JACKSON ENERGY
A Touchstone Energy® Cooperative

Location ID:	Customer Information Removed for Privacy.
Name	
OwnerName	
Phone	
Assessor	
Date	

How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	5,270 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	866 kWh	0 kBTU	0 kBTU	
	Base	12064 kWh	0 kBTU	0 kBTU	
=	**Total (yr)**	18,200 kWh	0 kBTU	0 kBTU	0 kBTU
		18200 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Install R-19 insulation in floor.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Add Insulation in attic to 15" total from existing.
Seal bathroom electric wall heater.
Seal around doors and windows with caulking and weather stripping
Seal plumbing pentrations in the floor for sinks and utility closet
Seal electrical outlets in outside walls with gasgets
Seal attic hatch by building a foam box over the hatch in the main bedroom

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
2450 kWh (Elec)	2,450 kWh (Elec)	2,450 kWh	0.12 /kWh	$294
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$25**

before monthly How$mart Charge

Financing

$7,250.00 **Cost of Improvements (est):**

$3,750.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$3,000.00 **Utility Contribution**

$3,017 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$22 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

Values on previous page are estimates only and are not a guarantee of savings. Energy savings are a best-effort estimation calculated using a computer model. The model takes into account previous usage and characteristics of the house to determine usage and potential savings. Actual savings will vary depending on behavior, weather events, maintenance of the efficiency improvements, and future utility rates.

The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$22	$22		
Capital Investment		$3,000	$3,017		
Project Fee(s)	4.50%	$135	$136	Payback Period (years)	15
Capital Fee	0.50%	$15	$15	Cost of Capital	3%
Total Interest over life of payback		$781	$816		
Total Cost over life of payback		$3,916	$3,969		

Account Holder: _____ Owner: _____
print name print name

Date: _____ Date: _____

How$martKY

Energy Efficiency for Everyone

JACKSON ENERGY
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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	10,600 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	619 kWh	0 kBTU	0 kBTU	
	Base	20700 kWh	0 kBTU	0 kBTU	
=	Total (yr)	31,919 kWh	0 kBTU	0 kBTU	0 kBTU
		30400 kWh	0 kBTU	0 kBTU	0 kBTU

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How Your Home Could Save Energy

Add Insulation in attic to 15" total from existing.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Seal around exterior doors and weather strip
Caulk and seal around windows

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
5620 kWh (Elec)	4,101 kWh (Elec)	4,101 kWh	0.12 /kWh	$492
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$41**
before monthly How$mart Charge

Financing

$8,425.00	**Cost of Improvements (est):**
$775.00	**Customer Paid for Item(s)**
$1,685.00	**Kentucky Home Preformance**
$500.00	**Customer Contribution**
$556.72	**Rebates - Utility**

$4,908.28		**Utility Contribution**
$5,051		Not to Exceed Amount (90% of Savings)
@	3%	
over	15	years
$36		**Monthly Charge**
87%		of projected savings

Next Steps

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		Estimate	Not to Exceed		
Fixed Monthly Charge		$36	$37		
Capital Investment		$4,908	$5,051		
Project Fee(s)	4.50%	$221	$227	Payback Period (years)	15
Capital Fee	0.50%	$25	$25	Cost of Capital	3%
Total Interest over life of payback		$1,277	$1,366		
Total Cost over life of payback		$6,406	$6,644		

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	12,700 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	3570 kWh	0 kBTU	0 kBTU	
	Base	15800 kWh	0 kBTU	0 kBTU	
=	Total (yr)	32,070 kWh	0 kBTU	0 kBTU	0 kBTU
		26500 kWh	0 kBTU	0 kBTU	0 kBTU

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How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Install R-19 insulation in floor.
Insulate Vaulted attic with Spray foam or Wet Cellulose and create air pathway
Add Insulation to Attic Knee Wall. 5' x 356' 2 Walls
Seal around Upstairs window casings.
Install Mositure Barrier 6 mil black plastic lap on wall 12"
Recommend replacing Garage Entry door with Exterior Door.
Seal plumbing & Electric pentrations in floor before installing insulation.
Air Seal to Bas from 2150

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
10387 kWh (Elec)	4,817 kWh (Elec)	4,817 kWh	0.12 /kWh	$578
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$48**
before monthly How$mart Charge

Financing

$9,500.00 **Cost of Improvements (est):**

$3,150.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$5,850.00 **Utility Contribution**

$5,932 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$42 **Monthly Charge**

88% of projected savings

Next Steps

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2. Select contractor and schedule the job
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		Estimate	Not to Exceed		
Fixed Monthly Charge		$42	$43		
Capital Investment		$5,850	$5,932		
Project Fee(s)	4.50%	$263	$267	Payback Period (years)	15
Capital Fee	0.50%	$29	$30	Cost of Capital	3%
Total Interest over life of payback		$1,522	$1,604		
Total Cost over life of payback		$7,635	$7,804		

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How$martKY

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	14,500 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1410 kWh	0 kBTU	0 kBTU	
	Base	11500 kWh	0 kBTU	0 kBTU	
=	**Total (yr)**	27,410 kWh	0 kBTU	0 kBTU	0 kBTU
		23600 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Seal pentractions into Attic.
Seal plumbing pentrations from Basement into conditioned space.
Install Attic Access.
Install Attic ventaliation.
Install R-19 insulation in floor.
Add Insulation in attic to 15" total from existing.
Seal to BAS to a min of .40 ach

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
12791 kWh (Elec)	8,981 kWh (Elec)	8,981 kWh	0.12 /kWh	$1,078
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$90**
before monthly How$mart Charge

Financing

$9,535.16 **Cost of Improvements (est):**

$1,907.03 **Kentucky Home Performance**

$800.00 **Rebates - Utility**

$6,828.13 **Utility Contribution**

$7,910 Not to Exceed Amount (90% of Savings)

@ 3%
over 10 years

$69 **Monthly Charge**

77% *of projected savings*

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

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		Estimate	Not to Exceed		
Fixed Monthly Charge		$69	$81		
Capital Investment		$6,828	$7,910		
Project Fee(s)	4.50%	$307	$356	Payback Period (years)	10
Capital Fee	0.50%	$34	$40	Cost of Capital	3%
Total Interest over life of payback		$1,172	$1,433		
Total Cost over life of payback		$8,308	$9,699		

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How$martKY

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	8,080 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	587 kWh	0 kBTU	0 kBTU	
	Base	10600 kWh	0 kBTU	0 kBTU	
=	Total (yr)	19,267 kWh	0 kBTU	0 kBTU	0 kBTU
		18500 kWh	0 kBTU	0 kBTU	0 kBTU

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How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Install R-19 insulation in floor.
Add Insulation in attic to 15" total from existing.
Install Attic access hatch.
Install Moisture Barrier 6 mil black plastic lap on walls and peers 12"
Seal and Caulk plumbing pentrations.
Install Sofitt Ventaliation
Install Attic Ventaliation
Seal to 1075 bas orginal reading 1853cfm

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
5509 kWh (Elec)	4,742 kWh (Elec)	4,742 kWh	0.12 /kWh	$569
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$47**
before monthly How$mart Charge

Financing

$10,959.61 **Cost of Improvements (est):**

$4,650.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$5,809.61 **Utility Contribution**

$5,840 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$42 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

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		Estimate	Not to Exceed		
Fixed Monthly Charge		$42	$43		
Capital Investment		$5,810	$5,840		
Project Fee(s)	4.50%	$261	$263	Payback Period (years)	15
Capital Fee	0.50%	$29	$29	Cost of Capital	3%
Total Interest over life of payback		$1,512	$1,579		
Total Cost over life of payback		$7,583	$7,682		

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How$martKY

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	8,760 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	383 kWh	0 kBTU	0 kBTU	
	Base	11500 kWh	0 kBTU	0 kBTU	
=	Total (yr)	20,643 kWh	0 kBTU	0 kBTU	0 kBTU
		18400 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Install R-19 insulation in floor.
Add Insulation in attic to 15" total from existing.
Seal around Kitchen window and repair window itself.
Seal plumbing and electrical floor pentrations.
Seal Duct Work to 10% of fan capacity. Seal Return.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Seal around Exterior Door frames
Air seal to Bas from 1336

Savings from Baseline:	Savings from Actuals:	Conversions to Fuel	Current Rates	Projected Savings (yr)
6088 kWh (Elec)	3,845 kWh (Elec)	3,845 kWh	0.12 /kWh	$461
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$38**
before monthly How$mart Charge

Financing

$7,600.00 **Cost of Improvements (est):**

$2,400.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$4,700.00 **Utility Contribution**

$4,735 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$34 **Monthly Charge**

89% of projected savings

Next Steps

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2. Select contractor and schedule the job
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		Estimate	Not to Exceed		
Fixed Monthly Charge		$34	$35		
Capital Investment		$4,700	$4,735		
Project Fee(s)	4.50%	$212	$213	Payback Period (years)	15
Capital Fee	0.50%	$24	$24	Cost of Capital	3%
Total Interest over life of payback		$1,223	$1,280		
Total Cost over life of payback		$6,134	$6,229		

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	12,600 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	2930 kWh	0 kBTU	0 kBTU	
	Base	26070 kWh	0 kBTU	0 kBTU	
=	Total (yr)	41,600 kWh	0 kBTU	0 kBTU	0 kBTU
		41600 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Install Moisture barrier 6 mil black plastic lap on wall 12"
Seal Duct Work to 10% of fan capacity.
Seal all supply boots.
Seal furnace cavity.
Seal corners threw out the home.
Seal around garden tub and plumbing pentrations.
Seal around fireplace.
Seal marriage wall between halves.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
5626 kWh (Elec)	5,626 kWh (Elec)	5,626 kWh	0.12 /kWh	$675
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$56**
before monthly How$mart Charge

Financing

$6,950.00 **Cost of Improvements (est):**

$1,390.00 **Kentucky Home Performance**

$500.00 **Rebates - Utility**

$5,060.00 **Utility Contribution**

$5,780 Not to Exceed Amount (90% of Savings)

@ 3%

over 12 years

$44 **Monthly Charge**

78% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

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		Estimate	Not to Exceed		
Fixed Monthly Charge		$44	$51		
Capital Investment		$5,060	$5,780		
Project Fee(s)	4.50%	$228	$260	Payback Period (years)	12
Capital Fee	0.50%	$25	$29	Cost of Capital	3%
Total Interest over life of payback		$1,045	$1,251		
Total Cost over life of payback		$6,333	$7,291		

Account Holder: _____ Owner: _____
print name print name

Date: _____ Date: _____

How$martKY

Energy Efficiency for Everyone

JACKSON ENERGY
A Touchstone Energy® Cooperative

Location ID:	Customer Information Removed for Privacy.
Name	
OwnerName	
Phone	
Assessor	
Date	

How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	9,560 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1960 kWh	0 kBTU	0 kBTU	
	Base	9120 kWh	0 kBTU	0 kBTU	
=	**Total (yr)**	20,640 kWh	0 kBTU	0 kBTU	0 kBTU
		20700 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Add Insulation in attic to 15" total from existing.
Seal French Entry Doors.
Seal ban joist.
Seal around Plumbing pentration between floors.
Seal to Bas from 2265.

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
3811 kWh (Elec)	3,871 kWh (Elec)	3,871 kWh	0.12 /kWh	$465
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$39**

before monthly How$mart Charge

Financing

$7,700.00 **Cost of Improvements (est):**

$2,500.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$4,700.00 **Utility Contribution**

$4,767 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$34 **Monthly Charge**

88% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

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The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$34	$35		
Capital Investment		$4,700	$4,767		
Project Fee(s)	4.50%	$212	$215	Payback Period (years)	15
Capital Fee	0.50%	$24	$24	Cost of Capital	3%
Total Interest over life of payback		$1,223	$1,289		
Total Cost over life of payback		$6,134	$6,271		

Account Holder: _____ Owner: _____
print name print name

Date: _____ Date: _____

How$martKY

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How Your Home Uses Energy

		model baseline	Elec	Gas	Propane	Wood/Coal
	Heating		16,700 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling		322 kWh	0 kBTU	0 kBTU	
	Base		12100 kWh	0 kBTU	0 kBTU	
=	Total (yr)		29,122 kWh	0 kBTU	0 kBTU	0 kBTU
			27000 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Install Moisture barrier 6 mil black plastic lap on wall and peers 12"
Install R-19 insulation in floor.
Add Insulation in attic to 15" total from existing.
Replace HVAC Heating with New HVAC Heating System.
Seal Duct Work to 10% of fan capacity.
Replace HVAC Cooling with New HVAC Cooling System.

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
12675 kWh (Elec)	10,553 kWh (Elec)	10,553 kWh	0.12 /kWh	$1,266
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$106**
before monthly How$mart Charge

Financing

$10,093.62 **Cost of Improvements (est):**

$2,000.00 **Kentucky Home Preformance**

$764.82 **Rebates - Utility**

$7,328.80 **Utility Contribution**

$12,997 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$53 **Monthly Charge**

50% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
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Acceptance:

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		Estimate	Not to Exceed		
Fixed Monthly Charge		$53	$95		
Capital Investment		$7,329	$12,997		
Project Fee(s)	4.50%	$330	$585	Payback Period (years)	15
Capital Fee	0.50%	$37	$65	Cost of Capital	3%
Total Interest over life of payback		$1,907	$3,514		
Total Cost over life of payback		$9,566	$17,096		

Account Holder: _____ Owner: _____
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How$martKY

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	5,290 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	987 kWh	0 kBTU	0 kBTU	
	Base	16600 kWh	0 kBTU	0 kBTU	
=	Total (yr)	22,877 kWh	0 kBTU	0 kBTU	0 kBTU
		20400 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Seal all plumbing pentrations crawl space.
Seal around ceiling of utility room and plumbing and electrical pentrations.
Seal to 1370 BAS orginal reading of 2119
Seal Duct Work to 10% of fan capacity.
Install Mositure Barrier in Crawlspace 6 mil black plasic lap on walls and peers 12"
Install R-19 insulation in floor where missing or fallen approximatly 50%
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
5567 kWh (Elec)	3,090 kWh (Elec)	3,090 kWh	0.12 /kWh	$371
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$31**

before monthly How$mart Charge

Financing

$7,433.69 **Cost of Improvements (est):**

$3,150.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$3,783.69 **Utility Contribution**

$3,806 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$27 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

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		Estimate	Not to Exceed		
Fixed Monthly Charge		$27	$28		
Capital Investment		$3,784	$3,806		
Project Fee(s)	4.50%	$170	$171	Payback Period (years)	15
Capital Fee	0.50%	$19	$19	Cost of Capital	3%
Total Interest over life of payback		$985	$1,029		
Total Cost over life of payback		$4,938	$5,006		

Account Holder: _____ Owner: _____
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How$martKY

Energy Efficiency for Everyone

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	13,700 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	2640 kWh	0 kBTU	0 kBTU	
	Base	9520 kWh	0 kBTU	0 kBTU	
=	Total (yr)	25,860 kWh	0 kBTU	0 kBTU	0 kBTU
		25500 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Seal and insulate door to attic and attic hatch's.
Install R-19 insulation in floor.
Add Insulation in attic to 15" total from existing.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Seal to BAS from 2945 to 2323 min of .4ach.
Seal plumbing pentrations in Bathrooms.
Seal basement door.
Seal around exterior doors.

Savings from Baseline:	Savings from Actuals:	Conversions to Fuel	Current Rates	Projected Savings (yr)
8592 kWh (Elec)	8,232 kWh (Elec)	8,232 kWh	0.12 /kWh	$988
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$82**
before monthly How$mart Charge

Financing

$12,090.00 **Cost of Improvements (est):**

$2,000.00 **Kentucky Home Preformance**

$1,000.00 **Customer Contribution**

$682.56 **Rebates - Utility**

$8,407.44 **Utility Contribution**

$10,138 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$61 **Monthly Charge**

74% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

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Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$61	$74		
Capital Investment		$8,407	$10,138		
Project Fee(s)	4.50%	$378	$456	Payback Period (years)	15
Capital Fee	0.50%	$42	$51	Cost of Capital	3%
Total Interest over life of payback		$2,188	$2,741		
Total Cost over life of payback		$10,973	$13,336		

Account Holder: _____ Owner: _____
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How$martKY

Energy Efficiency for Everyone

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Assessor	
Date	

How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	12,300 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	515 kWh	0 kBTU	0 kBTU	
	Base	13600 kWh	0 kBTU	0 kBTU	
=	Total (yr)	26,415 kWh	0 kBTU	0 kBTU	0 kBTU
		22200 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Seal off old flue to wood burner.
Seal around window trim.
Seal where reccessed cabinet was.
Finish Bathroom Remodel and seal around tub.
Seal Wall cavity from attic and crawlspace where return and recessed oven is.
Seal Duct Work to 10% of fan capacity.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
9100 kWh (Elec)	4,885 kWh (Elec)	4,885 kWh	0.12 /kWh	$586
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$49**

before monthly How$mart Charge

Financing

$6,000.00 **Cost of Improvements (est):**

$1,200.00 **Kentucky Home Performance**

$500.00 **Rebates - Utility**

$4,300.00 **Utility Contribution**

$4,303 Not to Exceed Amount (90% of Savings)

@ 3%

over 10 years

$44 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

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Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$44	$44		
Capital Investment		$4,300	$4,303		
Project Fee(s)	4.50%	$194	$194	Payback Period (years)	10
Capital Fee	0.50%	$22	$22	Cost of Capital	3%
Total Interest over life of payback		$738	$780		
Total Cost over life of payback		$5,232	$5,276		

Account Holder: _____ Owner: _____
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How$martKY

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	8,110 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1220 kWh	0 kBTU	0 kBTU	
	Base	13900 kWh	0 kBTU	0 kBTU	
=	Total (yr)	23,230 kWh	0 kBTU	0 kBTU	0 kBTU
		23100 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Install mositure barrier 6 mil plastic lap on walls 12 in small crawl area
Install R-19 insulation in floor. In Small Crawlspace area.
Add Insulation in attic to 15" total from existing.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Seal to BAS up to 70% of the BAS
Seal Plumbing Pentrations
Seal Attic Hatch
Seal all Entry Doors (Basement is most leaky)
Fix lifted drop ceiling in Basement stairwell

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
4598 kWh (Elec)	4,468 kWh (Elec)	4,468 kWh	0.12 /kWh	$536
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$45**

before monthly How$mart Charge

Financing

$8,450.00 **Cost of Improvements (est):**

$1,690.00 **Kentucky Home Preformance**

$625.00 **Customer Contribution**

$633.64 **Rebates - Utility**

$5,501.36 **Utility Contribution**

$5,503 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$40 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

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Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$40	$40		
Capital Investment		$5,501	$5,503		
Project Fee(s)	4.50%	$248	$248	Payback Period (years)	15
Capital Fee	0.50%	$28	$28	Cost of Capital	3%
Total Interest over life of payback		$1,431	$1,488		
Total Cost over life of payback		$7,180	$7,238		

Account Holder: _____ Owner: _____
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How$martKY

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	6,800 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1100 kWh	0 kBTU	0 kBTU	
	Base	18300 kWh	0 kBTU	0 kBTU	
=	Total (yr)	26,200 kWh	0 kBTU	0 kBTU	0 kBTU
		22900 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Add Insulation in attic to 15" total from existing.
Seal Duct Work to 10% of fan capacity.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Bring in Make up Air 230 CFM to 800 CFM (Need Quote)

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
6231 kWh (Elec)	2,931 kWh (Elec)	2,931 kWh	0.12 /kWh	$352
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$29**

before monthly How$mart Charge

Financing

$9,500.00 **Cost of Improvements (est):**

$5,400.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$3,600.00 **Utility Contribution**

$3,610 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$26 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

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The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$26	$26		
Capital Investment		$3,600	$3,610		
Project Fee(s)	4.50%	$162	$162	Payback Period (years)	15
Capital Fee	0.50%	$18	$18	Cost of Capital	3%
Total Interest over life of payback		$937	$976		
Total Cost over life of payback		$4,699	$4,748		

Account Holder: _____ Owner: _____
print name print name

Date: _____ Date: _____

How$martKY

Energy Efficiency for Everyone

JACKSON ENERGY
A Touchstone Energy® Cooperative

Location ID:	Customer Information Removed for Privacy.
Name	
OwnerName	
Phone	
Assessor	
Date	

How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	6,280 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	292 kWh	0 kBTU	0 kBTU	
	Base	12600 kWh	0 kBTU	0 kBTU	
=	Total (yr)	19,172 kWh	0 kBTU	0 kBTU	0 kBTU
		18200 kWh	*0 kBTU*	*0 kBTU*	*0 kBTU*

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Install mositure barrier 6 mil black plastic lap on walls and peers 12"
Install R-25 insulation in floor.
Add Insulation in attic to 15" total from existing.
Replace HVAC only 1 unit the 2.0 unit.
Replacing only 1 unit the 2.0 unit.
Air seal to 1750 cfm 50 down to 1450 cfm 50

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
3884 kWh (Elec)	2,912 kWh (Elec)	2,912 kWh	0.12 /kWh	$349
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$29**
before monthly How$mart Charge

Financing

$7,001.16 **Cost of Improvements (est):**

$2,401.16 **Customer Paid for Item(s)**

$1,400.23 **Kentucky Home Preformance**

$800.00 **Rebates - Utility**

$2,399.77 **Utility Contribution**

$3,586 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$17 **Monthly Charge**

60% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

Values on previous page are estimates only and are not a guarantee of savings. Energy savings are a best-effort estimation calculated using a computer model. The model takes into account previous usage and characteristics of the house to determine usage and potential savings. Actual savings will vary depending on behavior, weather events, maintenance of the efficiency improvements, and future utility rates.

The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$17	$26		
Capital Investment		$2,400	$3,586		
Project Fee(s)	4.50%	$108	$161	Payback Period (years)	15
Capital Fee	0.50%	$12	$18	Cost of Capital	3%
Total Interest over life of payback		$624	$970		
Total Cost over life of payback		$3,132	$4,717		

Account Holder: _____ (print name)

Date: _____

Owner: _____ (print name)

Date: _____

How$martKY

Energy Efficiency for Everyone

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Assessor	
Date	

How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	2,490 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	250 kWh	0 kBTU	0 kBTU	
	Base	10560 kWh	0 kBTU	0 kBTU	
=	Total (yr)	13,300 kWh	0 kBTU	0 kBTU	0 kBTU
		13300 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System.

Replace HVAC Cooling with New HVAC Cooling System.

Savings from Baseline:	Savings from Actuals:	Conversions to Fuel	Current Rates	Projected Savings (yr)
1448 kWh (Elec)	1,448 kWh (Elec)	1,448 kWh	0.12 /kWh	$174
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$14**

before monthly How$mart Charge

Financing

$5,000.00 **Cost of Improvements (est):**

$1,000.00 **Kentucky Home Preformance**

$2,250.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$1,250.00 **Utility Contribution**

$1,275 Not to Exceed Amount (90% of Savings)

@ 3%

over 10 years

$13 **Monthly Charge**

88% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

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The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

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		Estimate	Not to Exceed		
Fixed Monthly Charge		$13	$13		
Capital Investment		$1,250	$1,275		
Project Fee(s)	4.50%	$56	$57	Payback Period (years)	10
Capital Fee	0.50%	$6	$6	Cost of Capital	3%
Total Interest over life of payback		$215	$231		
Total Cost over life of payback		$1,521	$1,564		

Account Holder: _____ Owner: _____
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How$martKY

Energy Efficiency for Everyone

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	6,910 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	3670 kWh	0 kBTU	0 kBTU	
	Base	13200 kWh	0 kBTU	0 kBTU	
=	Total (yr)	23,780 kWh	0 kBTU	0 kBTU	0 kBTU
		22300 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Seal around Garden Tub plumbing pentrations
Repair Belly Insulaiton
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
5054 kWh (Elec)	3,574 kWh (Elec)	3,574 kWh	0.12 /kWh	$429
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$36**

before monthly How$mart Charge

Financing

$6,000.00 **Cost of Improvements (est):**

$1,200.00 **Kentucky Home Preformance**

$200.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$4,100.00 **Utility Contribution**

$4,402 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$30 **Monthly Charge**

83% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

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The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$30	$32		
Capital Investment		$4,100	$4,402		
Project Fee(s)	4.50%	$185	$198	Payback Period (years)	15
Capital Fee	0.50%	$21	$22	Cost of Capital	3%
Total Interest over life of payback		$1,067	$1,190		
Total Cost over life of payback		$5,351	$5,790		

Account Holder: _____ Owner: _____
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How$martKY

Energy Efficiency for Everyone

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	14,400 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1620 kWh	0 kBTU	0 kBTU	
	Base	12600 kWh	0 kBTU	0 kBTU	
=	Total (yr)	28,620 kWh	0 kBTU	0 kBTU	0 kBTU
		24623 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Install R-19 insulation in floor where Missint approx 50% missing or damaged.
Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Seal and close off Closets Upstairs.
Weather Stiping around Exterior Rear door.
Seal around garden tub.
Seal plumbing pentration in floor and where it enters attic.
Seal Duct Work to 10% of fan capacity.
Mositure Barrier 6 mil plastic lap on wall 12".

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
8200 kWh (Elec)	4,203 kWh (Elec)	4,203 kWh	0.12 /kWh	$504
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$42**

before monthly How$mart Charge

Financing

$10,932.25 **Cost of Improvements (est):**

$5,300.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$5,132.25 **Utility Contribution**

$5,176 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$37 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

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The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$37	$38		
Capital Investment		$5,132	$5,176		
Project Fee(s)	4.50%	$231	$233	Payback Period (years)	15
Capital Fee	0.50%	$26	$26	Cost of Capital	3%
Total Interest over life of payback		$1,335	$1,400		
Total Cost over life of payback		$6,699	$6,809		

Account Holder: _____ Owner: _____
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Date: _____ Date: _____

How$martKY

Energy Efficiency for Everyone

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Location ID:	Customer Information Removed for Privacy.
Name	
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Date	

How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	11,200 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	3910 kWh	0 kBTU	0 kBTU	
	Base	12000 kWh	0 kBTU	0 kBTU	
=	**Total (yr)**	27,110 kWh	0 kBTU	0 kBTU	0 kBTU
		27000 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System. #2
Replace HVAC Cooling with New HVAC Cooling System. #2
Replace HVAC Heating with New HVAC Heating System. #1
Replace HVAC Cooling with New HVAC Cooling System. #1
Add Insulation in attic to 6"
Seal to Bas from 2252 to 1796

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
6556 kWh (Elec)	6,446 kWh (Elec)	6,446 kWh	0.12 /kWh	$774
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$64**

before monthly How$mart Charge

Financing

$12,556.13 **Cost of Improvements (est):**

$4,200.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$7,856.13 **Utility Contribution**

$7,939 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$57 **Monthly Charge**

88% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

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The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$57	$58		
Capital Investment		$7,856	$7,939		
Project Fee(s)	4.50%	$354	$357	Payback Period (years)	15
Capital Fee	0.50%	$39	$40	Cost of Capital	3%
Total Interest over life of payback		$2,044	$2,147		
Total Cost over life of payback		$10,254	$10,443		

Account Holder: _____ (print name)

Date: _____

Owner: _____ (print name)

Date: _____

How$martKY

Energy Efficiency for Everyone

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	5,320 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1110 kWh	0 kBTU	0 kBTU	
	Base	19800 kWh	0 kBTU	0 kBTU	
=	Total (yr)	26,230 kWh	0 kBTU	0 kBTU	0 kBTU
		26900 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Add Rim Joist Insulation.
Install R-19 insulation in floor.
Add Insulation in attic to 15" total from existing.
Install Programmable Thermostat.
Replace HVAC Heating with New HVAC Heating System.
Seal Duct Work to 10% of fan capacity.
Replace HVAC Cooling with New HVAC Cooling System.
Reduce Air leakage from 3525 to 2416

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
4494 kWh (Elec)	5,164 kWh (Elec)	5,164 kWh	0.13 /kWh	$671
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$56**

before monthly How$mart Charge

Financing

$10,127.00 **Cost of Improvements (est):**

$2,000.00 **Kentucky Home Preformance**

$1,000.00 **Customer Contribution**

$500.00 **Rebates - Utility**

$6,627.00 **Utility Contribution**

$6,890 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$48 **Monthly Charge**

86% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

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Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$48	$50		
Capital Investment		$6,627	$6,890		
Project Fee(s)	4.50%	$298	$310	Payback Period (years)	15
Capital Fee	0.50%	$33	$34	Cost of Capital	3%
Total Interest over life of payback		$1,724	$1,863		
Total Cost over life of payback		$8,650	$9,063		

Account Holder: _____ Owner: _____
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How$martKY

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How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	6,240 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1090 kWh	0 kBTU	0 kBTU	
	Base	20400 kWh	0 kBTU	0 kBTU	
=	Total (yr)	27,730 kWh	0 kBTU	0 kBTU	0 kBTU
		27300 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System.
Remove old insulation add Insulation in attic to 15" total from existing.
Moisture barrier 6 mill black plastic lap on wall and peers 12"
Insulate attic access.
Replace HVAC Cooling with New HVAC Cooling System.
AirSeal from 2156 to Bas of 1556
Caulk around windows and door facings
Replace fallin wet insulation. Install R-19 insulation in floor. Approx 25%
Seal plumbing and electrical pentrations in the floor

Savings from Baseline:	*Savings from Actuals:*	*Conversions to Fuel*	*Current Rates*	*Projected Savings (yr)*
4650 kWh (Elec)	4,220 kWh (Elec)	4,220 kWh	0.12 /kWh	$506
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$42**
before monthly How$mart Charge

Financing

$9,768.17 **Cost of Improvements (est):**

$1,870.10 **Customer Paid for Item(s)**

$1,953.63 **Kentucky Home Preformance**

$776.76 **Rebates - Utility**

$5,167.68 **Utility Contribution**

$5,197 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$37 **Monthly Charge**

89% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

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The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$37	$38		
Capital Investment		$5,168	$5,197		
Project Fee(s)	4.50%	$233	$234	Payback Period (years)	15
Capital Fee	0.50%	$26	$26	Cost of Capital	3%
Total Interest over life of payback		$1,345	$1,405		
Total Cost over life of payback		$6,745	$6,836		

Account Holder: _____ Owner: _____
print name print name

Date: _____ Date: _____

How$martKY

Energy Efficiency for Everyone

JACKSON ENERGY
A Touchstone Energy® Cooperative

Location ID:	Customer Information Removed for Privacy.
Name	
OwnerName	
Phone	
Assessor	
Date	

How Your Home Uses Energy

	model baseline	Elec	Gas	Propane	Wood/Coal
	Heating	7,550 kWh	0 kBTU	0 kBTU	0 kBTU
	Cooling	1210 kWh	0 kBTU	0 kBTU	
	Base	13140 kWh	0 kBTU	0 kBTU	
=	Total (yr)	21,900 kWh	0 kBTU	0 kBTU	0 kBTU
		21900 kWh	0 kBTU	0 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

Replace HVAC Heating with New HVAC Heating System.
Replace HVAC Cooling with New HVAC Cooling System.
Seal and Repair Belly Insulation.
Seal and Repair Sliding door so it closes and seals properly.
Seal and insulate fire place box by the fire place with foam board and caulk.
Seal around fireplace.
Seal all plumbing pentratation. (sinks and washer dryer).
Seal around outside and inside walls top and bottom including closets.
Seal Marrage wall top and bottom where possible.
Replace or repair both Bathroom exhaust fans to stop leakage.
Seal from 3352 to BAS of 1476 Min req 3000.

Savings from Baseline:	Savings from Actuals:	Conversions to Fuel	Current Rates	Projected Savings (yr)
4032 kWh (Elec)	4,032 kWh (Elec)	4,032 kWh	0.12 /kWh	$484
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	$0
0 kBTU (Propane)	0 kBTU (Propane)	0 Gal	2.88 /Gal	$0

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) **$40**

before monthly How$mart Charge

Financing

$5,600.00 **Cost of Improvements (est):**

$500.00 **Rebates - Utility**

$5,100.00 **Utility Contribution**

$4,966 Not to Exceed Amount (90% of Savings)

@ 3%

over 15 years

$37 **Monthly Charge**

92% of projected savings

Next Steps

1. Sign Purchase Agreement
2. Select contractor and schedule the job
3. Energy Specialist returns to inspect completed work
4. Savings begin and installments charge appears on utility bill.

If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

Values on previous page are estimates only and are not a guarantee of savings. Energy savings are a best-effort estimation calculated using a computer model. The model takes into account previous usage and characteristics of the house to determine usage and potential savings. Actual savings will vary depending on behavior, weather events, maintenance of the efficiency improvements, and future utility rates.

The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermastat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How$martKY.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation.

Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How$martKY) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

		Estimate	Not to Exceed		
Fixed Monthly Charge		$37	$36		
Capital Investment		$5,100	$4,966		
Project Fee(s)	4.50%	$230	$223	Payback Period (years)	15
Capital Fee	0.50%	$26	$25	Cost of Capital	3%
Total Interest over life of payback		$1,327	$1,343		
Total Cost over life of payback		$6,657	$6,532		

Account Holder: _____ Owner: _____
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Simple Things to Do to Spend Less on Energy

If you change what you do, you'll change what you get for a monthly bill.

Heating and cooling:

- ☐ Set the thermostat at a moderate temperature at the beginning of each season and leave it where you set it.
- ☐ A recommended, moderate winter temperature is 68 degrees. A moderate summer temperature is 74 degrees.

Heat pumps:

- ☐ If you have an electric heat pump, do not turn your heat pump up more than 4 degrees at a time in winter. Rapidly raising the temperature will force the heat pump to use its more expensive, auxiliary/emergency heat system to get the temperature up.
- ☐ Heat pump auxiliary heat can cost $1.00 or more per hour whereas average heat pump operation costs 30 to 40 cents an hour.
- ☐ In summer, if you have an electric heat pump, do not lower the temperature by more than 4 degrees at a time.
- ☐ Taking care of your heat pump can help you save energy. In the fall, have a tune-up done to make sure refrigerant levels are optimum.
- ☐ Clean the coils to remove dirt so your equipment can operate efficiently.
- ☐ Regularly change the filter to help keep the coils clean.

Space heaters:

- ☐ Electric space heaters are energy hogs and are dangerous if used in the wrong place.
- ☐ Always keep space heaters at least three feet away from all flammable items such as curtains, blankets and furniture.
- ☐ Use space heaters only on level, non-flammable floor surfaces, NEVER on carpets, furniture or countertops.

Water heating:

- ☐ Set your water heater's thermostat at 120 degrees F. This temperature is plenty warm for showers and washing dishes.
- ☐ Use cold water to wash clothes whenever possible. Many of today's detergents are meant to work with cold water.

Other ways to use less electricity and spend less on energy:

- ☐ Turn off computers, lights, fans, air conditioners and televisions when they're not in use.
- ☐ Unplug appliances and electronics that use a 'phantom load' even in the *off* position. These usually have a red light glowing in the *off* position.

How$martKY™

Energy Efficiency for Everyone