allocation and reallocate it to other subgrantee(s) in need of funds in order to maintain production and operations. Each subgrantee is required to submit a budget and a proposed production schedule. Subgrantees are encouraged to coordinate with other Federal, State, local, or privately funded programs as required in 440.14, "Minimum program requirements."

#### III.1.3 Priorities

DOE regulations require agencies to give priority to identifying and providing weatherization assistance to elderly, persons with disabilities, and families with children (18 years of age and under), The subgrantee's Board of Directors must approve these procedures and are to be reviewed by the grantee during annual or periodic monitoring visits. The State has acquired software that, when fully deployed will establish a priority point system that agencies will use in determining clients to be served. The State will also be allowing for the prioritization of time sensitive projects that are leveraging funds and dwellings without unsafe or inoperable heat systems.

#### III.2 Climatic Conditions

Virginia is divided into six Climate Divisions. These are Tidewater, Eastern Piedmont, Western Piedmont, Northern, Central Mountain, and Southwestern Mountain. These Divisions reflect the diverse geographic aspects of the Commonwealth.

Heating Degree Days account for 18.33% of the formula allocation for each city or county. For PY 2005, the data was updated to the thirty-year Divisional Normals, from 1971-2000, released by the National Climatic Data center on June 15, 2002. This is the latest release date for cumulative data that could be located.

In calendar year 2004, Virginia experienced a lower than average number of heating degree days. This influenced the decision to use cumulative data, presuming that the data would be more accurate and not skewed by global events producing shorter and/or warmer winter seasons.

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III.3 Weatherization Work

III.3.1 Type of Work to Be Done

DOE approved September 9, 2011.

HOUSING TYPES (site built, single family)

Ranch

1 Story

1.5 Story

2 Story

Manufactured Homes

Single-wide

Double-wide

FOUNDATION TYPES

Slab Crawl

Unfinished Basement

Finished Basement

HEATING TYPES

Heat Pump

Oil

Gas

Electric Baseboard

Virginia Weatherization Assistance Program

Single-Family Home Priority List

Measures must be installed in the order listed. Agencies may not skip air sealing and insulation measures in order to install storm windows.

Homes with energy characteristics that differ from the building types used to develop the priority list require the site-specific application of NEAT or MHEA in lieu of the priority list. Only measures on this priority list can be installed without completing a site-specific audit. A site-specific audit must be performed to address mechanical system replacements.

Virginia Single Family Priority List

- 1) Duct sealing and insulation
- Insulate ducts in unconditioned space up to R-8
- Total cost is limited by the average initial pressure pan test results and by heating type

Maximum Cost to Seal Ducts to Cumulative Pressure Pan Reading of 3 Pa

Average Pressure Pan Reading (Pascals)

Oil

Electric Furnace or Resistance

Natural Gas

Electric Heat Pump

<.5

89

79

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47  
32  
.5 to .9  
142  
160  
94  
65  
1 to 1.9  
220  
291  
162  
118  
2 to 2.9  
309  
445  
237  
181  
3 to 3.9  
393  
549  
307  
247  
4 to 4.9  
499  
691  
392  
324  
5 to 5.9  
611  
800  
478  
358  
6 to 6.9  
759  
800  
587  
408  
7 to 7.9  
800  
800  
702  
438  
8 to 8.9  
800  
800

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741  
449  
9 to 9.9  
800  
800  
800  
510  
>10  
800  
800  
800  
523

2) Air sealing

- Seal plumbing, electrical, and HVAC penetrations through ceiling, flooring, and exterior walls. Use proper materials for high-temperature surfaces.
- Total cost is based on CFM-50 reduction achieved and is limited by heating type

**Primary Heating Type**

**Maximum Cost Per 100 CFM-50 Reduction**

Oil  
\$85  
Natural Gas, Electric Furnace or Resistance  
\$70  
Electric Heat Pump  
\$50

3) Attic insulation

- Insulate with blown cellulose
- Cost is limited to \$0.65/ ft2 for R-38 and \$0.72/ ft2 for R-49

**Primary Heating Type**

**Bring attic insulation up to:**

Electric Heat Pump  
R-38  
Natural Gas  
R-38  
Oil, Electric Furnace or Resistance  
R-49

4) Wall insulation

- Densepack uninsulated walls with cellulose at 3.5 lbs/ft3 or fiberglass at 2.2 lbs/ft3
- Cost is limited to \$1.50/ft2

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**STATE PLAN/MASTER FILE WORKSHEET (continued)**

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- 5) Lights
  - Replace incandescent lights that are used for more than 2 hours a day with CFLs
  - Cost is limited to \$8/bulb and total CFL expenditure for a house cannot exceed \$200
  
- 6) Water heater tank and pipe insulation
  
- 7) Sill joist and foundation wall insulation (to be implemented by September 1, 2012)
  - Measure can be skipped by subgrantee until proper installation training is provided
  - Homes with an electric heat pump are exempt from this measure
  - Crawlspace should be covered with a vapor barrier and vents should be sealed
  - Insulate above-grade portion of foundation walls in unconditioned crawlspaces and basements to R-12 with spray foam
  - Cost is limited to \$3.00 per ft<sup>2</sup>
  
- 8) Furnace and boiler tune-up
  - Perform tune-up on oil boilers and furnaces with tested Steady-State-Efficiency of less than 68%
  - Cost is limited to \$300
  
- 9) Refrigerator replacement

**Savings (kWh)**

**Maximum Replacement Cost (\$)**

1100  
1450  
1000  
1320  
900  
1185  
800  
1055  
700  
920  
600  
790  
500  
660  
400  
525

**Virginia Weatherization Assistance Program  
Mobile Home Priority List**

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Measures must be installed in the order listed. Agencies may not skip air sealing and insulation measures in order to install storm windows.

Homes with energy characteristics that differ from the building types used to develop the priority list require the site-specific application of NEAT or MHEA in lieu of the priority list. Only measures on this priority list can be installed without completing a site-specific audit. A site-specific audit must be performed to address mechanical system replacements.

- 1) Duct sealing
- Total cost is limited by the average initial pressure pan test results and by heating type

Maximum Cost to Seal Ducts to Cumulative Pressure Pan Reading of 3 Pa  
Average Pressure Pan Reading (Pascals)

Liquid Propane

Electric Furnace or Resistance

Oil

Natural

Gas

Electric Heat Pump

<.5

74

44

40

27

26

.5 to .9

256

149

140

118

79

1 to 1.9

576

343

III.3.2 Energy Audit Procedures

<u>Unit Types</u>	<u>Audit Procedures and Dates Most Recently Approved by DOE</u>
Single-Family	Priority List for designated typical housing stock and National Energy Audit (NEAT) for non-typical housing stock, Approved September 2011.
Multi-Family	NEAT - Approved September 2011.
Mobile Home	Priority List for designated typical housing stock and Manufactured Home Energy Audit (MHEA) for non-typical housing stock, Approved September 2011.

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**III.3.3 Final Inspection**

Subgrantees are required to perform a final inspection of each dwelling unit before the job can be reported to DHCD as a completion. The final inspection must be signed and dated by the individual(s) trained and authorized to complete these inspections.

In situations where a subcontractor is used to perform a portion or all of the weatherization work, DHCD holds the subgrantee contractually responsible for inspecting and certifying that the job has been completed to the Installation Standards. Final Inspections cannot be subcontracted out and must be performed by an employee of the sub-grantee.

**III.3.4 Assessment of Effectiveness**

July 1 -June 30 is the normal period of performance in the weatherization contract between DHCD and the subgrantee.

Subgrantee monitoring is ongoing and tied to the performance period in the contract between the subgrantee and DHCD. DHCD analysis of individual subgrantees, and whether or not continued funding is warranted, includes such considerations as: onsite field and financial/administrative monitoring visits, and demonstrated willingness and ability to produce completed units while coordinating with and utilizing multiple funding sources.

Program production and expenditure rates are tracked on an on-going basis at the state level. This information is shared with the network of subgrantees, at a minimum, during each of the semi-annual statewide weatherization "interchanges" held by DHCD. Similar information is provided as part of the "Summary Analysis" prepared with each payment. Future training, technical assistance, and monitoring needs are determined based on these analyses and the results of the monitoring and the financial/administrative monitoring.

**III.4 Health and Safety**

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**Health and Safety Plan**

Health and safety is referenced in the CFR: 440 rule and WPN 11-6.

Health and Safety repairs can only occur when weatherization measures are being performed.

Corrections of identified hazards must be charged to the Health and Safety budget category.

Energy related health and safety actions are those actions necessary to maintain the physical well being of both the occupants and/or weatherization workers where:

Costs are reasonable; AND

The actions must be taken to effectively perform weatherization work; OR

The actions are necessary as a result of weatherization work.

A health and safety inspection must be completed as part of the Energy Audit. These inspections include, but are not limited to, the following:

blower door testing for minimum ventilation rates (mvr) inspection and testing for unacceptable levels of carbon monoxide in the flue and ambient areas

power supply inspections, repair, or upgrades

inspection for gas leaks

inspection for adequate combustion air for combustion heating appliances

draft and pressure tests for combustion appliances

inspection of vent systems, to include the chimney

inspection for adequate clearance from combustibles

inspection of safety controls on combustion appliances

Clients must be informed in writing of hazards that are identified during the audit and installation. The document must be signed by the client.

Upon failed inspection, subgrantees may use WAP H&S funds for the following work: Common H&S repairs:

**Ventilation (ASHRAE)**

Approximate cost per house--\$1000 (materials and labor)

**Vapor Barrier**

Approximate cost per house--\$1200 (materials and labor)

**Smoke Detectors**

Approximate cost per house--\$30ea (materials and labor)

**CO Alarms**

Approximate cost per house--\$75ea (materials and labor)

**HVAC Repair**

Approximate cost per house--\$500 (materials and labor)

**HVAC Replacement**

Heat Pump approximate cost per house--\$2500 (materials and labor)

Furnace (gas and oil) approximate cost per house--\$2600 (materials and labor)

Boiler (gas) approximate cost per house--\$6000 (materials and labor)

Monitor space heater (vented)--\$1800 (materials and labor)

Note: prices do not include oil tanks or lines where required.

**Air Conditioning Systems**

Air conditioning system replacement or repair is allowable in homes of at-risk occupants when inoperable/nonexistent.

At-risk occupants are defined as:

elderly (60 years or older)

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children (under the age of 6)  
occupants with health conditions that warrant the need for conditioned air

**Asbestos**

Siding—removal of siding is allowed to perform energy conservation measures. All precautions must be taken not to damage siding. Asbestos siding should never be cut or drilled. Recommended, where possible, to insulate through home interior.

Pipe insulation—encapsulation is allowed if performed by an Asbestos Hazard Emergency Response Act (AHERA) professional and should be conducted prior to blower door testing.

Where Asbestos (friable) is identified or assumed, the use of a blower door is prohibited.

Subgrantees/Contractors must have training/license required by the Virginia Department of Professional and Occupational Regulation to test and work with any asbestos containing material.

**Drainage**

The following are allowable drainage measures:

gutters and downspouts

flashing

diverters

sump pumps

**Dryer Venting**

Dryer venting is an allowable expense. Dryers should be vented to the outdoors and duct no longer than 35ft. This length is reduced by 2.5ft for every 45 deg bend and 5ft for every 90 deg bend.

**Electrical**

Replacement of knob and tube wiring is allowable where installing insulation. Upgrades and repairs are allowed when necessary to install HVAC equipment weatherization measures.

**Gas Cook Ranges**

Gas range replacement is not an allowable Health and Safety expense. However, cleaning and repair are allowable if high levels of CO are present. Costs shall not exceed \$300.

**Heating Systems**

Repair of heating systems is permitted under the following conditions:

unsafe levels of carbon monoxide (CO)

improper draft

improper venting

unsafe chimney

Replacement of heating systems is permitted under the following conditions:

inoperable/nonexistent

unsafe levels of carbon monoxide (CO) that cannot be remedied by repair

Heating Systems must be replaced for efficiency if the SIR is one or greater before being replaced as a H&S measure.

Solid Fuel Heating—maintenance, repair and replacement of primary indoor heating unit is allowed where occupant health and safety is a concern. Only maintenance and repair is allowed if used as a secondary heating system.

**Lead Based Paint**

Testing is an allowable and should be done in accordance with the EPA RRP training. Job site set up and cleaning verification is required by a Certified Renovator. Abatement is not allowed.

**Mold and Moisture**

Although mold testing is not an allowable expense, a visual inspection is required during the audit and final inspection. Limited water damage repairs that can be addressed by weatherization workers and correction of

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moisture and mold creating conditions are allowed when necessary in order to weatherize the home and to ensure the long term stability and durability of the measures. Where severe Mold and Moisture issues cannot be addressed, deferral is required. See the Drainage section of this chapter for allowable drainage measures.

#### **Occupant Health Risks**

During the application process, clients should inform the agency of any known health concerns. The client should also be interviewed during the audit and educated on possible health risks before the installation of weatherization materials.

#### **Pests**

Pest removal is allowed only where infestation would prevent weatherization. Infestation of pests may be cause for deferral where it cannot be reasonably removed or poses health and safety concern for workers. Screening of windows and points of access is allowed to prevent intrusion.

#### **Pollutants**

Removal of pollutants (e.g., formaldehyde, volatile organic compounds) is allowed and is required if they pose a risk to workers. If pollutants pose a risk to workers and removal cannot be performed or is not allowed by the client, the unit must be deferred.

#### **Radon**

Radon is a radioactive gaseous element formed by the disintegration of radium; occurs naturally (especially in areas over granite) and is considered a hazard to health. See Vapor Barrier for installation requirements to alleviate radon risks. Testing is allowable in areas with high radon potential.

#### **Refrigerant**

Refrigerant must be reclaimed, where necessary, per the Clean Air Act 1990, section 608, as amended by 40 CFR82. NRCERT is developing a refrigerant training class which will include these rules and regulations.

#### **Relocation**

Relocation expenses are allowable where the installation of weatherization measures may pose a risk to the client. Relocation assistance is not permitted for multi-family.

#### **Smoke Detectors, Carbon Monoxide (CO) Detectors, and Fire Extinguishers**

Installation of smoke and CO detectors are allowed only where they are not present or inoperable. Smoke Detectors must be installed on each floor, in each bedroom and the immediate vicinity of the bedrooms. Providing fire extinguishers is permitted only when solid fuel is present.

#### **Vapor Barrier**

Vapor barriers must be installed in every crawlspace unless skirting is missing on manufactured homes.

#### **Water Heaters**

Replacement is only allowed when the tank is leaking. Repair and cleaning are allowed.

#### **Ventilation**

ASHRAE 62.2 standard is required (where applicable) after January 1, 2012. Staff must be trained on this ventilation standard prior to this date. DHCD has tasked NRCERT with developing a curriculum and training classes are scheduled in order to meet the DOE deadline for implementation.

#### **Prohibited Uses**

Health and Safety funds may not be used for the following:

Replacement of appliances unless explicitly listed in this chapter

Asbestos abatement

Lead abatement

Major mold and moisture remediation

Bacteria and virus remediation

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Building rehabilitation

Correction of preexisting code compliance issues (State and local codes must be followed while performing weatherization work)

Window and door replacement

Beyond the Scope of Weatherization

Health and Safety measures should not exceed reasonable costs. Discretion must be given when considering the level of these measures

Deferral & Referral

Deferral may be necessary in the following situations:

The client has known health conditions that prohibit the installation of weatherization materials.

The building structure or components are in such a state of disrepair that failure is imminent and the conditions cannot be resolved cost-effectively.

The house has sewage or other sanitary problems that would further endanger the client and installers if weatherization work is performed.

The house has been condemned.

Moisture problems are beyond the scope of this guidance.

The client is uncooperative, abusive or threatening.

Any condition which may endanger the weatherization workers and is beyond the scope of this guidance.

The Subgrantee is required to develop a referral policy based on the resources available in their service area. The client must be notified in writing. This document must include the reason for referral and contact information of the agency receiving the referral.

Allowable Costs 10% is budgeted specifically for H&S activities. Additionally, there are LIHEAP funds allocated to sub-grantees to cover the difference between the anticipated 19% shown in the below historical data sample table and the 10% budget amount. The average per unit expenditure limit is \$650.00. Expenditures for H&S related activities listed on the H&S line item are not calculated into the average cost per unit for completed projects.

<u>Measure</u>	<u>Average Cost</u>	<u>Frequency</u>
Asbestos	\$ 210.00	0%
Drainage	\$ 280.00	7%
Dryer Venting	\$ 40.00	100%
Electrical	\$ 1,700.00	20%
<u>Measure</u>	<u>Average Cost</u>	<u>Frequency</u>
Gas Range	\$ 20.00	0%
HVAC	\$ 1,450.00	20%
Lead	\$ 107.00	7%
Mold/Moisture	\$ 100.00	7%
Occupant Risk	\$ 150.00	0%
Pests	\$ 120.00	27%
Pollutants	\$ 100.00	0%
Radon	\$ 172.00	0%
Relocation	\$ 350.00	0%
Smoke/Co Det	\$ 90.00	100%
Vapor Barrier	\$ 350.00	47%
Ventilation	\$ 500.00	27%

III.5 Rental Procedures

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Virginia ensures that benefits accrue primarily to the eligible clients by the terms of an owner agreement. This agreement is retained and becomes part of the client file/job records. Virginia currently ensures that rents will not be raised for a reasonable period of time because of the weatherization work performed. No undue or excessive enhancement can occur to the value of the dwelling unit(s).

#### Multifamily

Virginia has developed administrative guidelines for multi-family weatherization projects. Local agencies must notify DHCD prior to undertaking weatherization work on a specific project. Clients must meet the same income eligibility requirements previously described, however, in a multi-unit property, the number of units that have income eligible clients may vary. For multi-family properties, at least 66% of units in each building must be income eligible before weatherization services can be approved for that building. In duplexes, four unit buildings and certain eligible types of large multi-family properties, 50% of the units must be income eligible.

### **III.6 Program Management**

#### **III.6.1 Overview**

DHCD falls under the Secretary of Commerce and Trade. The Department has a Director, a Principal Deputy Director and a Deputy Director for each of the Department's four Divisions of: Administration, Community Development, Building and Fire Regulations, and Housing. Organizational Charts for the Divisions are on file with DOE.

The Division of Housing has three units: Housing and Homeless Assistance, Housing Finance, and Housing Preservation. The Weatherization Assistance Program is located in the Housing Preservation Unit. The program is one of approximately fifteen (15) programs administered within the Housing Division. Other programs in the Housing Division assist with multifamily loans, homeownership, lead-based paint control and abatement, homelessness, and special populations such as individuals with AIDS or disabilities.

Two full-time staff and one part-time staff are assigned to the WAP. A small number of other permanent and non-permanent positions provide administrative support, and the amount of DOE funds used to pay the costs associated with these support staff may vary from year-to-year depending on the DOE and LIHEAP allocation.

#### **III.6.2 Administrative Expenditure Limits**

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Subgrantees with less than \$350,000 in DOE Weatherization funding, may submit a written request for administrative funds in excess of 5%, not to exceed a total of 10% of the total contract amount. The actual amount the subgrantee is provided is the lesser of the amount actually spent and the number of units completed times the current percentage approved. DHCD receives 5% of the total grant for administrative purposes.

Any program income earned must be used to complete additional units. Property owner contributions (landlords) and leveraged resources (utility or state funds) are not considered program income. and leveraged resources that are used in DOE Weatherization Program may be treated as appropriated funds, in which case they could be added to the total appropriated funds to determine overall administrative costs. DOE defines program income as any funds earned by the grantee and/or subgrantee(s) from non-Federal sources during the course of performing DOE Weatherization work. The income generated must be used to complete additional dwelling units in conformance with DOE rules, regulations, and guidance.

No changes to percentage limits will occur. DHCD will review any and all subgrantee program income and leveraged resource funding, being used by subgrantees as appropriated funds, to determine the appropriateness of additional administrative funding.

**III.6.3 Monitoring Approach**

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DHCD intends to comply with the ARRA requirement for yearly compliance monitoring and to ensure final inspection of no less than five percent (5%) of completed units. Typically, DHCD staff selects the jobs inspected either at random or during the course of a desk review. The focus of an individual subgrantee monitoring will depend upon the results of previous monitoring, audits, etc. Site visits include a pre-conference and a post conference with the Executive Director.

Financial monitoring shall be completed by the DHCD Financial Analyst , Administrative monitoring will be completed by the Program Administrator , and technical monitoring will be completed by the Technical Monitors.

Several methods, such as subgrantee monitoring visits, monitoring instruments (checklists), and written reports will be used to evaluate performance, provide substantive feedback, and ensure the quality of work and adequate financial management control at the subgrantee level. Each Weatherization subgrantee can expect to receive a minimum of one monitoring visit per year. Follow-up visits will be conducted by the monitor as needed or to resolve any client complaints. DHCD will monitor, at a minimum, the number of units required by DOE . The focus of an individual subgrantee monitoring may depend upon the results of previous monitoring, audits, etc. On-site monitoring visits include an exit conference with the Executive Director or his or her designee and the Weatherization Manager .

Technical and financial/administrative monitoring include the following areas:

- a. Applications
- b. Program files and records
- c. Outreach
- d. Inventory
- e. Vehicles used in weatherization
- f. Job inspections
- g. Financial records
- h. Subcontracting records
- i. Program compliance

A written monitoring report, summarizing strengths and deficiencies and the required course of action to correct any deficiencies, is sent to the subgrantee within 30 days after each visit. A subgrantee is given up to 45 days to respond to the report. Failure to do so can result in delay of reimbursement for work performed.

Annual subgrantee audits, conducted by an independent CPA, are a contractual provision. Audit reviews are performed on an on-going basis.

**III.6.4 Training and Technical Assistance Approach**

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T/TA funds will be used provide theoretical as well as hands on training on weatherization fundamentals , and for advanced training for experienced workers on diagnostic evaluations, quality control, and continuing education. Subgrantees will also receive T/TA funds for discretionary training activities for administrative and technical staff. T/TA funds may also be used for contractor licensing and certification test preparation and exam fees.

Grantee T/TA funding will be used to provide on-site financial and programmatic monitoring and training and technical assistance by DHCD staff to the subgrantees, and for limited peer monitoring arranged by DHCD if necessary. Where possible, the Weatherization Program coordinates training and monitoring with DHCD non-WAP programs to encourage resource leveraging, program expansion, and coordination of services for a more complete job.

DHCD will also continue to conduct "interchanges" multiple times each year and ad hoc regional roundtable discussions with WAP subgrantees. These meetings allow agency staff and subgrantees an opportunity to meet face-to-face and address any questions or concerns, plus they provide a forum for subgrantees to provide input for program policy and design. The interchange(s) will also be used to facilitate the coordination of WAP and other non-DOE programs-such as Crisis-and staff from the Virginia Department of Social Services are invited to attend as well.

Technical assistance will be provided to local weatherization programs as they are monitored . This assistance occurs during the monitoring process because, as deficiencies are identified, the monitor will explain and show local agency personnel how the deficiencies can be corrected. Any deficiencies that appear to be program wide or affecting a significant portion of subgrantees will result in defining training needs for all subgrantees.

#### III.6.5 Energy Crisis Plan

Participation in the LIHEAP CRISIS Program is encouraged. Numerous subgrantees currently participate on a regular basis, through contracts or referral networks with local Departments of Social Services. Since the local DSS has the option to offer assistance or not, through the CRISIS Program, it may not be available on a Statewide basis. Disaster Relief (in accordance with Program Notice 08-5, Disaster Planning and Relief dated 9/22/2008) In the event of a natural or man-made disaster, Virginia will allow providers to assist in disaster relief with weatherization funds in combination with other funds, typically from FEMA. The President or the Governor of Virginia must declare a Federal or State Emergency before providers will be allowed to use existing resources to address the needs of the people in the area. Weatherization agencies can provide technical assistance, recovery and clean-up efforts and crisis management. Agencies will be required to submit a plan of activities, timeframe and any special considerations to go beyond the typical recovery efforts. Agencies will be required to report activities performed. Agencies shall coordinate their efforts with other disaster assistance programs, like FEMA, in order to assure that activities funded through the Weatherization Program would not otherwise be covered by other Programs or agencies.

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## WEATHERIZATION ANNUAL FILE WORKSHEET

Identification: EE0000193

State: VA

Program year: 2009

Budget period: 04/01/2009 - 03/31/2012

## II.3 Subgrantees

Grantee	City	Tentative	
		Funding	Units
Appalachian Community Action Agency	Gate City	2,096,020.00	322
Bay Aging	Urbanna	2,224,078.00	398
Central Virginia Area Agency on Aging	Lynchburg	1,381,991.00	213
Clinch Valley Community Action Agency	North Tazewell	1,129,554.00	174
Community Energy Conservation Program	Charlottesville	5,151,713.00	936
Community Housing Partners Corporation	Christiansburg	12,484,575.00	2,270
Crater District Area Agency on Aging	Petersburg	2,316,945.00	439
Eastern Shore Area Agency on Aging/Community Action Agency	Exmore	1,390,092.00	253
ElderHomes Corporation, Inc.	Richmond	5,434,268.00	988
H.O.P.E., Inc.	Farmville	2,114,714.00	325
Lynchburg Community Action Group	Lynchburg	1,402,186.00	255
Mountain Community Action Program	Marion	1,236,862.00	190
PEOPLE, Inc.	Abingdon	1,584,996.00	288
Pittsylvania County Community Action Agency	Chatham	2,002,692.00	308
Rappahannock Area Agency on Aging	Fredericksburg	1,601,080.00	319
Rooftop of Virginia Community Action Program	Galax	1,228,688.00	223
Southeastern Tidewater Opportunity Project	Norfolk	6,692,251.00	1,217
Support to Eliminate Poverty	Rocky Mount	1,064,448.00	194
Telamon Corporation, Inc.	Richmond	1,031,304.00	159
Total Action Against Poverty	Roanoke	6,489,013.00	1,180
Tri-County Community Action	South Boston	1,232,757.00	224
Williamsburg-James City County Community Action Agency	Williamsburg	3,380,646.00	615
<b>TOTALS</b>		<b>64,670,873.00</b>	<b>11,490</b>

## SERC Subgrantees

Grantee	City	Tentative	
		Funding	Units
ElderHomes Corporation	Richmond	2,500,000.00	177
PEOPLE, Inc.	Abingdon	1,000,000.00	94
Total Action Against Poverty	Roanoke	1,000,000.00	70
<b>TOTALS</b>		<b>4,500,000.00</b>	<b>341</b>

**U.S. Department of Energy**

**WEATHERIZATION ANNUAL FILE WORKSHEET (cont)**

**Identification: EE0000193**

**State: VA**

**Program year: 2009**

**Budget period: 04/01/2009 - 03/31/2012**

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**II.4 WAP Production Schedule**

Total Units (excluding reweatherized)	11,490
-----	-----
Rewatherized Units	0
-----	-----
Planned SERC Units *	341
-----	-----

\* Planned SERC units is the calculated total units for all SERC Subgrantees.

**U.S. Department of Energy**

**WEATHERIZATION ANNUAL FILE WORKSHEET (cont)**

Identification: EE0000193

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<b>Average Unit Costs, including Reweathering, Subject to DOE Program Rules</b>		
VEHICLE & EQUIPMENT AVERAGE COST PER DWELLING UNIT (DOE RULES)		
A	Total Vehicles & Equipment (\$5,000 or more) Budget	\$0.00
B	Total Units Weatherized	11,490
C	Total Units Reweatherized	0
D	Total Dwelling Units to be Weatherized and Reweatherized (B + C)	11,490
E	Average Vehicles & Equipment Acquisition Cost per Unit (A divided by D)	\$0.00
AVERAGE COST PER DWELLING UNIT (DOE RULES)		
F	Total Funds for Program Operations	\$64,670,873.00
G	Total Dwelling Units to be Weatherized and Reweatherized (from line D)	11,490
H	Average Program Operations Costs per Unit (F divided by G)	\$5,628.45
I	Average Vehicles & Equipment Acquisition Cost per Unit (from line E)	\$0.00
J	Total Average Cost per Dwelling (H plus I)	\$5,628.45

<b>SERC Average Unit Costs, including Reweathering, Subject to DOE Program Rules</b>		
AVERAGE COST PER DWELLING UNIT (DOE RULES)		
A	Total Funds for Program Operations	\$3,600,000.00
B	Total Funds for Health and Safety	\$450,000.00
C	Total Funds for Program Operations and Health and Safety (A + B)	\$4,050,000.00
D	Total Dwelling Units to be Weatherized	341
E	Average Program Operations and Health and Safety Costs per Unit (C divided by D)	\$11,876.83

**II.5 Energy Savings**

Method used to calculate energy savings:                      WAP algorithm                       Other (describe below)

Energy Savings is calculated by subtracting the amounts for Administration, T/TA Health and Safety, Financial Audits, and Leverage Funds from the total amount available.

That new amount is then divided by the current, allowable average cost per unit to estimate the number of homes to be weatherized.

The estimated number of homes to be weatherized is then multiplied by the allowable MBtu established by DOE of 30.5 to estimate the Energy savings.

## U.S. Department of Energy

## WEATHERIZATION ANNUAL FILE WORKSHEET (cont)

Identification: EE0000193

State: VA

Program year: 2009

Budget period: 04/01/2009 - 03/31/2012

Estimated energy savings: 257,534.00 (MBtu)

Estimated prior year savings:

Actual:

If variance is large, explain:

## II.6 Training, Technical Assistance, and Monitoring Activities

### II.6 TRAINING, TECHNICAL ASSISTANCE, AND MONITORING ACTIVITIES (T/TA)

#### A. Training and Technical Assistance -

##### 1. Grantee Training and Technical Assistance (T/TA) Activities -

Approximately sixty percent (60%) or \$11 million of the T/TA budget has been or will be allocated for training of current and new weatherization providers. DHCD has budgeted T/TA funds for personnel, fringe benefits, travel, building rents (Other Direct), and indirect costs with the balance of these costs budgeted through DOE administrative funds and other funding sources. Grantee T/TA funds (approximately \$6,000,000) are budgeted to provide training for the statewide program through a 3-year agreement with New River Center for Energy Research and Training (NRCERT). DHCD is currently negotiating with NCERT to be the primary training provider. When complete, a contract between DHCD and the training provider will provide a specific number classes and train a specified number of program personnel. Subgrantees will be able to register for any class at no cost to the local subgrantee. Training will occur in phases to meet the immediate ramp-up and ongoing needs of the subgrantees, and then focus on intensive training in the fundamentals of weatherization for newly hired personnel (Note: Training plan and contract will be submitted separately). Training courses to be offered are:

- Energy Auditing
- Crew Leader Fundamentals
- Crew Technicians Fundamentals
- HVAC Diagnostics
- Client Intake
- Weatherization Management
- Multi-Family Weatherization
- Mobile Home Weatherization

Also, DHCD is negotiating with the Virginia Community College System (VCCS) to develop a weatherization training curriculum that will facilitate the availability of weatherization training for construction trades workers and to aid the availability of training for individuals interested in joining existing weatherization service providers. The total amount of funding has not yet been identified, but is expected to be approximately \$4 million.

In addition, to access to the training available through a contract executed by DHCD with NCERT, subgrantees will also have access to \$1,000 per person for training for a maximum contract total of \$20,000 for a total of \$440,000. These training funds will be included in the local contract to allow each agency to initiate discretionary training as needed for administrative as well as technical staff. T/TA funds will be available as a part of the ARRA contract and as a part of the PY 2009 DOE contract (an additional maximum of \$20,000 will be available within the PY 2009 DOE contract).

DHCD is evaluating vendor proposals to procure and implement a new program reporting database to increase

## U.S. Department of Energy

## WEATHERIZATION ANNUAL FILE WORKSHEET (cont)

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program effectiveness and efficiency at an anticipated approximate cost of \$400,000.

Budgeted funds will also be used to conduct any necessary, unplanned, conference or training events that will specifically benefit the subgrantees. This may include special or mandatory training recommended or required by the Field Monitor to correct deficiencies identified during compliance monitoring visits. These funds will also be used by DHCD staff to provide statewide training and technical assistance including specific T/TA visits, sponsoring the semi-annual subgrantee Interchange, and ad hoc regional roundtable discussions that review program technical changes and aid the review and revision of technical reference documents and the Program Implementation manual. DHCD will also participate in regional and national training and conferences, and work to promote energy conservation education. Any unused T/TA funds will revert to Program Support.

DHCD will continue to conduct and require subgrantees to attend semi-annual "interchanges" and ad hoc regional roundtable discussions with WAP subgrantees. These meetings allow agency staff and subgrantees the opportunity to meet face-to-face and address any questions or concerns, and provide a forum for subgrantees to provide program policy and design input. Interchanges will be used to facilitate the coordination of WAP and other non-DOE programs, such as LIHEAP and Crisis, and staff from the Virginia Department of Social Services are invited to attend.

ARRAT/TA funds are budgeted specifically to contract with the New River Center for Energy Research and Training to provide on-site and on-demand training and technical assistance to weatherization subgrantees. Additional funds have been allocated to work with the Virginia Community College System to use their four state-of-the-art heating system training laboratories and develop a weatherization training component to accompany their heating system curriculum and promote green jobs.

Grantee T/TA funding will be used to provide on-site technical, financial and administrative or programmatic monitoring, and to conduct field training and administrative technical assistance by DHCD staff.

Grantee T/TA funds will be used to upgrade or replace the data collection and reporting system currently in use by the subgrantees to a web-based reporting system.

## 2. Subgrantee Training and Technical Assistance Activities -

T/TA funds will be allocated based upon an average subgrantee staffing level, at \$1,000 per program related employee. This amount represents an increase in previously budgeted amounts and is intended to meet the increased training demands necessitated by the expectation of increased productivity, recent revisions to the Lead Safe Weatherization requirements, and HVAC licensing requirements. The amount available for each agency will vary based upon the size of the weatherization workforce, the total calculated for subgrantee T/TA estimates approximately \$20,000 for 22 agencies. DHCD allocates T/TA funds directly to each subgrantee so that they may independently obtain agency specific training as needed. These funds may be used for leadership skills and management training for all program personnel, technical training for all crew personnel, and to obtain or enhance spread sheeting and data management skills for administrative personnel. Eligible uses include funds for travel for state and national conferences and meetings. Any funds unused for these purposes may be transferred by the subgrantee to their Program Operations activities. The amount of available T/TA funds are included in each subgrantee contract.

Additional T/TA funds may be made available to a subgrantee upon request on a case-by-case basis, contingent upon a demonstrated need the availability of funds. Additional funds may be used for participation in statewide training and technical assistance opportunities, participation in semi-annual subgrantee Interchanges, ad hoc regional roundtable discussions, and participation in regional and national

## U.S. Department of Energy

## WEATHERIZATION ANNUAL FILE WORKSHEET (cont)

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training and conferences.

**Licensing Requirements:** DHCD requires that each subgrantee hold and maintain a Class A or B contractor's license, in accordance with State licensing regulations. DHCD does not currently require/mandate any certification or training for subgrantee staff. However, Virginia law requires that all HVAC work be performed by licensed tradesmen. If staff does not hold a journeyman or master license, subgrantees are required to work with a licensed HVAC contractor. Subgrantee initiated training and technical assistance activities may include costs associated with quality control inspections, training, licensing and certification training and/or examination fees.

## B. Monitoring Plan and Policy

### 1. On-site Compliance Monitoring

DHCD has a written monitoring policy. Subgrantees receive a copy of the policy prior to compliance monitoring visits to ensure that subgrantees are fully aware of the work areas and subject matters to be reviewed. Prior written notice of the visit must be mailed to the attention of the subgrantee Executive Directors.

DHCD intends to comply with the ARRA requirement for yearly compliance monitoring and to ensure final inspection of no less than five percent (5% or 460) of all units completed or in process of being weatherized under stimulus funding for a total of 160 units per year. Currently, the program has one monitor. Two additional monitor/administrators will be added to in order to meet this monitoring goal. Additional monitors will be added to the program staff to accommodate the increase unit production and meet the monitoring goal.

Subgrantees must be in compliance with program requirements and must have completed a satisfactory compliance review to be eligible for continued participation in the Weatherization Assistance Program. Compliance monitoring visits culminate in a written report that summarizes strengths and deficiencies noted during the review. Findings of non-compliance and/or agencies who fail to complete any required corrective action are violations of the terms and conditions of the signed agreement, and subgrantees may be required to cease operations until the required corrective actions are satisfactorily completed. Failure to satisfactorily complete the required corrective actions may result in defunding of the subgrantee contract.

Technical assistance will be provided to local weatherization programs as they are monitored. This assistance shall occur during the monitoring process providing the monitor with an opportunity to explain and demonstrate to local agency personnel how the deficiencies can be corrected. Any deficiencies that appear to be program wide or affecting a significant portion of subgrantees will result in mandatory classroom training or one-on-one training as necessary.

Three work areas are monitored: technical field work, financial management, and administrative management. Installation of weatherization measures (field work) will be reviewed by the Field Monitor for compliance with the installation standards; financial management will be monitored by DHCD Financial Analysts from the agency's Administrative Division for compliance with Generally Accepted Accounting Practices and with OMB-Circular A-133, and the administrative work will be monitored by the Program Administrator for compliance with the program policy guidance set forth in the Virginia Weatherization Assistance Program Implementation Manual.

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## WEATHERIZATION ANNUAL FILE WORKSHEET (cont)

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DHCD plans to expand its Field Monitor workforce during the upcoming program year.

### 2.Desk Monitoring

Monitoring will take place on site. Only if travel is not possible due to travel restrictions or disaster will desk monitoring take place. Limited monitoring of production and financial reporting is performed upon receipt and review by DHCD. This review is primarily confined to subgrantee audits, conducted by an independent CPA, as required by contractual provision. Audit reviews are performed on an on-going basis. Failure to submit accurate and timely reports may result in withholding reimbursements.

### 3.Financial and Administrative Management Monitoring

Subgrantees shall be monitored to ensure that appropriate and adequate financial management controls are in place and effective. Accurate, current, and complete financial records must be maintained and must be consistent with all submitted job reports and invoices. Subgrantees that fail to maintain appropriate financial record keeping and internal controls may be found to be out of contractual compliance.

DHCD staff will perform on-site financial monitoring of all subgrantees each program year. Subgrantees with exemplary monitoring reviews will be designated for review monitoring visits every other year. Additional monitoring visits may occur subject to need.

Subgrantees will be monitored to ensure that appropriate program documentation is maintained. This includes contracts and correspondence with DHCD, client applications, and local program policies.

DHCD has notified its subgrantees that workmen, mechanics, and laborers must be paid wages that meet the prevailing wage rate. DHCD will provide guidance to each agency on how to accurately meet these guidelines, and on how to accurately identify the prevailing wage for the necessary category of worker and for their area. Training on this process will occur annually or as needed.

## II.7 DOE-Funded Leveraging Activities

No leveraging is planned.

## II.8 Policy Advisory Council Members (names, groups, agencies)

Association of Energy Conservation Professionals	Billy Weitzenfeld, Exec. Director
Appalachian Energy and Power (AEP) /	Jim Fawcett, External Affairs
Dominion Virginia Power	Rita Randolph
Department of Social Services CRISIS program	Andrea Gregg
Virginia Natural Gas /	George Faatz, Dir. Intergovernmental Affairs

## II.9 State Plan Hearings (send notes, minutes, or transcript to the DOE office)

**U.S. Department of Energy**

**WEATHERIZATION ANNUAL FILE WORKSHEET (cont)**

**Identification: EE0000193**

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<u>Hearing Date</u>	<u>Newspapers that publicized the hearings and the dates that the notice ran.</u>
04/15/2009	The public notices ran between April 3, 2009 and April 6, 2009. Bristol Herald Courier Richmond Times-Dispatch The Virginian-Pilot The Roanoke Times The Potomac News
01/19/2011	The public notices ran in the following papers: Bristol Herald Courier Richmond Times-Dispatch The Virginian-Pilot The Roanoke Times The Potomac News

**II.10 Adjustments to On-File Information**

1. Revised Health and Safety Standards.
2. Energy Audit process approved.
3. Disaster relief provision in accordance with Program Guidance 08-5 has been added.

**II.11 Miscellaneous**

DHCD is reallocating funds from Administration and Training and Technical Assistance into Program Operations. DHCD will review spending and production for each sub-grantee and consider any necessary sub-grantee reallocations quarterly. If it is deemed necessary to reallocate funds another public hearing will be held and the funds will be put through a formula and allocated accordingly.

**SERC Miscellaneous**

## U.S. Department of Energy

## WEATHERIZATION ANNUAL FILE WORKSHEET (cont)

Identification: EE0000193

State: VA

Program year: 2009

Budget period: 04/01/2009 - 03/31/2012

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1. Type of Work: The Sustainable Energy Resources for Consumers (SERC) Grant will allow:

Total Action Against Poverty to utilize newer and more effective installation methods such as cool roof technologies, high performance hot water systems, geothermal heating/cooling systems, and solar photovoltaic technology.

ElderHomes Corporation will employ the use of newer and more effective installation methods such as high efficiency heat pumps, high-performance hot water systems, including condensing, tankless, and solar hot water systems.

People Incorporated of Virginia proposes the installation of a geothermal heating/cooling system and rooftop photovoltaic system at a multi-family complex and other newer and more effective installation methods such as solar hot water heaters in additional eligible households.

These SERC measures will be installed in eligible households weatherized with funds from the American Recovery and Reinvestment Act of 2009.

As the SERC Grant is funded through the American Recovery and Reinvestment Act of 2009, the labor to install the water heaters must be in accordance with The Davis-Bacon Act local prevailing wages for Plumber.

2 & 3. SERC Monitoring of Projects; SERC Training & Technical Assistance: Monitoring of the SERC Grant will be conducted in conjunction with our weatherization monitoring. Staff will devote roughly 10% of their time to monitoring and providing technical assistance for the sub-grantees. This portion of the monitor's salary will be paid for using funds from the SERC Grantee Administration. It is expected that the monitors will include the SERC monitoring with their annual monitorings. We expect to handle any technical assistance needed through our training center.

4. SERC Evaluation and Energy Savings: Clientele will be selected by those whose households that have already been weatherized with ARRA funds or will be weatherized with ARRA funds and then those households that have been weatherized with DOE or LIHEAP funds.

5. Moderate-income Eligibility: N/A.

6. Geographic Areas to be Served: The areas to be served include the following : Elder Homes Corporation: Counties of Charles City, Chesterfield, Goochland,

**U.S. Department of Energy**

**WEATHERIZATION ANNUAL FILE WORKSHEET (cont)**

**Identification: EE0000193**

**State: VA**

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**Budget period: 04/01/2009 - 03/31/2012**

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Hanover, Henrico, New Kent and Powhatan; City of Richmond.  
People Inc.: Counties of Buchanan and Washington; City of Bristol.

Total Action Against Poverty: Counties of Alleghany, Bath, Botetourt, Craig, Roanoke and Rockbridge; Cities of Buena Vista, Clifton Forge, Covington, Lexington, Roanoke and Salem

7. Client Education: The subgrantee will give the client all the information necessary on how to properly utilize and understand the SERC measures installed.

8. Energy-Related Health and Safety Costs: While mere installation of a new energy efficient measures may address a previously existing health and safety issue, the grantee and subgrantee estimate an average of \$1300.00 per unit in addressing health and safety concerns that may exist or arise from the installation of SERC measures. If excess health and safety funds exist, the grantee will request from the grantor that funds budgeted under health and safety be reprogrammed to program operations.

**APPLICATION FOR FEDERAL ASSISTANCE SF-424**

Version 02

<b>1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		<b>2. Type of Application:</b> <input type="checkbox"/> New <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Revision		<b>If Revision, select appropriate letter(s)</b> <b>Increase Duration</b> Other (specify):	
<b>3. Date Received</b> 11/15/2010			<b>4. Applicant Identifier:</b>		
<b>5a. Fed Entity Identifier:</b>			<b>5b. Federal Award Identifier:</b> DE-EE0000193 (SF424 revision 4)		
<b>State Use Only:</b>					
<b>6. Date Received by State:</b>			<b>7. State Application Identifier:</b>		
<b>8. APPLICANT INFORMATION:</b>					
<b>a. Legal Name:</b> Virginia, Commonwealth of					
<b>b. Employer/Taxpayer Identification Number (EIN/TIN):</b> 541083047			<b>c. Organizational DUNS:</b> 809391881		
<b>d. Address:</b>					
Street 1: 600 E. Main St.					
Street 2: Suite 300					
City: Richmond					
County:					
State: VA					
Province:					
Country: U.S.A.					
Zip / Postal Code: 232191321					
<b>e. Organizational Unit:</b>					
Department Name: Dept. of Housing & Com Dev			Division Name: Division of Housing		
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>					
Prefix: First Name:					
Middle Name:					
Last Name:					
Suffix:					
Title:					
Organizational Affiliation:					
Telephone Number:			Fax Number:		
Email:					

**APPLICATION FOR FEDERAL ASSISTANCE SF-424**

Version 02

**9. Type of Applicant:**

A State Government

**10. Name of Federal Agency:**

U. S. Department of Energy

**11. Catalog of Federal Domestic Assistance Number:**

81.042

CFDA Title:

Weatherization Assistance for Low-Income Persons

**12. Funding Opportunity Number:**

DE-FOA-0000051

Title:

Recovery Act - WAP Formula Grants

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Statewide

**15. Descriptive Title of Applicant's Project:**

The Weatherization Assistance Program enables low-income families to permanently reduce their energy bills by making their homes more energy efficient. During the last 32 years, the U.S. Department of Energy 's (DOE) Weatherization Assistance Program has provided weatherization services to more than 6.2 million low-income families.



**BUDGET INFORMATION - Non-Construction Programs**

1. Program/Project Identification No. EE0000193		2. Program/Project Title The Weatherization Assistance Program enables low-income families to permanently reduce their energy bills by making their homes more energy efficient. During the last 32 years, the U.S. Department of Energy's (DOE) Weatherization Assistance Program has provided weatherization services to more than 6.2 million low-income families.	
3. Name and Address Virginia, Commonwealth of 501 North Second Street Richmond VA 23219-1321		4. Program/Project Start Date 04/01/2009	5. Completion Date 03/31/2012

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. DOE	81.042	\$ 0.00		\$ 98,634,276.00		\$ 98,634,276.00
2. STATE			\$ 0.00		\$ 0.00	\$ 0.00
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 98,634,276.00	\$ 0.00	\$ 98,634,276.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) GRANTEE ADMINISTRATION	(2) SUBGRANTEE ADMINISTRATION	(3) GRANTEE T&TA	(4) SUBGRANTEE T&TA	
a. Personnel	\$ 918,200.00	\$ 0.00	\$ 592,874.00	\$ 0.00	\$ 1,526,823.00
b. Benefits	\$ 275,460.00	\$ 0.00	\$ 177,862.00	\$ 0.00	\$ 458,046.00
c. Travel	\$ 146,480.00	\$ 0.00	\$ 75,250.00	\$ 0.00	\$ 228,810.00
d. Equipment	\$ 101,404.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 101,404.00
e. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
f. Contract	\$ 0.00	\$ 4,706,723.00	\$ 12,017,410.00	\$ 1,570,000.00	\$ 95,094,226.00
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
h. Other	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 186,655.00
i. Total Direct Charges	\$ 1,441,544.00	\$ 4,706,723.00	\$ 12,863,396.00	\$ 1,570,000.00	\$ 97,595,964.00
j. Indirect	\$ 624,376.00	\$ 0.00	\$ 403,154.00	\$ 0.00	\$ 1,038,312.00
k. Totals	\$ 2,065,920.00	\$ 4,706,723.00	\$ 13,266,550.00	\$ 1,570,000.00	\$ 98,634,276.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

**BUDGET INFORMATION - Non-Construction Programs**

1. Program/Project Identification No. EE0000193		2. Program/Project Title The Weatherization Assistance Program enables low-income families to permanently reduce their energy bills by making their homes more energy efficient. During the last 32 years, the U.S. Department of Energy's (DOE) Weatherization Assistance Program has provided weatherization services to more than 6.2 million low-income families.	
3. Name and Address Virginia, Commonwealth of 501 North Second Street Richmond VA 23219-1321		4. Program/Project Start Date 04/01/2009	5. Completion Date 03/31/2012

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.						
2.						
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 98,634,276.00	\$ 0.00	\$ 98,634,276.00

SECTION B - BUDGET CATEGORIES						
6. Object Class Categories	Grant Program, Function or Activity				Total (5)	
	(1) PROGRAM OPERATION S	(2) HEALTH AND SAFETY	(3) VEHICLES AND EQUIPMENT	(4) LIABILITY INSURANCE		
a. Personnel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,526,823.00	
b. Benefits	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 458,046.00	
c. Travel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 228,810.00	
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 101,404.00	
e. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
f. Contract	\$ 64,670,873.00	\$ 7,150,000.00	\$ 0.00	\$ 654,720.00	\$ 95,094,226.00	
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
h. Other	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 186,655.00	
i. Total Direct Charges	\$ 64,670,873.00	\$ 7,150,000.00	\$ 0.00	\$ 654,720.00	\$ 97,595,964.00	
j. Indirect	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,038,312.00	
k. Totals	\$ 64,670,873.00	\$ 7,150,000.00	\$ 0.00	\$ 654,720.00	\$ 98,634,276.00	
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

**BUDGET INFORMATION - Non-Construction Programs**

1. Program/Project Identification No. EE0000193		2. Program/Project Title The Weatherization Assistance Program enables low-income families to permanently reduce their energy bills by making their homes more energy efficient. During the last 32 years, the U.S. Department of Energy's (DOE) Weatherization Assistance Program has provided weatherization services to more than 6.2 million low-income families.	
3. Name and Address Virginia, Commonwealth of 501 North Second Street Richmond VA 23219-1321		4. Program/Project Start Date 04/01/2009	5. Completion Date 03/31/2012

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.						
2.						
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 98,634,276.00	\$ 0.00	\$ 98,634,276.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) LEVERAGING	(2) FINANCIAL AUDITS	(3) SERC Grantee Administration	(4) SERC Subgrantee Administration	
a. Personnel	\$ 0.00	\$ 0.00	\$ 15,749.00	\$ 0.00	\$ 1,526,823.00
b. Benefits	\$ 0.00	\$ 0.00	\$ 4,724.00	\$ 0.00	\$ 458,046.00
c. Travel	\$ 0.00	\$ 0.00	\$ 7,080.00	\$ 0.00	\$ 228,810.00
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 101,404.00
e. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
f. Contract	\$ 0.00	\$ 49,500.00	\$ 0.00	\$ 225,000.00	\$ 95,094,226.00
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
h. Other	\$ 0.00	\$ 0.00	\$ 186,655.00	\$ 0.00	\$ 186,655.00
i. Total Direct Charges	\$ 0.00	\$ 49,500.00	\$ 214,208.00	\$ 225,000.00	\$ 97,595,964.00
j. Indirect	\$ 0.00	\$ 0.00	\$ 10,782.00	\$ 0.00	\$ 1,038,312.00
k. Totals	\$ 0.00	\$ 49,500.00	\$ 224,990.00	\$ 225,000.00	\$ 98,634,276.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

**BUDGET INFORMATION - Non-Construction Programs**

1. Program/Project Identification No. EE0000193		2. Program/Project Title The Weatherization Assistance Program enables low-income families to permanently reduce their energy bills by making their homes more energy efficient. During the last 32 years, the U.S. Department of Energy's (DOE) Weatherization Assistance Program has provided weatherization services to more than 6.2 million low-income families.	
3. Name and Address Virginia, Commonwealth of 501 North Second Street Richmond VA 23219-1321		4. Program/Project Start Date 04/01/2009	5. Completion Date 03/31/2012

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.						
2.						
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 98,634,276.00	\$ 0.00	\$ 98,634,276.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) SERC Health and Safety	(2) SERC Program Operations	(3)	(4)	
a. Personnel	\$ 0.00	\$ 0.00			\$ 1,526,823.00
b. Benefits	\$ 0.00	\$ 0.00			\$ 458,046.00
c. Travel	\$ 0.00	\$ 0.00			\$ 228,810.00
d. Equipment	\$ 0.00	\$ 0.00			\$ 101,404.00
e. Supplies	\$ 0.00	\$ 0.00			\$ 0.00
f. Contract	\$ 450,000.00	\$ 3,600,000.00			\$ 95,094,226.00
g. Construction	\$ 0.00	\$ 0.00			\$ 0.00
h. Other	\$ 0.00	\$ 0.00			\$ 186,655.00
i. Total Direct Charges	\$ 450,000.00	\$ 3,600,000.00			\$ 97,595,964.00
j. Indirect	\$ 0.00	\$ 0.00			\$ 1,038,312.00
k. Totals	\$ 450,000.00	\$ 3,600,000.00			\$ 98,634,276.00
7. Program Income	\$ 0.00	\$ 0.00			\$ 0.00