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APR 11 2019

PUBLIC SERVICE
COMMISSION

April 9, 2019

MS GWEN R PINSON
EXECUTIVE DIRECTOR
PUBLIC SERVICE COMMISSION
PO BOX 615
FRANKFORT KY 40602

RE: Case No. 2019-00060

Dear Ms. Pinson,

Pursuant to the Commission Staff's Initial Request for Information to 15 of East Kentucky Power Cooperative, Inc.'s Cooperatives in Case No. 2019-00060, dated March 28, 2019, please find enclosed for filing with the Commission, Nolin Rural Electric Cooperative Corporation's response as requested.

If any additional information is desired, please advise.

Sincerely,

A handwritten signature in black ink that reads "Richard A. Ryan".

Richard A. Ryan
Vice President
Marketing & Member Services

/ccf

Enclosure

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APR 11 2019

PUBLIC SERVICE
COMMISSION

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 HARDIN)

Richard A. Ryan, being duly sworn, states that he has supervised the preparation of the response of Nolin Rural Electric Cooperative Corporation to the Public Service Commission Staff's Initial Request for Information in the Appendix dated March 28, 2019, in the above-referenced case, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

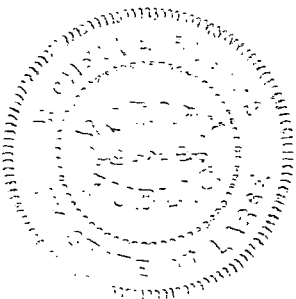
Witness my hand this 9th day of April, 2019

Richard A. Ryan
Richard A. Ryan

Subscribed and sworn before me this 9th day of April, 2019

Michelle Rogers #587327
Notary Public

My Commission expires 10-1-2021



NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION

PSC CASE NO. 2019-00060

DEMAND-SIDE MANAGEMENT

RESPONSE TO INFORMATION REQUEST

**COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION TO 15 OF EAST
KENTUCKY POWER COOPERATIVE, INC.'S COOPERATIVES
DATED MARCH 28, 2019**

REQUEST 1

RESPONSIBLE PARTY: Richard A. Ryan

Request 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 1: The number of participants for the years 2014, 2015, 2016, 2017, and 2018 are shown in the following table.

Kentucky's Touchstone Energy Cooperatives 

Nolin RECC January 01, 2014 to December 31, 2018

Measure	# Customers	# Customers	# Customers	# Customers	# Customers
	2014	2015	2016	2017	2018
Commercial	2	3	21	7	18
C&I Lighting Upgrade	2	3	21	7	18
Residential	4,903	7,083	5,341	8,252	6,066
Appliance Recycling Freezer	0	61	56	41	26
Appliance Recycling Refrigerator	0	128	141	128	92
Button Up - Level I	76	92	72	54	39
Button Up - Level III	0	1	0	1	0
CARES HEAT PUMP ELIGIBLE	0	0	0	0	2
CFL	3,700	4,000	3,500	3,500	0
Energy Audit - Audit Estimator		8			
Energy Audit - Billing Insights Online Audit		107	142	34	32
Energy Audit - Energy Insights Audit			4	0	0
ENERGY STAR Air Source Heat Pump	1	135	175	299	213
ENERGY STAR Central Air Conditioner	0	14	11	16	18
ENERGY STAR Clothes Washer	1	186	230	242	223
ENERGY STAR Dishwasher	1	173	212	395	217
ENERGY STAR Freezer	0	20	40	44	30
ENERGY STAR Heat Pump Water Heater	0	9	20	16	11
ENERGY STAR MANUFACTURED HOME	0	1	0	0	1
ENERGY STAR Refrigerator	0	206	274	387	257
Heat Pump Retrofit	28	42	51	38	33
LED	1	1,300	0	2,706	4,500
LED-Promotional	0	134	77	21	14
TSE Home (Performance)	0	1	0	0	1
TSE Home (Prescriptive)	28	30	38	107	40
Direct Load Control	649	117	54		
Energy Audits	418	318	244	223	317
Total	4,905	7,086	5,362	8,259	6,084

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

Free Energy Audits performed during the year for residential and small commercial members are at the request of the member.

NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION**PSC CASE NO. 2019-00060****DEMAND-SIDE MANAGEMENT****RESPONSE TO INFORMATION REQUEST****COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION TO 15 OF EAST
KENTUCKY POWER COOPERATIVE, INC.'S COOPERATIVES
DATED MARCH 28, 2019****REQUEST 2****RESPONSIBLE PARTY: Richard A. Ryan**

Request 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 2: The amounts labeled "Reimbursed Total Cost" represent all DSM costs reimbursed to Nolin RECC by EKPC. Unreimbursed cost include Nolin RECC's share of advertising costs¹, administrative costs², low energy light bulbs³, and labor costs for DSM programs and free energy audits. The calculation of Nolin RECC's total cost of providing each DSM program for the years 2014, 2015, 2016, 2017, and 2018 are shown in the tables that follow.

¹ EKPC reimbursed Nolin RECC 75 percent of DSM advertising costs capped at a fixed limit based on the number of meters serviced by Nolin RECC. 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 Nolin RECC for television, radio, newspaper, and other advertisements specific to DSM programs. Advertising costs do not include an allocation of the cost of Nolin RECC's Kentucky Living magazine and other communication outlets where DSM programs are continuously promoted.

² EKPC reimbursed Nolin RECC a fixed amount for each DSM program administered. For example, during 2018 EKPC reimbursed Nolin RECC \$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 Nolin RECC with paying a portion of the cost incurred to administer the programs. Administrative costs include employee wages, benefits, transportation, and communication expenses attributed to the DSM programs.

³ EKPC reimbursed Nolin RECC \$.90 cents per bulb since 2014. Nolin RECC paid the cost that exceeded reimbursement.

Kentucky's Touchstone Energy Cooperatives 

Nolin RECC

January 01, 2014 to December 31, 2014

Measure	# Customers	Rebate + Co-op Admin	Lost Revenue Amount	Reimbursed "Total Cost"	Unreimbursed Costs	Total Cost
Commercial	2	\$4,205	\$6,317	\$10,521		\$10,521
C&I Lighting Upgrade	2	\$4,205	\$6,317	\$10,521		\$10,521
Residential	4,903	\$78,874	\$40,116	\$118,990	\$795	\$119,785
Button Up - Level I	76	\$27,999	\$5,644	\$33,643		\$33,643
CFL	3,700	\$3,330	\$0	\$3,330	\$795	\$4,125
ENERGY STAR Air Source Heat Pump	1	\$300	\$375	\$675		\$675
ENERGY STAR Clothes Washer	1	\$75	\$55	\$130		\$130
ENERGY STAR Dishwasher	1	\$50	\$10	\$60		\$60
Heat Pump Retrofit	28	\$24,270	\$22,272	\$46,542		\$46,542
LED	1	\$0	\$0	\$0	\$0	\$0
TSE Home (Prescriptive)	28	\$22,850	\$11,760	\$34,610		\$34,610
Direct Load Control	649					
Energy Audits	418					
Total	4,905	\$83,079	\$46,433	\$129,512	\$795	\$130,307
Advertising				\$15,759	\$5,253	\$21,011
DSM - multiple programs				\$15,759	\$5,253	\$21,011
Labor				\$0	\$67,053	\$67,053
DSM - multiple programs				\$0	\$23,192	\$23,192
Energy Audits				\$0	\$43,861	\$43,861
Total	\$4,905	\$83,079	\$46,433	\$145,270	\$73,101	\$218,371

Kentucky's Touchstone Energy Cooperatives 

Nolin RECC

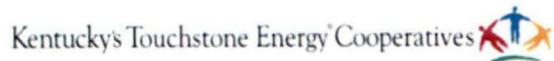
January 01, 2015 to December 31, 2015

Measure	# Customers	Rebate + Co-op Admin	Lost Revenue Amount	Reimbursed "Total Cost"	Unreimbursed Costs	Total Cost
Commercial	3	\$19,979	\$30,016	\$49,995		\$49,995
C&I Lighting Upgrade	3	\$19,979	\$30,016	\$49,995		\$49,995
Residential	7,083	\$241,515	\$174,309	\$415,824	\$10,559	\$426,383
Appliance Recycling Freezer	61	\$7,627	\$5,130	\$12,757		\$12,757
Appliance Recycling Refrigerator	128	\$16,871	\$11,880	\$28,751		\$28,751
Button Up - Level I	92	\$33,727	\$16,108	\$49,836		\$49,836
Button Up - Level III	1	\$1,600	\$1,025	\$2,625		\$2,625
CFL	4,000	\$3,600	\$0	\$3,600	\$3,000	\$6,600
Energy Audit - Audit Estimator	8	\$0	\$0	\$0		\$0
Energy Audit - Billing Insights Audit	107	\$0	\$0	\$0		\$0
ENERGY STAR Air Source Heat Pump	135	\$42,900	\$54,660	\$97,560		\$97,560
ENERGY STAR Central Air Conditioner	14	\$4,500	\$1,760	\$6,260		\$6,260
ENERGY STAR Clothes Washer	186	\$13,950	\$10,680	\$24,630		\$24,630
ENERGY STAR Dishwasher	173	\$8,650	\$1,415	\$10,065		\$10,065
ENERGY STAR Freezer	20	\$1,000	\$140	\$1,140		\$1,140
ENERGY STAR Heat Pump Water Heater	9	\$2,700	\$1,540	\$4,240		\$4,240
ENERGY STAR MANUFACTURED HOME	1	\$1,900	\$2,400	\$4,300		\$4,300
ENERGY STAR Refrigerator	206	\$33,500	\$5,580	\$39,080		\$39,080
Heat Pump Retrofit	42	\$38,370	\$48,041	\$86,411		\$86,411
LED	1,300	\$1,170	\$0	\$1,170	\$7,559	\$8,729
LED-Promotional	134	\$0	\$0	\$0		\$0
TSE Home (Performance)	1	\$950	\$450	\$1,400		\$1,400
TSE Home (Prescriptive)	30	\$28,500	\$13,500	\$42,000		\$42,000
Direct Load Control	117					
Energy Audits	318					
Total	7,086	\$261,494	\$204,325	\$465,819	\$10,559	\$476,378
Advertising				\$13,796	\$4,599	\$18,394
Appliance Recycling				\$6,572	\$2,191	\$8,763
Button-Up				\$4,078	\$1,359	\$5,437
Energy Star Appliances				\$3,146	\$1,049	\$4,194
Labor				\$0	\$62,137	\$62,137
DSM - multiple programs				\$0	\$27,815	\$27,815
Energy Audits				\$0	\$34,322	\$34,322
Total				\$479,614	\$77,294	\$556,908

Notes:

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




Nolin RECC
January 01, 2016 to
December 31, 2016

Measure	# Customers	Rebate + Co-op Admin	Lost Revenue Amount	Reimbursed "Total Cost"	Unreimbursed Costs	Total Cost
Commercial	21	\$46,345	\$69,598	\$115,944		\$115,944
C&I Lighting Upgrade	21	\$46,345	\$69,598	\$115,944		\$115,944
Residential	5,341	\$262,721	\$204,387	\$467,352	\$2,450	\$469,558
Appliance Recycling Freezer	56	\$6,769	\$4,410	\$11,179		\$11,179
Appliance Recycling Refrigerator	141	\$19,651	\$14,040	\$33,691		\$33,691
Button Up - Level I	72	\$25,581	\$12,091	\$37,671		\$37,671
CFL	3,500	\$3,150	\$0	\$3,150	\$2,450	\$5,600
Energy Audit - Billing Insights Audit	142	\$0	\$0	\$0		\$0
Energy Audit - Energy Insights Audit	4	\$0	\$0	\$0		\$0
ENERGY STAR Air Source Heat Pump	175	\$55,800	\$70,015	\$125,815		\$125,815
ENERGY STAR Central Air Conditioner	11	\$3,000	\$1,000	\$4,000		\$4,000
ENERGY STAR Clothes Washer	230	\$16,950	\$11,680	\$28,630		\$28,630
ENERGY STAR Dishwasher	212	\$10,550	\$3,405	\$13,955		\$13,955
ENERGY STAR Freezer	40	\$1,950	\$355	\$2,305		\$2,305
ENERGY STAR Heat Pump Water Heater	20	\$5,700	\$4,225	\$9,925		\$9,925
ENERGY STAR Refrigerator	274	\$27,000	\$6,365	\$33,365		\$33,365
Heat Pump Retrofit	51	\$50,520	\$59,701	\$110,221		\$110,221
LED-Promotional	77	\$0	\$0	\$0		\$0
TSE Home (Prescriptive)	38	\$36,100	\$17,100	\$53,200		\$53,200
Direct Load Control	54					
Energy Audits	244			244		
Total	5,362	\$309,066	\$273,985	\$583,295	\$2,450	\$585,501
Advertising				\$23,957	\$7,986	\$31,942
Button-Up				\$10,072	\$3,357	\$13,429
Energy Star Appliance				\$375	\$125	\$500
Heat Pump Retrofit				\$4,435	\$1,478	\$5,913
DSM - multiple programs				\$6,980	\$2,327	\$9,307
Touchstone Energy Home				\$2,095	\$698	\$2,793
Labor				\$0	\$62,251	\$62,251
DSM - multiple programs				\$0	\$32,138	\$32,138
Energy Audits				\$0	\$30,113	\$30,113
Total				\$607,252	\$72,686	\$679,694

Notes:

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 

Nolin RECC


January 01, 2017 to December 31, 2017

Measure	# Customers	Rebate + op Admin	Co- Lost Revenue Amount	Reimbursed "Total Cost"	Unreimbursed Costs	Totral Cost
Commercial	7	\$22,689	\$34,058	\$56,747		\$56,747
C&I Lighting Upgrade	7	\$22,689	\$34,058	\$56,747		\$56,747
Residential	8,252	\$364,632	\$261,955	\$626,588	\$4,937	\$631,525
Appliance Recycling Freezer	41	\$5,479	\$3,690	\$9,169		\$9,169
Appliance Recycling Refrigerator	128	\$17,958	\$12,330	\$30,288		\$30,288
Button Up - Level I	54	\$18,795	\$8,681	\$27,477		\$27,477
Button Up - Level III	1	\$1,600	\$1,025	\$2,625		\$2,625
CFL	3,500	\$3,150	\$0	\$3,150	\$170	\$3,320
Energy Audit - Billing Insights Audit	34	\$0	\$0	\$0		\$0
ENERGY STAR Air Source Heat Pump	299	\$90,900	\$67,150	\$158,050		\$158,050
ENERGY STAR Central Air Conditioner	16	\$3,900	\$1,200	\$5,100		\$5,100
ENERGY STAR Clothes Washer	242	\$16,875	\$10,605	\$27,480		\$27,480
ENERGY STAR Dishwasher	395	\$19,600	\$2,630	\$22,230		\$22,230
ENERGY STAR Freezer	44	\$1,850	\$830	\$2,680		\$2,680
ENERGY STAR Heat Pump Water Heater	16	\$3,600	\$3,060	\$6,660		\$6,660
ENERGY STAR Refrigerator	387	\$36,400	\$56,195	\$92,595		\$92,595
Heat Pump Retrofit	38	\$40,440	\$46,409	\$86,849		\$86,849
LED	2,706	\$2,435	\$0	\$2,435	\$4,767	\$7,203
LED-Promotional	21	\$0	\$0	\$0		\$0
TSE Home (Prescriptive)	107	\$101,650	\$48,150	\$149,800		\$149,800
Energy Audits	223					
Total	8,259	\$387,321	\$296,014	\$683,335	\$4,937	\$688,272
Advertising				\$24,551	\$8,184	\$32,734
Button-Up				\$7,540	\$2,513	\$10,053
Energy Star Appliance				\$572	\$191	\$763
Heat Pump Retrofit				\$3,199	\$1,066	\$4,265
DSM - multiple programs				\$13,240	\$4,413	\$17,653
Labor				\$0	\$119,513	\$119,513
DSM - multiple programs				\$0	\$89,572	\$89,572
Energy Audits				\$0	\$29,941	\$29,941
Total				\$707,885	\$132,633	\$840,518

Notes:

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 

Nolin RECC

January 01, 2018 to December 31, 2018

Measure	# Customers	Rebate + Co-op Admin	Lost Revenue Amount	Reimbursed "Total Cost"	Unreimbursed Costs	Total Cost
Commercial	18	\$43,273	\$64,983	\$108,256		\$108,256
C&I Lighting Upgrade	18	\$43,273	\$64,983	\$108,256		\$108,256
Residential	6,066	\$244,185	\$190,708	\$434,893	\$2,430	\$437,323
Appliance Recycling Freezer	26	\$3,440	\$2,070	\$5,510		\$5,510
Appliance Recycling Refrigerator	92	\$14,115	\$9,180	\$23,295		\$23,295
Button Up - Level I	39	\$14,316	\$6,859	\$21,175		\$21,175
CARES HEAT PUMP ELIGIBLE	2	\$4,119	\$1,200	\$5,319		\$5,319
Energy Audit - Billing Insights Audit	32	\$0	\$0	\$0		\$0
ENERGY STAR Air Source Heat Pump	213	\$73,800	\$70,205	\$144,005		\$144,005
ENERGY STAR Central Air Conditioner	18	\$4,200	\$1,300	\$5,500		\$5,500
ENERGY STAR Clothes Washer	223	\$13,725	\$8,415	\$22,140		\$22,140
ENERGY STAR Dishwasher	217	\$11,700	\$2,450	\$14,150		\$14,150
ENERGY STAR Freezer	30	\$1,050	\$330	\$1,380		\$1,380
ENERGY STAR Heat Pump Water Heater	11	\$2,700	\$2,695	\$5,395		\$5,395
ENERGY STAR MANUFACTURED HOME	1	\$1,900	\$2,400	\$4,300		\$4,300
ENERGY STAR Refrigerator	257	\$24,900	\$28,045	\$52,945		\$52,945
Heat Pump Retrofit	33	\$31,220	\$37,109	\$68,329		\$68,329
LED	4,500	\$4,050	\$0	\$4,050	\$2,430	\$6,480
LED-Promotional	14	\$0	\$0	\$0		\$0
TSE Home (Performance)	1	\$950	\$450	\$1,400		\$1,400
TSE Home (Prescriptive)	40	\$38,000	\$18,000	\$56,000		\$56,000
Energy Audits	317					
Total	6,084	\$287,458	\$255,691	\$543,149	\$2,430	\$545,579
Advertising				\$0	\$0	\$0
Labor				\$0	\$115,237	\$115,237
DSM - multiple programs				\$0	\$69,999	\$69,999
Energy Audits				\$0	\$45,237	\$45,237
Total				\$543,149	\$117,667	\$660,816

Notes:

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

NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION

PSC CASE NO. 2019-00060

DEMAND-SIDE MANAGEMENT

RESPONSE TO INFORMATION REQUEST

**COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION TO 15 OF EAST
KENTUCKY POWER COOPERATIVE, INC.'S COOPERATIVES
DATED MARCH 28, 2019**

REQUEST 3

RESPONSIBLE PARTY: Richard A. Ryan

Request 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 3: 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 reviews 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 provides 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 a 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 desired to continue cost-effective residential programs that assist their members having high bills due to energy-inefficient housing.

NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION

PSC CASE NO. 2019-00060

DEMAND-SIDE MANAGEMENT

RESPONSE TO INFORMATION REQUEST

**COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION TO 15 OF EAST
KENTUCKY POWER COOPERATIVE, INC.'S COOPERATIVES
DATED MARCH 28, 2019**


REQUEST 4

RESPONSIBLE PARTY: Richard A. Ryan

Request 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 4: Since the Commission's order in case 2019-00060, dated February 27, 2019, Nolin RECC has updated its website to reflect revised DSM programs (see pages 2 thru 4 of this response). Nolin RECC will resume promotion of the revised DSM programs through monthly Member newsletters within *Kentucky Living* magazine; bill inserts; its website; and social media outlets, including Facebook and Instagram, once a final ruling has been received from the Commission.

com/content/touchstone-energy-rebate-programs



NOIIN
NORTH OREGON INDEPENDENT INDIAN
A Touchstone Energy Cooperative

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Nolin RECC Ends ENERGY STAR Appliance and Appliance Recycling


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The Touchstone Energy Rebate Programs

Shaving your heating and cooling costs in your new home requires planning from the ground up. The Touchstone Energy Home takes advantage of quality insulation materials, sound construction techniques, and a geothermal heating/air conditioning system or high-efficiency heat pump to make sure your home is energy efficient. The home must meet certain insulation and energy efficiency standards to qualify as a Touchstone Energy Home. Please contact the Member Services department if you would like more details on the Touchstone Energy Home program. A Nolin representative will inspect and verify all requirements before being certified as a Touchstone Energy Home.



Touchstone Energy New Home Program

When a Heat Pump is installed in a new Touchstone Energy Home the member (homeowner) may receive a rebate as long as the following requirements are met.

\$750 Rebate Requirements for New Home:

- Must be built to Touchstone Energy Home specifications
- Pre-Drywall inspection required
- Minimum ENERGY STAR rated Heat Pump (Currently 15 SEER 8.5 HSPF)
- Electric tank water heater required (Tankless or instantaneous water heaters are prohibited)

A Nolin representative must inspect the home before a rebate is paid. Please call Todd Drake at (270) 765-6153 for more information.

* Rebate does not include manufactured homes, modular homes, or mobile homes. For these types of homes please see our ENERGY STAR Manufactured Home Program.

Heat Pump Retro-fit Program

When a high efficiency heat pump is installed in an existing home, meeting the requirements below, the member (homeowner) may be eligible to receive a rebate. Again, the installation will need to be verified by a Nolin representative before the rebate is paid.

Heat Pump Rebate Requirements:

- A FREE home Energy Audit must be done before work is started and after work is completed
- Must convert from Electric Furnace, Ceiling Cable Heat, or Baseboard Heat to a Heat Pump
- Must be an all-electric home before rebate is paid

14 SEER / 8.2 HSPF \$500
15 SEER / 8.5 HSPF or greater \$750

Residential Energy Audit Program

Nolin RECC offers Low Cost/No Cost residential audits for members. The Cooperative provides a free inspection of the premises and makes recommendations to the homeowner on what areas need to be addressed in order to make their home more energy efficient. Members may also receive caulking from Nolin RECC to help seal their air leaks. If the home qualifies, a rebate up to \$750 may be paid after adding insulation to the attic and air sealing the home through the **Button-Up program**.

Button-Up Program

After having a free blower door test performed by Nolin RECC, members may receive up to \$750 rebate after installing and weatherizing their home according to our recommendations. Nolin will pay the member based on the calculated BTUs of heat loss reduced from the previous inspection performed by the Cooperative. The rebate will be paid according to the following requirements.

Button-up Rebate Requirements:

- A FREE home Energy Audit including blower door test must be done before work is started and after work is completed.
- Air sealing your home and adding insulation to your attic on all electric home at least two years old.
- A Nolin RECC representative will calculate BTUs saved after completion of the final blower door test.

Rebate to be paid as follows:


The Button Up Incentive will pay a total payment of \$40 per thousand BTUs reduced to the member up to the maximum rebate incentive of \$750.


Find out more information on our [Button-Up Program](#)

Please call Todd Drake at (270) 765-6153 or email Todd at TDrake@nolinrecc.com for more information on any of these programs.

ENERGY STAR Manufactured Home

As a member of Nolin RECC, when you purchase a new manufactured home for installation in our service area, you may be eligible for a \$1,150 rebate for upgrading to an ENERGY STAR rated home. Visit our [ENERGY STAR Manufactured Home](#) page for more information.





Main Office
270-765-6153
1-800-637-4247
Pay By Phone
1-855-358-6359

Elizabethtown (Map)
411 Ring Road
Elizabethtown, KY 42701

Radcliff (Map)
101 West Lincoln Trail
Radcliff, KY 40160

Hours
Monday - Friday
8 am - 5 pm

Radcliff Hours
Monday - Friday
8 am - 12:30 pm
1:30 pm - 5 pm

com/content/button-program

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Button-Up Program

What is Button Up?

The long answer is that Button-Up Program offers an incentive for increasing your home's efficiency and your comfort through simple upgrades like air sealing or adding insulation to your ceiling.

The short answer is that it's an weatherization program that saves you money!

Here's how it works. If your home is served by Nolin RECC, is at least two years old and uses electricity as the primary source of heat, you're a candidate.

Simply call Nolin and tell them you want to BUTTON UP. We will then make arrangements for trained personnel to conduct blower door tests of your home before and after the improvements are made. These tests determine how much heat is lost from your home through floors, walls, ceilings, doors, windows and other areas that allow heat to escape. This heat loss is measured in British thermal units, or BTUs.

The audit also points the way to options that can help reduce some of that heat loss through air sealing and insulation. Typical air sealing could include caulking, improved weather stripping, sealing attic accesses and other weatherization techniques.

Now, here's where the fun begins -- that part about saving money. For every 1,000 BTUs of heat loss reduced, Nolin will pay you a rebate of \$40, up to a total of \$750. The total amount you receive will depend on how successful you are in reducing heat loss.

As an example, insulation and caulking added to a fast home in Central Kentucky cost \$1,187 (including installation). The added insulation reduced heat loss by 13,000 BTUs. The cooperative incentive was \$520, or \$40 for each 1,000 BTUs reduced. So the consumer's total expense to upgrade the insulation was only \$667. But the savings don't stop there.

Remember, now you will save money on your electric bill because your home is more energy-efficient. In the test home, which had an electric furnace, energy savings figured out to be more than \$285 per year. In about two-and-a-half years, the entire cost of the insulation upgrade will be offset through energy savings. (Actual savings depend on total heat loss of the home and the heating system used.)

When you factor in the added comfort the insulation brings to you and your family, BUTTON UP is even more attractive.

D.K. Now the big question we know you're dying to ask. **Why would an electric utility offer an incentive for someone to use less of its product?**

It has to do with being better stewards of the energy produced today. Heat that escapes as a result of poor insulation is simply a waste of today's precious resources. By making your home more energy-efficient, the entire utility becomes more efficient.

Also, reducing current energy requirements curtails the need for future generating capacity. It's less expensive for everyone -- including you, the consumer -- to pay an incentive today that reduces demand, than it will be to build an expensive power plant in the years to come.

What do you do next? Call your Nolin for an energy audit. After the audit is completed, the energy advisor will work with you to design specific steps you can take to BUTTON UP!



com/content/energy-star-manufactured-home

OUTAGE REPORTING: 270-765-6153

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ENERGY STAR Manufactured Home



The Nolin RECC ENERGY STAR[®] Manufactured Home Program (ESMH) is designed to ensure that members of Nolin RECC purchase an energy efficient manufactured home. Nolin RECC will accomplish this by providing the purchaser of a manufactured home with an incentive to purchase and install a new ENERGY STAR[®] certified manufactured home.

If you're thinking of purchasing a new manufactured home, make sure it is an ENERGY STAR rated manufactured home. After new home installation and after receiving certification as an ENERGY STAR[®] Manufactured Home, Nolin RECC will tender a \$1,150 incentive payment to the member. The incentive is intended to help offset the cost of upgrading the home from the standard United States Department of Housing and Urban Development (HUD) construction requirements to the SBRA and EPA ENERGY STAR[®] Manufactured Home construction requirements.

Since the ENERGY STAR certified home uses substantially less energy for heating, cooling and water heating than a standard manufactured home, it's less expensive to run. You may save an average of more than 11,000 kWh per year when compared to the standard manufactured home. Right now, that's an average savings of about \$1,200 each year or about \$90 a month.

To be eligible for this incentive, new manufactured homes must meet the following criteria:

- United States Environmental Protection Agency (EPA) and Systems Building Research Alliance (SBRA) guidelines as an ENERGY STAR Manufactured Home.
- Primary source of heat must be a heat pump 14 SEER & 8.2 HSPF or higher as required by SBRA.
- Home must be all electric.
- Home must be installed by the manufacturer on lines served by Nolin.
- Participants in the ENERGY STAR Manufactured Home Program are not eligible for participation in the Heat Pump Retrofit Program.

ccom/content/tariffs

NOLIN
RURAL ELECTRIC COOPERATIVE CORPORATION
A Touchstone Energy Cooperative

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Tariffs

NOLIN RECC Tariff
Nolin RECC Tariff Info

NET METERING Tariff
Net Metering Tariff Info

CARES Tariff
CARES Tariff Info

	Main Office 270-765-6153 1-888-637-4247 Pay By Phone 1-855-356-6358	Elizabethtown (Map -) 411 Ring Road Elizabethtown, KY 42701 Radcliff (Map -) 101 West Lincoln Trail Radcliff, KY 40160	Hours Monday - Friday 8 am - 5 pm Radcliff Hours Monday - Friday 8 am - 12:30 pm 1:30 pm - 5 pm
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POWERED BY Touchstone Energy Cooperatives

Group Connection Card **NOLIN** Kid's Korner **COOPERATIVE ACTION NETWORK**

NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION

PSC CASE NO. 2019-00060

DEMAND-SIDE MANAGEMENT

RESPONSE TO INFORMATION REQUEST

**COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION TO 15 OF EAST
KENTUCKY POWER COOPERATIVE, INC.'S COOPERATIVES
DATED MARCH 28, 2019**

REQUEST 5

RESPONSIBLE PARTY: Richard A. Ryan

Request 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 5: Nolin RECC offers no traditional DSM programs, which provide rebates or incentives to participants, other than the programs listed and discussed in Nolin RECC's Response to Commission Staff's Initial Request for Information, Items 1 and 2.

NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION

PSC CASE NO. 2019-00060

DEMAND-SIDE MANAGEMENT

RESPONSE TO INFORMATION REQUEST

**COMMISSION STAFF'S INITIAL REQUEST FOR INFORMATION TO 15 OF EAST
KENTUCKY POWER COOPERATIVE, INC.'S COOPERATIVES
DATED MARCH 28, 2019**

REQUEST 6

RESPONSIBLE PARTY: Richard A. Ryan

Request 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 6: Nolin RECC offers the Community Assistance Resources for Energy Savings (“CARES”) low-income program. The CARES tariff is located on Sheet No. page 107-109 of Nolin RECC’s tariffs approved by the PSC on October 3, 2015. Below is the program description provided by EKPC as listed in the EKPC 2019 IRP – Exhibit DSM-5, Page 3 of 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.