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September 4, 2009 PUBLIC SERVICE COMMISSION

### Via Hand-Delivery

Mr. Jeff Derouen Executive Director Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40602

Re: PSC Case No. 2009-00249

Dear Mr. Derouen:

Please find enclosed for filing with the Commission in the above-referenced case an original and seven copies of the responses of East Kentucky Power Cooperative, Inc. ("EKPC") to the Initial Data Request of Commission Staff dated August 21, 2009.

Very truly yours,

David Smart General Counsel

Enclosures



### COMMONWEALTH OF KENTUCKY

### BEFORE THE PUBLIC SERVICE COMMISSION

### In the Matter of:

APPLICATION OF EAST KENTUCKY POWER	)	
COOPERATIVE, INC. FOR CONTINUATION OF	)	CASE NO.
TOUCHSTONE ENERGY MANUFACTURED	)	2009-00249
HOME PROGRAM	)	

RESPONSES TO COMMISSION STAFF'S INITIAL DATA REQUEST TO EAST KENTUCKY POWER COOPERATIVE, INC.

DATED AUGUST 21, 2009

### COMMONWEALTH OF KENTUCKY

### BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:		
APPLICATION OF EAST KENTUCKY POWER COOPERATIVE, INC. FOR CONTINUATION OF THE TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM	)	CASE NO. 2009-00249
CERTIFICATE		
STATE OF RHODE ISLAND )		

John F. Farley, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Initial Data Requests in the above-referenced case dated August 21, 2009, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Subscribed and sworn before me on this Zou day of Septe

Notary Public

My Commission expires:

COUNTY OF PROVIDENCE

MICHAEL L. SCHEIN Notary Public, State of Rhode Island My Commission Expires April 5, 2013

### COMMONWEALTH OF KENTUCKY

### BEFORE THE PUBLIC SERVICE COMMISSION

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APPLICATION OF EAST KENTUCKY POWER COOPERATIVE, INC. FOR CONTINUATION OF THE TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM	) ) )	CASE NO. 2009-00249
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### **CERTIFICATE**

STATE OF KENTUCKY	)
	)
COUNTY OF CLARK	)

Jeffry E. Hohman, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Initial Data Requests in the above-referenced case dated August 21, 2009, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Subscribed and sworn before me on this 3<sup>1</sup> day of September, 2009.

My Commission expires:

December 8, 2009

John 5. Hel

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09

East Kentucky Power Cooperative, Inc. (EKPC) hereby submits responses to the Commission Staff's Initial Data Request dated August 21, 2009. Each response with its associated supportive reference materials is individually tabbed.



# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 1

**RESPONSIBLE PARTY:** Jeffry E. Hohman/John F. Farley

**COMPANY:** East Kentucky Power Cooperative, Inc.

Refer to East Kentucky's Application, Exhibit 1, page 2 of 6. East Kentucky states that, for the period 2004 through 2006, the program had 11 participants and, for the period 2007 to the present, the program had two participants, for a total of 13.

Response 1. Please note that five participants were included in EKPC's 2005 annual report to the Commission. However, these were actually manufactured homes that had been retrofitted with energy efficient equipment rather than new manufactured homes. East Kentucky's Application and Mr. Hohman's Direct Testimony should state that for the period 2004 through 2006, the program had 6 participants. This yields the total of 8 participants as reported in the table in the response to 1a.

Request 1a. What is the breakdown between the number of participants replacing their existing furnaces with energy-efficient heat pumps and those purchasing energy-efficient, newly constructed manufactured homes, by year, since the program began? What is the cost of the program, by year, since the program began?

Response 1a. The Touchstone Energy Manufactured Home Program was created for and geared toward newly constructed manufactured homes meeting the energy-efficient criteria. Participant and cost information is provided in the following table.

Touchsto	ne Energy Manufactured	l Home Program
YEAR	Number of Newly	Rebates Paid for New
	Constructed	Constructions
	Manufactured Homes	
2003	1	125.00
2004		
2005	4	\$500.00
2006	1	\$150.00
2007	1	\$125.00
2008	1	\$250.00

Request 1b. Calculate the associated dollar value of estimated savings to date for the program.

Response 1b. In order to respond to this request, EKPC prepared a new DSManager run using (1) historic (2007-2008) actual values for the number of participants, (2) estimated MWh savings per participant from the Company's 2006 IRP, and (3) estimated avoided energy and capacity costs also taken from the Company's 2006 IRP. That IRP was current during the 2007-2008 timeframe. These results were combined with results for the 2004-2006 program years as previously provided to the Commission in prior case number 2007-00266. In order to compare different program year results, all values are discounted to the base year of 2004.

The present value (base year 2004) of the estimated savings to date (savings which have occurred as of December 31, 2008) is \$13,700. This represents production cost savings,

generation capacity savings, and transmission and distribution capacity savings. Please see the information contained in Attachment 1, Page 1 for details concerning the computation.

**Request 1c.** Calculate the dollar value of expected future savings associated with the program for 2009-2025.

**Response 1c.** For purposes of responding to 1c, EKPC performed a DSManager run that included historic program years 2007-2008 as above and added forecast program years 2009-2011. EKPC is requesting approval for the program through 2011. For the forecast years 2009-2011, EKPC used number of participants and program costs from the 2009 IRP.

The estimated future savings associated with the program (assuming new participants through 2011) for the period 2009-2025 on a present value basis equals \$220,980. This represents production cost savings, generation capacity savings, and transmission & distribution capacity savings. Please see the information contained in Attachment 1, Page 1 for details concerning the computation.

**Request 1d.** Using the expected future savings, calculate the net present value of the program, showing all calculations and assumptions.

Response 1d. The present value of all savings associated with the program for the period 2004 through 2025 equals \$234,680. This represents production cost savings, generation capacity savings, and transmission and distribution capacity savings. This accounts for participation during the program years 2004 through 2011. Please see the information contained in Attachment 1, Page 1 for details concerning the computation.

Using the costs included in the Total Resource Cost test, the present value of all costs associated with the program for program years 2004 through 2011 is \$58,160. Included are EKPC administrative costs, member cooperative administrative costs, and the costs incurred by the program participants. Attachment 1, Page 2 provides details concerning program costs.

The net present value, including both benefits and costs, using the Total Resource Cost test, equals \$176,520. Attachment 2 includes the results and explanations for the Total Resource Cost test.

Request 1e. Identify the member systems participating in this program. By the name of each participating member system, include the number of customers that have participated in the program for each year since the program began.

Response 1e. Listed below are the names of the member systems participating in this program and the number of customers that have participated in the program for each year since the program began. Please see Response 1 for an explanation of the 8 participants.

Member System	Number of	Year
	Customers	
Nolin RECC	1	2003
Nolin RECC	1	2005
South Kentucky	2	2005
Taylor County RECC	1	2005
Owen Electric	1	2006
Nolin RECC	1	2007
Nolin RECC	1	2008

88.0

1.29

1.33

1.36

1.39

1.42

1.46

1.49

1.53

1.57

1.60

1.64

1.61

1.65

1.69

1.73

2.02

2.91

2.99

3.05

3.13

3.21

3.29

3.38

3.46

3.54

3.62

3.71

3.51

3.59

3.68

3.77

20.39

28.22

28.54

28.48

29.00

29.77

30.43

31.35

31.92

32.52

33.65

34.73

30.84

31.25

32.39

33.43

Value of Savings associated with Touchstone Energy Manufactured Home Program Program years 2004-2011

Discount rate:	6.50%		base year is 2	2004	
<b>1d.</b> Present Value: <b>1b.</b> PV 2004-2008	\$85.35 \$5.85	\$114.15 \$6.77	\$24.44 \$0.83	\$10.74 \$0.25	\$234.68 \$13.70
<b>1c.</b> PV 2009-2025	\$79.50	\$107.37	\$23.61	\$10.50	\$220.98
					Total
	Production	Generation	Distribution	Transmission	Production
	Cost	Capacity	Capacity	Capacity	& Capacity
	Savings	Savings	Savings	Savings	Savings
	\$ thousands	\$ thousands	\$ thousands	\$ thousands	\$ thousands
2004	0.15	0.15	0.02	0.00	0.32
2005	1.26	1.53	0.16	0.04	2.99
2006	1.45	1.74	0.19	0.05	3.42
2007	1.88	2.10	0.27	0.09	4.34
2008	2.17	2.47	0.35	0.12	5.11
2009	5.55	5.78	1.17	0.49	12.98

9.27

12.98

13.38

13.78

14.19

14.60

15.01

15.49

15.94

16.41

16.90

17.41

15.24

15.70

16.17

16.65

8.22

11.04

10.84

10.29

10.30

10.54

10.67

10.99

11.00

11.00

11.53

11.97

10.48

10.31

10.85

11.28

2010

2011

2012

2013

2014

2015

2016

2017

2018

2019

2020

2021

2022

2023

2024

2025

Touchstone Energy Manufactured Home

Program Costs page Program years 2004 through 2011 Data for years 2004 through 2008 are actuals, based on annual reports filed with the PSC Data for years 2009 through 2011 are projections, based on EKPC's 2009 IRP filing

							0 113	over & above EK Rebate	lbove ate				
Year	Participants	s EK Admin/O&M	1/0&M	Coop Adn	ıin/O&M	Coop Admin/O&M EK Rebate		Coop Rebate	te	Participant Cost	t Cost	Rebate to Partic	Partic
2004	•	<del>\$</del>	1,500	↔	182		150	↔	150	↔	1,000	↔	300
2005	O)	8	3,800	↔	1,638	•	350		1,350	↔	9,000	<del>s)</del>	2,700
2006	_	8	1,300	ક્ક	182		150		150	↔	1,000	↔	300
2007	ν	8	850	↔	182		125		125	s	1,000	↔	250
2008	•	\$	1,000	↔	182	↔	250	€9	250	↔	1,000	<del>s)</del>	200
2009	10		3,500	↔	2,160		200	<del>S</del>	,	↔	12,000	↔	2,500
2010	10		3,500	↔	2,160		2,500	<del>S</del>	,	↔	12,000	↔	2,500
2011	10		3,500	↔	2,160		200	€9	ŧ	↔	12,000	↔	2,500
Discount Rate:			6.50%										
NPV	2	↔	14,901	↔	6,619	\$	6,994	₩	1,848	↔	36,642	₩.	8,842
Dase year is 200	ţ												
Used for TRC			Yes		Yes		8		8 N		Yes		N <sub>O</sub>
Used for Combined Util test	ned Util test		Yes		Yes		Š		Š		Š		Yes
PV Costs for TRC	ပ္သ	ss.	58,160										
PV Benefits for TRC	TRC		\$234,680										
Net Benefits for TRC	r TRC		176,520										

L	Touchstone Energy	v Ma	nufacture	d Ho	Touchstone Energy Manufactured Home Program Standard California Tests - NPV
			Tota	I Res	Total Resource Cost Test
LINE	ų.		<u> </u>	LINE	EXPLANATION
-	Benefits			~	Avoided supply costs (e.g.production, transmission, and/or distribution)
2	Distribution Capacity Credit	↔	24,440	2	based of effects of and road reductions.  Avoided distribution capacity.
3	EKPC Electric Prod Cost Decrease	↔	85,350	က	PV of EKPC's electric production cost decrease evaluated over 21 years.
4	EKPC Generation Capacity Credit	€>	114,150	4	illudium variable operating and manuscrapes of the properties. PV of EKPC's avoided capacity costs due to reduced generation requirements.
5	Transmission Capacity Credit	€9	10,740	5	Avoided transmission capacity.
9	Total Benefits	€>	234,680	9	Line 2 + Line 3 + Line 4 + Line 5
7	Costs			7	Total program costs to participants, the Distribution Systems, and EKPC
∞	Participants' Investment	↔	36,642	ω	(excuding incentives).  PV of Customers' incremental investment in Touchstone Energy Manufactured Home, evaluated over 8 years.
б	Distribution System Variable Cost	↔	6,619	თ	PV of member costs per participant evaluated over 8 years.
10	EKPC Admin Cost	\$	14,901	10	PV of EKPC's incremental administrative costs for 8 program years: 2004-2011.
-	11 Total Costs	€	58,162	7	Line 8 + Line 9 + Line 10
12	Net Benefits	↔	176,518	12	Line 6 minus Line 11
7	13 Benefit / Cost Ratio		4.03	13	Line 6 divided by Line 11

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFA CTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 2

**RESPONSIBLE PARTY:** Jeffry E. Hohman

COMPANY: East Kentucky Power Cooperative, Inc.

**Request 2.** Provide a copy of all marketing materials and brochures currently used by East Kentucky to promote Energy Star or energy-efficient manufactured homes.

Response 2. Copies of all marketing materials and brochures currently used by East Kentucky to promote Energy Star or energy-efficient manufactured homes are provided on pages 2 through 6 of this response.

Touchtone Energy

Page 2 of 6
Mamufactured
Home Program

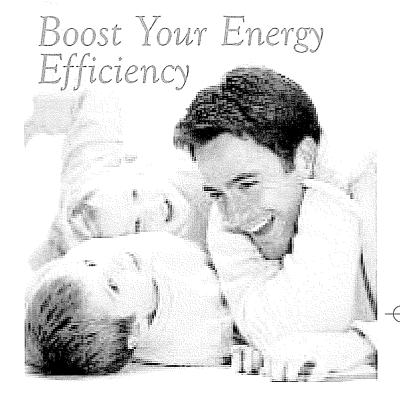
As a Touchstone Energy cooperative, we're committed to providing you and your family with low-cost, reliable electric power, backed by exceptional service from folks based right here in the community. Just as important, though, is our commitment to helping our members get the most value and comfort from every kilowatt-hour they use.

For more information on other ways we can improve the comfort and energy efficiency of your home, just give us a call. We're your neighbors, and we're ready to put the power of human connections to work for you.

For more information... (270) 765-6153 www.nolinrecc.com



A Touchstone Energy Cooperative



Value is good.

Added value is even better.

With a modest investment, you can boost the value of your manufactured home, shrink your energy bill, and expand your comfort.



A Touchstone Energy Cooperative

### Manufactured Home Program

### Manufactured Homes Built To Energy Star® Performance Levels Help You Save Money

There is a new way for electric cooperative customers to save money: The Touchstone Energy Home. Owning a manufactured home built to these standards can cut the costs for heating and cooling by as much as 30 percent. At the same time, you'll be more comfortable year-round, especially in the summers and winters, because of the home's superior design. You reap savings and comfort because the Touchstone Energy Home has:

- A sealed duct system
- Energy efficient double-pane windows
- Added insulation in the roof and walls
- An improved gasket that seals the halves of the home together

The critical difference in manufactured homes built to Touchstone Energy Home standards is the duct system. Many older manufactured homes leak conditioned air because of flaws in the duct system, driving up the monthly heating and cooling costs.

The Touchstone Energy Home eliminates the waste. It's an all-electric, manufactured home built to federal Energy Star® specifications. During winters, it is kept warm by a heat pump that makes it more energy efficient than many manufactured

homes. The initial cost of a Touchstone Energy Home adds \$7 to \$10 more each month to a typical manufactured home mortgage. But the homeowner pays \$15 to \$20 less in heating and cooling costs each month. Your total monthly expenses will be lower from the very beginning. Over 20 or 30 years, your savings can total thousands of dollars.

### Here are other bonuses you get:

- Your cooperative will help you realize the savings. Buyers of qualified manufactured homes sited on co-op lines are eligible for a \$250 rebate from your local Touchstone Energy Cooperative.
- The Touchstone Energy Home may qualify for special financing packages. Ask your manufactured home dealer for details.
- If you decide to move, your Touchstone Energy Home may have a higher resale value. The Energy Star® energy efficiency certification is appealing to people wanting to buy a new home.

To qualify for a \$250 rebate, call Nolin RECC.

interested?

ask as for more paterimanion

Air Leakage Tips

### Check for gaps around pipes running through walls

these gaps with caulk or expanding foam is an easy way to cut heat loss. Be sure to look for gaps Some homes have gaps between vent pipes running from inside the home to the outside. Sealing around telephone lines, dryer vents, dramage pipes and electrical outlets.

### For more information... www.nolinrecc.com (270)765-6153

Seal gaps around windows

and doors

and windows on the outside of your home is an excellent way to fill gaps that leak air, and it's the kind of project most people can do in two to three hours. To reduce air leakage Caulking around the edges of doors further, consider adding a storm door to each exterior door.

### Toucharone Energy People who live in older manufactured homes frequently ask us for ways to help brochure are based on fooking at hundreds them lower their monthly electric bill. of manufactured homes over time and The energy conservation tips in this Can Pay Big Benefits A Little Bit of Work the successful steps that other homeowners have taken.

Mannufacuited Home Emergy Savrings & a

> Most of the tips here will pay for them-selves in just a few months with the don't wait... a more comfortable home and lower electric bills can be yours with just a little bit of effort. money you'll save on electricity. So

### Manufactured Save Energy 10 Ways to in Your Home









# 10 Ways to Save Energy in Your Manufactured Home

manufacturedhomelOTIPS.gxp 2/14/2008 3:39 PM Page 1

# Heating and Cooling Tips

# Tune up your heating and cooling system

Dirt and dust that accumulate over time in your heating and cooling system can cut the airflow into your ducts. This make the equipment run longer while leaving you less comfortable.

# Fix the leaks in your ductwork

home will improve, too, since you'll be able to show potential buyers that their electric bills will be lower than in homes heated by an

electric furnace.

improved year-round. The resale value of your Putting in a heat pump will make a dramatic difference in your home. Your heating bills could be reduced and your comfort will be

> holes in the ducts, you're running your furnace Most ductwork runs underneath your home in uninsulated space. When there are leaks and moving air from one side of a double-wide to heat the great outdoors! Crossover pipes to another are a frequent source of leaks.

# Insulation Tips

# Check the bellyboard for leaks

### from the inside to the outside. Many of these bellyboards are cracked, allowing cold air in All manufactured homes have some sort of bellyboard underneath to prevent air moving

system and sealed your ductwork, you should be able to eliminate space heaters. These little heaters can add up to \$30 per month on your electric bill. They can also be a cause of serious burns and fires.

Once you've tuned up your heating and cooling

Eliminate space heaters

# Insulate the underpinning of your home

The more thoroughly you can insulate the space under your home, the less energy you'll need for heating and cooling. Concrete block walls, for example, should have rigid foam insulation glued to the inside, with vents that can be opened in summer and closed in winter.



how to seal the windows with plastic to reduce heat loss. Adding storm windows or installing pane windows with no storm windows, which will cause lots of heat loss. We can show you Older manufactured homes may have single-





Replace an electric furnace with

a heat pump



# Consider window insulation

double-pane replacement windows may be a better long-term solution if you plan to stay in your home for several years.

This will cause the water heater to run longer, which will increase your electric bill. A plumber can check this and suggest repair

or replacement options.

old, a heating element may be wearing out. If your water heater is more than six years

Check your water heater





### energy and the power of human connections

### Manufactured Home Program

Manufactured home living already offers exceptional value.

We want to help increase that value by making your existing manufactured home more energy efficient. More efficiency means lower energy bills and higher comfort.

With a little time and money, you can perform some of these steps yourself. Others will require a skilled professional. All will pay you back in no time.

### Seal those pesky gaps.

Caulk doors, windows, cracks around seams, interior and exterior joints, moldings, splash panels, nails, wheel housings, gutters and all penetration points.

Check the belly board for cracks.

Plug all leaks and holes around chimneys, vents, water pipes and heating system ductwork. Pay particular attention to crossover pipes that move air from one side of a double-wide to another.

### Take a closer look at those windows.

Install storm window panels. The interior type are favored over the exterior, which have to be installed seasonally.

Consider installing tinted glass or solar screens on the east and west windows. Adding awnings is another option.

If you can't install storm windows, cut plastic to fit around the window screens to prevent cold wind from coming through cracks.

### Beef up your insulation.

Insulate the belly (underside) of your home with R-19 batt or blanket insulation. Add extra insulation to the roof.\* Repair or increase insulation around all exposed heating and cooling ducts.

Make sure your appliances are running efficiently. Keep your heating and cooling system tuned up and cleaned up so it will run at maximum efficiency. Ask your co-op about its Tune Up program.

If your system is more than 10 years old or is in poor condition, a high-efficiency heat pump will give you big savings on your heating bill, and add value to your home.

If your water heater needs to be replaced, consider a high efficiency electric water heater.

How do I schedule an appointment or find out more? All you have to do is call the contact number at the bottom of this sheet.

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 3

**RESPONSIBLE PARTY:** Jeffry E. Hohman

**COMPANY:** East Kentucky Power Cooperative, Inc.

Request 3. Explain whether East Kentucky has offered rebates to manufactured home retailers for the sale of an Energy Star or energy-efficient manufactured home as an incentive to sell more energy-efficient manufactured homes. If incentives have been paid to retailers, provide the amount paid each year.

Response 3. EKPC, in conjunction with South Kentucky RECC, conducted a brief pilot which offered an incentive to Manufactured Home Retailers in South Kentucky's distribution area. That program was not successful in generating more sales of Energy Star Manufactured Homes.

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFA CTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09
REQUEST 4

RESPONSIBLE PARTY: Jeffry E. Hohman

COMPANY: East Kentucky Power Cooperative, Inc.

Refer to page 4 of the Hohman Testimony. Concerning the future of energy-efficient manufactured homes, Mr. Hohman states that East Kentucky and its member systems believe that a blend of incentives and renewed buyer education are the keys to future success. Explain whether East Kentucky intends to add any incentives to buyers of energy-efficient manufactured homes beyond the incentives it began offering in 2007.

Response 4. East Kentucky is in the process of evaluating incentives associated with its energy-efficient manufactured home program. East Kentucky may consider modifications to the program's structure in the future.

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 5

**RESPONSIBLE PARTY:** Jeffry E. Hohman

**COMPANY:** East Kentucky Power Cooperative, Inc.

**Request 5.** Provide East Kentucky's best estimate of the additional cost of meeting Energy Star standards in a typical manufactured home.

Response 5. East Kentucky obtained the estimate of additional cost from Mr. Emanuel Levy, Executive Director of the Systems Building Research Alliance (formerly the Manufactured Housing Research Alliance) in New York. Mr. Levy provided the cost information shown below.

The cost range is fairly broad given the variety of building practices common to the industry, the different requirements depending on whether the home has gas or electric heat and the differences in specifications across climates. As a rule of thumb, the cost increment is in the \$2,000 to \$3,500 range to the customer, using all known and estimated costs. However, some "high end" producers have lower costs, probably between \$500 and \$1,500. The main cost items are the window package and, for electrically-heated homes, the heat pump.



# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 6

**RESPONSIBLE PARTY:** 

Jeffry E. Hohman

**COMPANY:** 

East Kentucky Power Cooperative, Inc.

Refer to East Kentucky's Application, Exhibit 1, page 5 of 6. Has East Kentucky begun the development of new marketing materials and consumer education seminars highlighting the benefits of energy-efficient manufactured homes? What is the proposed budget for these marketing materials and consumer seminars?

Response 6. EKPC has begun developing new marketing materials highlighting the benefits of energy-efficient manufactured homes. The budget for these materials is approximately \$5,000-\$8,000. EKPC has not yet developed new consumer education seminars relating to energy-efficient manufactured homes.

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 7

**RESPONSIBLE PARTY:** Jeffry E. Hohman

**COMPANY:** East Kentucky Power Cooperative, Inc.

Request 7. What research, if any, has East Kentucky performed to determine if there are any tax incentives, rebate programs, or loan programs directed toward manufactured homes through the American Recovery and Reinvestment Act of 2009?

Response 7. East Kentucky recently submitted a letter of support for a partnership with the Manufactured Housing Alliance, Systems Built Research Alliance and Frontier Housing in Morehead, Kentucky. That letter of support is included on page 2 of this response.

September 4, 2009

Emanuel Levy Executive Director Systems Building Research Alliance 2109 Broadway, Suite 200 New York, NY 10023

### Re: Letter of Commitment - Department of Energy FON # DE- FOA-0000099

This letter is provided on behalf of East Kentucky Power Cooperative in support of the Building America Retrofit Consortium's (BARC) response to the U.S. Department of Energy solicitation entitled "Recovery Act — Building America Energy Efficient Housing Partnerships". East Kentucky Power Cooperative is a not-for-profit electric utility with the mission of providing affordable, reliable electricity to our 16 member rural electric cooperatives.

We welcome this opportunity to work with SBRA, Frontier Housing and the Kentucky Housing Corporation in improving the energy performance of existing manufactured homes, the housing choice of 100,000 of the members we serve in Kentucky.

East Kentucky will be rolling out a manufactured home energy retrofit program in 2010 providing funds for existing manufactured home retrofits. We look forward to exploring opportunities to dovetail our efforts with the work of the BARC. Lessons learned will help us in delivering retrofit services to the larger population of manufactured homes in our service area. Additionally, East Kentucky will assist Frontier in identifying the homes to include in the Building America program demonstrations.

We are pleased to be able to support the Systems Built Research Alliance and Frontier Housing in the improvement of energy efficiency of manufactured homes in Kentucky.

Sincerely, East Kentucky Power Cooperative

Jeff Hohman Manager of Marketing and Natural Resources

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

### COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 8

RESPONSIBLE PARTY: Jeffry E. Hohman

**COMPANY:** East Kentucky Power Cooperative, Inc.

Request 8. Provide the number of manufactured homes in each of East Kentucky's member systems' service areas.

Response 8. Listed below is the number of manufactured homes in each of East Kentucky's member systems' service areas. These estimates are based on EKPC's 2007 Member End Use Survey.

Big Sandy	568			
Blue Grass	1620			
Clark	1150			
Cumberland	1076			
Farmers	714			
Fleming-Mason	1450			
Grayson	773			
Inter-County	618			
Jackson	1361			
Licking Valley	859			
Nolin	1007			
Owen	1529			
Salt River	1669			
Shelby	1301			
South Kentucky	1753			
Taylor County	705			

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09

**REQUEST 9** 

**RESPONSIBLE PARTY:** 

Jeffry E. Hohman

**COMPANY:** 

East Kentucky Power Cooperative, Inc.

Request 9. Has East Kentucky considered offering incentives to customers for the purchase of Energy Star appliances other than heat pumps? Explain.

Response 9. No. However, East Kentucky assesses all new programs with the submission of each IRP. Cost/benefit analyses are performed on any new programs. In addition, an informal survey is conducted among East Kentucky's members to identify any interest in the menu of new programs listed, including the rebating of Energy Star Appliances. EKPC will continue to do that in the future but currently the focus is on replacing resistance heat with energy efficient heat pumps and weatherization.

# PSC CASE NO. 2009-00249 CONTINUATION OF TOUCHSTONE ENERGY MANUFACTURED HOME PROGRAM INITIAL DATA REQUEST RESPONSE

COMMISSION STAFF'S INITIAL DATA REQUEST DATED 08/21/09 REQUEST 10

**RESPONSIBLE PARTY:** Jeffry E. Hohman

**COMPANY:** East Kentucky Power Cooperative, Inc.

**Request 10.** Refer to page 3 of the Hohman Testimony. Provide any data supporting the idea that manufacturers are producing an increased number of energy-efficient homes.

Responses 10. That statement was not based on data but rather on recent meetings with the Manufactured Housing Alliance, Frontier Housing and the Kentucky Department of Energy.