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2008 FEB 14 AM ID: 32 IDAHO PUBLIC UTILITIES COMMISSION 201 South Main, Suite 2300 Salt Lake City, Utah 84111

February 14, 2008

Re:

#### VIA OVERNIGHT DELIVERY

Idaho Public Utilities Commission 472 West Washington Boise, ID 83702-5983

Attention:	Jean D. Jewell
	Commission Secretary

Case No. PAC-E-08-01 In the Matter of the Application of Rocky Mountain Power for an Increase to the Customer Efficiency Services Rate Adjustment and Enhancement to Energy Efficiency Programs for Commercial, Industrial, Agricultural, and Residential Customers.

Rocky Mountain Power, a division of PacifiCorp, hereby submits for filing an original and seven (7) copies of its Application in the above referenced matter.

Service of pleadings, exhibits, orders and other documents relating to this proceeding should be served on the following:

Brian Dickman Idaho Regulatory Affairs Manager 201 South Main, Suite 2300 Salt Lake City, UT 84111 Telephone: (801) 220-4975 Facsimile: (801) 220-2798 E-mail: Brian.Dickman@PacifiCorp.com Daniel Solander Senior Counsel 201 South Main, Suite 2300 Salt Lake City, UT 84111 Telephone: (801) 220-4014 Facsimile: (801) 220-3299 E-mail: Daniel.Solander@PacifiCorp.com

It is respectfully requested that all formal correspondence and Staff requests regarding this material be addressed to:

By e-mail (preferred):	datarequest@pacificorp.com
By regular mail:	Data Request Response Center PacifiCorp 825 NE Multnomah, Suite 2000 Portland, Oregon 97232

By fax:

(503) 813-6060

Idaho Public Utilities Commission February 14, 2008 Page 2

Any informal inquiries may also be directed to Brian Dickman at 801-220-4975.

Sincerely,

Vice President, Regulation

Enclosures

Daniel E. Solander Senior Counsel 201 South Main, Suite 2300 Salt Lake City UT 84111 Telephone: (801) 220-4014 FAX: (801) 220-3299 Email: daniel.solander@pacificorp.com RECEIVED

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IDAHO PUBLIC UTILITIES COMMISSION

Attorney for Rocky Mountain Power

#### BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

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IN THE MATTER OF THE APPLICATION OF ROCKY MOUNTAIN POWER FOR AN INCREASE TO THE CUSTOMER EFFICIENCY SERVICES RATE ADJUSTMENT AND ENHANCEMENT TO ENERGY EFFICIENCY PROGRAMS FOR COMMERCIAL, INDUSTRIAL, AGRICULTURAL AND RESIDENTIAL CUSTOMERS

CASE NO. PAC-E-08-01

**APPLICATION** 

COMES NOW, Rocky Mountain Power, a division of PacifiCorp (the "Company"), and in accordance with RP 052 and RP 201, *et. seq.*, hereby applies to the Idaho Public Utilities Commission (the "Commission") for approval to: (1) adjust the collection rate of the existing demand-side management ("DSM") cost recovery mechanism (Schedule No. 191); (2) add a new energy efficiency program for Rocky Mountain Power's commercial and industrial customers; and (3) make several enhancements and changes to existing programs for business and residential customers intended to improve program performance. To administer these programs, the Company seeks to revise Schedule Nos. 115, 155, and 191, add new Schedule No. 125, and cancel Schedule Nos. 120 and 122 of its Tariff I.P.U.C. No. 1. The Company proposes to start

offering the new or enhanced programs on April 1, 2008, and proposes the Schedule No. 191 adjustments become effective April 1, 2008.

In support of its Application, Rocky Mountain Power states:

1. Rocky Mountain Power does business as a public utility in the State of Idaho and is subject to the jurisdiction of the Commission with regard to its public utility operations. Rocky Mountain Power also provides retail electric service in the states of Utah and Wyoming.

2. This Application is filed pursuant *Idaho Code* §§ 61-301, -307, -622, and -623. In particular, *Idaho Code* § 61-623 empowers the Commission to determine the propriety of proposed rate schedules, §§ 61-307 and -622 require Commission approval prior to any increase in rates, and § 61-301 requires Idaho retail electric rates to be just and reasonable.

3. This Application is filed in compliance with Customer Information Rule 102 (IDAPA 31.21.02.102). Notices of the proposed rate change will be included with bills starting the week of February 25, 2008 and will continue until all bills have been sent with a notice. The Company estimates this will take approximately 30 days from date of filing. See Attachment 1 for a copy of the customer notice and the press release.

#### BACKGROUND

4. Beginning in 1989, the Company has offered a variety of DSM programs to its customers. These programs have been designed to be cost-effective. On March 2, 2006, the Commission approved an enhanced set of DSM programs and cost recovery through Schedule No. 191 which was applied to customers' bills beginning on May 1, 2006. The collection rate was set at 1.5% which was below the rate estimated to be needed by the Company to fully fund all reasonably available cost-effective resources. The enhanced set of programs was designed to measure Idaho customer's willingness to participate in programs and the Company's ability to deliver cost-effectively.

To manage collection and program expenses during the initial period, the Company did not introduce the Energy FinAnswer program for business customers and tied participation to funding availability for business energy efficiency programs. Funding limits restricted overall participation in the FinAnswer Express program (Schedule No. 115) for business customers and requests for service are currently being added to a waiting list with approximately 20 customers with requests totaling approximately \$180,000. While funding limits have not restricted participation in the Irrigation Energy Savers program (Schedule No. 155) to date, service requests continue to increase.

5. Program performance, including expenditures, savings and assessments of cost-effectiveness, as well as the balancing account activity associated with Schedule No. 191 for the period from January 12, 2006 through March 31, 2007 was provided in the *Annual Report of Idaho Demand Side Management Activities* filed May 1, 2007, under Case No. PAC-E-05-10.

The energy efficiency programs in place in 2007 were cost-effective based on a preliminary assessment using actual expenditures and achieved savings for 2007. The results from this preliminary assessment are included in Attachment 2. The Irrigation Load Control Credit Rider program was cost-effective for 2007 using actual costs and achieved capacity reductions. This information was provided to the Commission on December 19, 2007. The DSM annual report for 2007 will be filed with the Commission

on or before March 15, 2008, and will contain complete information on the 2007 program performance.

6. The Company contracted with Quantec, LLC to perform a DSM potential assessment study to address the potential for DSM-related resource opportunities in all six states served by PacifiCorp, across all customer sectors, and for all types of DSM resources, i.e., capacity and energy. In June 2007, the Company received the final report, *Assessment of Long-Term System-Wide Potential for Demand Side and Other Supplemental Resources* (the "Potential Study"). The Potential Study indicates for a 20-year period, based on preliminary cost-effectiveness screens and third party assumptions surrounding participation, the average annual target for Idaho energy efficiency resources is 13,140 MWh per year. This is higher than the approximately 8,000 MWh acquired in 2007 with the existing programs funded at the currently authorized collection amount.

7. As part of the Idaho general rate case, Case No. PAC-E-07-05, the Company agreed to revisit the valuation methodology used to determine the credits available for Irrigation Load Control Credit Rider participants (Schedule No. 72A) when a dispatchable provision was included. The settlement stipulation approved by the Commission included increased incentive credits in Schedule No. 72A. Consequently, participation is expected to increase to approximately 150MW in 2008 and beyond. These participation increases drive a resultant increase in field equipment and delivery expenses that cannot be accommodated with the current collection rate while also maintaining the balancing account balance close to zero annually.<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> The customer incentives for the Irrigation Load Control Credit Rider program are recovered through base rates rather than through the Schedule No. 191 Customer Efficiency Services Rate Adjustment. This treatment is different than load management or energy efficiency program investments in the Company's

8. The factors described above have caused the Company to prepare this Application to adjust the collection rate, enhance existing programs and add a new program offering for business customers.

#### **DESCRIPTION OF REVISIONS**

#### 9.

#### Schedule No. 191 – "Customer Efficiency Services"

The Company proposes to adjust the collection rate for this Schedule No. 191 from 1.5% to 3.72% of retail revenue for a net increase of 2.22%. This collection rate is designed to fund projected program activity for 2008 and 2009 and retire the current back balance of \$349,000 by the end of 2009, for an average of \$4.86 million per year. As noted, it does not fund an estimated \$3.9 million in Schedule No. 72A irrigation load management incentives currently recovered in the Company's base rates.

Administration of the balancing account, including carrying charges, prudence review, and separating these costs from the revenue requirements in general rate cases would continue as outlined in Order No. 29976.

#### 10. Schedule No. 115 – FinAnswer Express

The FinAnswer Express program has been available to Idaho customers since January 2006 and provides prescriptive incentives for common energy efficiency measures with minimal transaction complexity. It is designed to operate in conjunction with the Energy FinAnswer program, as it does in the Company's other jurisdictions. However, in Idaho it has been the only option available for non-irrigation business customers. As a result, requests for service and incentives exceed available funding and current requests are being placed on a waiting list pending additional funding.

other jurisdictions. While the Company intends to address this at some point, it is not part of this Application.

Enhancements proposed in this filing are based on proven program design and delivery experience in other jurisdictions. The changes are designed to increase participation and reflect best available data on market costs and appropriate incentive levels. These changes: (1) add new measures eligible for prescriptive incentives; (2) add a separate incentive table for lighting retrofits and new construction/major renovation; and (3) revise some delivery mechanisms, including moving premium efficiency motors from point of purchase to post-purchase, and modifying new construction/major renovation lighting from a pre-purchase incentive agreement to post-purchase incentive application. In addition, the application of percentage of project cost incentive caps moves from the measure level to the project level.

Similar to the services provided by the Company in its other jurisdictions, the Company is offering sales support functions to assist equipment distributors and contractors in their sales and installation of high efficiency equipment. This capability is being maintained in anticipation of full program funding. Program budgets and savings are included in Attachment 3. Attachment 4 summarizes cost-effectiveness results.

#### 11. Schedule No. 155– Irrigation Energy Savers

Equipment exchange has been the most popular measure and has been available since spring 2006. The only change to Schedule No. 155 proposed in this Application is removal of the "funding availability" language.

Current information indicates customers are now primarily interested in system upgrades, including the installation of variable frequency drives on pumps. Based on the program focus moving from an equipment exchange approach to an analysis based approach, the Company is seeking proposals for program administration to help ensure that program delivery is done by a program administrator with the best combination of competitive pricing, irrigation, and electric energy efficiency experience. The current program administrator will continue to offer the program during this process.

For the purposes of determining cost-effectiveness, costs and savings, the participation mix for the next two years has been shifted to include more variable frequency drives. The program is forecast to be cost-effective. See Attachment 3 for budgets and savings, and see Attachment 4 for the cost-effective analysis.

#### 12. Schedule No. 118 – Home Energy Savings

The Home Energy Savings program has been offered since May 31, 2006, and provides incentives for more efficient products and services for residential customers with new or existing homes. The program encompasses equipment categories including appliances, lighting, cooling equipment, insulation, and windows, and services such as duct sealing and air conditioning equipment tune-ups. Schedule No. 118 is a broad enabling tariff outlining customer eligibility, delivery through a program administrator, and directing customers to a dedicated program web site. While the structure of Schedule No. 118 does not require tariff changes be filed to implement program changes, an overview of the program changes is being provided below for informational purposes. All changes will be posted on the program web site per Schedule No. 118, Provisions of Service 4 and 5, no later than February 15, 2008, with an April 1, 2008 effective date. The web site may be found at <u>www.homeenergysavings.net/idaho/home</u> and provides full information, including incentive levels and eligible equipment specifications.

Measures with highest participation to date include appliances and lighting. Improved market data from program operation since spring of 2006 has generated the following recommendations for changes to increase participation and better align

incentive levels with Idaho market costs.

- Washing machines: Split measure into two tiers for efficiency and incentives.
  - Tier 1: Modified Energy Factor (MEF) 1.72-1.99, \$50 incentive
  - o Tier 2: Modified Energy Factor (MEF) 2.0+, \$100 incentive
- **Dishwashers**: Change 0.68 Energy Factor (EF) to 0.65 EF to align program equipment eligibility with the final ENERGY STAR qualifications of 0.65 EF.
- Water heaters: Equipment eligibility is currently based on tank size. This change would consolidate tank sizes, impose a minimum size of 40 gallons and use a minimum EF of 0.93.
- Lighting: To further increase CFL penetration, including specialty bulbs, and respond to changing CFL prices, the Company is proposing to use the mark-down/buy-down mid-market incentives to bring the final cost to the customer to \$.99 \$2.75 and to offer lighting incentives year round.
- Evaporative cooling: Based on price, availability, ease of installation and experience in other markets, the incentive offer will be adjusted to \$100 for the end user, the contractor incentive will be discontinued, and the measure will be promoted at the retail level.
- Insulation: The initial incentive of \$1.00 per square foot of insulation was based on Regional Technical Forum (RTF) data. Idaho market data indicates costs are lower. The proposed new incentive is \$0.50 per square foot for wall, attic and floor insulation, with a \$650 per home cap.
- **Provide incentives for heat pumps:** Add incentives for either a high efficiency heat pump upgrade (baseline heat pump to high efficiency heat pump) or for the conversion of an electric heating system to a heat pump.
  - o Minimum efficiency requirements are SEER 14; EER 11.5; HSPF 8.2.
  - Customer incentives for upgrades to \$250 with a \$25 dealer incentive.
  - Conversions are eligible for a \$350 customer incentive and a \$25 dealer incentive.

These changes are reflected in the summary of budgets and savings in Attachment 3, and

a cost-effectiveness summary is provided in Attachment 4.

#### **DESCRIPTION OF NEW PROGRAM**

#### 13. Schedule No. 125 – Energy FinAnswer

The Energy FinAnswer program was operational in Idaho as a loan-based energy efficiency program for approximately 15 years, ending January 12, 2006. The Company intended to offer a similar incentive-based program beginning in 2006 as a complement to the FinAnswer Express program. However, the funding limitations prompted the Company to delay introduction of the enhanced program until funding was available. The loan-based program was covered by existing Schedule Nos. 120 and 122, which provided program-funded energy engineering and loans to business customers. In 2006, these Schedules were modified to include "no new service" language to align service requests with available funding. As described below, these Schedules will now be canceled.

In this filing, Rocky Mountain Power proposes to offer the incentive-based Energy FinAnswer program through a new Schedule No. 125, which provides Companyfunded energy engineering, incentives of \$0.12 for first year energy savings (kWh) and \$50 per average monthly demand savings (kW), up to 50% of the approved project cost. This program is designed to target comprehensive projects requiring project specific analysis and will operate as a complement to the FinAnswer Express program. The enhancements are designed to increase new construction participation and early program involvement to capture lost opportunities. Enhancements include design team honorariums (finder fees for new projects) and design team incentives (in addition to enhanced customer incentives) for new construction projects exceeding the current Idaho energy code by at least 10%.

The Energy FinAnswer in Idaho will be comparable to the Company's program in its other jurisdictions. Projected program budgets and savings are outlined in Attachment 3, and the cost-effectiveness of the Energy FinAnswer program is outlined in Attachment 4.

#### PROGRAMS FUNDED BY SCHEDULE 191 NOT CHANGED IN THIS FILING

#### 14. Schedule No. 117 – Refrigerator Recycling

Incentives and the program expiration date for the residential Refrigerator Recycling program were modified in June 2007 through Advice No. 07-09. No further changes to this Schedule are included in this Application. Forecasted expenditures and savings are shown in Attachment 3, and cost-effectiveness is shown in Attachment 4.

#### 15. Schedule No. 21 – Low Income Weatherization Services

The Company's current low income weatherization program has been in place for approximately 15 years. Program changes were made in April 2007 and no additional changes are included in this filing. Forecasted expenditures and savings are shown in Attachment 3, and cost-effectiveness is shown in Attachment 4.

#### 16. Schedule Nos. 72 and 72A – Irrigation Load Control Credit Rider

This program was enhanced per the agreement reached in the Company's general rate case approved by the Commission in Case No. PAC-E-07-05. Additional modifications were proposed in Advice No. 08-01 and approved by the Commission on February 11, 2008. Changes included new incentive levels, reduction in maximum dispatch hours, increase in dispatch duration, and revision of the minimum pump size. The Company continues to work with the Idaho Irrigation Pumpers Association and

Commission staff to refine the methodology used to compute the value of this program and the corresponding calculation of incentive credits provided to participants. No further changes are requested in this Application. Field equipment costs and demand reductions are included in Attachment 3.

#### **DESCRIPTIONS OF TARIFFS BEING CANCELLED**

#### 17. Schedule Nos. 120 and 122 -- Commercial Energy Services

These Schedules were closed to <u>new</u> service with the 2006 filing but remained as approved schedules to administer the loans originated under the Schedules. The remaining loans have now been paid off and the Company is proposing to cancel the Schedules in this filing. As described above, the enhanced Energy FinAnswer program is proposed to be offered through a new Schedule No. 125.

#### TARIFFS AND SUPPORTING DOCUMENTATION

18. Attachment 1 to this application contains Customer Rule 102 implementation information, including the customer notice and the press release. Attachment 2 contains a preliminary cost effectiveness assessment of 2007 program performance; a final assessment will be provided to the Commission no later than March 15, 2008. Attachment 3 contains Rocky Mountain Power's projected program expenditures, and Attachment 4 contains a summary of cost-effective analysis forecasts for 2008-2009, to support proposed Schedule No. 191 collections. Attachment 5 contains Rocky Mountain Power's revised and new Electric Service Schedule Nos. 115, 125, 155, and 191 and canceled Electric Service Schedule Nos. 120 and 122, in both clean and legislative formats. Attachment 6 contains a market characterization and evaluation plan for the new Energy FinAnswer program. Attachment 7 contains a market

characterization report for the FinAnswer Express program. Attachment 8 contains Table A which shows the effect across rate schedules of the proposed Schedule 191 rate change.

#### **MODIFIED PROCEDURE**

16. Rocky Mountain Power believes that consideration of the proposals contained in this Application does not require an evidentiary proceeding, and accordingly the Company requests that this Application be processed under RP 201 allowing for consideration of issues under modified procedure, i.e., by written submissions rather than by an evidentiary hearing.

#### SERVICE OF PLEADINGS

17.

Communications regarding this Application should be addressed to:

Brian Dickman Idaho Regulatory Affairs Rocky Mountain Power 201 South Main Street, Suite 2300 Salt Lake City, UT 84111 Telephone: (801) 220-4975 Facsimile: (801) 220- 2798 E-mail: brian.dickman@pacificorp.com

Daniel E. Solander Senior Counsel Rocky Mountain Power 201 South Main Street, Suite 2300 Salt Lake City UT 84111 Telephone: (801) 220-4014 Facsimile: (801) 220-3299 E-mail: daniel.solander@pacificorp.com

In addition, Rocky Mountain Power respectfully requests that all data requests regarding this matter be addressed to:

By e-mail (preferred):

By regular mail:

#### datarequest@pacificorp.com

Data Request Response Center PacifiCorp 825 NE Multnomah, Suite 2000 Portland, OR 97232

By facsimile:

(503) 813-6060

Informal inquires also may be directed to Brian Dickman at (801) 220-4975.

#### **CONCLUSION**

WHEREFORE, Rocky Mountain Power respectfully requests that the Commission issue its Order under Modified Procedure approving new DSM tariff Schedule No. 125, revised existing tariff Schedule Nos. 115, 155, and 191, and canceling existing tariff Schedule Nos. 120 and 122 as described herein.

DATED this 14<sup>th</sup> day of February, 2008.

Respectfully submitted,

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Daniel E. Solander Attorney for PacifiCorp

**APPLICATION OF ROCKY MOUNTAIN POWER - 13** 

## Attachment 2

# PRELIMINARY 2007 PROGRAM COST EFFECTIVENESS

Attachment 2

Idaho 2007 Demand-Side Management Program Cost Effective Analysis

Total Portfolio		<b>Overall Results</b>			
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	Levelized S/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
<b>Fotal Resource Cost Test (TRC) + Conservation Adder</b>	0.0567	\$ 1,383,925	\$ 2,190,142	\$ 806,217	1.583
Total Resource Cost Test (TRC) no Adder	0.0567	\$ 1,383,925	\$ 1,991,038	\$ 607,113	1.439
Utility Cost Test (UCT)	0.0366	\$ 892,718	\$ 1,991,038	\$ 1,098,321	2.230
Rate Impact Measure (RIM)		\$ 2,769,122	\$ 1,991,038	\$ (778,084)	0.719
Participant (PCT)		\$ 491,208	\$ 2,391,580	\$ 1,900,372	4.869
LifeCycle Revenue Impacts (\$/kWh)				\$ 0.0000186806	

Residential Portfolio		<b>Overall Results</b>			
	Levelized S/kWh	Costs	Benefits	Net Benefits	<b>Benefit/Cost Ratio</b>
Total Resource Cost Test (TRC) + Conservation Adder	0.0563	\$ 478,492	\$ 686,545	\$ 208,053	1.435
Total Resource Cost Test (TRC) no Adder	0.0563	\$ 478,492	\$ 624,132	\$ 145,640	1.304
Utility Cost Test (UCT)	0.0549	\$ 466,445	\$ 624,132	\$ 157,687	1.338
Rate Impact Measure (RIM)		\$ 1,099,383	\$ 624,132	\$ (475,251)	0.568
Participant (PCT)		\$ 12,047	\$ 831,605	\$ 819,557	69.029
LifeCycle Revenue Impacts (\$/kWh)				\$ 0.0000138435	

Non-residential portfolio		<b>Overall Result</b>	S				
			£	i			
	Levenzed 3/kwn	COSTS	Ben	elits	Net Benefits	Benenu/Cost Rau	
Total Resource Cost Test (TRC) + Conservation Adder	0.0571	\$ 905,4	33 \$	1,503,597	\$ 598,163		1.661
Total Resource Cost Test (TRC) no Adder	0.0571	\$ 905,4	33 \$	1,366,906	\$ 461,473		1.510
Utility Cost Test (UCT)	0.0269	\$ 426,2	73 \$	1,366,906	\$ 940,633	-	3.207
Rate Impact Measure (RIM)		\$ 1,669,7	39 \$	1,366,906	\$ (302,833)	J	6199
Participant (PCT)		\$ 479,1	61 \$	1,559,975	\$ 1,080,814	Annual Contraction of the second s	3:256
LifeCycle Revenue Impacts (\$/kWh)					\$ 0.0000057184	DÍT	E
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Home Energy Savings Program		<b>Overall Results</b>		AC: IRP 60% loa	d factor Decrement
			į		
	Levelized S/kWh	Costs	Benetits	Net Benelits	Benenit/Cost Kano
Total Resource Cost Test (TRC) + Conservation Adder	0.0716	\$ 290,957	\$ 335,396	\$ 44,440	1.153
Total Resource Cost Test (TRC) no Adder	0.0716	\$ 290,957	\$ 304,906	\$ 13,949	1.048
Utility Cost Test (UCT)	0.0632	\$ 256,753	\$ 304,906	\$ 48,153	1.188
Rate Impact Measure (RIM)		\$ 567,131	\$ 304,906	\$ (262,225)	0.538
Participant (PCT)		\$ 34,024	\$ 409,145	\$ 374,941	11.962
LifeCycle Revenue Impacts (\$/kWh)				\$ 0.0000025832	

See ya later		<b>Overall Results</b>		AC: IRP 46% Lo	ad Factor Decrement
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Fotal Resource Cost Test (TRC) + Conservation Adder	0.0307	\$ 92,964	\$ 235,636	\$ 142,673	2.535
Fotal Resource Cost Test (TRC) no Adder	0.0307	\$ 92,964	\$ 214,215	\$ 121,251	2.304
Utility Cost Test (UCT)	0.0380	\$ 115,120	\$ 214,215	\$ 99,094	1.861
Rate Impact Measure (RIM)		\$ 346,662	\$ 214,215	\$ (132,447)	0.618
Participant (PCT)		\$ (22,157)	\$ 288,359	\$ 310,516	n/a
LifeCycle Revenue Impacts (\$/kWh)				\$ 0.0000038580	

Low Income Weatherization		<b>Overall Results</b>	-	AC: IRP 46% L0	ad Factor Decrement
	Levelized S/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (TRC) + Conservation Adder	0.0655	\$ 94,572	\$ 115,513	\$ 20,941	1.221
Total Resource Cost Test (TRC) no Adder	0.0655	\$ 94,572	\$ 105,011	\$ 10,439	1.110
Utility Cost Test (UCT)	0.0655	\$ 94,572	\$ 105,011	\$ 10,439	1.110
Rate Impact Measure (RIM)		\$ 185,590	\$ 105,011	\$ (80,579)	0.566
Participant (PCT)		•	\$ 134,101	\$ 134,101	n/a
LifeCycle Revenue Impacts (\$/kWh)				\$ 0.0000015216	

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				-	
FinAnswer Express		<b>Overall Result</b>		AC: IRP 65% Lo	ad Factor Decrement
	Levelized S/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (TRC) + Conservation Adder	0.0388	\$ 518,32	4 \$ 932,747	\$ 414,423	1.800
Total Resource Cost Test (TRC) no Adder	0.0388	\$ 518,32	4 \$ 847,952	\$ 329,628	1.63(
Utility Cost Test (UCT)	0.0127	<u>s 169,55</u>	0 \$ 847,952	\$ 678,432	5.002
Rate Impact Measure (RIM)		s 1,077,02	7 \$ 847,952	\$ (229,076)	0.78
Participant (PCT)		\$ 348,8(	4 \$ 1,156,506	\$ 807,702	3.31(
LifeCycle Revenue Impacts (\$/kWh)				\$ 0.0000050477	

Irrigation Energy Savers		<b>Overall Results</b>	-	AC: IRP 16% Loi	nd Factor Decrement
	Levelized S/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (TRC) + Conservation Adder	0.0793	\$ 387,109	\$ 570,850	\$ 183,741	1.475
Total Resource Cost Test (TRC) no Adder	0.0793	\$ 387,109	\$ 518,954	\$ 131,845	1.341
Utility Cost Test (UCT)	0.0526	\$ 256,753	\$ 518,954	\$ 262,202	2.021
Rate Impact Measure (RIM)		\$ 592,711	\$ 518,954	\$ (73,757)	0.876
Participant (PCT)		\$ 130,357	\$ 403,469	\$ 273,112	3.095
LifeCycle Revenue Impacts (\$/kWh)				\$ 0.0000031180	

## Attachment 3

# 2008/2009 PROGRAM BUDGETS AND SAVINGS