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APR 12 2019

PUBLIC SERVICE
COMMISSION

April 11, 2019

Ms. Gwen R. Pinson
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40601

Dear Ms. Pinson:

Please find enclosed Inter-County Energy's response to the Commission's Initial Request for Information in Case No. 2019-00060 dated March 28, 2019.

Should you need additional information, please do not hesitate to contact this office.

Sincerely,

A handwritten signature in blue ink that reads "Jerry W. Carter". The signature is fluid and cursive.

Jerry W. Carter
President/CEO

Enclosure(s)

This institution is an equal opportunity provider and employer.

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APR 12 2019

PUBLIC SERVICE
COMMISSION


INTER COUNTY
ENERGY COOPERATIVE

A Touchstone Energy Cooperative 

CASE NO. 2019-00060

DEMAND-SIDE MANAGEMENT FILING OF 15 OF
EAST KENTUCKY POWER COOPERATIVE, INC.'S
COOPERATIVES

INTER-COUNTY ENERGY COOPERATIVE

P. O. Box 87 • Danville, KY 40423-0087

Case No. 2019-00060

CONTENT

- Witness** Certification of Responses to Requested Information
- Item 1** For each Distribution Cooperative, provide the number of participants in each Demand-Side Management (DSM) program offered by year in each of the past five years.
- Item 2** For each Distribution Cooperative, provide the total cost for each DSM program by year for the past five years and indicate the amount of the total cost that was reimbursed by East Kentucky Power Cooperative, Inc. (EKPC) and the amount not reimbursed by EKPC.
- Item 3** Provide the names of the members of EKPC's DSM Steering Committee, identify which Distribution Cooperative each member represents, and describe the process used to evaluate the cost-effectiveness and need for existing DSM programs offered by the respective Distribution Cooperatives.
- Item 4** Provide a copy of all marketing materials and brochures currently used to promote each DSM program that each Distribution Cooperative proposes to continue.
- Item 5** For each Distribution Cooperative, provide a list and cost of any DSM programs that each Distribution Cooperative offers that EKPC does not offer, if any.
- Item 6** For each Distribution Cooperative, provide a list of any DSM program targeted at low-income customers and provide a description of said programs.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

DEMAND-SIDE MANAGEMENT FILING OF 15 OF)
EAST KENTUCKY POWER COOPERATIVE, INC.'S)
COOPERATIVES)

CASE NO.
2019-00060

CERTIFICATE

STATE OF KENTUCKY)
)
COUNTY OF BOYLE)

Dan Hitchcock, Vice President – Member Services, being duly sworn, states that he has prepared the responses to the questions from the Commission Staff to Inter-County Energy Cooperative in Case No. 2019-00060 dated March 28, 2019, and that the responses are true and accurate to the best of his knowledge, information and belief formed after a reasonable inquiry.

Witness my hand this 12 day of April, 2019

Dan Hitchcock

Dan Hitchcock, Vice President Member Services
Inter-County Energy Cooperative Corporation

Subscribed and sworn before me this 12th day of April, 2019

Farrak Coleman

NOTARY PUBLIC – ID 583751
STATE OF KENTUCKY
COUNTY OF BOYLE



My Commission Expires: August 24, 2021

INTER-COUNTY ENERGY COOPERATIVE CORPORATION
CASE NO. 2019-00060

RESPONSES TO COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION

Item 1: For each Distribution Cooperative, provide the number of participants in each Demand-Side Management (DSM) program offered by year in each of the past five years.


Response: The number of participants for the years 2014, 2015, 2016, 2017, and 2018 are shown in the tables that follow, along with other pertinent information for each program. Note that the amounts listed in the column labeled as "Total Cost" represents the cost of Inter-County Energy's DSM programs that were reimbursed by East Kentucky Power Cooperative ("EKPC") except for advertising costs. Reimbursed advertising costs are not included on the tables that follow.

Kentucky's Touchstone Energy Cooperatives 

Inter-County Energy
January 01, 2014 to
December 31, 2014

Measure	# Customers	Rebates + Co-op Admin	Lost Revenue Amount	Total Cost
Commercial	4	\$6,492	\$9,754	\$16,246
C&I Lighting Upgrade	4	\$6,492	\$9,754	\$16,246
Residential	6,468	\$41,903	\$26,313	\$68,216
Button Up - Level I	37	\$18,133	\$8,163	\$26,296
CFL	6,000	\$5,400	\$0	\$5,400
Heat Pump Retrofit	17	\$13,030	\$15,490	\$28,520
HVAC Duct Sealing	2	\$590	\$410	\$1,000
LED	1	\$0	\$0	\$0
TSE Home (Performance)	3	\$2,850	\$1,350	\$4,200
TSE Home (Prescriptive)	2	\$1,900	\$900	\$2,800
Direct Load Control	406			
Total	6,472	\$48,395	\$36,066	\$84,461

Notes: Direct Load Control participants are new participants in the year.

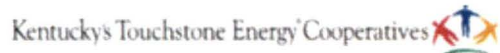
Kentucky's Touchstone Energy Cooperatives 
Inter-County Energy
January 01, 2015 to December
31, 2015

Measure	# Custome	Rebate + Co-op Admin	Lost Revenue Amount	Total Cost
Commercial	5	\$19,875	\$29,859	\$49,733
C&I Lighting Upgrade	5	\$19,875	\$29,859	\$49,733
Residential	9,456	\$97,455	\$65,926	\$163,380
Appliance Recycling Freezer	18	\$2,165	\$1,440	\$3,605
Appliance Recycling Refrigerator	48	\$6,372	\$4,590	\$10,962
Button Up - Level I	37	\$16,643	\$8,655	\$25,297
CFL	8,500	\$7,650	\$0	\$7,650
Energy Audit - Billing Insights Audit	76	\$0	\$0	\$0
ENERGY STAR Air Source Heat Pump	55	\$17,700	\$22,175	\$39,875
ENERGY STAR Central Air Conditioner	3	\$900	\$300	\$1,200
ENERGY STAR Clothes Washer	94	\$7,050	\$4,760	\$11,810
ENERGY STAR Dishwasher	99	\$4,950	\$1,065	\$6,015
ENERGY STAR Freezer	23	\$1,150	\$305	\$1,455
ENERGY STAR Heat Pump Water Heater	2	\$600	\$770	\$1,370
ENERGY STAR Refrigerator	144	\$14,400	\$2,370	\$16,770
Heat Pump Retrofit	15	\$12,600	\$16,671	\$29,271
HVAC Duct Sealing	5	\$1,475	\$1,025	\$2,500
LED	1	\$0	\$0	\$0
LED-Promotional	140	\$0	\$0	\$0
TSE Home (Prescriptive)	4	\$3,800	\$1,800	\$5,600
Direct Load Control	192			
Total	9,461	\$117,330	\$95,784	\$213,114

Notes: Direct Load Control participants are new participants in the year.

Appliance Recycling Rebate + Co-op Admin includes 3rd party admin costs paid by EKPC.

LED- Promotional and auditing software paid by EKPC to a 3rd party



Inter-County Energy
January 01, 2016 to December
31, 2016


Measure	#	Rebates + Co-op	Lost Revenue	Total
Commercial	10	\$22,999	\$34,538	\$57,537
C&I Lighting Upgrade	10	\$22,999	\$34,538	\$57,537
Residential	8,234	\$173,471	\$125,994	\$299,464
Appliance Recycling Freezer	9	\$863	\$450	\$1,313
Appliance Recycling Refrigerator	64	\$9,064	\$6,480	\$15,544
Button Up - Level I	46	\$18,778	\$9,599	\$28,377
Button Up - Level III	1	\$1,600	\$1,025	\$2,625
CARES HEAT PUMP ELIGIBLE	4	\$6,400	\$2,400	\$8,800
CFL	7,000	\$6,300	\$0	\$6,300
Energy Audit - Billing Insights Audit	128	\$0	\$0	\$0
ENERGY STAR Air Source Heat	65	\$21,900	\$27,465	\$49,365
ENERGY STAR Central Air	10	\$3,000	\$1,055	\$4,055
ENERGY STAR Clothes Washer	199	\$14,625	\$9,805	\$24,430
ENERGY STAR Dishwasher	176	\$8,750	\$2,525	\$11,275
ENERGY STAR Freezer	35	\$1,650	\$280	\$1,930
ENERGY STAR Heat Pump Water	7	\$2,400	\$1,540	\$3,940
ENERGY STAR MANUFACTURED	3	\$5,700	\$7,200	\$12,900
ENERGY STAR Refrigerator	239	\$23,300	\$5,085	\$28,385
Heat Pump Retrofit	40	\$38,690	\$46,135	\$84,825
LED-Promotional	125	\$0	\$0	\$0
TSE Home (Performance)	7	\$6,650	\$3,150	\$9,800
TSE Home (Prescriptive)	4	\$3,800	\$1,800	\$5,600
Direct Load Control	72			
Total	8,244	\$196,470	\$160,532	\$357,001

Notes: Direct Load Control participants are new participants in the year.
Appliance Recycling Rebate + Co-op Admin includes 3rd party admin costs paid by EKPC.
LED- Promotional and auditing software paid by EKPC to a 3rd party

Inter-County Energy
January 01, 2017 to December
31, 2017

Measure	#	Rebates + Co-op	Lost Revenue	Total
Commercial	10	\$8,209	\$12,333	\$20,542
C&I Lighting Upgrade	10	\$8,209	\$12,333	\$20,542
Residential	2,794	\$213,727	\$155,265	\$368,992
Appliance Recycling Freezer	11	\$1,266	\$810	\$2,076
Appliance Recycling Refrigerator	56	\$7,653	\$5,310	\$12,963
Button Up - Level I	50	\$22,737	\$11,803	\$34,540
Button Up - Level III	4	\$6,400	\$4,100	\$10,500
CARES HEAT PUMP ELIGIBLE	4	\$7,400	\$2,400	\$9,800
CARES HEAT PUMP IN-ELIGIBLE	1	\$850	\$600	\$1,450
CFL	1,700	\$1,530	\$0	\$1,530
Energy Audit - Billing Insights Audit	45	\$0	\$0	\$0
ENERGY STAR Air Source Heat	135	\$44,100	\$42,850	\$86,950
ENERGY STAR Central Air	7	\$2,400	\$600	\$3,000
ENERGY STAR Clothes Washer	175	\$12,150	\$6,810	\$18,960
ENERGY STAR Dishwasher	191	\$9,250	\$3,200	\$12,450
ENERGY STAR Freezer	38	\$1,550	\$300	\$1,850
ENERGY STAR Heat Pump Water	10	\$2,100	\$1,155	\$3,255
ENERGY STAR Refrigerator	232	\$22,500	\$18,150	\$40,650
Heat Pump Retrofit	32	\$31,970	\$37,247	\$69,217
HVAC Duct Sealing	16	\$4,720	\$3,280	\$8,000
LED-Promotional	32	\$0	\$0	\$0
TSE Home (Performance)	11	\$10,450	\$4,950	\$15,400
TSE Home (Prescriptive)	26	\$24,700	\$11,700	\$36,400
Direct Load Control	18			
Total	2,804	\$221,936	\$167,598	\$389,534

Notes: Direct Load Control participants are new participants in the year.
Appliance Recycling Rebate + Co-op Admin includes 3rd party admin costs paid by EKPC.
LED- Promotional and auditing software paid by EKPC to a 3rd party

Kentucky's Touchstone Energy Cooperatives 

Inter-County Electric
January 01, 2018 to December
31, 2018

Measure	#	Rebates + Co-op	Lost Revenue	Total
Commercial	9	\$16,195	\$24,330	\$40,525
C&I Lighting Upgrade	9	\$16,195	\$24,330	\$40,525
Residential	3,477	\$153,164	\$112,692	\$265,856
Appliance Recycling Freezer	9	\$1,210	\$720	\$1,930
Appliance Recycling Refrigerator	36	\$5,413	\$3,420	\$8,833
Button Up - Level I	33	\$14,691	\$7,426	\$22,117
CARES HEAT PUMP ELIGIBLE	3	\$5,300	\$1,800	\$7,100
Energy Audit - Billing Insights Audit	12	\$0	\$0	\$0
ENERGY STAR Air Source Heat	115	\$33,300	\$33,385	\$66,685
ENERGY STAR Central Air	5	\$2,100	\$700	\$2,800
ENERGY STAR Clothes Washer	144	\$8,550	\$5,260	\$13,810
ENERGY STAR Dishwasher	176	\$8,400	\$3,055	\$11,455
ENERGY STAR Freezer	27	\$1,200	\$705	\$1,905
ENERGY STAR Heat Pump Water	12	\$2,400	\$1,155	\$3,555
ENERGY STAR MANUFACTURED	2	\$3,800	\$4,800	\$8,600
ENERGY STAR Refrigerator	191	\$16,300	\$11,780	\$28,080
Heat Pump Retrofit	21	\$21,230	\$24,816	\$46,046
HVAC Duct Sealing	12	\$4,130	\$2,870	\$7,000
LED	2,600	\$2,340	\$0	\$2,340
LED-Promotional	13	\$0	\$0	\$0
TSE Home (Performance)	15	\$14,250	\$6,750	\$21,000
TSE Home (Prescriptive)	9	\$8,550	\$4,050	\$12,600
Direct Load Control	42	\$0	\$0	\$0
Total	3,486	\$163,358	\$137,022	\$306,380

Notes: Direct Load Control participants are new participants in the year.

Appliance Recycling Rebate + Co-op Admin includes 3rd party admin costs paid by EKPC.

LED- Promotional and auditing software paid by EKPC to a 3rd party


INTER-COUNTY ENERGY COOPERATIVE CORPORATION
CASE NO. 2019-00060

RESPONSES TO COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION

Item 2: For each Distribution Cooperative, provide the total cost for each DSM program by year for the past five years and indicate the amount of the total cost that was reimbursed by East Kentucky Power Cooperative, Inc. (EKPC) and the amount not reimbursed by EKPC.

Response: Refer to the tables for 2014, 2015, 2016, 2017, and 2018 included with Inter-County Energy's Response to Commission Staff's Initial Request for Information, Item 1. The amounts labeled "Total Cost" represent all DSM costs reimbursed to Inter-County Energy by EKPC except for advertising. Advertising costs are excluded entirely from the tables provided in response to Item 1.

Unreimbursed costs include Inter-County Energy's share of advertising costs,¹ administrative costs,² and low energy light bulbs.³ The calculation of Inter-County Energy's total cost of providing each DSM program for the years 2014, 2015, 2016, 2017, and 2018 are shown in the tables that follow.

Kentucky's Touchstone Energy Cooperatives 
Inter-County Energy
 January 01, 2014 to
 December 31, 2014


Measure	Reimbursed ¹	Unreimbursed	Unreimbursed	Unreimbursed	Total
	Total Cost ¹	Advertising	Admin	Bulbs	
Commercial	\$16,246		\$888		\$17,134
C&I Lighting Upgrade	\$16,246		\$888		\$17,134
Residential	\$68,216				\$68,216
Button Up - Level 1	\$26,296		\$2,960		\$29,256
CFL	\$5,400			\$4,500	\$9,900
Heat Pump Retrofit	\$28,520		\$1,360		\$29,880
HVAC Duct Sealing	\$1,000		\$160		\$1,160
LED	\$0				\$0
TSE Home (Performance)	\$4,200		\$480		\$4,680
TSE Home (Prescriptive)	\$2,800		\$320		\$3,120
Direct Load Control					
Total	\$84,461	\$0	\$6,168	\$4,500	\$95,129
Advertising					
DSM - multiple programs	\$9,002	\$3,001			\$12,003
Total	\$93,464	\$3,001	\$6,168	\$4,500	\$107,132

¹EKPC reimbursed Inter-County Energy 75 percent of DSM advertising costs capped at a fixed limit based on the number of meters serviced by Inter-County Energy. The 2014 cap was equal to \$.50 per meter served. The cap was \$.75 per meter during 2015, 2016, and 2017. EKPC discontinued advertising reimbursement after 2017.

Note that advertising costs reimbursable by EKPC include outgoing funds expended by Inter-County Energy for television, radio, newspaper, and other advertisements specific to DSM programs. Advertising costs do not include an allocation of the cost of Inter-County Energy's social media, Kentucky Living Magazine, and other communication outlets where DSM programs are continuously promoted.

²EKPC reimbursed Inter-County Energy a fixed amount for each DSM program administered. For example, during 2018 EKPC reimbursed Inter-County Energy \$130 for each Level 1 Button Up program completed during the year while the reimbursement amount for each Level 1 Button Up with Air Sealing was \$230. The reimbursements are intended to assist Inter-County Energy with paying a portion of the costs incurred to administer the programs. Administrative costs include employee wages, benefits, transportation, and communication expenses attributed to the DSM programs.

³EKPC reimbursed Inter-County Energy \$.90 cents per bulb since 2014. Inter-County Energy paid the cost that exceeded reimbursement.

Kentucky's Touchstone Energy Cooperatives 

Inter-County Energy
January 01, 2015 to December 31,
2015

Measure	Reimbursed "Total Cost"	Unreimbursed Advertising	Unreimbursed Admin	Unreimbursed Bulbs	Total
Commercial	\$49,733		\$1,110		\$50,843
C&I Lighting Upgrade	\$49,733		\$1,110		\$50,483
Residential	\$163,380		\$5,520	\$6,375	\$175,275
Appliance Recycling Freezer	\$3,605				\$3,605
Appliance Recycling Refrigerator	\$10,962				\$10,962
Button Up - Level I	\$25,297		\$2,960		\$28,257
CFL	\$7,650			\$6,375	\$14,025
Energy Audit - Billing Insights Audit	\$0				\$0
ENERGY STAR Air Source Heat Pump	\$39,875				\$39,875
ENERGY STAR Central Air Conditioner	\$1,200				\$1,200
ENERGY STAR Clothes Washer	\$11,810				\$11,810
ENERGY STAR Dishwasher	\$6,015				\$6,015
ENERGY STAR Freezer	\$1,455				\$1,455
ENERGY STAR Heat Pump Water Heater	\$1,370				\$1,370
ENERGY STAR Refrigerator	\$16,770				\$16,770
Heat Pump Retrofit	\$29,271		\$1,200		\$30,471
HVAC Duct Sealing	\$2,500		\$400		\$2,900
LED	\$0				\$0
LED-Promotional	\$0				\$0
TSE Home (Prescriptive)	\$5,600		\$960		\$6,560
Direct Load Control					
Total	\$213,114	\$0	\$6,630	\$6,375	\$226,119
Advertising	\$10,068	\$3,356	\$0	\$0	\$13,424
DSM - multiple programs	\$8,322	\$2,774			\$11,096
Billing Insights	\$1,466	\$489			\$1,955
Energy Star Appliance	\$280	\$93			\$373
Total	\$223,182	\$3,356	\$6,630	\$6,375	\$239,543

KENTUCKY'S FOULDSIDE ENERGY COOPERATIVES 

Inter-County Energy
January 01, 2016 to December 31,
2016

Measure	Reimbursed Total	Unreimbursed	Unreimbursed Admin	Unreimbursed Bulbs	Total
Commercial	\$57,537		\$2,220		\$59,757
C&I Lighting Upgrade	\$57,537		\$2,220		\$59,757
Residential	\$299,464		\$11,340		\$313,835
Appliance Recycling Freezer	\$1,313				\$1,313
Appliance Recycling Refrigerator	\$15,544				\$15,544
Button Up - Level I	\$28,377		\$3,680		\$32,057
Button Up - Level III	\$2,625		\$160		\$2,785
CARES HEAT PUMP ELIGIBLE	\$9,800		\$320		\$9,120
CFL	\$6,300			\$5,250	\$11,550
Energy Audit - Billing Insights Audit	\$0				\$0
ENERGY STAR Air Source Heat	\$49,365				\$49,365
ENERGY STAR Central Air	\$4,055				\$4,055
ENERGY STAR Clothes Washer	\$24,430				\$24,430
ENERGY STAR Dishwasher	\$11,275				\$11,275
ENERGY STAR Freezer	\$1,930				\$1,930
ENERGY STAR Heat Pump Water	\$3,940				\$3,940
ENERGY STAR MANUFACTURED	\$12,900				\$12,900
ENERGY STAR Refrigerator	\$28,385				\$28,385
Heat Pump Retrofit	\$84,825		\$3,200		\$88,025
HVAC Duct Sealing	\$0				\$0
LED	\$0				\$0
LED-Promotional	\$0				\$0
TSE Home (Prescriptive)	\$5,600		\$640		\$6,240
TSE Home (Performance)	\$9,800		\$1,120		\$10,920
Direct Load Control	\$0				\$0
Total	\$357,001	\$0	\$11,340	\$5,250	\$313,835
Advertising	\$11,070	\$3,690	\$0	\$0	\$14,761
DSM - multiple programs	\$9,103	\$3,034			\$12,137
Billing Insights	\$1,090	\$363			\$1,454
Energy Star Appliance	\$877	\$292			\$1,169
Total	\$368,072	\$3,690	\$11,340	\$5,250	\$388,352

Kentucky's Touchstone Energy Cooperatives 

Inter-County Energy
January 01, 2017 to December 31,
2017

Measure	Reimbursed Total	Unreimbursed Advertising	Unreimbursed Admin	Unreimbursed Bulbs	Total
Commercial	\$20,542		\$2,220		\$22,762
C&I Lighting Upgrade	\$20,542		\$2,220		\$22,762
Residential	\$368,991	\$0	\$14,480	\$2,310	\$385,781
Appliance Recycling Freezer	\$2,076				\$2,076
Appliance Recycling Refrigerator	\$12,963				\$12,963
Button Up - Level I	\$34,540		\$4,000		\$38,540
Button Up - Level III	\$10,500		\$320		\$10,820
CARES HEAT PUMP ELIGIBLE	\$9,800		\$320		\$10,120
CARES HEAT PUMP IN-ELIGIBLE	\$1,450		\$80		\$1,530
CFL	\$1,530			\$2,310	\$3,840
Energy Audit - Billing Insights Audit	\$0				\$0
ENERGY STAR Air Source Heat	\$86,950				\$86,950
ENERGY STAR Central Air	\$3,000				\$3,000
ENERGY STAR Clothes Washer	\$18,960				\$18,960
ENERGY STAR Dishwasher	\$12,450				\$12,450
ENERGY STAR Freezer	\$1,850				\$1,850
ENERGY STAR Heat Pump Water	\$3,255				\$3,255
ENERGY STAR MANUFACTURED	\$0				\$0
ENERGY STAR Refrigerator	\$40,650				\$40,650
Heat Pump Retrofit	\$69,217		\$2,560		\$71,777
HVAC Duct Sealing	\$8,000		\$1,280		\$9,280
LED	\$0				\$0
LED-Promotional	\$0				\$0
TSE Home (Prescriptive)	\$36,400		\$1,760		\$38,160
TSE Home (Performance)	\$15,400		\$4,160		\$19,560
Direct Load Control	\$0				\$0
Total	\$389,533	\$0	\$16,700	\$2,310	\$408,543
Advertising	\$11,301	\$3,767	\$0	\$0	\$15,069
DSM - multiple programs	\$10,536	\$3,512			\$14,049
Billing Insights	\$118	\$39			\$158
Energy Star Appliance	\$647	\$216			\$863
Total	\$400,834	\$3,767	\$16,700	\$2,310	\$423,611

Kentucky's Touchstone Energy Cooperatives 

Inter-County Energy

January 01, 2018 to December 31,
2018

Measure	Reimbursed *Total	Unreimbursed Admin	Unreimbursed Bulbs	Total
Commercial	\$40,525	\$1,998		\$42,523
C&I Lighting Upgrade	\$40,525	\$1,998		\$42,523
Residential	\$265,856	\$9,520	\$1,404	\$276,780
Appliance Recycling Freezer	\$1,930			\$1,930
Appliance Recycling Refrigerator	\$8,833			\$8,833
Button Up - Level I	\$22,117	\$2,640		\$24,757
CARES HEAT PUMP ELIGIBLE	\$7,100	\$240		\$7,340
Energy Audit - Billing Insights Audit	\$0			\$0
ENERGY STAR Air Source Heat	\$66,685			\$66,685
ENERGY STAR Central Air	\$2,800			\$2,800
ENERGY STAR Clothes Washer	\$13,810			\$13,810
ENERGY STAR Dishwasher	\$11,455			\$11,455
ENERGY STAR Freezer	\$1,905			\$1,905
ENERGY STAR Heat Pump Water	\$3,555			\$3,555
ENERGY STAR MANUFACTURED	\$8,600	\$160		\$8,760
ENERGY STAR Refrigerator	\$28,080			\$28,080
Heat Pump Retrofit	\$46,046	\$1,680		\$47,726
HVAC Duct Sealing	\$7,000	\$960		\$7,960
LED	\$2,340		\$1,404	\$3,744
LED-Promotional	\$0			\$0
TSE Home (Prescriptive)	\$12,600	\$1,440		\$14,040
TSE Home (Performance)	\$21,000	\$2,400		\$23,400
Direct Load Control	\$0			\$0
Total	\$306,380	\$11,518	\$1,404	\$319,302

In addition to the DSM programs referred to above, Inter-County Energy provides an Energy Audit DSM program to residential and small commercial Members. To provide this program, Inter-County Energy currently employs two Energy Advisors who perform, among other duties, energy audits at the request of the member. The table below lists the number of energy audits performed during the years 2014 through 2018 and the estimated cost of those audits. EKPC provides no reimbursement for these audits.

2014-2018 Energy Audits Performed

	2014	2015	2016	2017	2018
Number of Audits	428	212	219	241	196
Estimated Costs	\$58,422	\$28,620	\$30,879	\$35,427	\$29,988

INTER-COUNTY ENERGY COOPERATIVE CORPORATION
CASE NO. 2019-00060

RESPONSES TO COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION

Item 3: Provide the names of the members of EKPC's DSM Steering Committee, identify which Distribution Cooperative each member represents, and describe the process used to evaluate the cost-effectiveness and need for existing DSM programs offered by the respective Distribution Cooperatives.

Response: Alan Coffey (South Kentucky RECC), Barry Drury (Blue Grass Energy), Caralyne Pennington (Farmers RECC), Charlie Pasley (Clark Energy), Chuck Filiatreau (Salt River Electric), Jared Routh (Shelby Energy), Dan Hitchcock (Inter-County Energy), John May (Licking Valley RECC), Joni Hazelrigg (Fleming-Mason Energy), Natasha Wiley (Big Sandy RECC), Rich Prewitt (Cumberland Valley), Rick Ryan (Nolin RECC), Sandy Painter (Jackson Energy), Jack Scott Lawless (Owen Electric), Tina Preece (Grayson), Ann Beard (Taylor Co. RECC), Scott Drake (EKPC), Joe Settles (EKPC), Hank Smith (EKPC), Tom Castle (EKPC), Bill Blair (EKPC), Sha Phillips (EKPC), and Josh Littrell (EKPC).

The DSM Steering Committee review the DSM Potential Study performed by GDS Associates for each EKPC IRP. That study identifies all potential cost-effective DSM programs. John Farley, DSM consultant, also provided additional insight to DSM program cost-effectiveness evaluations. The DSM Steering Committee, based on their field experience working the membership, helps to identify the need for cost-effective programs. Although no formal process exists to determine need for new DSM programs, participation levels of existing programs are reviewed to assist in determining the need to continue cost-effective programs. Both the DSM Steering Committee and the owner-member CEOs expressed a desire to continue cost-effective residential programs that assist their members having high bills due to energy-inefficient housing.

INTER-COUNTY ENERGY COOPERATIVE CORPORATION
CASE NO. 2019-00060

RESPONSES TO COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION

Item 4: Provide a copy of all marketing materials and brochures currently used to promote each DSM program that each Distribution Cooperative proposes to continue.

Response: Presently, Inter-County Energy uses several informational pieces to promote our DSM programs as well as social media and will continue to do so. We employ the use of our Member newsletters within *Kentucky Living* magazine, our website; and social media outlets, including : Facebook, Twitter and Instagram.

Since the Commission's order in case 2019-00060, dated February 27, 2019, Inter-County Energy has updated its website and New Member Information packets to reflect revised DSM programs and is in the process of updating the Member Handbook (see pages 2 thru 7 of this response). Inter-County Energy will continue to promote the revised DSM programs through the resources mentioned above as well as incorporate any additional resources.

The screenshot shows the top portion of a website for Inter-County Energy Cooperative. The header includes the logo, a language selection dropdown, and a 'Pay Online' button. Below the header is a green bar with social media icons for Twitter, Facebook, and Instagram, and a search bar containing the text 'OUTAGE REPORTING: 1.866.224.2235'. A dark navigation bar contains links for Home, My Co-op, Reducing Your Bill, Residential, Safety/Community, and Solar, EV. The main content area features the title 'Reducing Your Bill' with an '[Admin Edit Content]' link. The text below explains a program to help with energy costs and provides a list of resources.

INTER COUNTY ENERGY COOPERATIVE
A Touchstone Energy Cooperative

Select Language Pay Online

2 if your contact information/

OUTAGE REPORTING: 1.866.224.2235

Home | My Co-op | Reducing Your Bill | Residential | Safety/Community | Solar, EV

Reducing Your Bill

[\[Admin Edit Content\]](#)

Whether you are building a new house or weatherizing the one you currently are living in, we have a program to assist you in living more comfortably. Please call 859-236-4561/1-888-266-7322 to inquire about one of these programs or email [Inter-County Energy](#).

- [Energy Efficiency Programs](#)
- [Demand Load Control](#)
- [HVAC Contractors](#)
- [Library & Calculators](#)
- [Techno Thermostats](#)
- [Troubleshooting a High Bill](#)



[About Us](#) | [Careers](#) | [Outages](#) | [Right of Way](#) | [Contact Us](#) | [Service Requirements](#)

[Select Language](#) [Pay Online](#) [Outage Map](#) [Prepay Service](#)

is by calling 1.888.266.7322 if your contact information/number



OUTAGE REPORTING: 1.866.224.2235

[Home](#) | [My Co-op](#) | [Reducing Your Bill](#) | [Residential](#) | [Safety/Community](#) | [Solar, EV's and Renewables](#) | [My Business](#)

Energy Efficiency

[\[Admin Edit Content\]](#)

Energy Efficiency/Demand Side Management Programs

Inter-County Energy offers the following [Programs and Services](#) to assist our members in saving energy while living comfortable in the process. Some of these programs will change and some were discontinued as of March 1, 2019. Contact the Member Services Department for further details on the changes.

It is recommended that you check with Inter-County Energy member services personnel before purchasing any equipment to insure they qualify. Inter-County Energy does not in any way constitute a warranty expressed or implied or guarantee any products or specific energy savings. Please check with one of our energy advisors to see how you can qualify and further understand each program.

If you live in one of the following counties, contact the Member Service Department.

[Boyle/Mercer/Casey Counties](#)

[Garrard/Marion/Lincoln Counties](#)

Button Up Weatherization Program: Check out videos on You Tube on installing insulation and the use of infrared cameras

Energy Audit Program/ [Billing Insights](#)

Loan Program for the replacement of heating and cooling systems with high-efficiency systems.

[Procedure to turn off/on ETS units](#)

Co-op Information

- Home
- My Co-op
- Reducing Your Bill
 - Demand Load Control
 - HVAC Contractors
 - Usage Calculators
 - Techno Thermostats
 - Troubleshooting a High Bill
 - DSM/ Energy Efficiency Programs
 - Energy Savings Home Tour
 - Energy Conservation
 - Together We Save Energy Tips
 - Energy Star Manufactured Home Program
- Residential
- Safety/Community
- Solar, EV's and Renewables
- My Business



About Us | Careers | Outages | Right of Way | C

INTER COUNTY
ENERGY COOPERATIVE
A Touchstone Energy Cooperative

Select Language Pay Online

OUTAGE REPORTING: 1.866.224.2235

Home | My Co-op | Reducing Your Bill | Residential | Safety/Community | Solar, EV's

Demand Load Control

[\[Admin Edit Content\]](#)

What is the SimpleSaver Program/Demand Load Control?

The program is designed to monitor and reduce electricity use during peak demand periods when energy costs are highest. In the summer, peak demand occurs as air conditioning strains the electric system. During winter, water heaters consume more power, which also increases your energy costs. But if those units are managed even briefly during peaks by installing remote switches, you can get a credit on your bill, and we all benefit.

Why should I join?

Your participation will help delay the construction of additional power plants and benefit the environment. Best of all, you can save on your power bill. Helping our system to reduce costs is beneficial to you because your electric cooperative pays a higher price for energy during higher demand periods. Participants can also qualify for bill credits. So you not only reduce your energy costs, you also reduce your carbon footprint.

How does it work?

There are two simple ways to save. You can participate in air conditioner and/or water heater management. We would install a remote switch to manage your central air conditioning unit(s) and/or your electric water heater(s) for brief periods when demand reaches peak levels. For those who enroll in air conditioning management, we'll credit your account annually for **\$20 annual per unit signed up**. This credit represents the months of June, July, August and September. Window A/C units do not qualify. If you enroll in water heater management, you must have an electric water heater that is 40-gallon or greater capacity. You would receive an annual bill credit of **\$10 per unit on your February bill** by allowing us to install a switch to manage the water heater's power for brief periods.

brief periods.

Will I be uncomfortable if I participate?

If you join, we guarantee your comfort. During the few times of the year when we reach peak energy levels, you should never have more than 2 degrees of difference in room temperature. Except for the savings, you won't even notice the difference.

What if I am not satisfied with the program?

SimpleSaver is a voluntary, no-risk program. If you decide that using the switch has made you feel uncomfortable, call us immediately. We can usually identify the problem. We believe you will be glad you joined the program, but should you wish to discontinue, you can call **1-800-305-5493**.

Are there any other exceptions on who can join?

You must own and reside in the participating residence. I am moving to a new house, and I want to stay in the program. What should I do? Call us toll free at **1-800-305-5493**. We will install the switch at your new house. Please make the new owner of your current home aware of the existing switch.

How often will my switch be activated?

Your A/C switch(es) will be activated only on summer days when demand for electricity reaches a peak. Your switch will not be activated during holidays unless there is a system emergency. If my switch fails or is damaged, will my air conditioner or water heater work? The switches are extremely reliable, with a failure rate below 1 percent. If there is a problem, a switch will default to "fail-safe" mode. **When the switch is controlling, it should be a solid color and when it's not, it should be a "flashing" amber light.**

Equipment Available

The equipment that will be available when you participate in the Simple Saver program will be a switch that will be furnished by Inter-County Energy that will control either your water heater or your air conditioner or both. There are no thermostats available for this program. The below reference sheet is for those customers that participated in the thermostat program a few years ago.

How can I sign up?

Call us toll free at **1-800-305-5493** or enroll online at [Simple Saver Program](#)

If you have had any problems with your Honeywell thermostat, please reference the pdf below for information on how to address your concerns.

Attachment	Size
simplesaver_thermostat_reference_guide_2012.pdf	131 KB



New DSM Program list as of March 1, 2019

Inter-County Energy offers the following energy-efficiency programs and services to assist our members in saving energy while living comfortable in the process.

Incentives are available to those members that meet certain requirements when weatherizing their home, building a new home or changing out their old resistance type of heating. It is recommended that you check with Inter-County Energy member services personnel before purchasing any equipment to insure they qualify. Inter-County Energy does not in any way constitute a warranty expressed or implied or guarantee any products or specific energy savings.

Touchstone New Construction Program (Heat Pump and Geothermal)

The Touchstone Energy Home standards are designed to provide homeowners superior comfort and energy savings. Following these guidelines and working closely

with your local energy advisor will help you achieve the most out of your new home. Home will meet 2009 IECC code requirements. *Please see an energy advisor for more details.* The program process is as follows:

1. Contact Inter-County Energy's Member Services Department.
2. A pre-drywall inspection (Complete thermal bypass checklist including slab) must be performed.
3. A final inspection and testing of the amount of outside air infiltration is determined.

Please make note: It is important that the Member Services department at Inter-County Energy is contacted prior to construction beginning so they may work with you, the homeowner, in making sure you are on the right track to qualify for the incentive.

The house must be completed before a blower door test can be performed to verify that the house meets the standard.

Additional savings may be accomplished by participating in our Demand Load Control program. The maximum amount of the incentive is \$750 and will depend on what method is used, Prescriptive or Performance. The home is to be total electric with the exception of fireplaces with gas logs.

Heat Pump Retrofit for Stick-Built and Manufactured Homes

Replacement of resistance heat is required such as baseboard, ceiling cable, electric furnace or an ETS/Electric Thermal Storage to be eligible for an incentive. If you are replacing your existing resistance heat source while meeting the specifications for Geothermal (meeting ARI-325 standards), Air Source Heat Pump or a Mini-Split Heat Pump, it will make you eligible for an incentive. There are currently over three levels of incentives available based on the SEER and HSPF of the new heating/cooling system. Ductwork is encouraged to be sealed to less than 10%. Geothermal systems must have closed loop systems. New Manufactured homes are eligible and have no minimum zone requirement.

<u>AHRI Rating</u>	<u>Incentive to Home Owner or Member</u>
14 SEER, 8.0 HSPF	\$500
15 SEER or higher, 8.5 HSPF or higher	\$750
Heat Pump Mini-Split-1 indoor head unit	\$250
Heat Pump Mini-Split-2 indoor head units	\$500
Heat Pump Mini-Split-3 indoor head units	\$750

Loan Program

Available to qualifying Inter-County Energy members to be used for installing ETS, geothermal and air-to-air heat pump heating and cooling equipment in their homes. Loans are available up to a maximum of \$15,000.00 for a maximum term of 6 years. The interest rate is fixed at 4%. For more information, please contact Morgan Janssen in the Member Services Department at Inter-County Energy by calling 1-888-266-7322.

Energy Audit Program

This service provides the member with an energy analysis of their home. The analysis includes heating, cooling and appliance energy usage. Once the analysis is completed, a report is issued to the member detailing estimated "normal" energy use, past energy use and recommendations for improving the efficiency of the home. This is a FREE service provided to Inter-County Energy members. *Ask about the Simple Saver /Demand Load Control Program.*

Witness: Dan Hitchcock

Button Up Weatherization Program

An incentive is available to residences that currently have or are in the process of installing electric heat as the primary heating source and are improving and upgrading attic insulation levels. To qualify, the residence must be a *minimum* of 2 years old and have a heat gain/heat loss analysis performed *prior* to improvements being made. A heat loss reduction will be determined by Inter-County Energy personnel. A certification of R-value, inches of attic insulation installed and/or bag count (receipts) shall be required from the insulation contractor or homeowner. The typical Air Sealing portion of the Button Up incentive could include caulking, improved window and door seals, etc. To receive this incentive an Inter-County Energy representative must perform a “pre” and “post” blower door test to measure actual BTUs reduced. This program is based on the amount of Btuh heat loss reduced/work performed as described above.

<u>Level</u>	<u>Max. Amount of Incentive</u>
Button-Up, Level 1 with air sealing	\$750

Demand Load Control/Simple Saver Program

For allowing Inter-County Energy to control certain types of equipment in your household, the home owner or member will receive a bill credit during certain months of the year. The Direct Load Control Program is available to home owners or members in the service territory of Inter-County Energy and will include the following in order to qualify. Only existing water heaters with installed switches will continue to receive a \$10 credit during the month of February.

<u>Equipment</u>	<u>Credit Amount</u>
❖ Central air conditioning or heat pump units	\$20 credit for installed air conditioner switches
Call 1-800-305-5493 if you wish to participate.	<u>Sign-on Bonus</u> will provide a special incentive up to \$25 for new participants that install a load control switch.

Levelized Billing Program

Inter-County Energy offers a **Levelized Billing Program** for residential members that will ease the burden of high bills and allow you to pay an average bill each month. Levelized billing is based on the average number of kilowatt-hours used in the past 12 months. This means that the payment amount will be only slightly different each month. Members’ accounts can be set up on levelized billing at any time the account has a zero balance. Unlike other types of accounts, program this is on a rolling 12-month average, so there is no settlement month.

ENERGY STAR® Manufactured Homes

ENERGY STAR® qualified homes are significantly more energy efficient than standard homes in that they have been designed, produced, and installed by the home manufacturer to meet ENERGY STAR® requirements. These include features such as more insulation, high-efficiency windows, and heating/cooling equipment. If you are buying a new manufactured home, please see one of our energy advisors or visit www.intercountyenergy.net.

CARES Program (Community Assistance Resources for Energy Savings)

Inter-County Energy’s Community Assistance Resources for Energy Savings (“CARES”) Program provides an incentive to enhance the weatherization and energy efficiency services provided to its members by the Kentucky Community Action Agency (“CAA”) network of not-for-profit community action agencies. Inter-County Energy’s program has two primary objectives. This program will enable the CAA to accomplish additional energy efficiency improvements in each home. Second, this incentive will assist the CAA in weatherizing more homes. This is a partnership between Inter-County Energy and CAA.

PrePay Metering

With the Prepay Service Program (“Prepay”), residential members may purchase electricity before they use it. Prepay residential members avoid paying deposits, late fees, collection fees and/or reconnect fees. Prepay provides members the chance to become more aware of energy usage and better manage energy consumption.

On-Line Bill Pay

Downloading our app will give you access to our On-Line Bill Pay system. This access will allow you pay your bill on-line and check your daily usage for more convenience. It will also allow you to manage your usage by seeing exactly what you use during the warm and cold temperatures. You can pay your bill by accessing our website at www.intercountyenergy.net.

INTER-COUNTY ENERGY COOPERATIVE CORPORATION
CASE NO. 2019-00060

RESPONSES TO COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION

Item 5: For each Distribution Cooperative, provide a list and cost of any DSM programs that each Distribution Cooperative offers that EKPC does not offer, if any.

Response: Inter-County Energy presently has a tariff for Electric Thermal Storage (ETS) heaters, sheet no. 1A of Inter-County Energy's approved tariffs. Since EKPC removed ETS from their DSM portfolio, we no longer promote this particular program or have any ETS sales but we do offer services such as supplying a contractor name to the member in case they need their ETS unit repaired. If any parts are needed, we order those parts on behalf of the member/contractor. Those costs to repair the ETS units are the responsibility of the member.

INTER-COUNTY ENERGY COOPERATIVE CORPORATION
CASE NO. 2019-00060

RESPONSES TO COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION

Item 6: For each Distribution Cooperative, provide a list of any DSM program targeted at low-income customers and provide a description of said programs.

Response: Inter-County Energy offers the Community Assistance Resources for Energy Savings ("CARES") low-income program. The CARES tariff is located on Sheet No. 23, 23A and 23B of Inter-County Energy's tariffs approved by the PSC on December 7, 2015. Below is the program description provided by EKPC as listed in the EKPC 2019 IRP – Exhibit DSM-5, Page 3-11.

CARES Low-Income Weatherization Program

Program Description

EKPC's Community Assistance Resources for Energy Savings (CARES) Low Income Program provides an incentive to enhance the weatherization and energy efficiency services provided to its residential retail members by the Kentucky Community Action Agency's (CAA) network of not for profit community action agencies.

EKPC and its owner-members provide an incentive to the CAA implementing the project on behalf of the retail member.

EKPC's program has two primary objectives. First, EKPC's incentive will enable the CAA to install more measures in each home. Second, the additional incentive from EKPC will assist CAA in weatherizing more homes.

Two types of homes are eligible for incentives:

Heat Pump Eligible Homes are single family or multi-family residential dwellings that use electricity for their primary source of heat. The EKPC incentive can be used to upgrade the home to an air source heat pump as well as to install weatherization improvements including insulation, air sealing, duct sealing, and a water heater blanket.

Heat Pump ineligible homes are single family or multi-family residential dwellings that do not use electricity for their primary source of heat, but do cool their home with central or window unit air conditioners. The EKPC incentive can be used to install weatherization improvements.

The maximum incentive per household is \$2,000.

Target Market

The homeowner must be a residential retail member of one of EKPC's 16 owner-members.

The household must qualify for weatherization and energy efficiency services according to the guidelines of the Weatherization Assistance Program administered by the local CAA. Household income cannot exceed the designated poverty guidelines established by the CAA.