Application No.: __ Exhibit No.: __ Witnesses:

A.08-05-026 SCE-1 J. Nall M. Brown J. Holmes



An EDISON INTERNATIONAL Company

(U 338-E)

Errata – Testimony of Southern California Edison Company in Support of Application for Approval of Low-Income Assistance Programs and Budgets for Program Years 2009 through 2011

Before the

Public Utilities Commission of the State of California

Rosemead, California July 16, 2008 • Analysis of how Assembly Bill (AB) 1109 may affect their programs and the deployment of compact fluorescent lights (CFLs) in California.

SCE is proposing a portfolio that includes cost-effective measures for all eligible customers. The portfolio is augmented by measures that will produce long-term and enduring savings, such as cooling measures, which help promote the comfort, health and safety of eligible low-income customers. SCE's proposed LIEE program is designed to achieve 1/4th of the Programmatic Initiative by December 2011, and will provide enduring savings. To achieve the Programmatic Initiative, SCE is requesting a three-year program budget of \$165 million. The request is 64% larger on an annualized basis than SCE's authorized 2007 and 2008 LIEE program budgets. The increased program budget, together with leveraging the resources of other entities such as California Department of Community Services and Development's (DCSD) Low-Income Home Energy Assistance Program (LIHEAP) service providers and improving integration with SCE's energy efficiency and demand-side programs, will enable SCE to provide the measures and reach the number of homes required to achieve 1/4th of the Programmatic Initiative and achieve the MWh savings and MW demand reduction as indicated in Table I-1.

Table I-1

Program			Annual	
Year	Homes	Budget	MWh	MW
2009	75,243	\$53,594,000	29, 605 <u>724</u>	11.0 9.6
2010	75,243	\$54,783,000	32,992 29,743	12.2 9.7
2011	75,243	\$56,633,000	33,031 29,767	12.4 9.9
3-Years	225,729	\$165,010,000	95,628 89,234	35.6 29.1

Providing all eligible customers the opportunity to participate by 2020 will require SCE to become more creative in its implementation of all aspects of its low-income assistance programs. SCE is, among other things, proposing to retool its LIEE customer education package and employ advanced marketing, education, and outreach strategies in order to reach customer segments with specific language preferences. SCE will differentiate the message according to factors including geography/climate, electricity consumption, density, housing type, owners, and renters.

For 2009 to 2011, SCE is proposing budgets that will target specific segments to receive LIEE services. In particular, SCE is proposing specific budgets to target customers according to where they

Figure I-1
2009-2011 SCE LIEE Program Measure
And Installation Costs (\$ Millions) by Measure Group
(Total = \$118.1 Million)

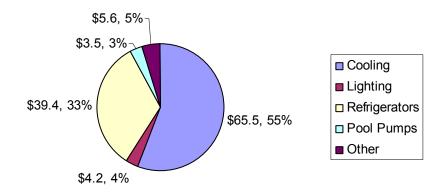


Figure I-2
2009-2011 SCE LIEE Program
Annual MWh Savings by Measure Group
(Total = 95,62889,234 MWh)

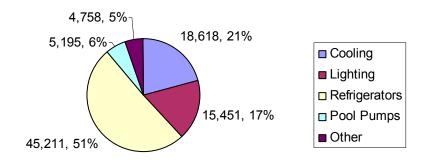
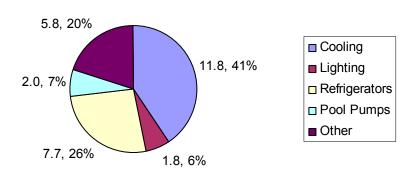


Figure I-3 2009-2011 SCE LIEE Program Annual MW Reduction by Measure Group (Total = 35.729.1 MW)



1

2

3

Finally, SCE jointly held⁴ and participated in⁵ public workshops to ensure that all stakeholders had an opportunity to comment on the proposed plans of SCE, PG&E, SDG&E and SoCalGas for the 2009-2011 budget cycle.

SCE's 2009, 2010 and 2011 LIEE program was discussed during a workshop that was noticed and held jointly with SoCalGas in Downey, California on March 12, 2008.

For example, SCE participated in a number of public workshops in connection with the California Energy Efficiency Strategic Plan (CEESP) that discussed LIEE programs and workshops relating to among other things, cost-effectiveness and LIEE program delivery.

MPT. The benefit cost ratio for the UCT test consists of the NPV of avoided cost savings for the utility plus the utility NEBs in the numerator, and the cost of the program (both measure installation and non-installation costs) in the denominator. For measure level benefit cost ratios, the non-installation costs were allocated based on the energy savings of the measure.

The TRC test was conducted using the E3 Calculator for 2009 to 2011 programs. The E3 Calculator provides program level results and measure-specific results with non-installation costs allocated based on the energy savings of the measure. The TRC test does not include NEBs, so in this respect it is not comparable to the results of the MPT and the UCT.

More information on cost-effectiveness is provided in Attachments A-5, A-6, and A-7. The cost-effectiveness results vary by measure type, climate zone, housing type, and the specific test. Some measures pass all three tests, some pass one or two, and others do not pass any of the tests. Measures that do not pass cost-effectiveness are being proposed in order to provide health, safety, comfort, and/or bill savings to participating customers. SCE's overall program cost-effectiveness using the three tests is presented in Table IV-4.

Table IV-4
SCE Budget Highlights

Program		Annual Benefit / Cost Ra					
Year	Homes	Budget	MWh	MW	MPT	UC	TRC
2009	75,243	\$53,594,000	29,724	9.6	0.70	0.74	0.58
2010	75,243	\$54,783,000	29,743	9.7	0.74	0.73	0.57
2011	75,243	\$56,633,000	29,767	9.9	0.78	0.72	0.55
3-Years	225,729	\$165,010,000	89,234	29.1	0.74	0.73	0.56

Modified Participant Test:

Air-conditioning servicing, duct sealing and testing, refrigerators, torchieres, CFLs, pool pumps, and water conservation measures are cost-effective across all housing types and climate zones. All other measures—Duct sealing and testing, refrigerators, envelope and air sealing, and pool pumps are cost-effective in some housing types and climate zones. The remaining measures are not cost-effective in any climate zone or housing type., with the exception of new air-conditioners that would be provided as new construction measures.

Utility Cost Test:

Air-conditioner servicing, <u>water conservation measures</u>, CFLs and torchieres are cost-effective across all climate zones and housing types. <u>Water conservation</u>, <u>duck dDuct</u> sealing and testing <u>is</u> almost always <u>are</u> cost-effective. Air-conditioners provided as replacements or through new construction, envelope and air sealing, evaporative coolers, <u>evaporative cooler maintenance</u>, <u>and</u> heat pumps, and pool pumps are not cost-effective in any climate zone or housing type.

Total Resource Cost Test:

Air-conditioner servicing, CFLs, and torchieres are cost-effective across all climate zones and housing types. Water conservation and, duct sealing and testing, frequently are cost-effective. Air-conditioners provided as replacements or through new construction, envelope and air sealing, evaporative coolers, evaporative cooler maintenance, refrigerators, pool pumps, and heat pumps are not cost-effective in any climate zone or housing type.

B. <u>Impact Evaluations</u>

Savings factors identified in the 2005 Impact Evaluation²⁴ were used to determine cost-effectiveness and estimate potential savings applied to the 2009-2011 LIEE programs.

1. Background

Previous impact evaluations were conducted for program years 1998, 2000, 2001 and 2002. D.03-10-041 specified that impact evaluations should take place every two years. However, the LIEE impact evaluation for program year 2002 recommended modifications to the data collection for improving future impact evaluations, and given the lead time required to make these changes, the impact evaluation originally to be conducted for program year 2004 was postponed until program year 2005.

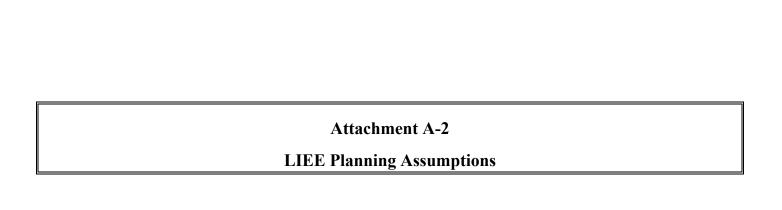
The previous four LIEE evaluations were based on billing analyses, a decision that was largely dictated by the availability of data, time frame and budget. However, there were ongoing issues with lack of critical data at the program level and concerns about the influence of external, non-program influences. The period of 2000 to 2003 encompassed the 2001 California energy crisis and was

Impact Evaluation of the 2005 California Low-Income Energy Efficiency Program, Final Report, dated December 19, 2007, and revised January 10, 2008 (West Hill Energy & Computing, Inc.).

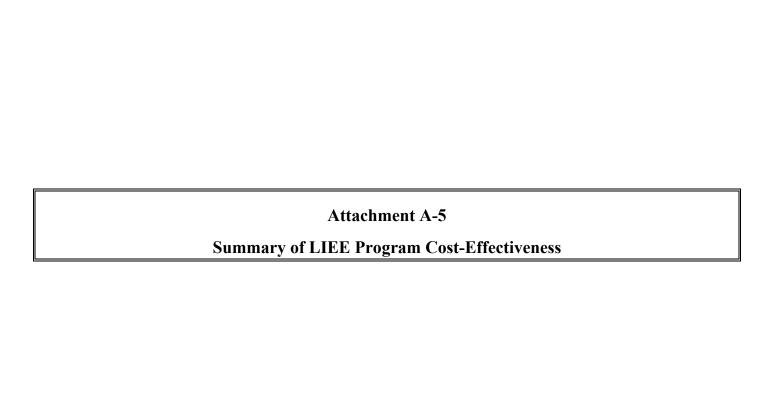
Table V-8
Measurement & Evaluation of LIEE Program - SCE

Statewide Studies	Total Cost	SCE	SCE Cost
		Share	
Impact Evaluation of the 2010 LIEE Program	\$600,000	30%	\$180,000
Process Evaluation of the 2009 LIEE Program	\$250,000	30%	\$75,000
Non-Energy Benefits Study	\$300,000	30%	\$90,000
Refrigerator Degradation EUL Study	\$200,000	33.33%	\$67,000
LIEE Household Segmentation Study	\$200,000	30% 40%	\$80,000
Sub Total	\$1,550,000		\$492,000
SCE Specific Study			
High Use CARE Customer Study	\$200,000	100%	\$200,000
Total	-\$1,750,000		692,000

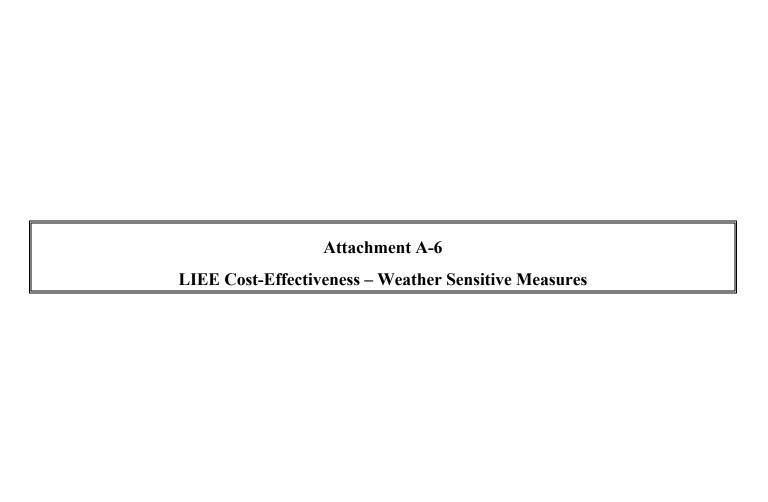
67



	A	В	С	D	E	F	Н		J	K	M	N	0	Р	R	S	Т	U	W
1							PY 200			-	umptions								
2								Souther	n Californi	a Edisc	on								
3							40												
4		2009-201			PY 2008 A	uthorized	l ¹²	PY 2009 Planned				PY 2010	Planned			PY 2011	Planned		
5		Impact Estimate			Annu	al			Annual				Annu	al			Quantity Annual		
-				Quantity			Projected	Quantity			Projected	Quantity			Projected	Quantity			Projected
6 7	Measures*	Units & So	urce	Installed	kWh	kW	Expenses	Installed	kWh	kW	Expenses	Installed	kWh	kW	Expenses	Installed	kWh	kW	Expenses
	Heating Systems Furnaces	Each	1	1	0	0		418	0	0	501,565	418	0	0	501,565	418	0	0	501,565
_	Cooling Measures	Lacii						410			301,303	710		_	301,303	710		, v	301,303
	A/C Replacement - Room	Each	[1]	1,011	231,607	51	778,052	816	95,448	110	614,645	816	95,448	110	614,645	756	88,156	101	569,451
11	A/C Replacement - Central	Each	[6]	1,783	519,655	107	5,832,692	4,080	2,533,579	2,138	12,315,179	4,580	2,553,129	2,241	13,315,179	5,580	2,592,244	2,448	15,314,262
	A/C Tune-up - Central	Each		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	A/C Services - Central	Each	[3]	1,500	405,000	12	225,000	1,500 100	1,615,373	1,160	225,000		1,615,373	1,160	225,000	1,500 100	1,615,373	1,160	225,000
	Heat Pump Evaporative Coolers	Each	[4] [1]	192 6,710	55,958 1,912,751	403	433,810 5,901,702	7,982	79,401 1,719,790	32 363	301,843 6,863,434	7,982	79,401 1,719,790	32 363	301,843 6,883,211	7,930	79,401 1,711,650	32 361	301,843 6,818,721
	Evaporative Coolers Evaporative Cooler Maintenance	Each Each	[5]	4.000	217,520	403	300,000	2.000	141.460	0	150,000		141.460	0	150.000	2.000	141,460		150,000
	Infiltration & Space Conditioning	Luon	161	.,000	2,520	~	555,000	2,000	, +00		.55,566	2,000	, 100		.55,566	2,000	, +00		.55,566
	Envelope and Air Sealing Measures ¹⁰	Home	[1]	1,336	12,811	0	[13]	1,377	72,655	285	481,950	1,377	72,655	285	481,950	1,377	72,655	285	481,950
	Duct Sealing	Home	[6]	0	0	0	[13]	3,986	1,101,560	1,568	757,340	3,986	1,101,560	1,568	757,340	3,986	1,101,560	1,568	757,340
	Attic Insulation	Home		2	1,590	0	[13]	0	0	0	0	0	0	0	0	0	0	0	0
-	Water Heating Measures		£43	4 400	20.115	0.4		4.070	444.000		105.010	4.070	444.000		105.010	4.070	444.000		105.010
	Water Heater Conservation Measures 11 Water Heater Replacement - Gas	Home Each	[1]	1,192 0	96,115 0		[13]	1,376	411,662	90	125,216 0	,	411,662 0	90	125,216 0	,	411,662	90	125,216
_	Water Heater Replacement - Gas Water Heater Replacement - Electric	Each		0	0	·	0	0	0	0	0		0	0	0	Ŭ	0		0
25	Tankless Water Heater - Gas	Each		0	0	-	0	0	0	0	0		0	v	0	-	0		0
26	Tankless Water Heater - Electric	Each		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lighting Measures																		
	CFLs	Each	[1]	194,127	4,290,197	0	1,482,642	277,431	4,438,896	555	1,206,825	277,431	4,438,896	555	1,206,825	277,431	4,438,896	555	1,206,825
	Interior Hard wired CFL fixtures Exterior Hard wired CFL fixtures	Each	[7]	0 648	22,239	0	55.444	940	238,854	0	70,000	940	238,854	0	70,000	940	000.054	0 0	79.900
	Torchiere	Each Each	[8]	048	22,239	0	55,111	2,475	472,725	47	79,900 99,000		472,725	47	79,900 99,000		238,854 472,725	_	99,000
	Refrigerators	Lacii	I [o] I	<u> </u>		. 0		2,475	712,120	7/	33,000	2,473	412,120	77	33,000	2,410	712,120	,	33,000
	Refrigerators -Primary	Each	[1]	16,913	12,796,904	2,706	10,919,558	17,141	12,917,550	2,192	11,244,027	17,141	12,917,550	2,192	11,244,218	17,141	12,917,550	2,192	11,244,218
	Refrigerators - secondary	Each	[1]	0	0	0	0	2,857	2,152,925	365	1,874,005	2,857	2,152,925	365	1,874,036	2,857	2,152,925	365	1,874,036
	Pool Pumps																		
	Pool Pumps	Each	[9]	213	279,609	41	170,623	1,237	1,731,800	668	1,162,780	1,237	1,731,800	668	1,162,780	1,237	1,731,800	668	1,162,780
49	New Measures					П													
_	Pilots																		
59																			
	Customer Enrollment																		
	Outreach & Assessment	Home		51,269	0		2,848,555	61,868	0	0	7,249,145		0	_	7,249,145		0		7,249,145
	In-Home Education Education Workshops	Home	\vdash	47,135	0	·	496,328	75,243	0	0	2,182,062	75,243	0	_	2,182,062	75,243	0		2,182,062
-		Participant	Щ	U	Ů	Ü	00.4	U	00.765.5		15 155 577	U	•	Ü	10 1	U		Ţ	50.0:5.5:
	Total				20,841,957	3,389	29,444,073		29,723,678	9,572	47,433,916		29,743,228	9,676	48,453,915		29,766,911	9,872	50,343,315
68																			
69	* Include all proposed new measures and																		1
70 71																			
73	[1] 2005 Low Income Load Impact Study			[6] 2005 Itron	Study with kW	scaled by D	EER		111 2008 data	listed are fo	r Showerheads on	ılv.							
	[2] DEER RSFm1375RSA13				Paper WPSCRI				-		rally greater than t	•	d in SCE's 2007	-2008					
	[3] SCE Work Paper WPSCREHC0016				es00AVTor70						01, in response to								
	[4] DEER RSFm1375RHP13				es00AVPOOL2				13] Not tracked	d at this leve	el on 2007-2008.]
77	[5] 2001 Low Income Load Impact Study			[10] 2008 data	a listed are for D	oor Weathe	rstripping.												



	Α	В	С	D										
1	Summary of LIEE Program Cost Effectiveness													
2	Southern California Edison													
3														
4		Ratio of Program Benefits over Program Costs												
5		Utility Cost Test	Modified Participant Test	Total Resource Cost Test										
6	PY 2008 ¹	0.59	1.29	0.52										
7	PY 2009	0.74	0.70	0.58										
8	PY 2010	0.73	0.74	0.57										
9	PY 2011	0.72	0.78	0.55										



	Α	В	С	D	E	F	G	Н	ı	J	K			
1		LIEE Cost-Effec								U				
								casur	7 3					
2		5	outner	n Call	fornia	Eaisor	1							
3														
4							enefits (
5				ty Cost	Test	Modifi	ed Parti	cipant	Total F	Resourc	e Cost			
	Roon	n Air Conditioner R	eplace	ment										
7	Singl	le Family, Electric												
9			2009	2010	2011	2009	2010	2011	2009	2010	2011			
10		Climate Zone 10	0.25	0.26	0.26	0.15	0.16	0.18	0.22	0.22	0.22			
11		Climate Zone 13	0.30	0.30	0.31	0.19	0.21	0.23	0.25	0.25	0.25			
12		Climate Zone 14	0.36	0.36	0.37	0.21	0.23	0.25	0.30	0.30	0.31			
13		Climate Zone 15	0.65	0.65	0.66	0.46	0.49	0.54	0.54	0.53	0.53			
14	Multifamily, Electric													
16			2009	2010	2011	2009	2010	2011	2009	2010	2011			
17		Climate Zone 10	0.09	0.09	0.09	0.05	0.05	0.06	0.08	0.08	0.08			
18		Climate Zone 13	0.10	0.10	0.11	0.06	0.07	0.08	0.08	0.09	0.09			
19		Climate Zone 14	0.13	0.14	0.14	0.08	0.09	0.10	0.11	0.11	0.12			
20		Climate Zone 15	0.23	0.24	0.25	0.17	0.18	0.20	0.19	0.19	0.20			
21	Mobile Home, Electric													
23			2009	2010	2011	2009	2010	2011	2009	2010	2011			
24		Climate Zone 10	0.25	0.25	0.26	0.12	0.14	0.15	0.22	0.22	0.22			
25		Climate Zone 13	0.29	0.29	0.30	0.16	0.18	0.20	0.24	0.25	0.25			
26		Climate Zone 14	0.37	0.38	0.38	0.21	0.23	0.25	0.32	0.32	0.32			
27		Climate Zone 15	0.59	0.59	0.60	0.40	0.43	0.47	0.49	0.49	0.49			
28	Centi	ral Air Conditioner	Replac	ement										
29	Singl	le Family, Electric												
31			2009	2010	2011	2009	2010	2011	2009	2010	2011			
32		Climate Zone 13	0.24	0.25	0.25	0.12	0.13	0.15	0.20	0.20	0.21			
33		Climate Zone 14	0.38	0.38	0.39	0.17	0.18	0.20	0.32	0.32	0.32			
34		Climate Zone 15	0.48	0.48	0.49	0.31	0.33	0.37	0.39	0.39	0.39			
	Multi	family, Electric												
37			2009	2010	2011	2009	2010	2011	2009	2010	2011			
38		Climate Zone 13	0.22	0.23	0.23	0.15	0.16	0.18	0.17	0.18	0.18			
39		Climate Zone 14	0.36	0.37	0.38	0.25	0.28	0.30	0.29	0.29	0.29			
40		Climate Zone 15	0.47	0.48	0.49	0.33	0.36	0.40	0.38	0.38	0.38			
41	Mobi	le Home, Electric												
43			2009	2010	2011	2009	2010	2011	2009	2010	2011			
44		Climate Zone 13	0.28	0.29	0.30	0.17	0.19	0.21	0.23	0.23	0.23			
45		Climate Zone 14		0.46	0.47	0.25	0.27	0.29	0.37	0.38	0.38			
46		Climate Zone 15	0.50	0.51	0.51	0.32	0.35	0.38	0.40	0.40	0.40			
		ral Air Conditioner	Service)										
48	Singl	le Family, Electric												
50			2009	2010	2011	2009	2010	2011	2009	2010	2011			
51		Climate Zone 13	1.76	1.70	1.68	1.32	1.39	1.49	1.49	1.42	1.37			
52		Climate Zone 14	1.61	1.56	1.54	1.23	1.30	1.40	1.36	1.29	1.26			
53		Climate Zone 15	1.87	1.80	1.78	1.60	1.69	1.81	1.54	1.46	1.41			
	Mobi	le Home, Electric												
56			2009	2010	2011	2009	2010	2011	2009	2010	2011			
57		Climate Zone 13	1.87	1.79	1.76	1.20	1.26	1.34	1.62	1.53	1.48			

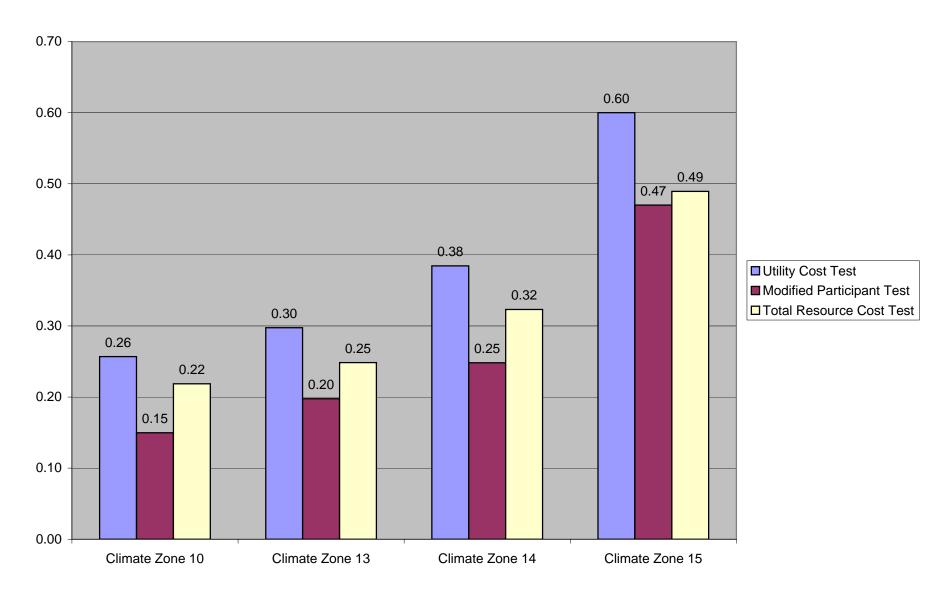
	Α	В	С	D	Е	F	G	Н	<u> </u>	J	K		
4	7.	٦					enefits (sts	Ū			
5			Utili	ty Cost			ed Parti			Resourc	e Cost		
113	Enve	lope and Air Sealin											
		le Family, Electric	3										
116	Cg.		2009	2010	2011	2009	2010	2011	2009	2010	2011		
117		Climate Zone 6	0.14	0.14	0.14	0.24	0.26	0.28	0.12	0.13	0.13		
118		Climate Zone 8	0.37	0.38	0.39	0.67	0.71	0.76	0.34	0.34	0.35		
119		Climate Zone 9	0.29	0.30	0.30	0.50	0.53	0.57	0.27	0.27	0.27		
120		Climate Zone 10	0.56	0.56	0.56	0.90	0.96	1.02	0.51	0.51	0.51		
121		Climate Zone 13	0.56	0.56	0.57	0.92	0.98	1.04	0.51	0.51	0.51		
122		Climate Zone 14	0.58	0.58	0.59	0.94	1.00	1.06	0.54	0.53	0.53		
123		Climate Zone 15	0.31	0.31	0.31	0.49	0.53	0.57	0.28	0.28	0.29		
124		Climate Zone 16	0.34	0.34	0.35	0.48	0.52	0.55	0.31	0.31	0.32		
125	Multi	family, Electric	0.01	0.01	0.00	0.10	0.02	0.00	0.01	0.01	0.02		
127	Mail	lanny, Liecuic	2009	2010	2011	2009	2010	2011	2009	2010	2011		
128		Climate Zone 6	0.05	0.05	0.05	0.08	0.09	0.10	0.04	0.04	0.05		
129		Climate Zone 8	0.05	0.05	0.03	0.00	0.03	0.10	0.14	0.14	0.03		
130		Climate Zone 9	0.13	0.13	0.10	0.19	0.23	0.22	0.14	0.14	0.14		
131		Climate Zone 10	0.11	0.11	0.12	0.13	0.41	0.44	0.10	0.10	0.11		
132		Climate Zone 13	0.46	0.46	0.47	0.76	0.81	0.44	0.42	0.42	0.43		
133		Climate Zone 14	0.65	0.65	0.65	1.05	1.11	1.19	0.60	0.59	0.59		
134		Climate Zone 15	0.12	0.03	0.12	0.19	0.20	0.22	0.11	0.11	0.11		
135													
	Climate Zone 16 0.13 0.13 0.14 0.19 0.20 0.22 0.12 0.12 0.13 0.6 Mobile Home, Electric												
138	WODI	ie rionie, Liecuic	2009	2010	2011	2009	2010	2011	2009	2010	2011		
139		Climate Zone 6	0.09	0.10	0.10	0.16	0.18	0.19	0.08	0.09	0.09		
140		Climate Zone 8	0.03	0.10	0.49	0.10	0.18	0.19	0.43	0.43	0.09		
141		Climate Zone 9	0.37	0.48	0.49	0.64	0.68	0.73	0.43	0.45	0.35		
142		Climate Zone 10	0.69	0.68	0.69	1.11	1.17	1.25	0.63	0.62	0.62		
143		Climate Zone 13	0.69	0.69	0.69	1.14	1.21	1.28	0.63	0.63	0.63		
144		Climate Zone 14	0.72	0.71	0.71	1.16	1.22	1.30	0.66	0.65	0.65		
145		Climate Zone 15	0.72	0.40	0.40	0.63	0.68	0.72	0.36	0.36	0.36		
146		Climate Zone 16	0.43	0.43	0.44	0.62	0.66	0.70	0.40	0.40	0.40		
	Duct	Test and Seal	0.40	0.40	0.77	0.02	0.00	0.70	0.40	0.40	0.40		
148		le Family, Electric											
150	Sirigi	e i aililly, Liecuic	2009	2010	2011	2009	2010	2011	2009	2010	2011		
151		Climate Zone 13	1.16	1.14	1.14	0.73	0.77	0.83	1.01	0.99	0.97		
152		Climate Zone 14	1.43	1.39	1.38	0.73	0.77	0.03	1.25	1.21	1.18		
153		Climate Zone 15	1.49	1.46	1.45	1.11	1.17	1.25	1.27	1.22	1.19		
		family, Electric	1.73	1.70	1.70	1.11	1.17	1.20	1.41	1.44	1.10		
156	wuiti	ianniy, Electric	2009	2010	2011	2009	2010	2011	2009	2010	2011		
157		Climate Zone 13	0.83	0.83	0.83	0.52	0.56	0.61	0.72	0.71	0.71		
158		Climate Zone 14	1.06	1.04	1.04	0.52	0.56	0.73	0.72	0.71	0.71		
159		Climate Zone 15	1.33	1.30	1.30	0.04	1.05	1.12	1.13	1.09	1.07		
		le Home, Electric	1.00	1.50	1.50	0.33	1.00	1.14	1.13	1.08	1.07		
162	IUODI	ie moine, Electric	2000	2010	2011	2000	2010	2011	2009	2010	2011		
163		Climate Zone 13	2009 1.06	2010	2011	2009	2010	2011		2010	2011		
164		Climate Zone 13 Climate Zone 14	1.42	1.05	1.05	0.67	0.71	0.76	0.92 1.24	0.90 1.20	0.89 1.17		
		Climate Zone 14 Climate Zone 15		1.38	1.37	0.85	0.90	0.96					
165			1.51	1.47	1.46	1.12	1.18	1.26	1.28	1.23	1.20		
100	New	Construction 13-16	SEER	Central	AC Upo	grade							

	Α	В	С	D	Е	F	G	Н	ı	J	K
4					Ra	tio of Be	enefits C	Over Co	sts		
5			Utili	ty Cost			ed Parti			Resourc	e Cost
58		Climate Zone 14	1.83	1.76	1.73	1.33	1.40	1.50	1.56	1.48	1.43
59		Climate Zone 15	2.06	1.98	1.95	1.74	1.82	1.95	1.71	1.61	1.55
60	Heat	Pump Replacemen	t								
61		le Family, Electric									
63	- J	,,	2009	2010	2011	2009	2010	2011	2009	2010	2011
64		Climate Zone 13	0.31	0.32	0.33	0.29	0.31	0.34	0.23	0.23	0.23
65		Climate Zone 14	0.30	0.31	0.32	0.28	0.31	0.34	0.22	0.22	0.23
66		Climate Zone 15	0.26	0.27	0.27	0.22	0.24	0.26	0.20	0.20	0.20
67	Multi	family, Electric									
69		,,	2009	2010	2011	2009	2010	2011	2009	2010	2011
70		Climate Zone 13	0.37	0.38	0.39	0.35	0.38	0.42	0.28	0.28	0.28
71		Climate Zone 14	0.32	0.32	0.33	0.30	0.33	0.36	0.23	0.23	0.24
72		Climate Zone 15	0.29	0.29	0.30	0.24	0.27	0.30	0.22	0.22	0.22
73	Mobi	le Home, Electric									
75		-, =	2009	2010	2011	2009	2010	2011	2009	2010	2011
76		Climate Zone 13	0.40	0.41	0.42	0.34	0.37	0.41	0.31	0.31	0.31
77		Climate Zone 14	0.43	0.44	0.45	0.38	0.42	0.46	0.32	0.32	0.33
78		Climate Zone 15	0.44	0.45	0.46	0.36	0.39	0.43	0.34	0.34	0.34
79	Evap	orative Cooler Inst	allation								
80		le Family, Electric									
82	- 5	,,	2009	2010	2011	2009	2010	2011	2009	2010	2011
83		Climate Zone 10	0.25	0.25	0.26	0.20	0.22	0.24	0.20	0.20	0.20
84		Climate Zone 13	0.34	0.34	0.35	0.27	0.30	0.33	0.27	0.27	0.27
85		Climate Zone 14	0.37	0.38	0.39	0.30	0.33	0.36	0.30	0.30	0.30
86		Climate Zone 15	0.75	0.75	0.76	0.62	0.67	0.73	0.60	0.59	0.59
87		Climate Zone 16	0.43	0.44	0.45	0.26	0.29	0.31	0.37	0.37	0.37
88	Mobi	le Home, Electric									
90			2009	2010	2011	2009	2010	2011	2009	2010	2011
91		Climate Zone 10	0.25	0.25	0.26	0.19	0.21	0.23	0.20	0.20	0.20
92		Climate Zone 13	0.33	0.34	0.34	0.26	0.29	0.32	0.26	0.27	0.27
93		Climate Zone 14	0.37	0.38	0.39	0.29	0.32	0.35	0.30	0.30	0.30
94		Climate Zone 15	0.73	0.73	0.74	0.60	0.65	0.71	0.59	0.58	0.58
95		Climate Zone 16	0.35	0.35	0.36	0.18	0.20	0.22	0.29	0.30	0.30
96	Evap	orative Cooler Maii	ntenand	е							
97	Singl	le Family, Electric									
99			2009	2010	2011	2009	2010	2011	2009	2010	2011
100		Climate Zone 10	0.24	0.24	0.24	0.23	0.25	0.28	0.19	0.19	0.18
101		Climate Zone 13	0.46	0.46	0.46	0.44	0.48	0.53	0.37	0.36	0.35
102		Climate Zone 14	0.39	0.40	0.40	0.38	0.42	0.46	0.32	0.31	0.31
103		Climate Zone 15	0.77	0.77	0.77	0.74	0.81	0.88	0.62	0.61	0.59
104		Climate Zone 16	0.49	0.49	0.49	0.46	0.51	0.56	0.39	0.38	0.38
		le Home, Electric									
107	_		2009	2010	2011	2009	2010	2011	2009	2010	2011
108		Climate Zone 10	0.24	0.24	0.24	0.23	0.25	0.28	0.19	0.19	0.18
109		Climate Zone 13	0.46	0.46	0.46	0.44	0.48	0.53	0.37	0.36	0.35
110		Climate Zone 14	0.39	0.40	0.40	0.38	0.42	0.46	0.32	0.31	0.31
111		Climate Zone 15	0.77	0.77	0.77	0.74	0.81	0.88	0.62	0.61	0.59
112		Climate Zone 16	0.49	0.49	0.49	0.46	0.51	0.56	0.39	0.38	0.38

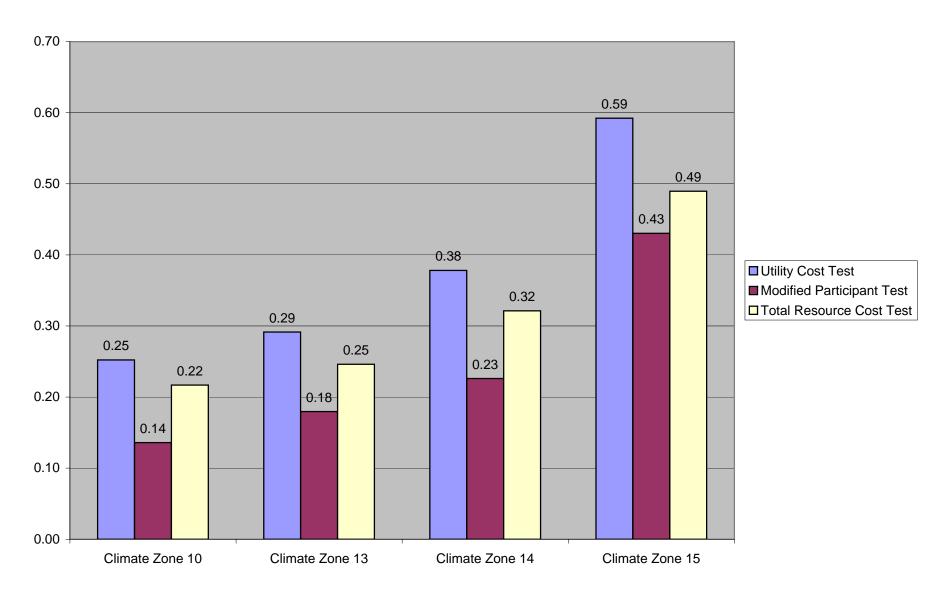
	Α	В	С	D	Е	F	G	Н	I	J	K
4					Rat	tio of Be	enefits (Over Co	sts		
5			Utili	ty Cost	Test	Modifi	ed Parti	cipant	Total Resource Cos		
167	Singl	le Family, Electric									
169			2009	2010	2011	2009	2010	2011	2009	2010	2011
170		Climate Zone 13		0.08	0.08		0.01	0.01		0.08	0.08
171		Climate Zone 14		0.10	0.10		0.01	0.01		0.10	0.10
172		Climate Zone 15		0.05	0.06		0.01	0.01		0.05	0.05
173	Multi	family, Electric									
175			2009	2010	2011	2009	2010	2011	2009	2010	2011
176		Climate Zone 13		0.08	0.09		0.03	0.03		0.08	0.08
177		Climate Zone 14		0.09	0.10		0.03	0.03		0.09	0.09
178		Climate Zone 15		0.10	0.11		0.04	0.05		0.09	0.10
179											
180											
181	* Inclu	ude chart pertaining	to each	propose	ed meas	ure, with	informa	ition incl	uded		
182	on typ	be of home (ie. Sing	le Famil	y, Multi F	amily, N	√obile H	ome) an	d electri	c or		
102	** Ch	arte to include inforn	nation o	n aach c	limato z	ono in u	tility con	ico aros	3		

^{183 **} Charts to include information on each climate zone in utility service area.

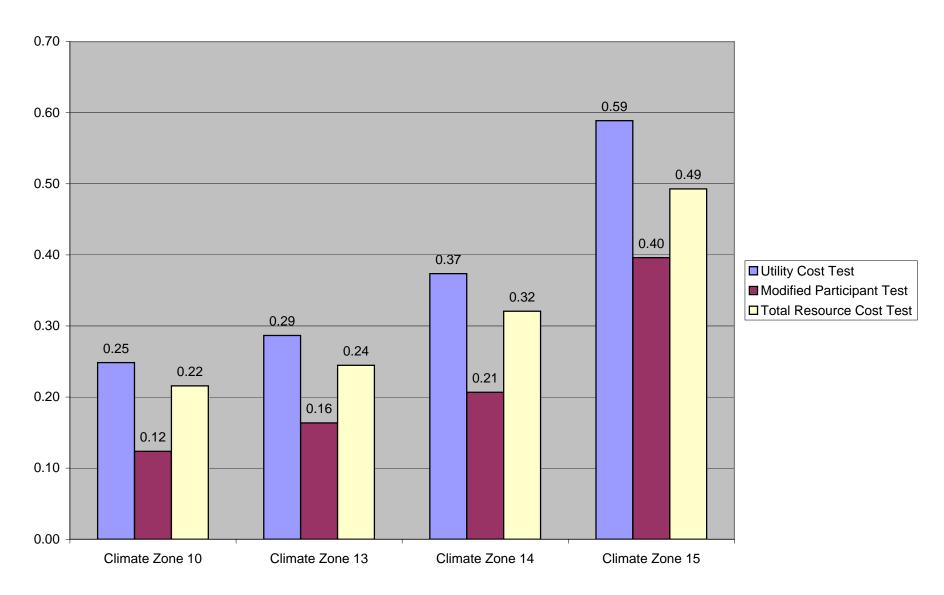
Room AC Mobile Home 2011



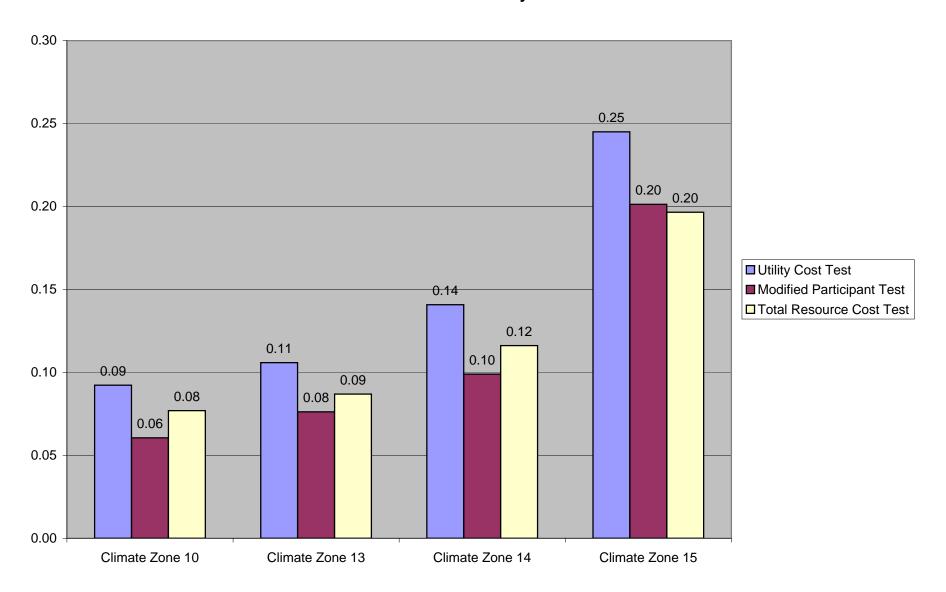
Room AC Mobile Home 2010



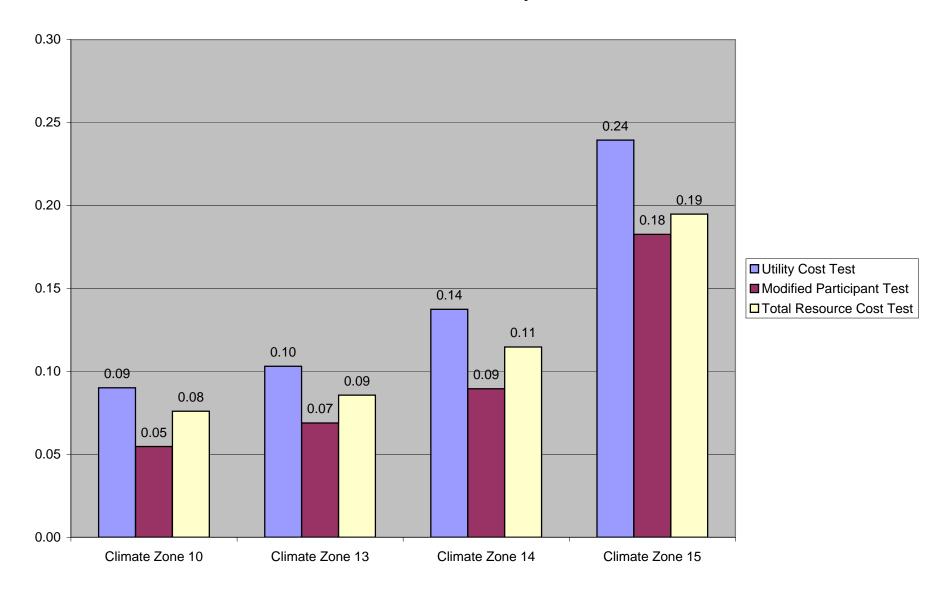
Room AC Mobile Home 2009



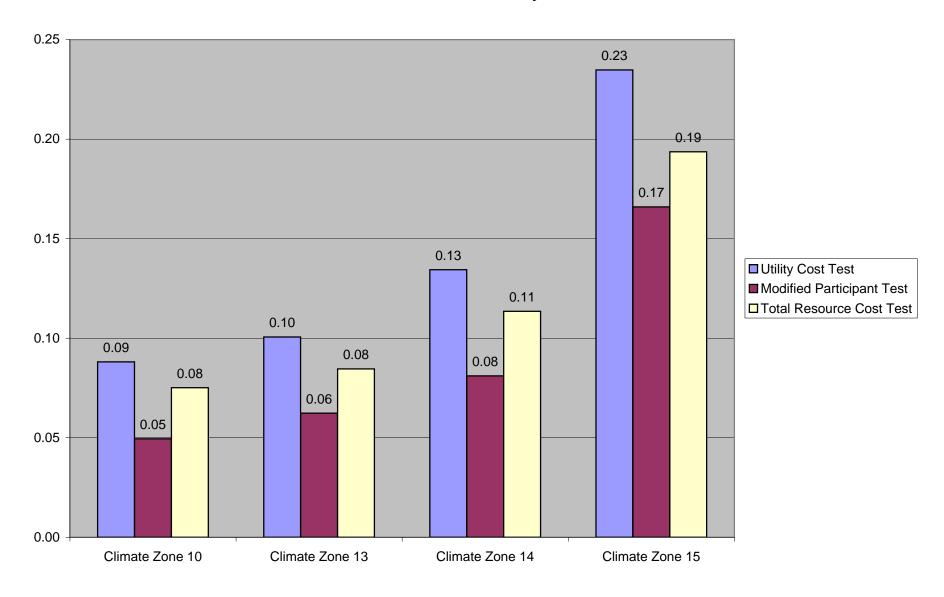
Room AC Multifamily 2011



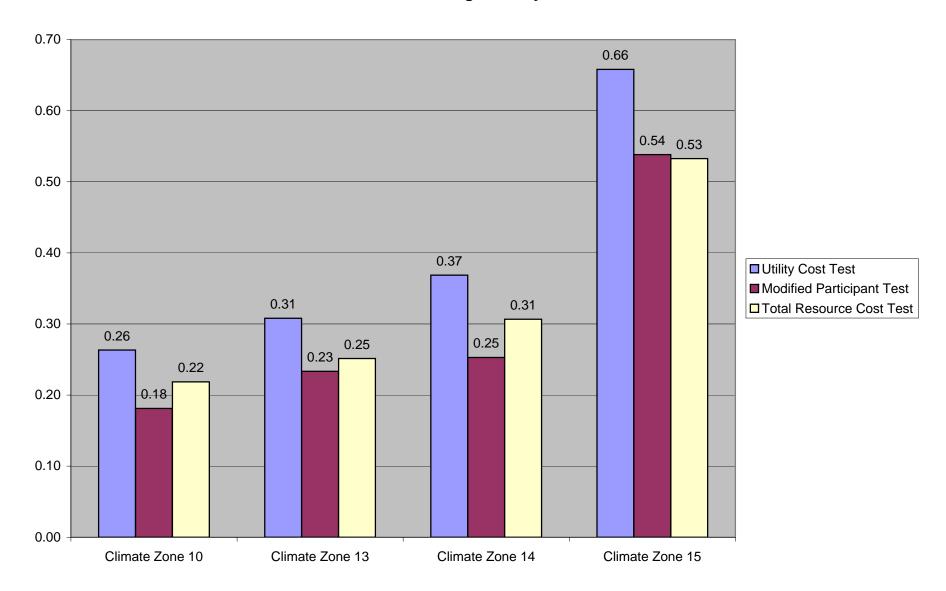
Room AC Multifamily 2010



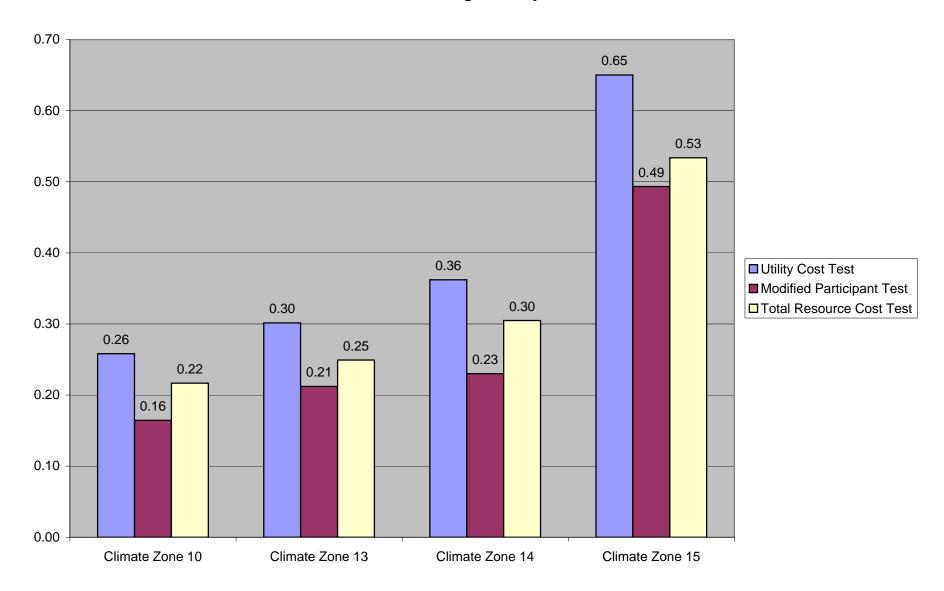
Room ACs Multi-Family 2009



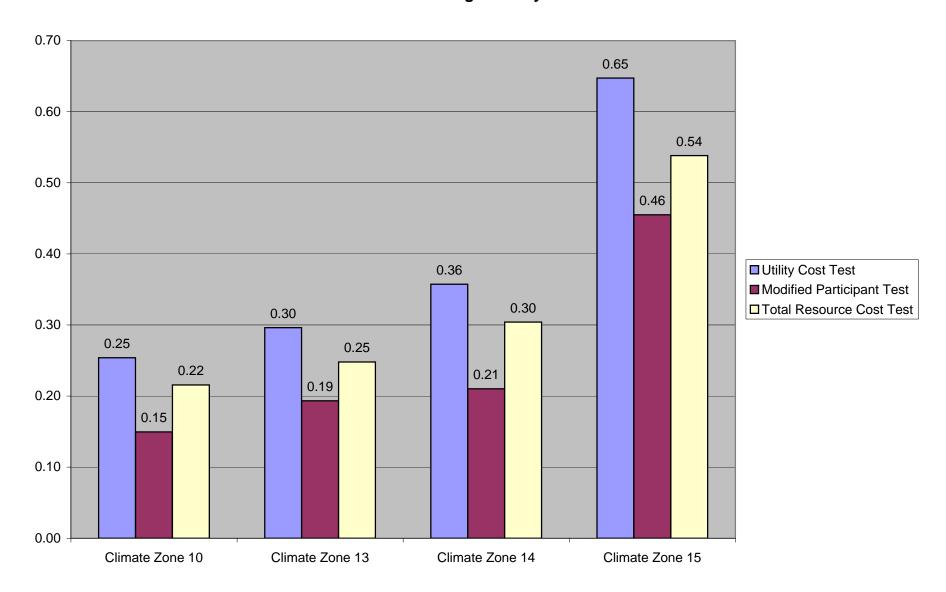
Room AC Single Family 2011



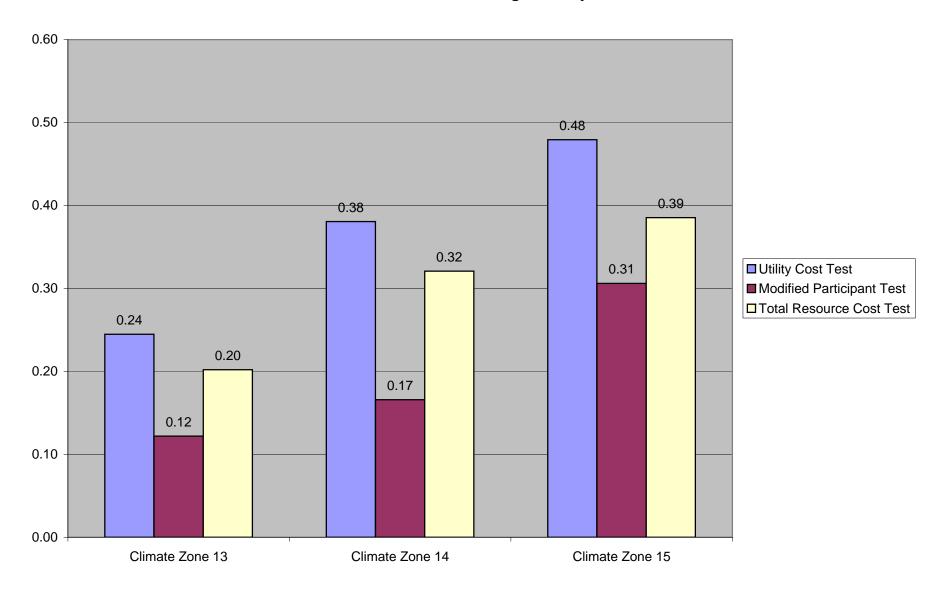
Room AC Single Family 2010



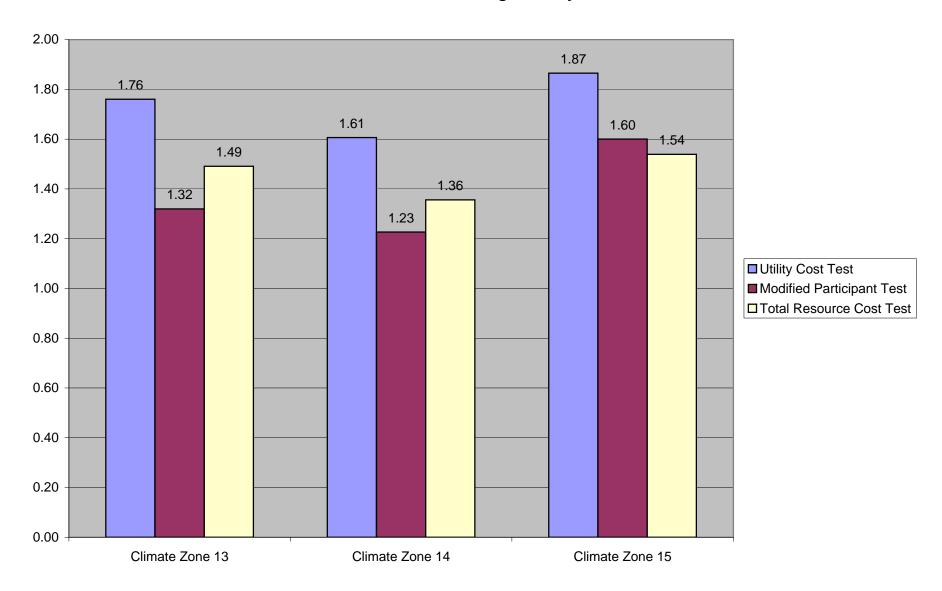
Room AC Single Family 2009



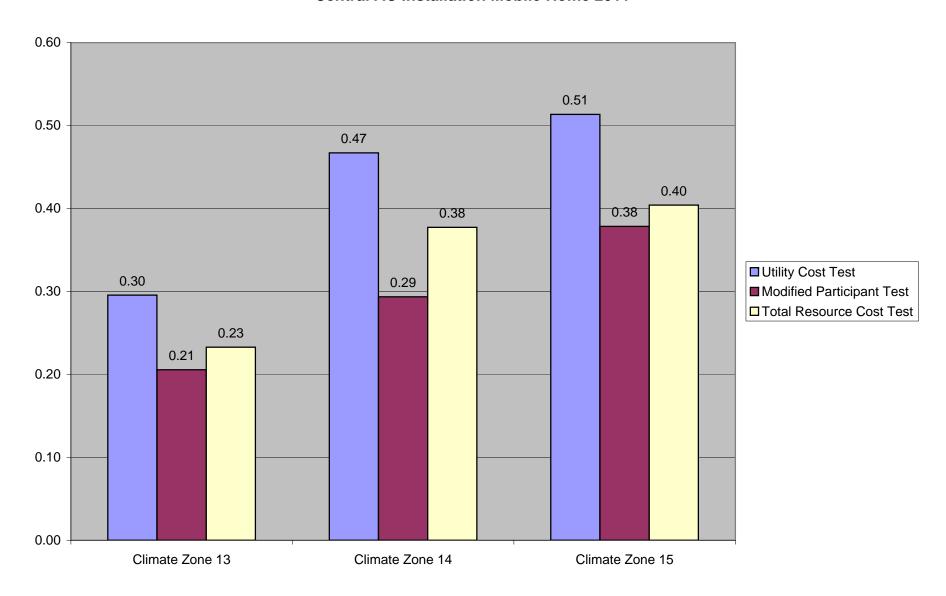
Central AC Installation Single Family 2009



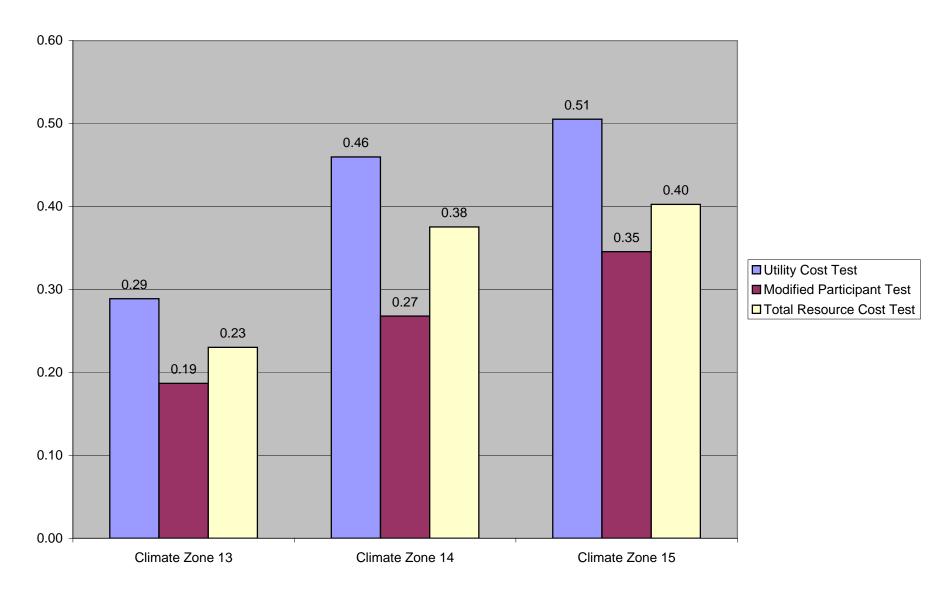
Central AC Service Single Family 2009



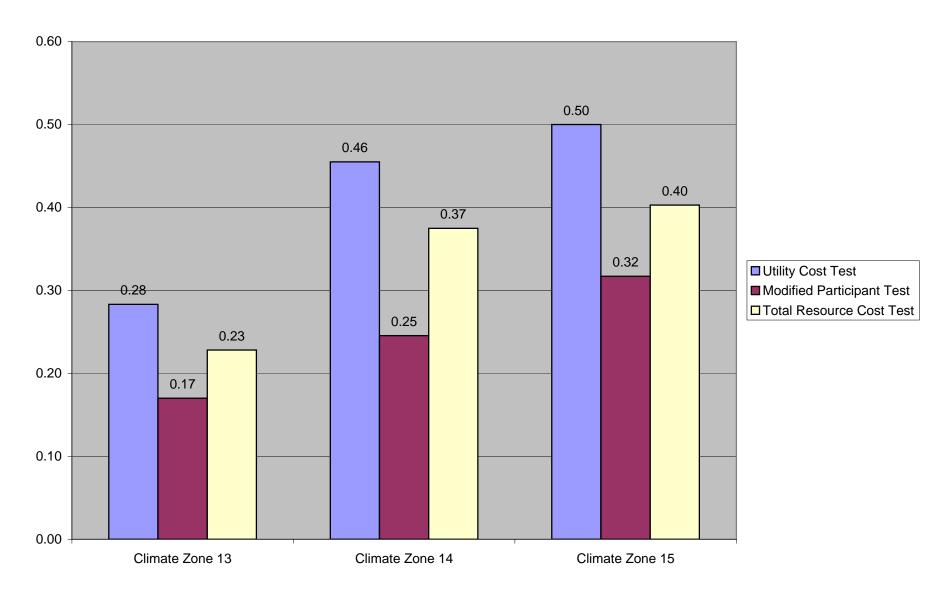
Central AC Installation Mobile Home 2011



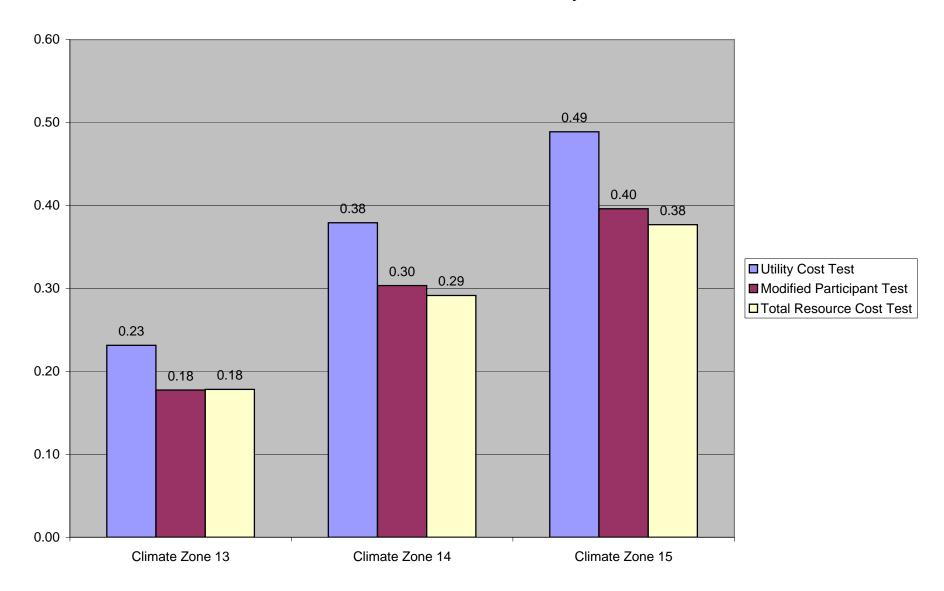
Central AC Installation Mobile Home 2010



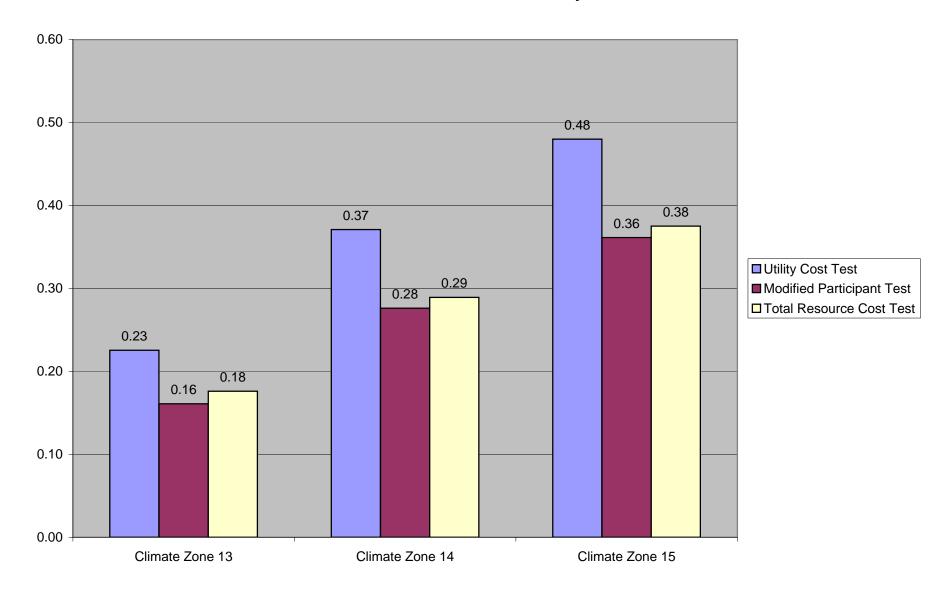
Central AC Installation Mobile Home 2009



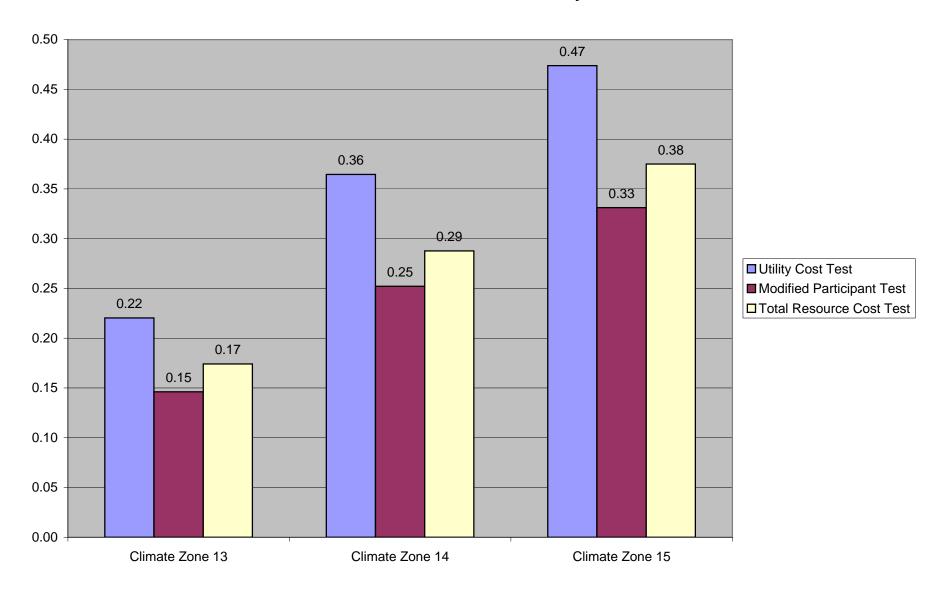
Central AC Installation Multifamily 2011



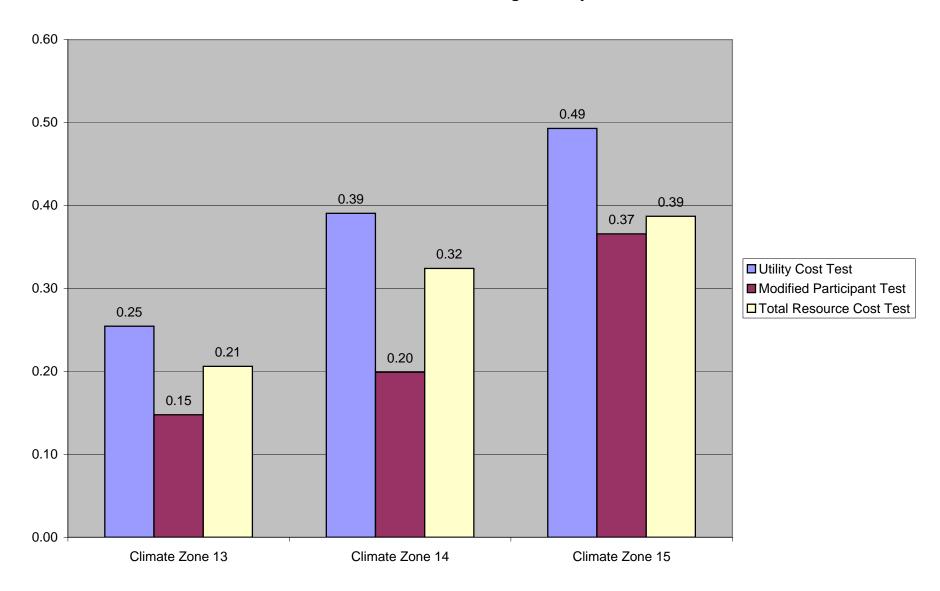
Central AC Installation Multifamily 2010



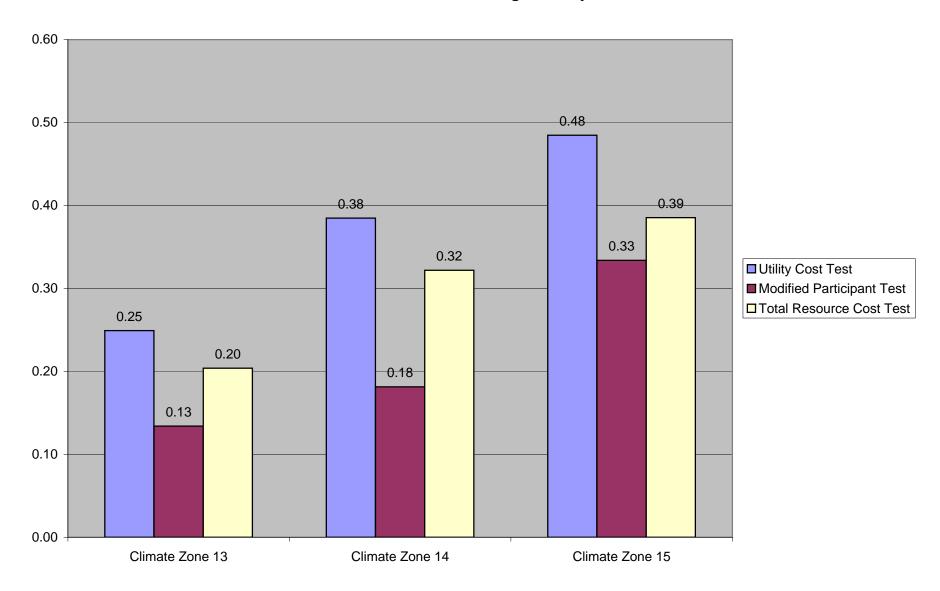
Central AC Installation Multi-Family 2009



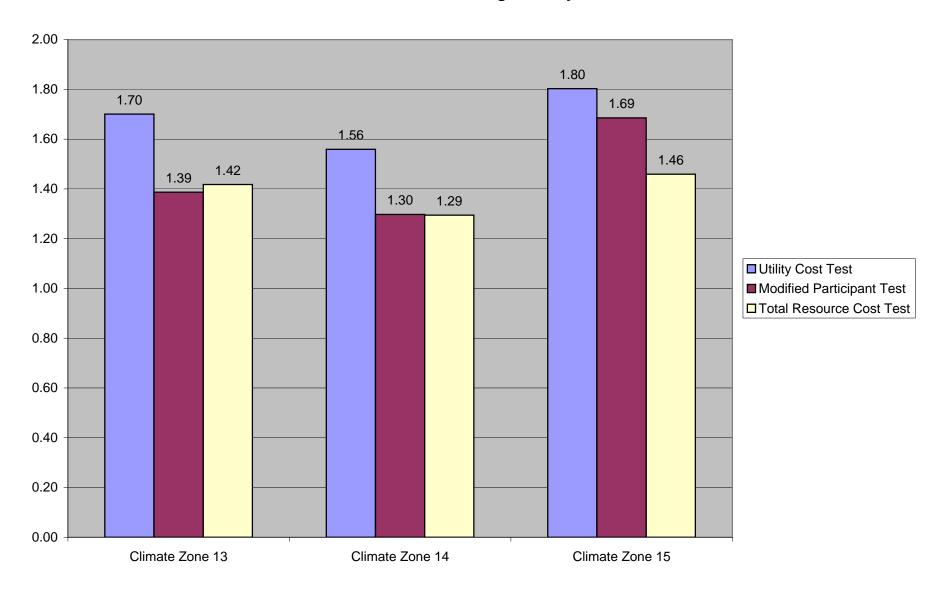
Central AC Installation Single Family 2011



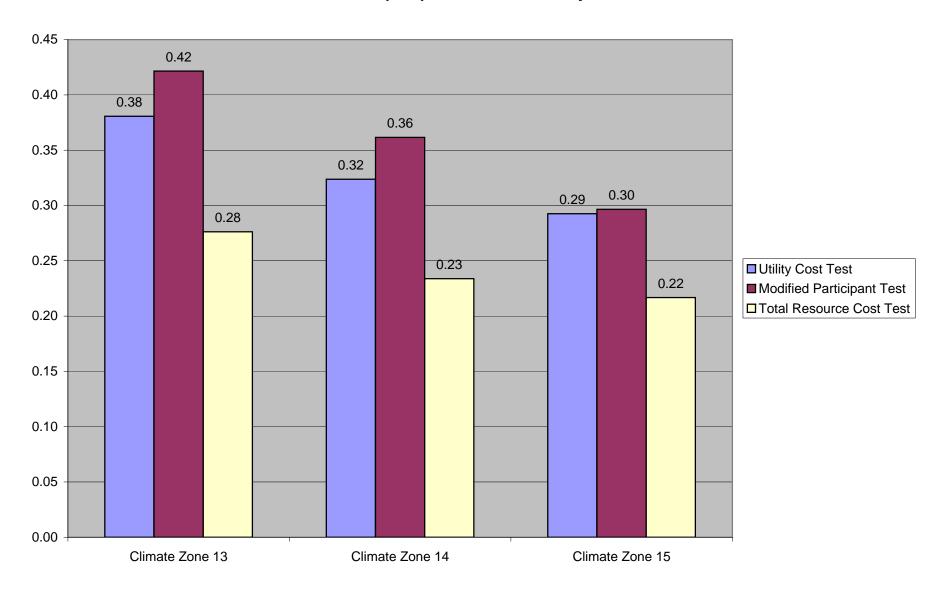
Central AC Installation Single Family 2010



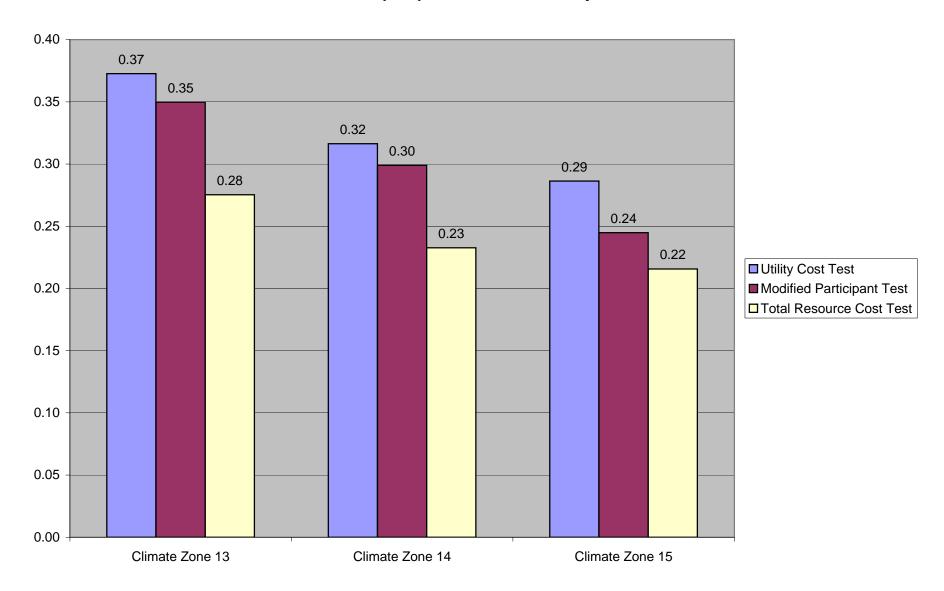
Central AC Service Single Family 2010



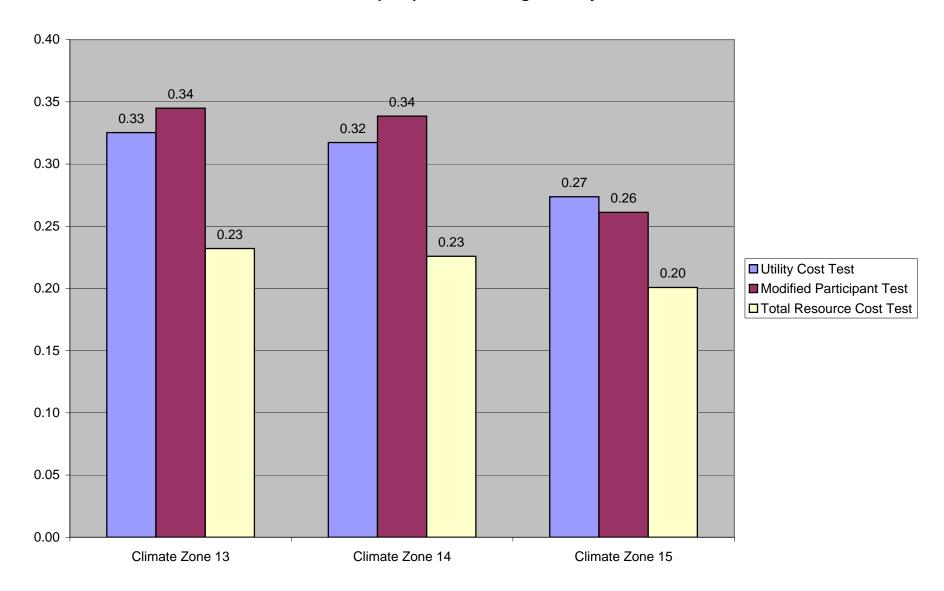
Heat Pump Replacement Multifamily 2010



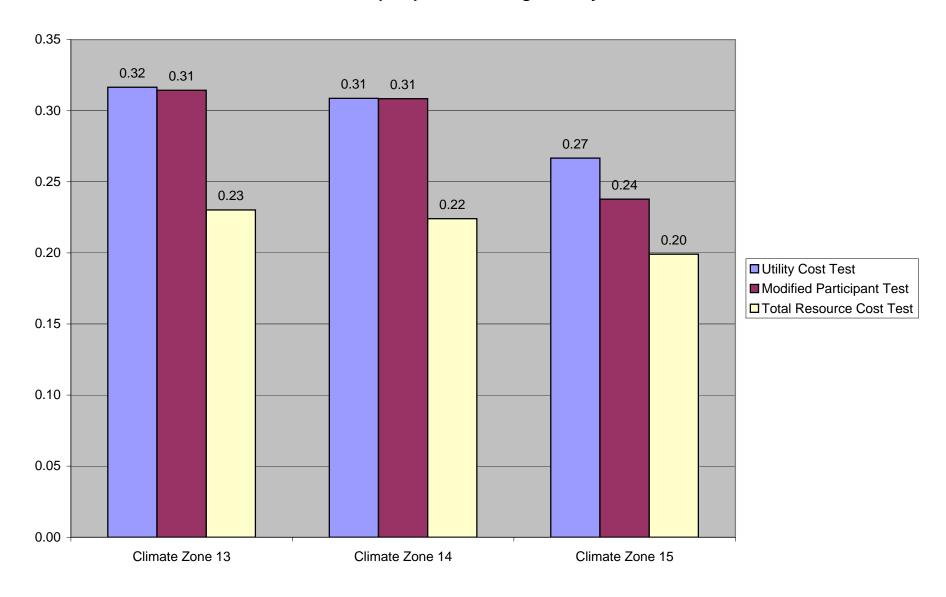
Heat Pump Replacement Multi-Family 2009



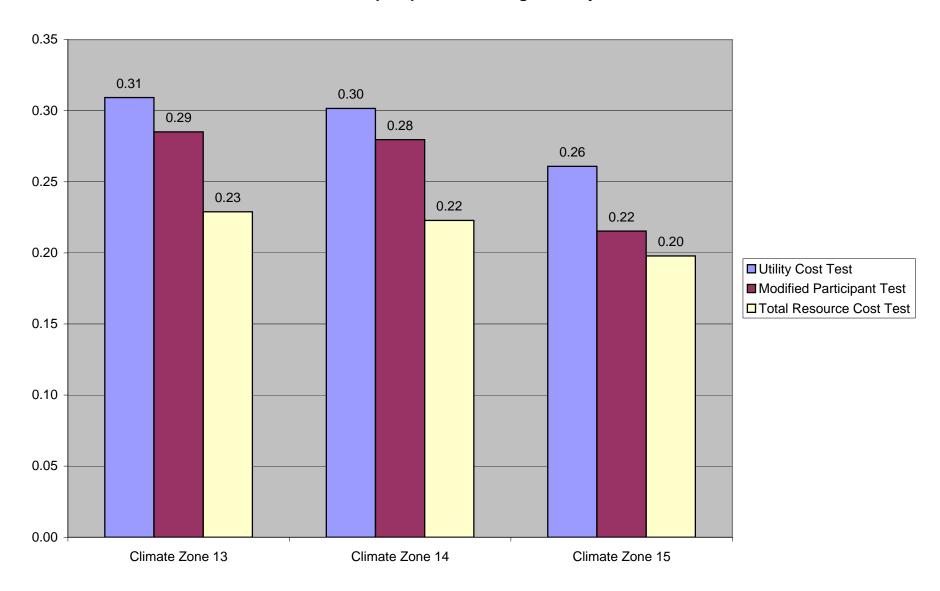
Heat Pump Replacement Single Family 2011



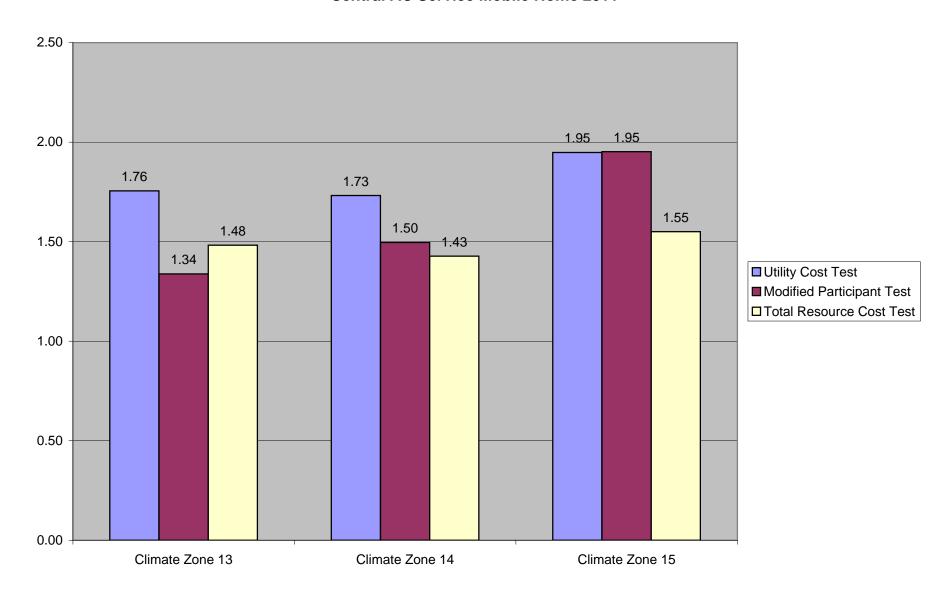
Heat Pump Replacement Single Family 2010



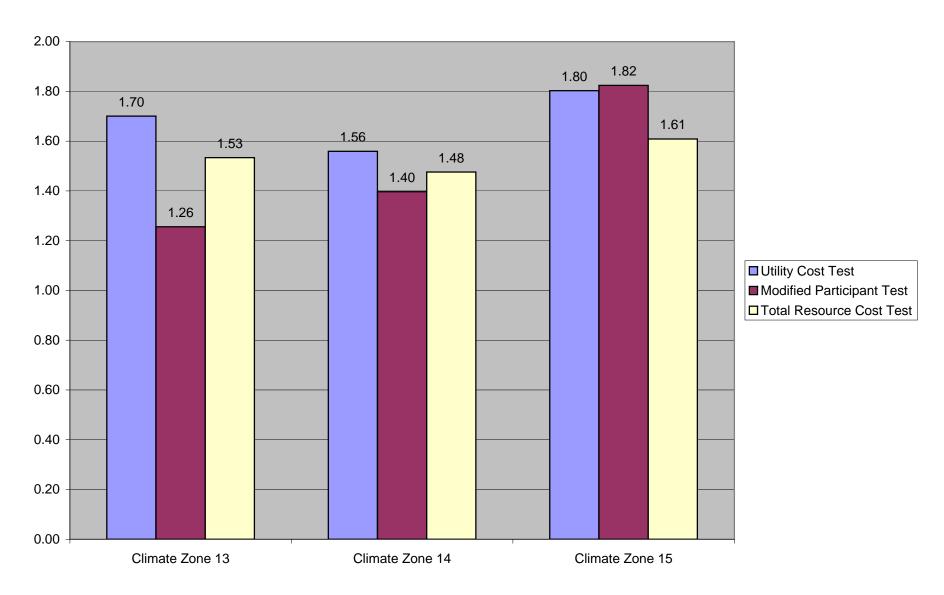
Heat Pump Replacement Single Family 2009



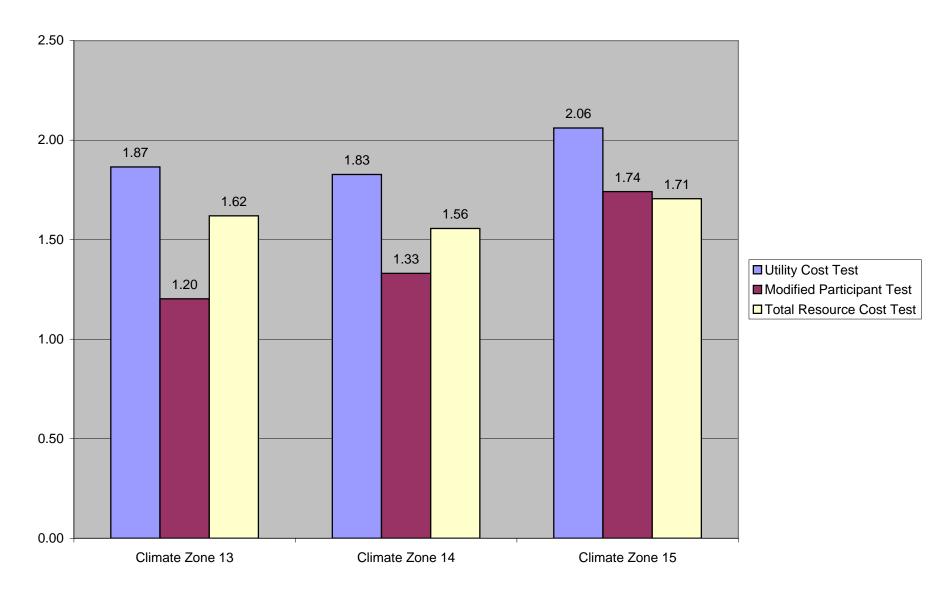
Central AC Service Mobile Home 2011



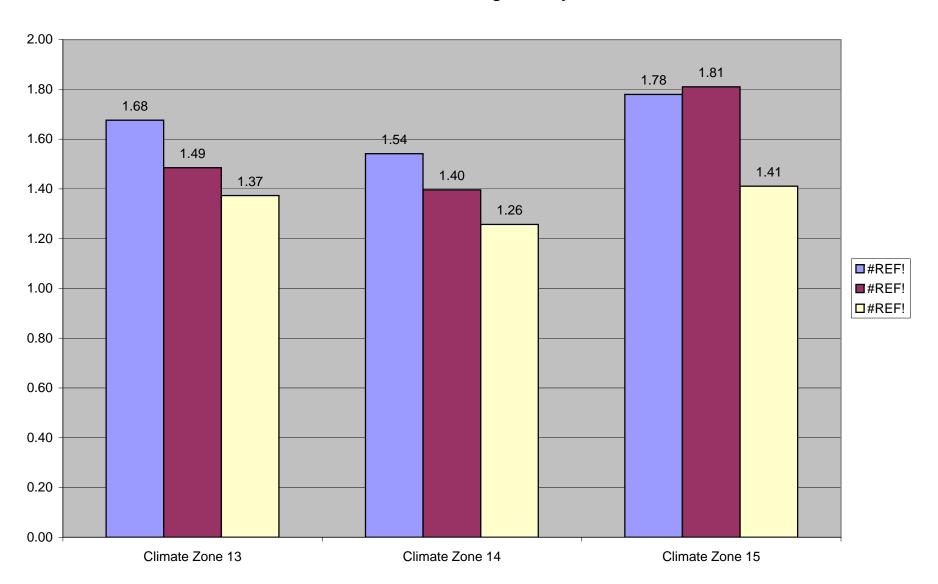
Central AC Service Mobile Home 2010



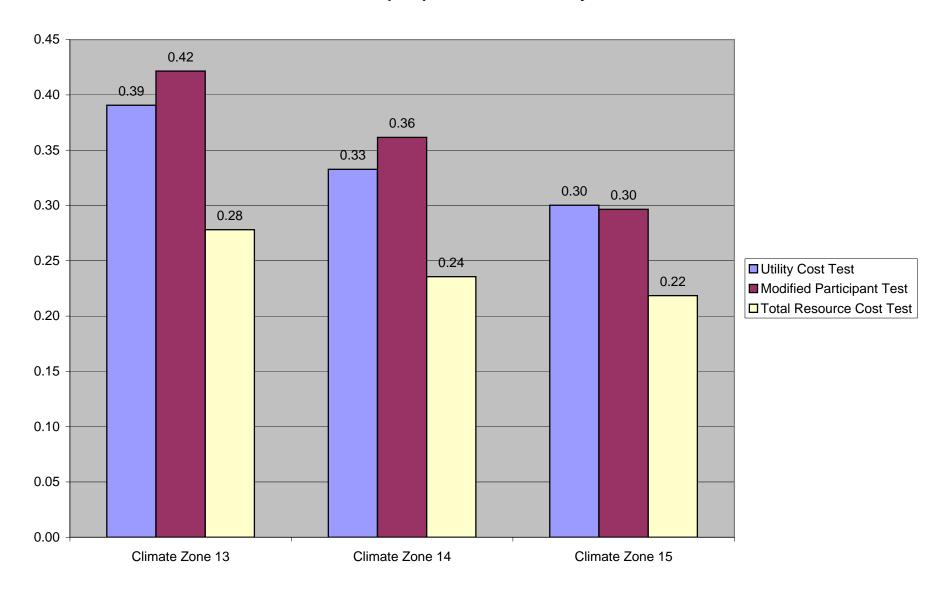
Central AC Service Mobile Home 2009



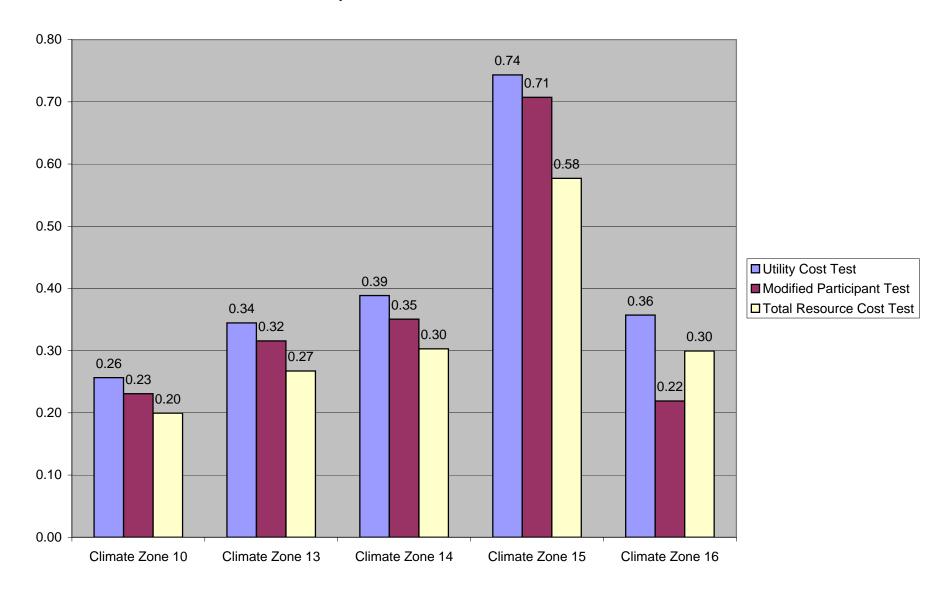
Central AC Service Single Family 2011



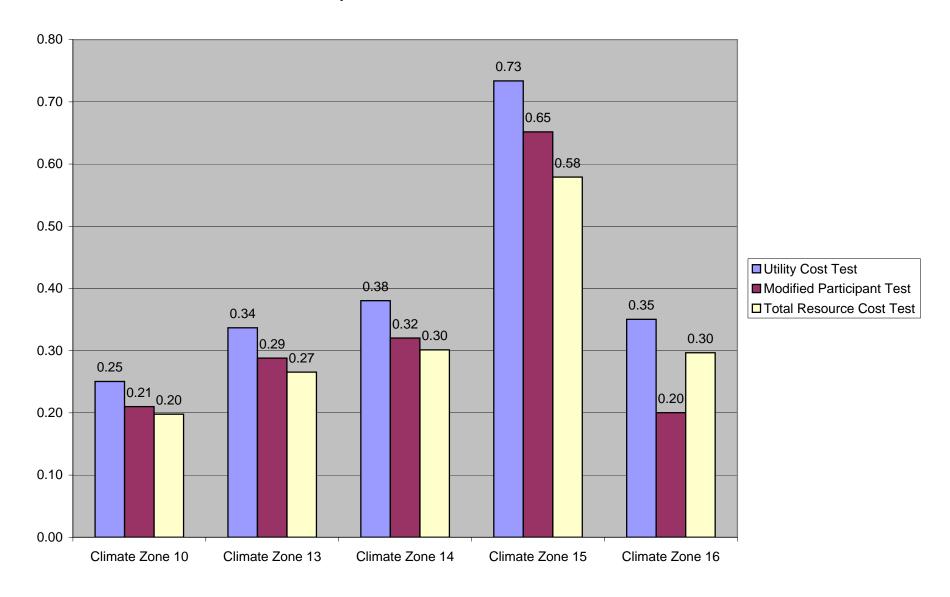
Heat Pump Replacement Multifamily 2011



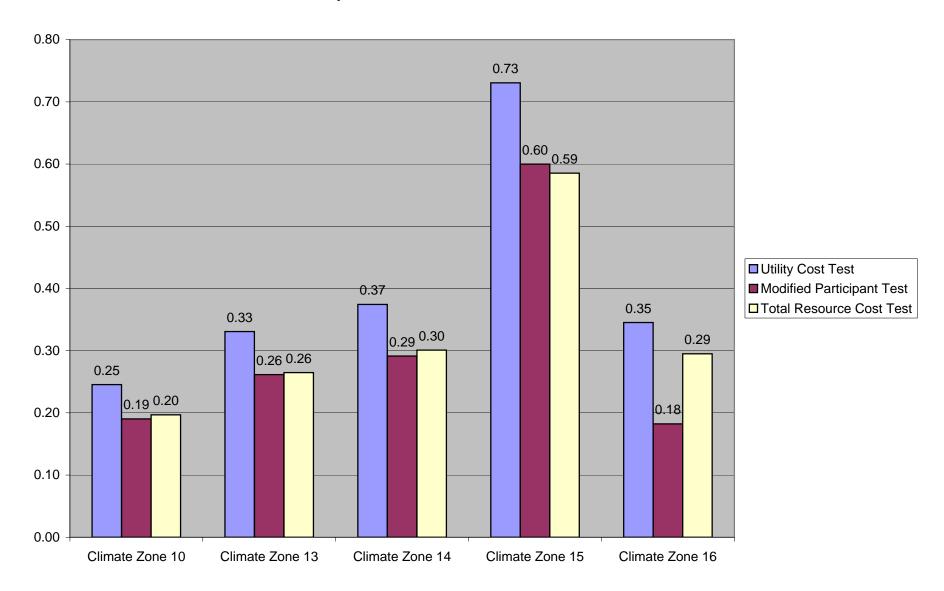
Evap Cooler Installation Mobile Home 2011



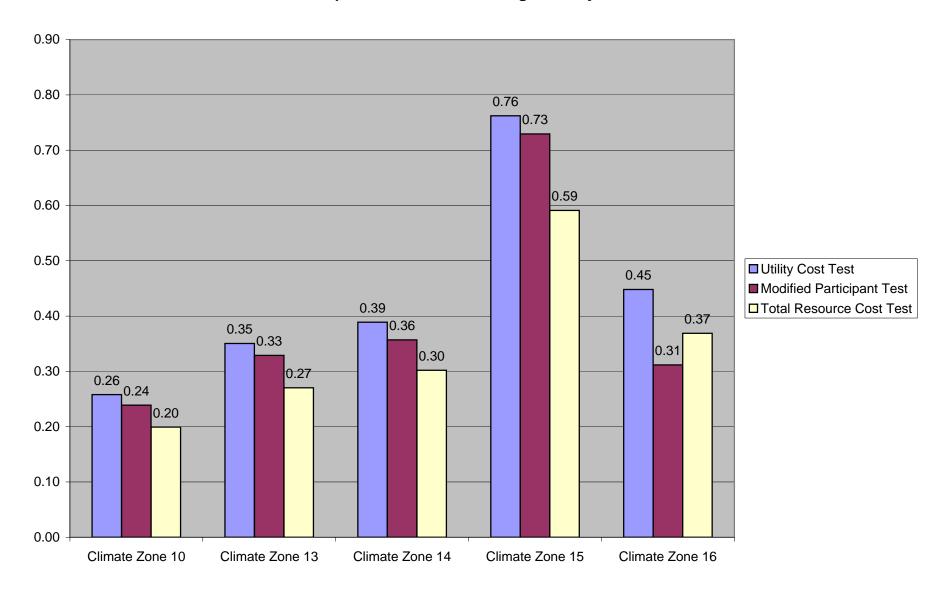
Evap Cooler Installation Mobile Home 2010



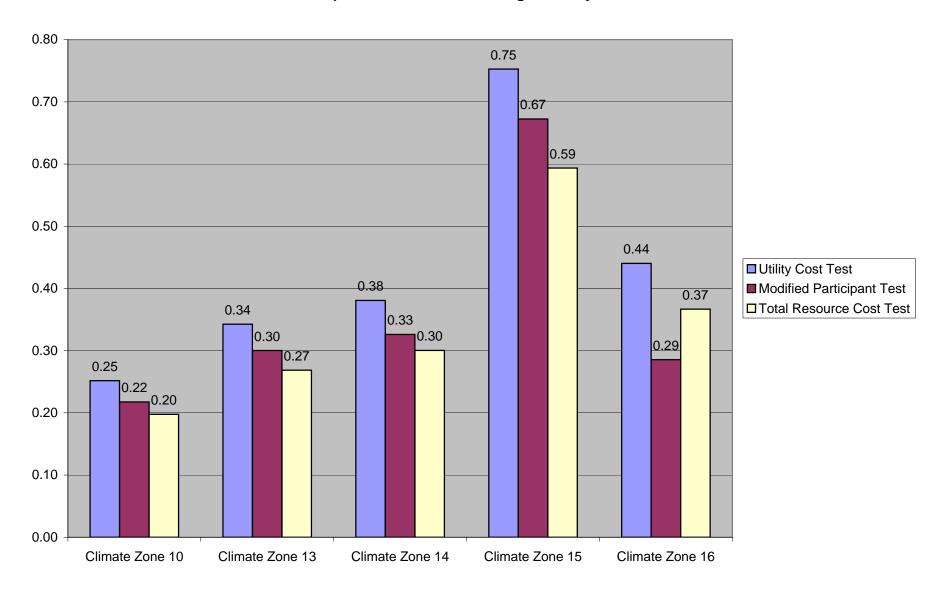
Evap Cooler Installation Mobile Home 2009



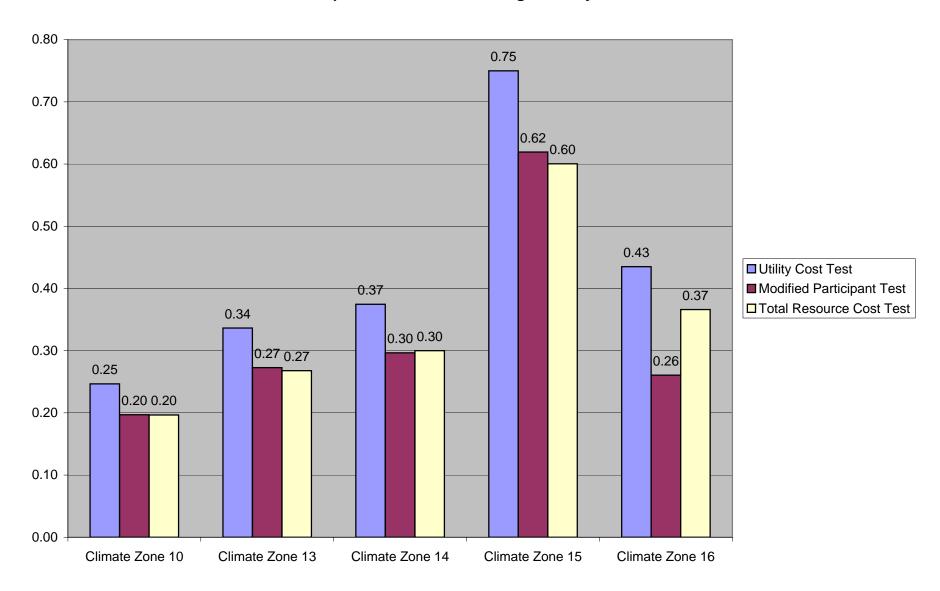
Evap Cooler Installation Single Family 2011



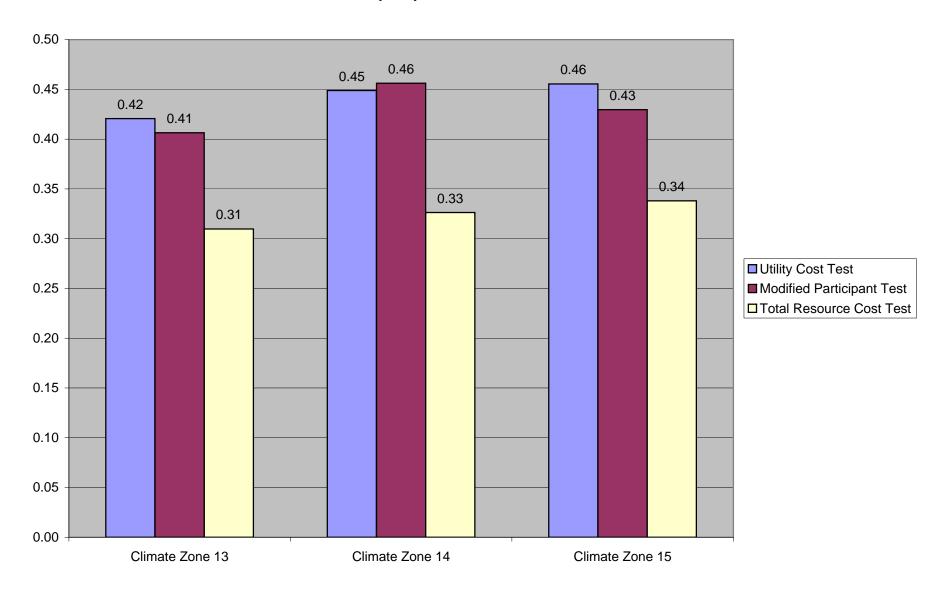
Evap Cooler Installation Single Family 2010



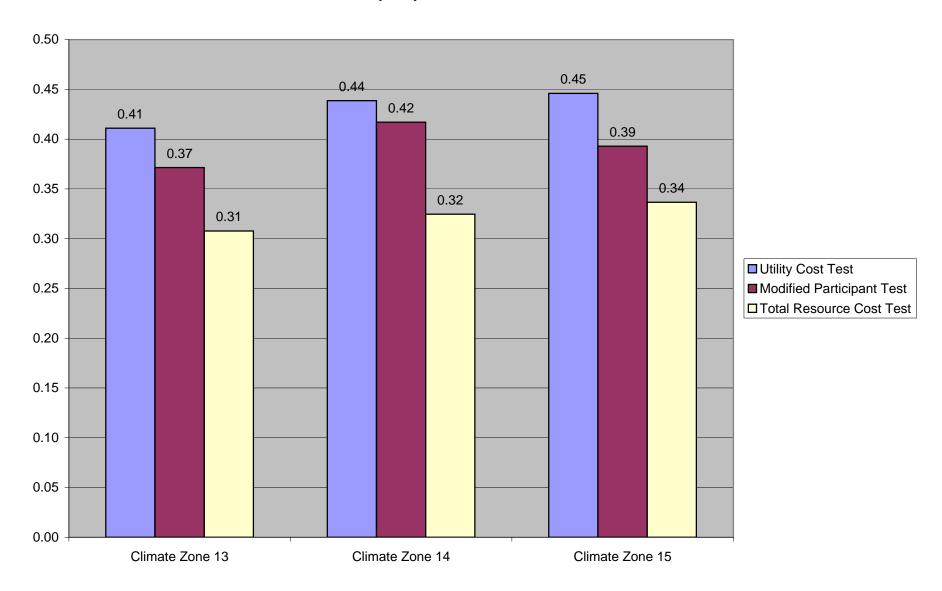
Evap Cooler Installation Single Family 2009



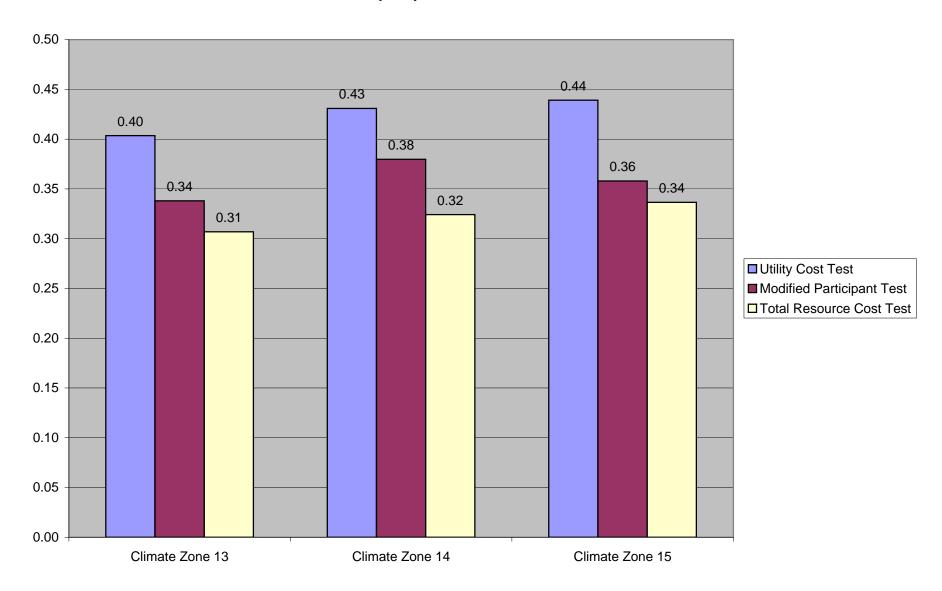
Heat Pump Replacement Mobile Home 2011



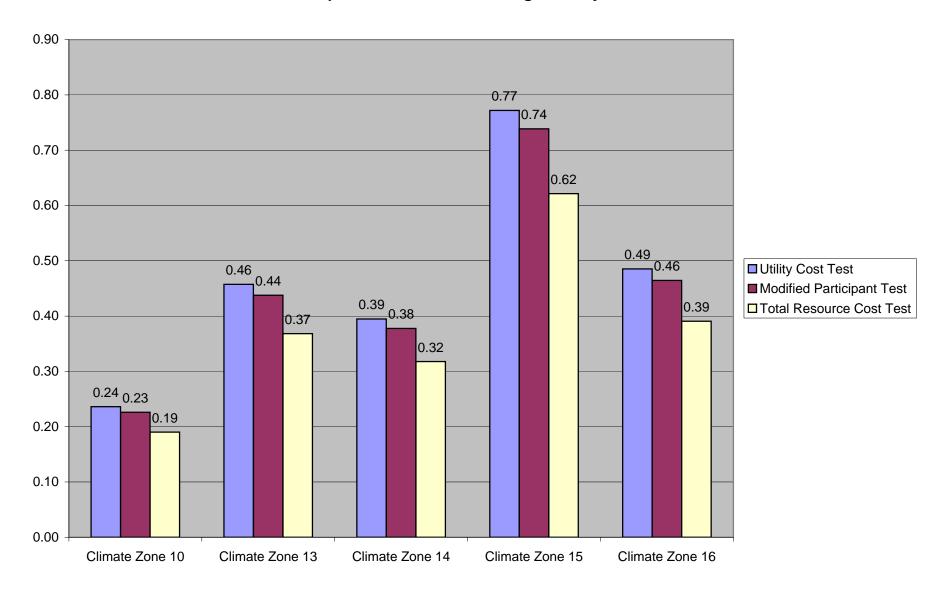
Heat Pump Replacement Mobile Home 2010



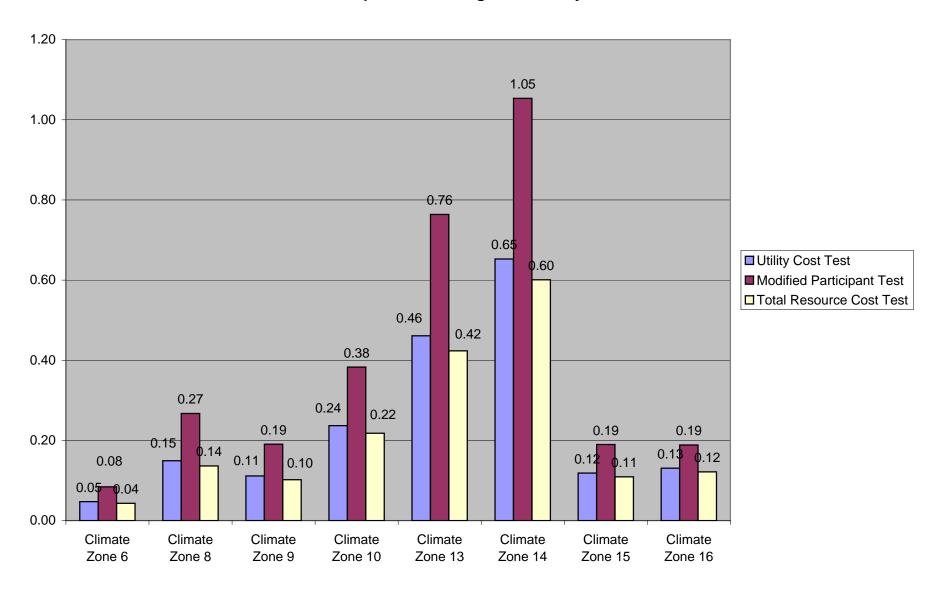
Heat Pump Replacement Mobile Home 2009



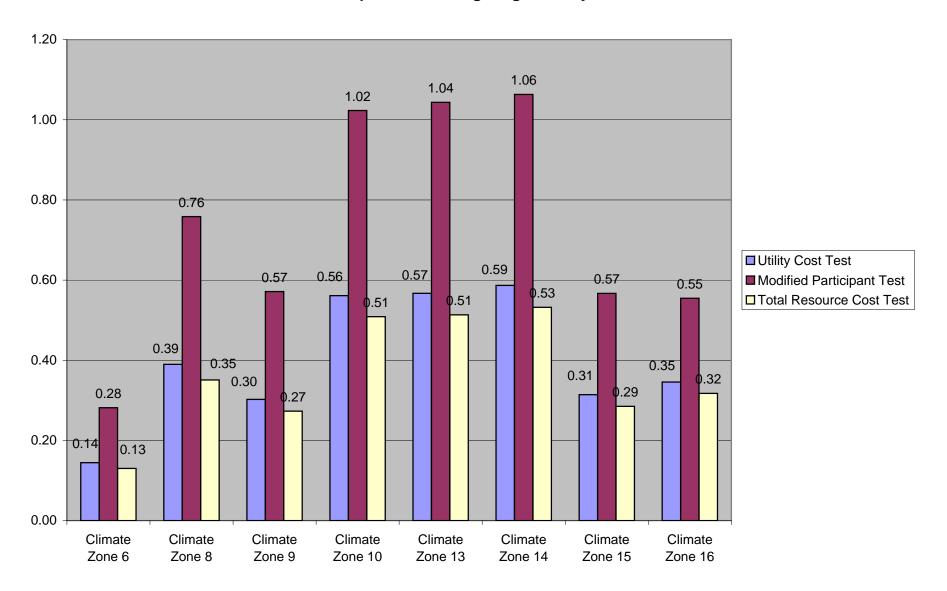
Evap Cooler Maintenance Single Family 2009



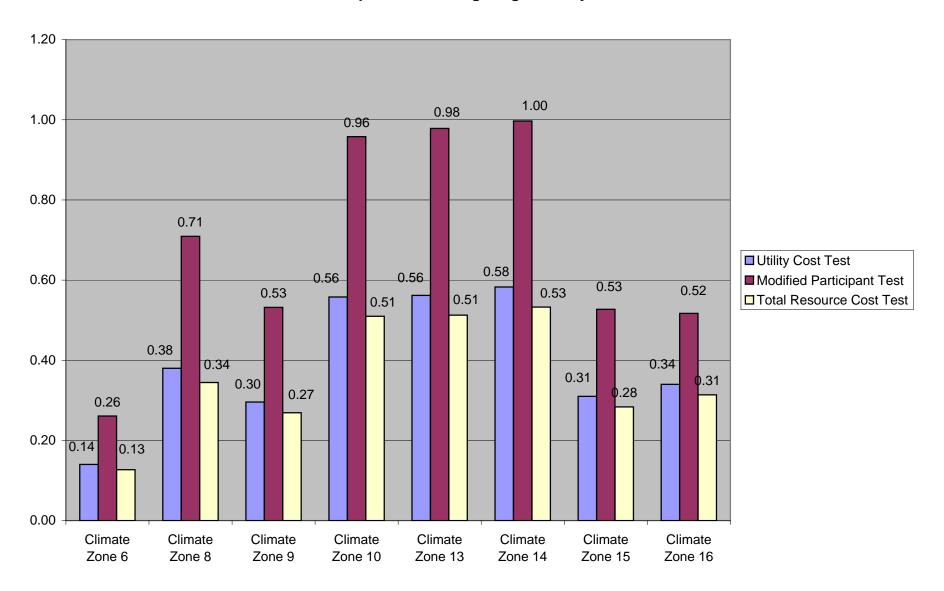
Envelope & Air Sealing Multi-Family 2009



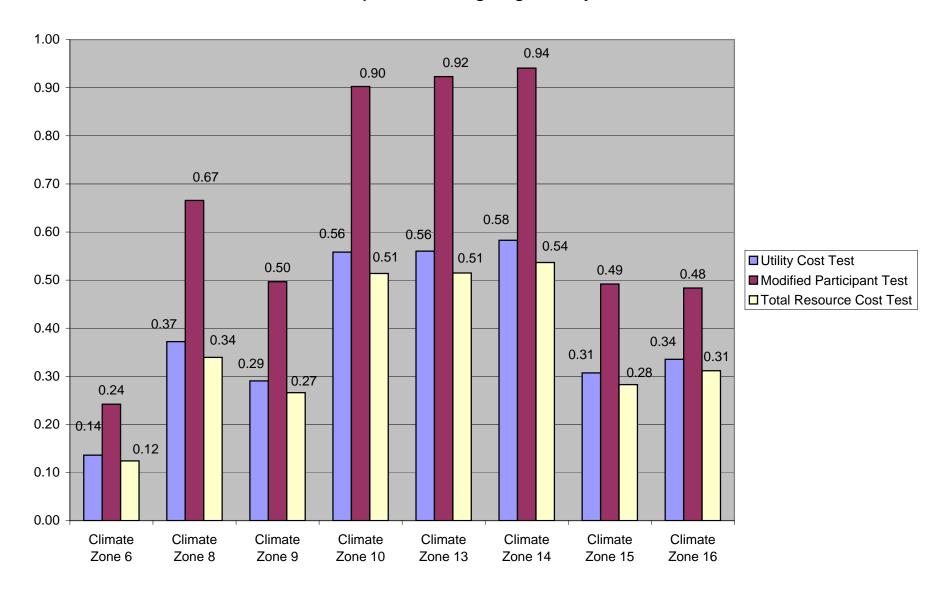
Envelope & Air Sealing Single Family 2011



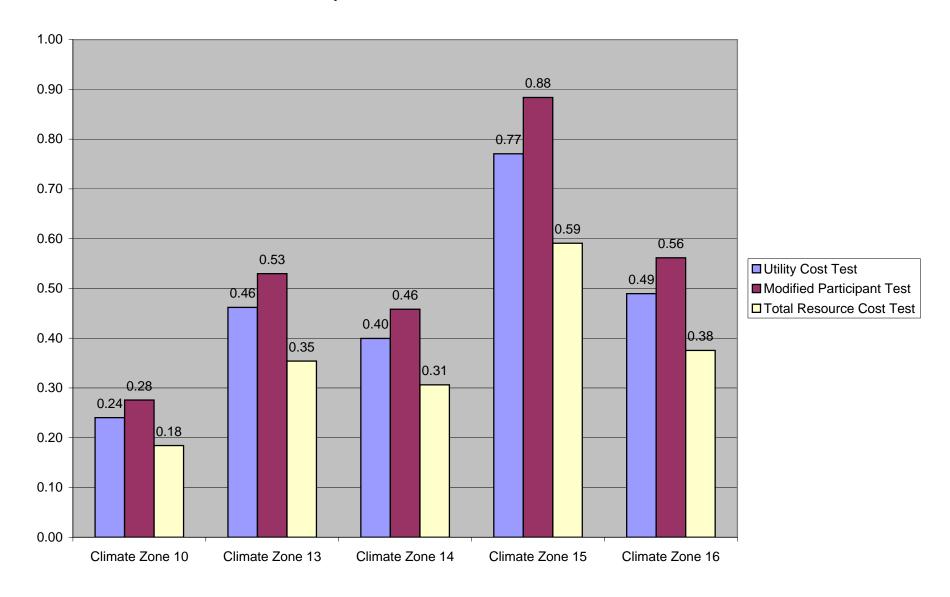
Envelope & Air Sealing Single Family 2010



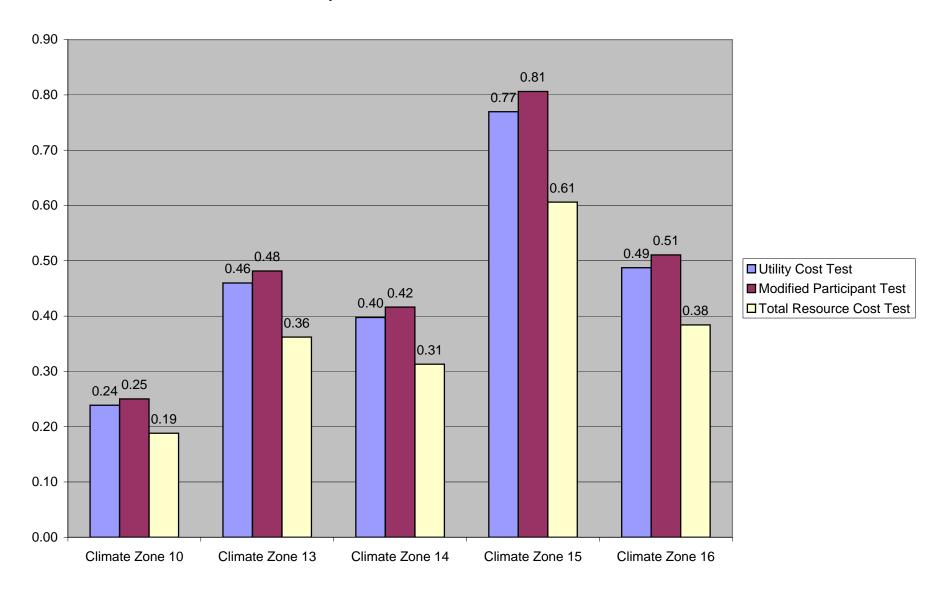
Envelope & Air Sealing Single Family 2009



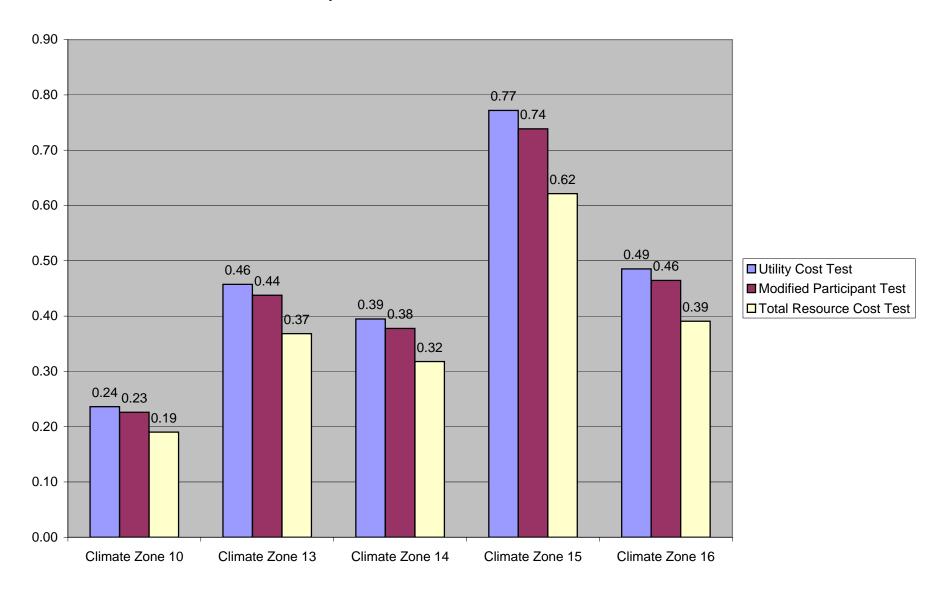
Evap Cooler Maintenance Mobile Home 2011



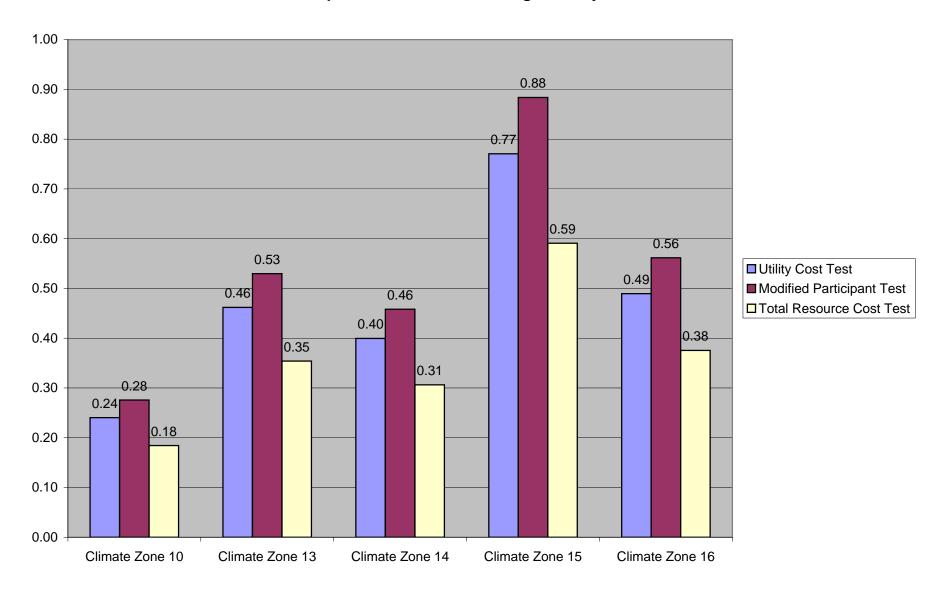
Evap Cooler Maintenance Mobile Home 2010



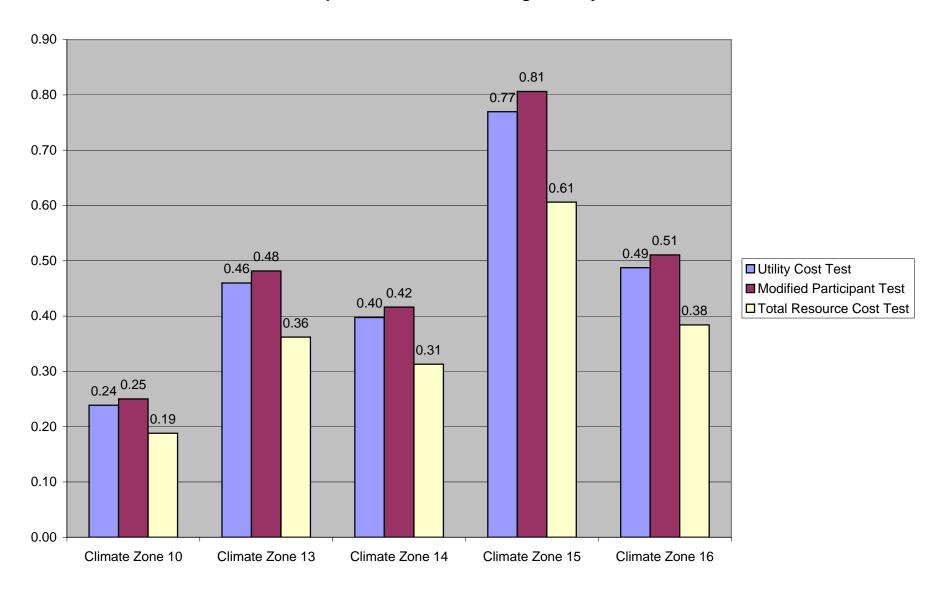
Evap Cooler Maintenance Mobile Home 2009



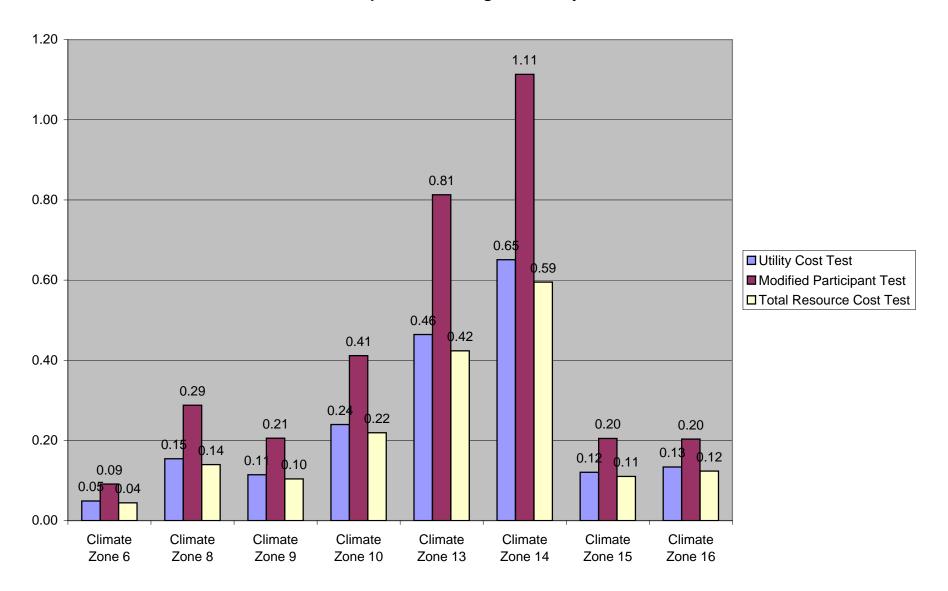
Evap Cooler Maintenance Single Family 2011



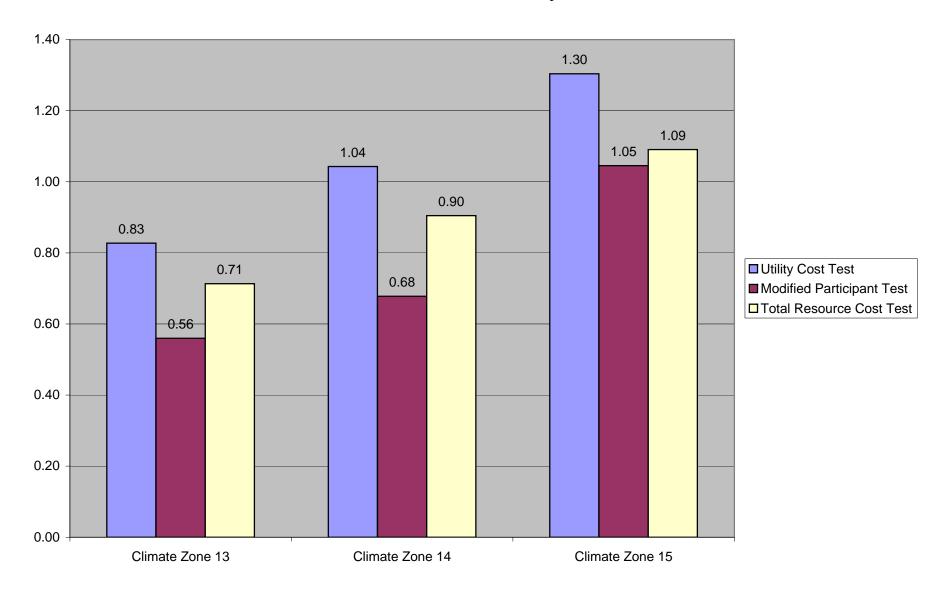
Evap Cooler Maintenance Single Family 2010



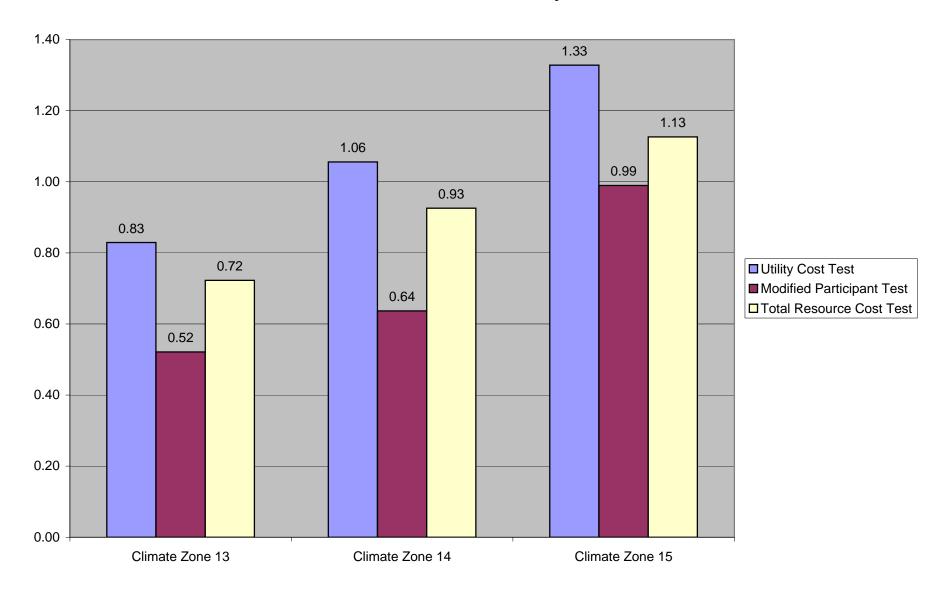
Envelope & Air Sealing Multifamily 2010



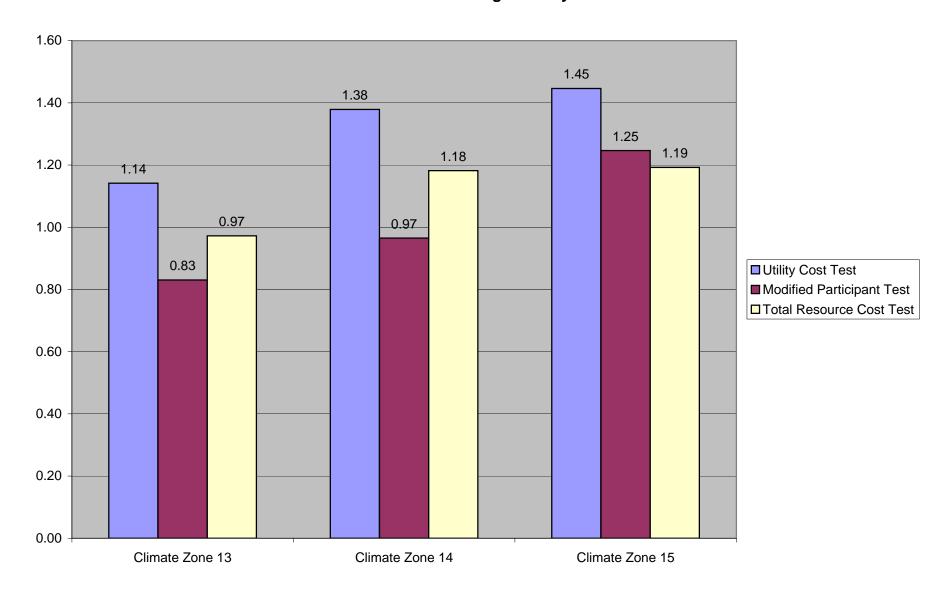
Duct Test & Seal Multifamily 2010



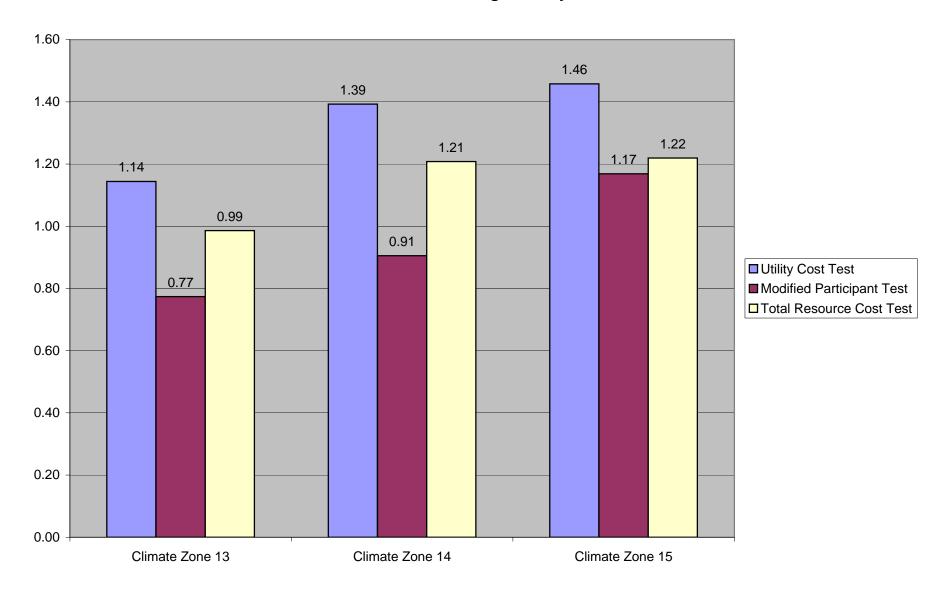
Duct Test & Seal Multi-Family 2009



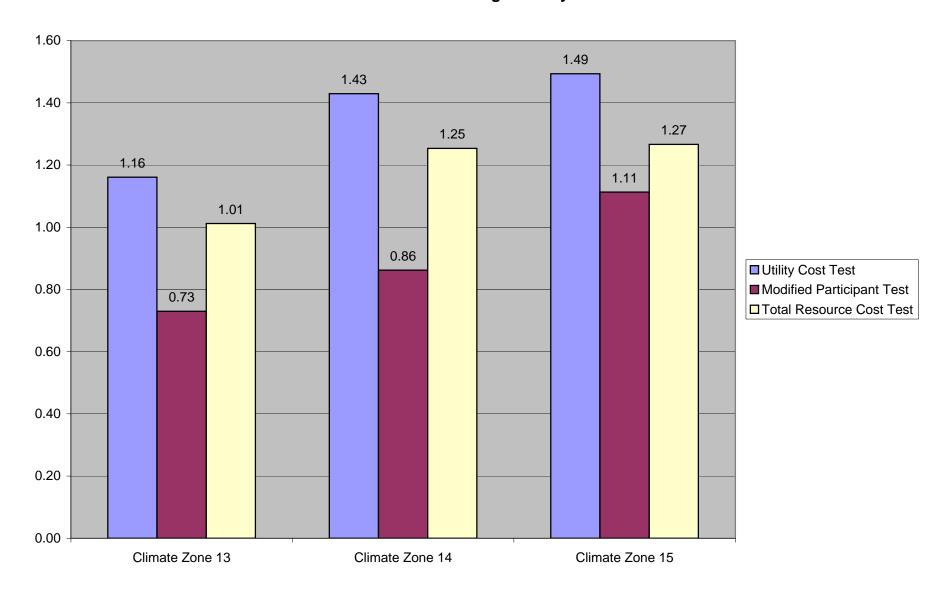
Duct Test & Seal Single Family 2011



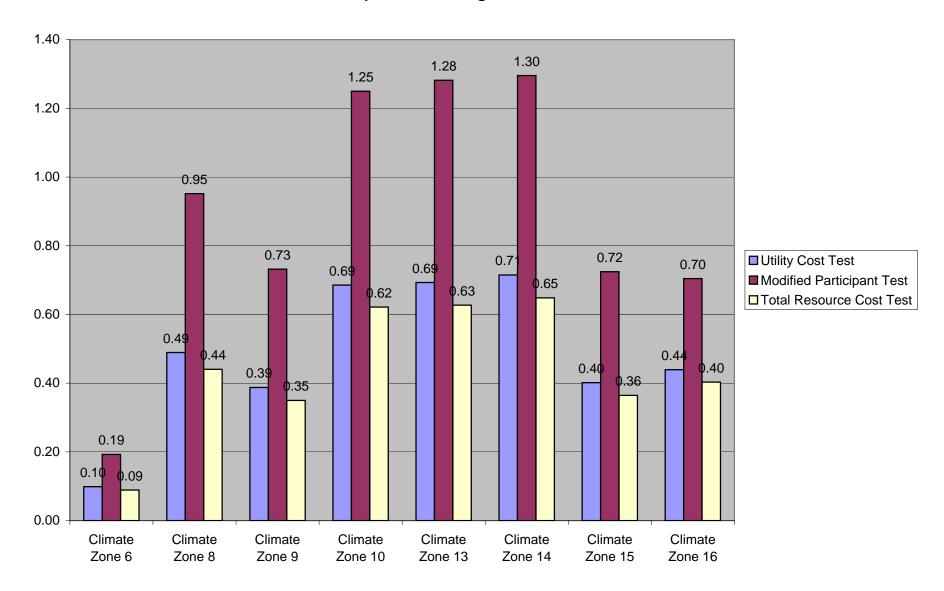
Duct Test & Seal Single Family 2010



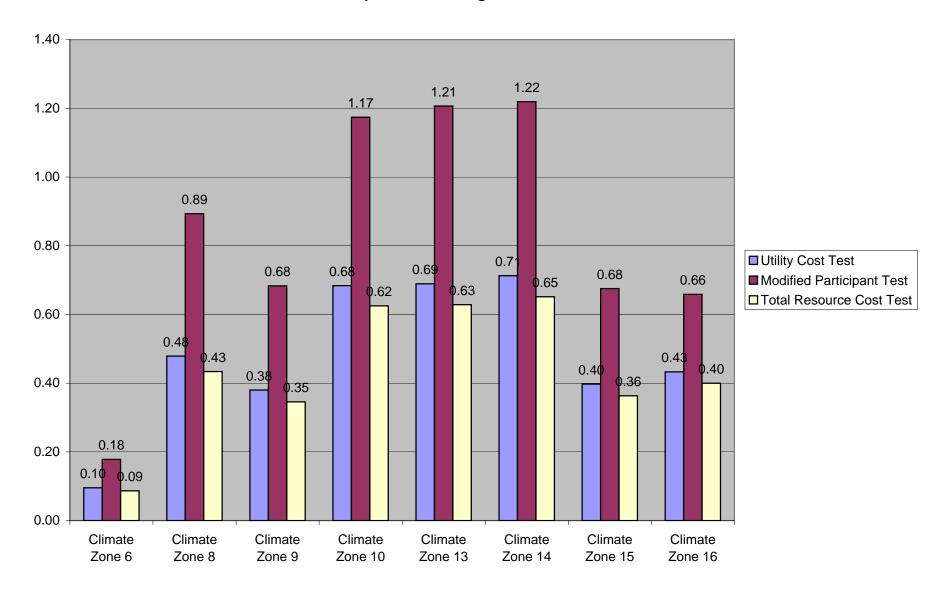
Duct Test & Seal Single Family 2009



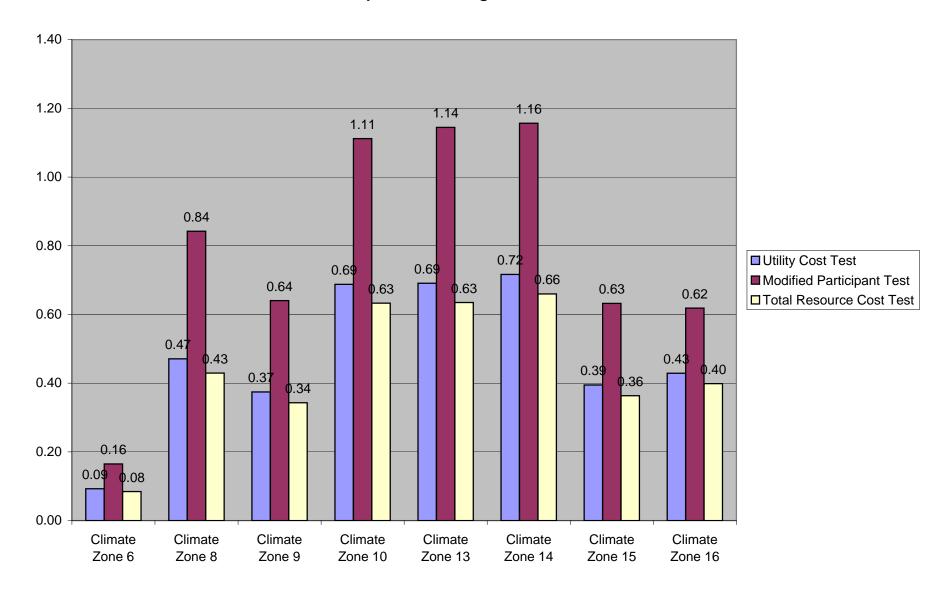
Envelope & Air Sealing Mobile Home 2011



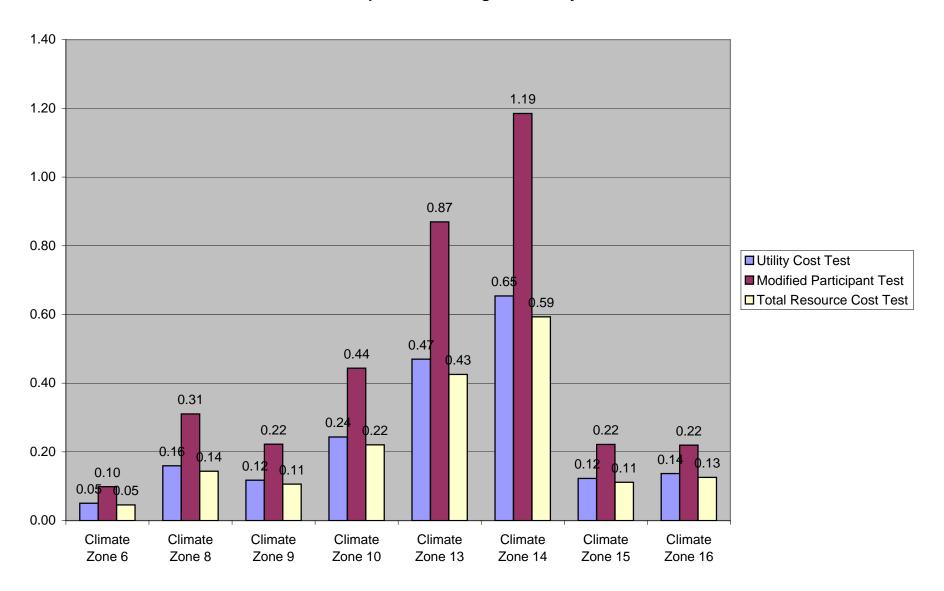
Envelope & Air Sealing Mobile Home 2010



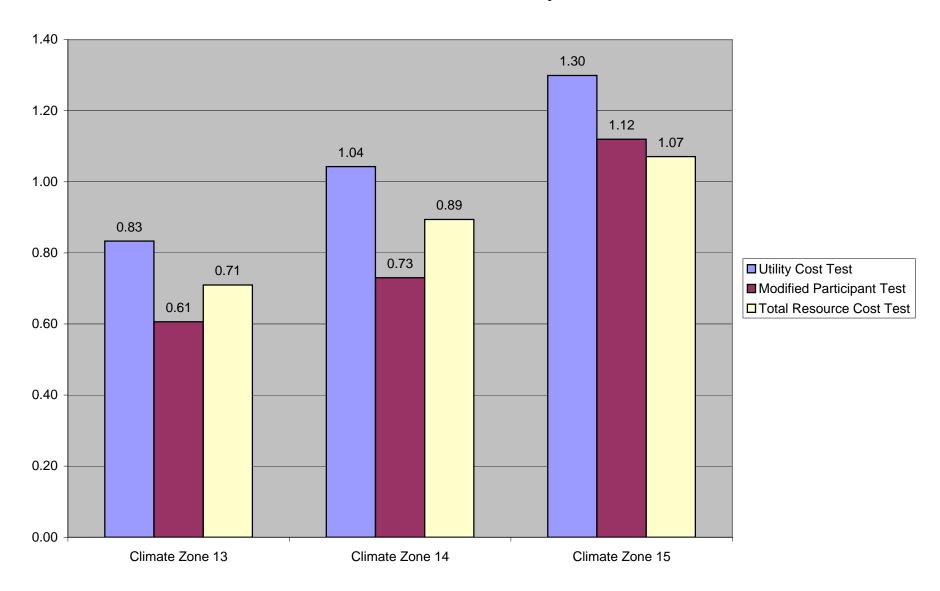
Envelope & Air Sealing Mobile Home 2009



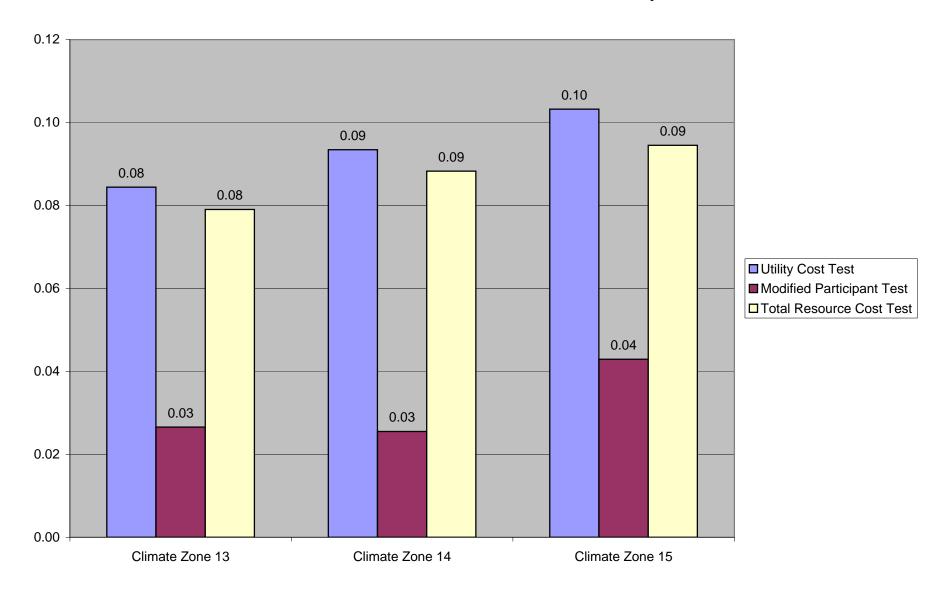
Envelope & Air Sealing Multifamily 2011



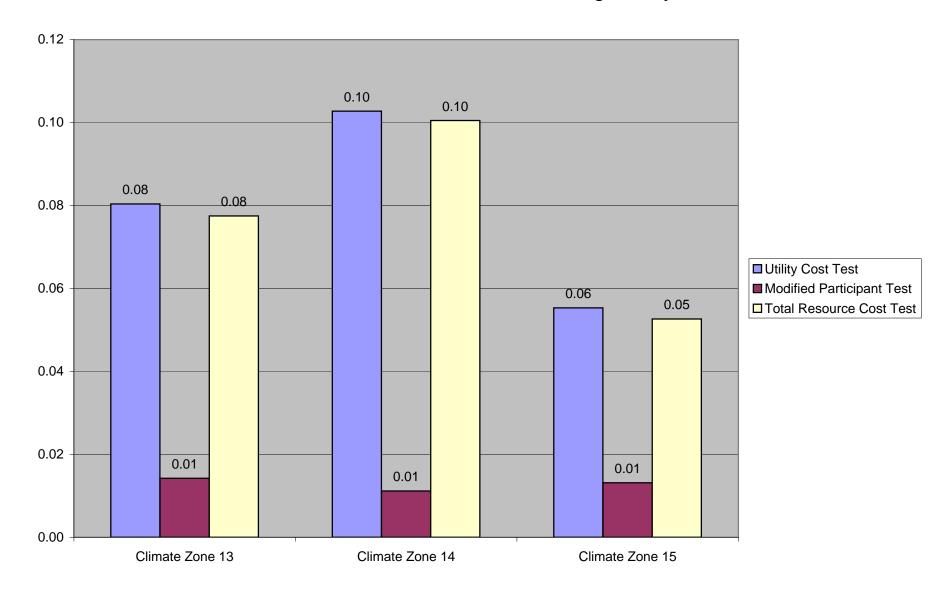
Duct Test & Seal Multifamily 2011



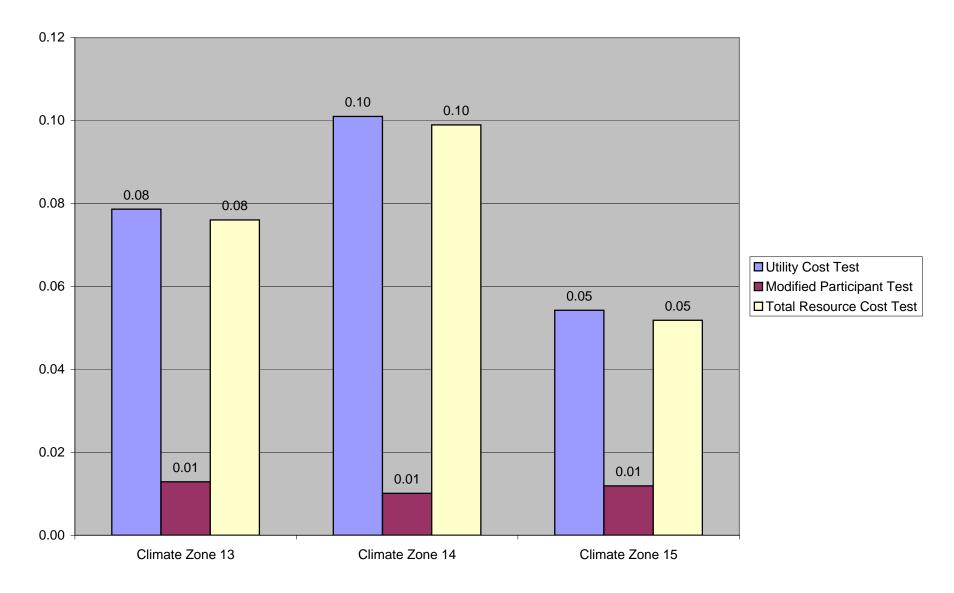
New Construction Low Income 13-16 SEER Multifamily 2010



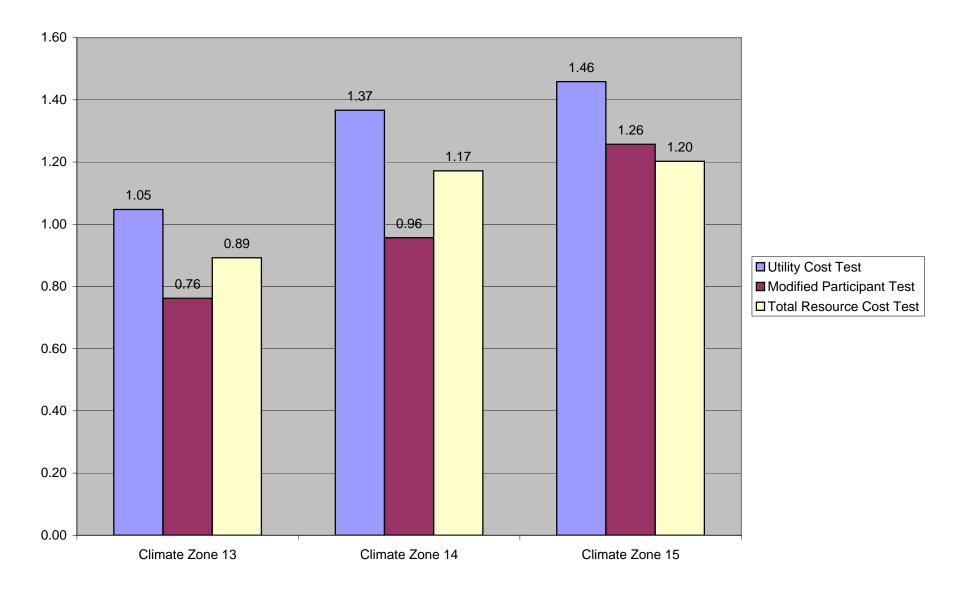
New Construction Low Income 13-16 SEER Single Family 2011



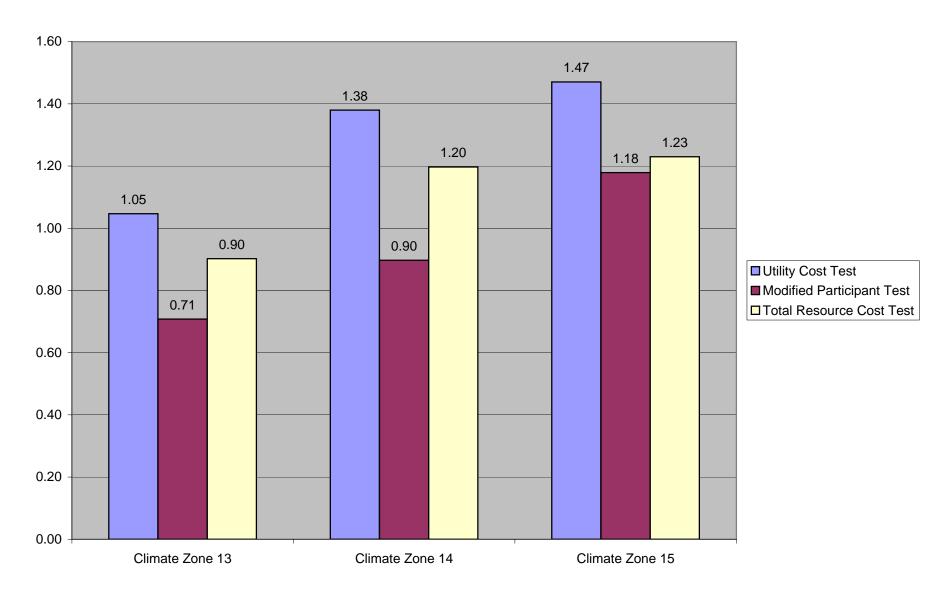
New Construction Low Income 13-16 SEER Single Family 2009



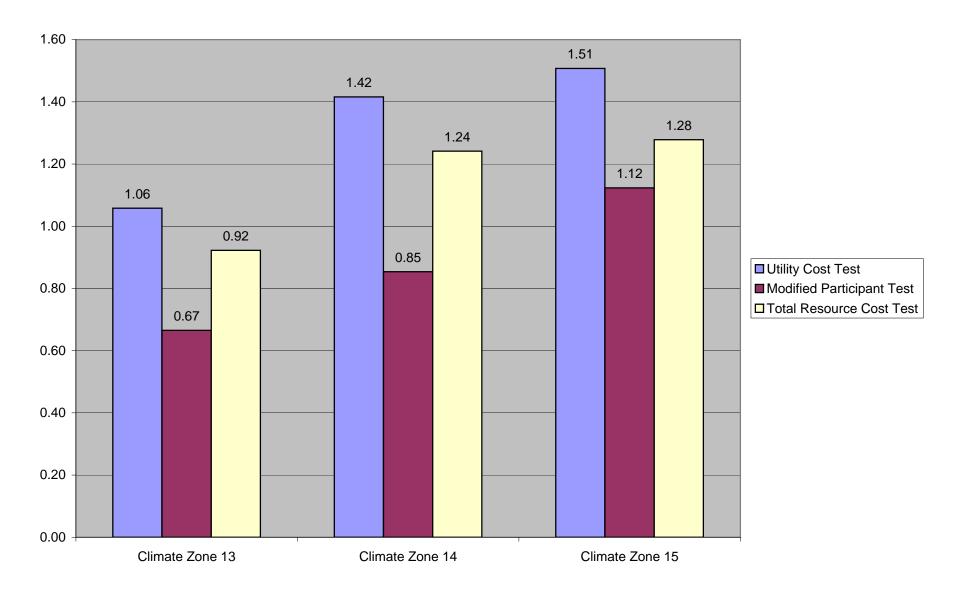
Duct Test & Seal Mobile Home 2011



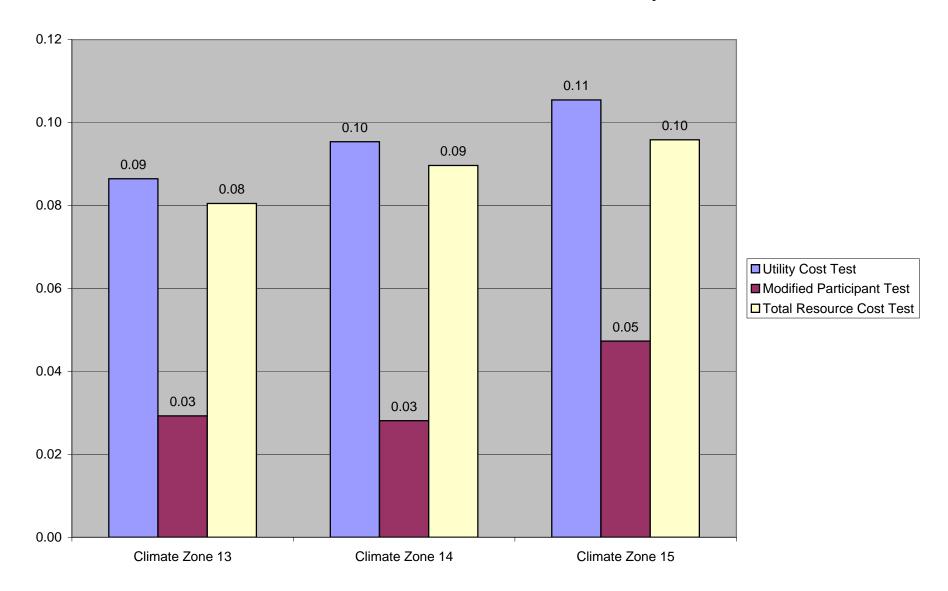
Duct Test & Seal Mobile Home 2010

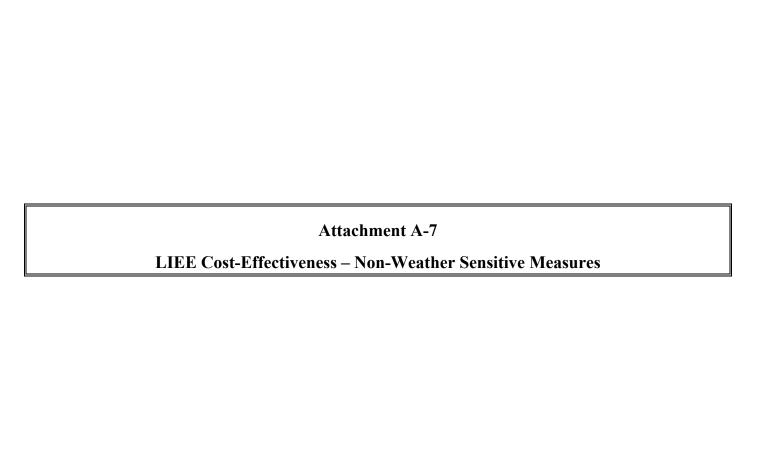


Duct Test & Seal Mobile Home 2009



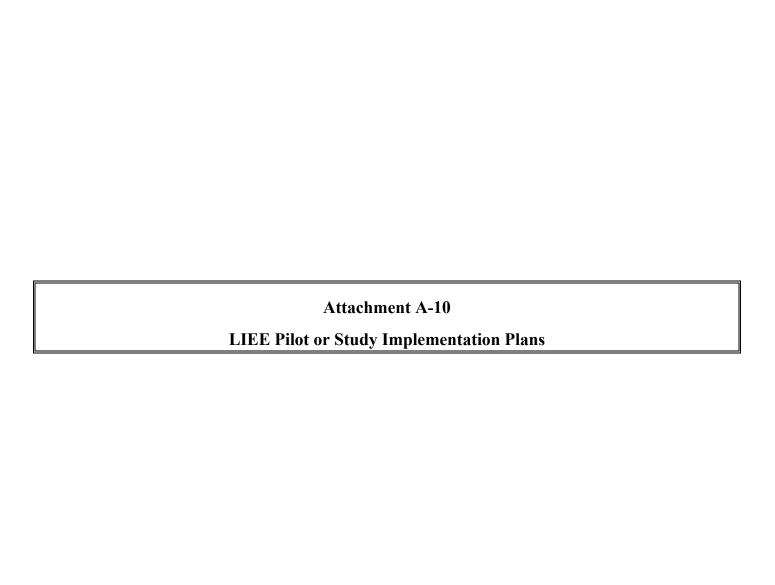
New Construction Low Income 13-16 SEER Multifamily 2011





Attachment A-7

	Α	В	С	D	Е	F	G	Н	I	J	K	
1	LIEE Cost-Effectiveness - Non Weather Sensitive Measures											
2	2 Southern California Edison											
3												
4	Ratio of Benefits Over Costs											
5			Utility Cost Test				ied Participant	Total Resource Cost Test				
6			2009 2010 2011		2009	2009 2010 2011		2009	2010	2011		
		r Heater Conservation										
8		Single Family, Electric	1.57	1.55	1.55	2.28	2.40	2.56	1.22	1.18	1.15	
9		Multifamily, Electric	1.08	1.08	1.09	1.56	1.67	1.80	0.84	0.82	0.81	
10		Mobile Home, Electric	1.33	1.32	1.32	1.92	2.04	2.19	1.03	1.00	0.98	
		(Screw-In)	,	T								
12		Single Family, Electric	1.40	1.38	1.38	1.51	1.61	1.73	1.09	1.05	1.03	
13		Multifamily, Electric	1.40	1.38	1.38	1.51	1.61	1.73	1.09	1.05	1.03	
14		Mobile Home, Electric	1.40	1.38	1.38	1.51	1.61	1.73	1.09	1.05	1.03	
		res (Exterior Pin-based CFLs)										
16		Single Family, Electric	1.50	1.48	1.49	1.78	1.88	2.02	1.13	1.10	1.07	
17		Multifamily, Electric	1.50	1.48	1.49	1.78	1.88	2.02	1.13	1.10	1.07	
18		Mobile Home, Electric	1.50	1.48	1.49	1.78	1.88	2.02	1.13	1.10	1.07	
		nieres										
20		Single Family, Electric	1.55	1.52	1.52	1.74	1.85	1.98	1.19	1.15	1.12	
21		Multifamily, Electric	1.55	1.52	1.52	1.74	1.85	1.98	1.19	1.15	1.12	
22		Mobile Home, Electric	1.55	1.52	1.52	1.74	1.85	1.98	1.19	1.15	1.12	
		gerators										
24		Single Family, Electric	1.00	1.00	1.01	1.11	1.19	1.28	0.77	0.76	0.75	
25		Multifamily, Electric	0.86	0.87	0.89	0.96	1.04	1.12	0.67	0.66	0.66	
26		Mobile Home, Electric	1.02	1.02	1.04	1.13	1.22	1.31	0.79	0.78	0.77	
		Pumps										
28		All Housing Types, Electric	0.98	0.97	0.98	0.89	0.96	1.03	0.80	0.78	0.77	
29												
30	* Inclu	ude information on each proposed meas	ure, type o	f home (ie.	Single Fa	mily, Multi Fam	ily, Mobile Home	e), and electric	or gas (if			
31	applic	cable).		`	-	-			- •			

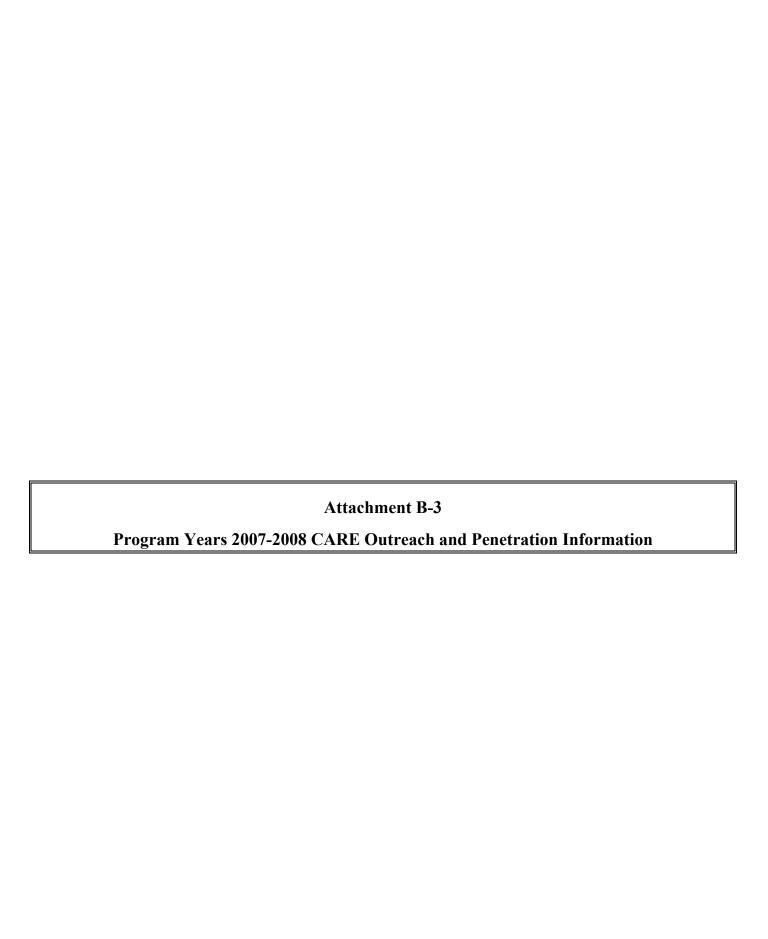


- Evaluate areas of customer and trade ally satisfaction/dissatisfaction.
- Identify barriers and obstacles to meeting program goals.
- Characterize attitudes and energy-saving behaviors of targeted customers and assess their willingness to participate in energy saving programs.
- Provide recommendations for improving programs.
- Determine the effectiveness and efficiency of the new program design and operations.
- Assess customer willingness to participate in energy saving programs and how our low-income customers respond to Marketing Education &Outreach (ME&O) efforts.
- As a review of program activities during the first year of the 2009-2011 Programmatic Initiative, the process evaluation will play a very important role in evaluating Joint Utility program processes and how they align with the Initiative. The Process Evaluation will also include an education, marketing and outreach component. The Joint Utilities believe that these elements will guide program ME&O by better positioning the Joint Utilities to undertake comprehensive and consistent ME&O efforts through direct and indirect customer contact.

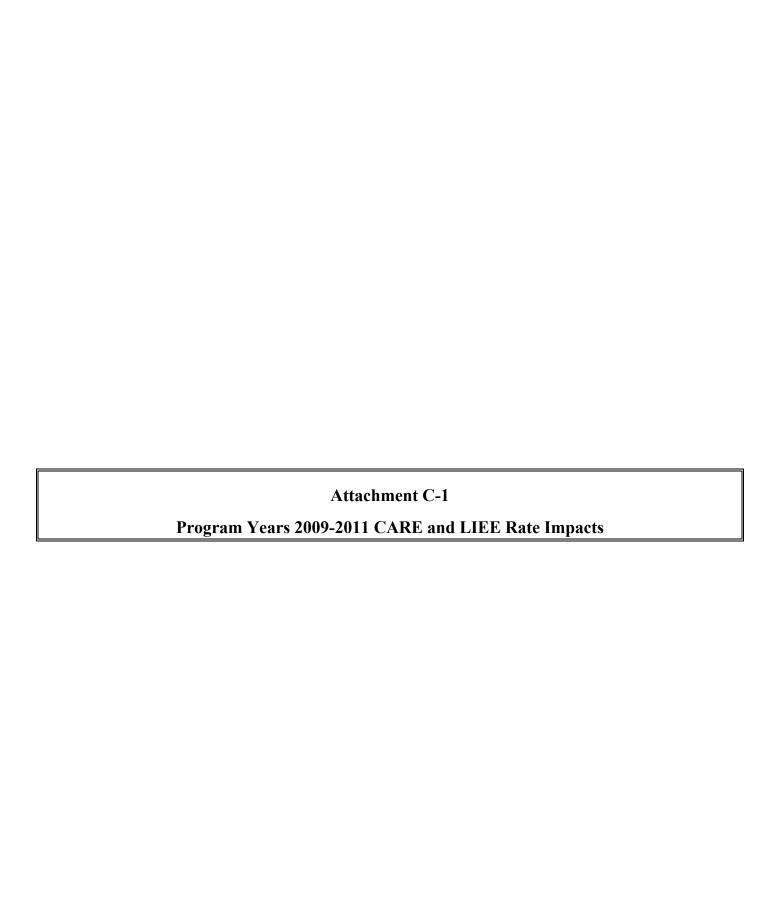
4. Pilot or Study Rationale and Expected Outcome

- A process evaluation is recommended by the Joint Utilities because one has not been done for several years, and with the changes in the program, it would be prudent to conduct an evaluation of the effectiveness and efficiency of the program design and operations. 60
- Furthermore, an assessment of the effectiveness of the program strategy will provide an opportunity to refine and improve delivery and implementation in order to meet the goals of the strategic plan and other initiatives. In addition, understanding customer attitudes toward

The Commission-adopted California Energy Efficiency Evaluation Protocols document states, "It is anticipated that most programs will have at least one in-depth comprehensive process evaluation within each program funding cycle (e.g., 2006-2008), but a program may have more or less studies depending on the issues that the IOUs need to research, the timing of the information needed and the importance of those issues within the program cycle." "It is anticipated that most programs will have at least one in depth comprehensive process evaluation within each program funding cycle (e.g., 2006-2008), but a program may have more or less studies depending on



	А	В	С	D	Е	F	G			
1	PY 2007-2008 CARE Outreach and Penetration Information									
2	Southern California Edison									
3	Countries Camornia Edicon									
	CARE PY 2007									
5	57.11.2 1 1 2001				Fatimatad	Fatimatad	Danasut of			
		Non-	Labor	Total	Estimated Number of	Estimated Number of	Percent of New			
	Outreach Method	Labor	Cost	Cost	Customers	Customers	Enrollments			
		Cost	Cost	Cost	Reached	Enrolled	for PY 2007			
6										
-	Direct Mail Campaigns	680,000		680,000	107,627	72,629	67%			
	Capitation	27,000		27,000	3,663	2,127	58%			
	Postage re: Direct Mail, Customer									
_	Correspondence, etc.	830,000		830,000	288,000	191,000	66%			
$\overline{}$	Collateral Materials	107,000		107,000	5 500	1.000	400/			
	Events Events	33,000		33,000	5,500	1,033	19%			
	Data Exchange*	0		0	82,000	39,000	48%			
	EMA Contractors	U	110 000		2,696	2,323	86%			
14 15	Labor		116,000	116,000						
16	Total	¢4 677 000	¢446 000	\$1,793,000	489,486	308,112	63%			
		\$1,677,000	\$110,000	\$1,793,000	409,400	300,112	03 /0			
	*Costs captured within labor									
19	CARE PY 2008									
20		Non-			Estimated	Estimated	Percent of			
20	Outreach Method		Labor	Total	Number of	Number of	New			
		i apor		A 1	O	A	Emmallus austa			
1 1	Outreach Method	Labor Cost	Cost	Cost	Customers	Customers	Enrollments			
21	Outleach Method	Cost	Cost	Cost	Reached	Enrolled	for PY 2008			
21 22		Cost	Cost		Reached	Enrolled	for PY 2008			
22	Direct Mail Campaigns	Cost 800,000	Cost	800,000 500,000						
22 23		Cost	Cost	800,000	Reached 125,000	Enrolled 84,000	for PY 2008 67%			
22 23	Direct Mail Campaigns Capitation	Cost 800,000	Cost	800,000	Reached 125,000	Enrolled 84,000	for PY 2008 67%			
22 23 24	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer	800,000 500,000	Cost	800,000 500,000	125,000 55,000	84,000 35,000	67% 64%			
22 23 24 25	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc.	800,000 500,000	Cost	800,000 500,000	125,000 55,000	84,000 35,000	67% 64%			
22 23 24 25 26 27	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange*	800,000 500,000 500,000	Cost	800,000 500,000 500,000	Reached 125,000 55,000 200,000	84,000 35,000 140,000	67% 64% 70%			
22 23 24 25 26 27 28	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts	800,000 500,000 500,000 26,000 0	Cost	800,000 500,000 500,000 26,000 0	Reached 125,000 55,000 200,000	84,000 35,000 140,000 1,650	for PY 2008 67% 64% 70% 33% 80%			
22 23 24 25 26 27 28 29	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System	800,000 500,000 500,000 26,000 0 33,000	Cost	800,000 500,000 500,000 26,000 0 33,000	Reached 125,000 55,000 200,000 5,000 10,000 5,000	84,000 35,000 140,000 1,650 8,000 3,600	70% 33% 80% 72%			
22 23 24 25 26 27 28 29	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System Online Applications	800,000 500,000 500,000 26,000 0		800,000 500,000 500,000 26,000 0 33,000	Reached 125,000 55,000 200,000 5,000 10,000	84,000 35,000 140,000 1,650	for PY 2008 67% 64% 70% 33% 80%			
22 23 24 25 26 27 28 29 30 31	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System	800,000 500,000 500,000 26,000 0 33,000	100,000	800,000 500,000 500,000 26,000 0 33,000	Reached 125,000 55,000 200,000 5,000 10,000 5,000	84,000 35,000 140,000 1,650 8,000 3,600	70% 33% 80% 72%			
22 23 24 25 26 27 28 29 30 31 32	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System Online Applications Labor	800,000 500,000 500,000 26,000 0 33,000	100,000	800,000 500,000 500,000 26,000 0 33,000 0 100,000	Reached 125,000 55,000 200,000 5,000 10,000 5,000 25,000	84,000 35,000 140,000 1,650 8,000 3,600 20,000	67% 64% 70% 33% 80% 72% 80%			
22 23 24 25 26 27 28 29 30 31 32 33	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System Online Applications Labor Total	800,000 500,000 500,000 26,000 0 33,000	100,000	800,000 500,000 500,000 26,000 0 33,000	Reached 125,000 55,000 200,000 5,000 10,000 5,000	84,000 35,000 140,000 1,650 8,000 3,600	70% 33% 80% 72%			
22 23 24 25 26 27 28 29 30 31 32 33 34	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System Online Applications Labor Total *Costs captured within labor	800,000 500,000 500,000 26,000 0 33,000 0	100,000	800,000 500,000 500,000 26,000 0 33,000 0 100,000 \$1,959,000	Reached 125,000 55,000 200,000 5,000 10,000 5,000 25,000 425,000	84,000 35,000 140,000 1,650 8,000 3,600 20,000	67% 64% 70% 33% 80% 72% 80%			
22 23 24 25 26 27 28 29 30 31 32 33 34 35	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System Online Applications Labor Total *Costs captured within labor * Utilities may but are not required to include e	800,000 500,000 500,000 26,000 0 33,000 0 \$1,859,000	100,000	800,000 500,000 500,000 26,000 0 33,000 0 100,000 \$1,959,000	Reached 125,000 55,000 200,000 5,000 10,000 5,000 25,000 425,000	84,000 35,000 140,000 1,650 8,000 3,600 20,000	67% 64% 70% 33% 80% 72% 80%			
22 23 24 25 26 27 28 29 30 31 32 33 34 35	Direct Mail Campaigns Capitation Postage re: Direct Mail, Customer Correspondence, etc. Collateral Materials Events Data Exchange* EMA Contractors & MEO Alignment Efforts Transit Surveillance System Online Applications Labor Total *Costs captured within labor	Cost 800,000 500,000 500,000 26,000 0 33,000 0 \$1,859,000 estimates on lach.	100,000 \$100,000	800,000 500,000 500,000 26,000 0 33,000 0 100,000 \$1,959,000	Reached 125,000 55,000 200,000 5,000 10,000 5,000 25,000 425,000 ach method. Util	84,000 35,000 140,000 1,650 8,000 3,600 20,000 292,250 lities should index	67% 64% 70% 33% 80% 72% 80%			



	А	В	С	D	Е	F	G	Н	1			
1	PY 2009 - 2011 CARE and LIEE Rate Impacts - Electric (cents/kWh)											
2												
3												
	PY 2009											
5 6 7	1 1 2003	Average Rate Excluding CARE/LIEE Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	LIEE Program Portion of Rate	LIEE Administration Portion of Rate	Cool Center Portion of Rate	Total CARE / LIEE / Cool Center Surcharge	Average Rate Including CARE / LIEE Cool Center Surcharge			
8	Residential (non CARE)	18.77	0.27	0.01	0.06	0.01	0.00	0.34	19.11			
9	Residential (CARE)	11.75	-	0.01	0.06	0.01	0.00	0.07	11.83			
	Commercial	16.62	0.27	0.01	0.06	0.01	0.00	0.34	16.96			
	Industrial	12.20	0.27	0.00	0.04	0.01	0.00	0.32	12.52			
	Agricultural	12.54	0.27	0.00	0.04	0.01	0.00	0.32	12.86			
	Lighting	23.20	0.27	0.01	0.06	0.01	0.00	0.34	23.55			
	System	15.82	0.27	0.01	0.05	0.01	0.00	0.33	16.15			
15												
16 17 18 19	PY 2010	Average Rate Excluding CARE/LIEE Surcharge	CARE Subsidy Portion of Rate	CARE Administration Portion of Rate	LIEE Program Portion of Rate	LIEE Administration Portion of Rate	Cool Center Portion of Rate	Total CARE / LIEE / Cool Center Surcharge	Average Rate Including CARE / LIEE Cool Center Surcharge			
20	Residential (non CARE)	19.31	0.28	0.01	0.06	0.01	0.00	0.36	19.67			
	Residential (CARE)	12.02	-	0.01	0.06	0.01	0.00	0.07	12.09			
	Commercial	16.97	0.28	0.01	0.06	0.01	0.00	0.36	17.33			
23	Industrial	12.38	0.28	0.00	0.04	0.01	0.00	0.34	12.72			
24	Agricultural	12.73	0.28	0.00	0.04	0.01	0.00	0.34	13.07			
	Lighting	24.31	0.28	0.01	0.06	0.01	0.00	0.36	24.67			
	System	16.21	0.28	0.01	0.05	0.01	0.00	0.35	16.56			
27						•	•	•				
28	PY 2011	Average Rate Excluding CARE/LIEE	CARE Subsidy Portion of	CARE Administration Portion of Rate	LIEE Program Portion of	LIEE Administration Portion of Rate	Cool Center Portion of Rate	Total CARE / LIEE / Cool Center Surcharge	Average Rate Including CARE / LIEE Cool Center Surcharge			
30 31		Surcharge	Rate		Rate			ŭ				
31 32	Residential (non CARE)	19.72	Rate 0.30	0.01	0.06	0.01	0.00	0.37	20.09			
31 32 33	Residential (CARE)	19.72 12.21	0.30	0.01 0.01	0.06 0.06	0.01	0.00	0.07	20.09 12.29			
31 32 33 34	Residential (CARE) Commercial	19.72 12.21 17.21	0.30	0.01 0.01 0.01	0.06 0.06 0.06	0.01 0.01	0.00 0.00	0.07 0.37	20.09 12.29 17.58			
31 32 33 34 35	Residential (CARE) Commercial Industrial	19.72 12.21 17.21 12.51	0.30 - 0.30 0.30	0.01 0.01	0.06 0.06	0.01	0.00	0.07 0.37 0.35	20.09 12.29 17.58 12.86			
31 32 33 34 35	Residential (CARE) Commercial	19.72 12.21 17.21 12.51 12.85	0.30	0.01 0.01 0.01	0.06 0.06 0.06	0.01 0.01	0.00 0.00	0.07 0.37 0.35 0.35	20.09 12.29 17.58 12.86 13.20			
31 32 33 34 35 36	Residential (CARE) Commercial Industrial	19.72 12.21 17.21 12.51	0.30 - 0.30 0.30	0.01 0.01 0.01 0.00	0.06 0.06 0.06 0.04	0.01 0.01 0.01	0.00 0.00 0.00	0.07 0.37 0.35	20.09 12.29 17.58 12.86			

CERTIFICATE OF SERVICE

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy of ERRATA - TESTIMONY OF SOUTHERN CALIFORNIA EDISION COMPANY (U 338-E) IN SUPPORT OF APPLICATION FOR APPROVAL OF LOW-INCOME ASSISTANCE PROGRAMS AND BUDGETS FOR PROGRAM YEARS 2009-2011 on all parties identified on the attached service list(s). Service was effected by one or more means indicated below:

Transmitting the copies via e-mail to all parties who have provided an e-mail address. First class mail will be used if electronic service cannot be effectuated.

Executed this 16th day of July, 2008, at Rosemead, California.

/s/ Jennifer Alderete

Jennifer Alderete Project Analyst SOUTHERN CALIFORNIA EDISON COMPANY

> 2244 Walnut Grove Avenue Post Office Box 800 Rosemead, California 91770