



Electric Utility Commission Resource Management Commission

American Reinvestment and Recovery Act Weatherization Assistance Briefing

*For your information;
not presented as an oral briefing*
March 21, 2011

Karl R. Rábago
Vice President, Distributed Energy Services
karl.rabago@austinenergy.com



ARRA

Weatherization Assistance Program

Purpose

- Assist lower-income households and homes with higher energy burden
- Reduce residential energy costs
- Increase the energy efficiency of dwellings
- Improve home health and safety for the elderly, persons with disabilities, and families with young children

Weatherization Assistance Program Guidelines

- Serve households at or below 200% of Federal Poverty Income Guideline
- \$6,500 maximum spend per home
 - Labor, materials, health/safety, and program support
 - Health/safety limited to 20%
 - Administrative limited to 5%
- Two-year program: ends August 2011



ARRA

Weatherization Assistance Program

- \$5.9 Million ARRA Grant Accepted by City Council
 - TDHCA Distributed Half Up Front - \$2.9 Million
- City Council Authorized Three Solicitations to Support ARRA Grant
 - Test In - \$450,000
 - Weatherization Work - \$4,825,490.00
 - Test Out - \$250,000.00
- Estimated Weatherization of 1,000 Homes

ARRA



Weatherization Assistance Program

Budget Category	Current Grant Funding	Additional Grant Funding	Total Value of Grant
Administration	\$292,298.00	\$74,000.00	\$366,298.00
Liability/Insurance	\$26,182.00	\$-	\$26,182.00
Audit	\$2,000.00	\$-	\$2,000.00
Materials/Labor/Program Support	\$4,420,391.00	\$1,833,415.00	\$6,253,806.00
Health and Safety	\$1,105,098.00	\$203,685.00	\$1,308,783.00
Training and Tech Assistance	\$123,805.00	\$10,000.00	\$133,805.00
Total	\$5,969,774.00	\$2,121,100.00	\$8,090,874.00

Weatherization Assistance Program

Additional Funding Provides

- Additional 460 Test-In Assessments
 - Total 1,730 Test-In Assessments
- Additional 469 Homes Weatherized
 - Total 1,706 Homes Served
- Additional 712 Test-Out Assessments
 - Total 1,712 Test-Out Assessments



ARRA

Weatherization Assistance Program

100 % of Work Receives A Final Inspection

- **Conducted 811 Inspections**
 - 243 Failed Initial Inspection (30% Failure Rate)
- **243 Failed Inspections**
 - 31 Failed Second Inspection (13% Failure Rate)
- **118 Outstanding Failed Inspections**
 - 82 Failed Initial Inspection
 - 36 Failed Second Inspection

Causes for failures range from as minor as missing CFLS to major issues such as materials not installed or substandard work.

Weatherization Assistance Program

Steps Taken to Reduce Failures

- Monthly Contractors Meetings
- Assigning AE Staff to Accompany Contractors onsite
- Coordinated Inspections with Contractors Present

Impact:

- 50% Reduction in Failures From January to February
- 50% Reduction in Failures From February to March

ARRA



Weatherization Assistance Program

ARRA Weatherization Contractors - Cumulative File Distribution

Contractor	# of Jobs Completed and Paid	Amt Paid for completed jobs	Ave cost/job completed and paid	% of Jobs completed and paid		# of Jobs assigned but not paid	Value of jobs assigned but not Completed/Paid	Total # Jobs Assigned to Contractor	% of total Jobs assigned to contractors	# of Jobs Above or Below Ave (185)	Total Value of All Jobs Assigned to Contractor	% of Dollars Allocated to Contractor
AIRTECH	61	\$ 190,442.66	\$ 3,122.01	10%		88	\$272,615.45	149	13%	(36)	\$ 463,058.11	13%
Climate Mechanical	136	\$ 476,898.22	\$ 3,506.60	22%		67	\$221,238.70	203	18%	18	\$ 698,136.92	19%
Go Green	88	\$ 241,909.80	\$ 2,748.98	14%		79	\$261,508.68	167	15%	(18)	\$ 503,418.48	14%
McCullough**	142	\$ 515,173.33	\$ 3,627.98	23%		80	\$301,481.05	222	20%	37	\$816,654.38	22%
Valdez	95	\$ 290,392.73	\$ 3,056.77	15%		88	\$301,863.17	183	16%	(2)	\$ 592,255.90	16%
WMG	102	\$ 332,774.82	\$ 3,262.50	16%		87	\$262,448.35	189	17%	4	\$ 595,223.17	16%
	624	\$ 2,047,591.56	\$ 3,281.40	100%		489	\$1,621,155.40	1,113	100%		\$ 3,668,746.96	

**22 Heat pump units assigned to McCullough on Aug 3, 2010 valued at \$96K based on ability to perform scope of work at contract price

ARRA



Weatherization Assistance Program

Test-In Assessments Assigned to Auditors

	2010									2011								
Month	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	TOTAL
	9	59	63	142	159	206	247	120	171	88	51	143						1458

Weatherization Jobs Assigned to Contractors

	2010									2011								
Month	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	TOTAL
	5	18	54	38	78	201	169	241	114	97	67	90						1172

Test-Out (Final Inspection) Assessments Assigned to Auditors

	2010									2011								
Month	April	May	June	July	August	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	TOTALS
		2	27	18	30	75	163	131	113	135	91	26						811

Questions



Contact Information:

Karl R. Rábago

Distributed Energy Services

512.322.6098

karl.rabago@austinenergy.com

Steve Saenz

Energy Efficiency Services

512.482.5325

steve.saenz@austinenergy.com

Joe Guerrero

Energy Efficiency Services

512.482.5394

joe.guerrero@austinenergy.com

