

**U.S. Department of Energy  
WEATHERIZATION ANNUAL FILE WORKSHEET**

**Grant: EE00183**

**Amendment: 000**

**State: HI**

**Program year: 2009**

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

**II.3 Subgrantees**

Grantee	City	Tentative	
		Funding	Units
Honolulu Community Action Program, Inc.	Honolulu	1,280,461.00	182
Maui Economic Opportunity, Inc. (Kahului, Hilo, and Lihue)	Kahului	2,500,000.00	490
.			
<b>TOTALS</b>		<b>3,780,461.00</b>	<b>672</b>

**II.4 WAP Production Schedule**

<b>Total Units (excluding reweatherized)</b>	<b>672</b>
Units by type (excluding reweatherized):	
Owner-occupied single-family site-built	
Single-family rental site-built	
Multi-family	
Owner-occupied mobile home	
Renter-occupied mobile home	
Shelter	
Units by occupancy:	
Elderly	
Persons with disabilities	
Native American	
Children	
High residential energy user	
Household with a high energy burden	
Other unit types:	
<b>Rewatherized Units</b>	<b>0</b>

## U.S. Department of Energy

**WEATHERIZATION ANNUAL FILE WORKSHEET (continued)** Expiration Date: 6-30-08

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Average Unit Costs, including Reweathering, Subject to DOE Program Rules		
VEHICLES & EQUIPMENT AVERAGE COST PER DWELLING UNIT (DOE RULES)		
A	Total Vehicles & Equipment (\$5,000 or more) Budget	
B	Total Units Weatherized	672
C	Total Units Reweatherized	0
D	Total Dwelling Units to be Weatherized and Reweatherized (B + C)	672
E	Average Vehicle & Equipment Acquisition Cost per Unit (A divided by D)	\$0.00
AVERAGE COST PER DWELLING UNIT (DOE RULES)		
F	Total Funds for Program Operations	\$3,359,990.00
G	Total Dwelling Units to be Weatherized and Reweatherized (from line D)	672
H	Average Program Operations Cost per Unit (F divided by G)	\$4,999.85
I	Average Vehicle & Equipment Acquisition Cost per Unit (from line E)	\$0.00
J	Total Average Cost per Dwelling (H plus I)	\$4,999.85

**II.5 Energy Savings**

Method used to calculate energy savings:

WAP algorithm

Other (describe below)

672 units x 30.5 MBtu per dwelling = 20,496 MBtu

Estimated energy savings: 20,496 (MBtu)

Estimated prior year savings:

Actual: 0

If variance is large, explain:

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

For the ARRA grant award, the training and technical assistance (T/TA) funding total is \$286,966. The funds will be used for training, program monitoring, energy auditing, energy monitoring, peer exchange meetings, and attendance at both the annual National Weatherization Conference and the National Association for State Community Services Programs Training Conference. In addition, the Office of Community Services will sponsor a WAP Warm Weather Conference for approximately 150 attendees from the Mainland USA and from the Territories.

Due to the increase in WAP funds via the economic stimulus package, the Office of Community Services will work with the Department of Business, Economic Development and Tourism (DBEDT) and the Department of Hawaiian Homelands to assist low-income families with energy savings. To assure a higher level of accountability, OCS is using additional funds for field and program management monitoring personnel.

## U.S. Department of Energy

**WEATHERIZATION ANNUAL FILE WORKSHEET (continued)** Expiration Date: 6-30-08**Grant: EE00183****Amendment: 000****State: HI****Program year: 2009****Budget period: 04/01/2009 - 03/31/2012**

The Training and Technical Assistance Plan will identify and address the needs of the sub-grantees in areas of improving program management and technical skills, especially as it affects meeting the goals of monthly household completions. Sharing of information among the sub-grantees will continue to be encouraged and facilitated through peer exchange meetings. The sub-grantees will be encouraged to send staff to the proposed Warm Weather Conference in Honolulu and the National Weatherization Conference to learn more about weatherization issues and possibly generate ideas of how the Hawaii program can be enhanced and improved.

The State Monitoring Plan will focus on sub-grantee administrative and management issues. Some focus will be tailored to address unique issues to individual providers and its regional needs. The sub-grantees will submit monthly production and financial reports to assure project progress. The sub-grantees will be reimbursed based on the number of completions and program expenditures reported.

### **ARRA Ramp-up**

As part of the ARRA ramp-up requirement, sub-grantees have put assurances in place to accommodate the increase in production. The Honolulu Community Action Program (HCAP), Inc. is planning to contract with approximately ten different contractors in an effort to increase the weatherization workforce, and meet the production deadline. Via the increase in new contractors, HCAP is also planning to train forty new workers in weatherization methods. Furthermore, HCAP is planning to sub-contract with a local energy consultant, Kanu Hawaii, for energy audit development, program quality assurance, and energy education curriculum development.

The Maui Economic Opportunity Inc. (MEO) is planning to implement a weatherization apprenticeship program on both Hawaii Island and Maui Island which will produce thirty-one new workers. MEO is also planning to produce an additional twenty-seven new workers through contracts with local solar installation and electrician contractors. The projected start date for HCAP's contract is June 15, 2009 with an end date of September 30, 2010 (a fifteen month contract period). The projected start date for MEO is June 17, 2009 with an end date of September 30, 2010. For both HCAP and MEO, there is the possibility of two nine month extensions.

The WAP Program Manager will be responsible for making on-site visits and scheduling meetings with the sub-grantees. The program monitoring shall be performed at least three times during the program year for each sub-grantee. In addition, fiscal monitoring will be performed at least once during the program year by the Accountant. The projected on-site monitoring schedule is as follows:

County of Kauai: August 2009, November 2009, March 2010, July 2010, October 2010  
 County of Maui: August 2009, November 2009, March 2010, July 2010, October 2010  
 County of Hawaii: September 2009, December 2009, April 2010, August 2010, October 2010  
 City and County of Honolulu: September 2009, December 2009, April 2010, August 2010, October 2010

## U.S. Department of Energy

**WEATHERIZATION ANNUAL FILE WORKSHEET (continued)** Expiration Date: 6-30-08

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corrective action(s), and a request for documentation to determine compliance. It will be the Program Manager's responsibility to follow up on the deficiency notice to ensure corrective action is taken.

**II.7 DOE-Funded Leveraging Activities**

The Office of Community Services encourages sub-grantees to participate in leveraging activities through collaboration and partnership with private and public sources.

In addition, the current grant requires leveraging partnerships with local utility companies which have rebate programs established for residential solar water heating systems. The programs are designed to conform to applicable local building codes, standards and specifications for installation. All standards and specifications must be met prior to installations of the systems for the rebate to occur.

The utility companies have a list of local contractors certified to perform solar installations. Rebates range from \$750 to \$1,000 for each solar system. The costs of the systems are shared by both the sub-grantee and the utility company. Payments for the completed systems are made directly to the contractor by both the sub-grantee and utility company.

OCS-DLIR will oversee the implementation of a Memorandum of Agreement (MOA) with DBEDT the Public Utilities Commission, and the Science Application International Corporation (SAIC) to provide the installation of additional energy saving devices into low-income homes

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

Hawaiian Electric Company (HECO)	
Hawaii Electric Company (HELCO)	Mino Ceria
Maui Electric Company (MECO for Maui and Lanai)	Joanne Ide
State of Hawaii-DBEDT	Ted Peck
Kaua'i Island Utility Cooperative	
Kanu Hawaii	Olin Lagon

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

Hearing Date
04/03/2009

Newspapers that publicized the hearings and the dates that the notice ran.

West Hawaii Today, 02/12/2009, Kailua-Kona, Hawaii 96745-0789  
Hawaii Tribune, 02/12/2009, Hilo, Hawaii 96721-0767  
The Garden Island, 02/12/2009, Lihue, Kauai, Hawaii 96766  
The Maui News, 02/12/2009, Wailuku, Maui, Hawaii 96793-0550  
Star-Bulletin

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

None. Master File was Updated.

**U.S. Department of Energy**

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**II.11 Miscellaneous**