

# 2019 Youth Tour Quiz

## Heartland Power Cooperative

Complete and return your student information sheet, youth tour open book quiz, and completed essay questions by March 15, 2019. Materials can be submitted to PO Box 65, Thompson, IA 50478 or emailed to [bschwartz@heartlandpower.com](mailto:bschwartz@heartlandpower.com).

### Section 1: What is Youth Tour?

Who are electric cooperatives owned by? \_\_\_\_\_

Electric cooperatives are established to provide \_\_\_\_\_ electric service and are governed by a \_\_\_\_\_ elected from the membership.

Who inspired the Youth Tour program when he addressed the NRECA Annual Meeting in Chicago in 1957? \_\_\_\_\_

What is one goal of Youth Tour? \_\_\_\_\_

### Section 2: Cooperatives & Your Community

Name three well known cooperatives.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

More than \_\_\_\_\_ cooperatives operate in every sector of the U.S. economy and in every congressional district.

The majority of our country's 2 million farmers are members of the nearly \_\_\_\_\_ farmer-owned cooperatives. They provide more than 250,000 jobs and wages of over \$8 billion.

Food cooperatives, electric cooperatives, and telephone cooperatives are common in our area. Name another industry that commonly uses the cooperative business model. \_\_\_\_\_

What is the only a reason why a not-for profit member-owned cooperative exists? \_\_\_\_\_

Electric cooperatives span \_\_\_\_\_ percent of the nation's landmass and serve \_\_\_\_\_ million people in 47 states.

### Section 3: The History of Rural Electrification

Name one political figure who played a significant role in rural electrification. \_\_\_\_\_  
\_\_\_\_\_

By 1939, the average cost to build a mile of rural line totaled only \$\_\_\_\_\_, compared to power company prices running from \$1,800 to \$\_\_\_\_\_ per mile.

Despite assaults and opposition from IOUs, during 1949 alone, 184,000 miles of co-op electric lines – enough to circle the globe more than \_\_\_\_\_ times – were energized.

What was “the new hired hand”? \_\_\_\_\_

The war effort of WWII slowed the advance of rural electrification, and as late as 1947 there were still \_\_\_\_\_ million farm families without light and power.

\_\_\_\_\_ is sometimes called “the fifth fuel.”

### Section 4: International Community of Co-ops

More than \_\_\_\_\_ billion people across the world live without electricity.

NRECA International has developed and implemented rural electrification programs in more than \_\_\_\_\_ countries.

### Section 5: Energy and Electricity

While coal, natural gas, hydropower, and nuclear energy account for more than \_\_\_\_\_ percent of our nation’s power supply, increasing amounts of electricity are being generated by renewable energy resources.

Electricity made at a power plant moves through a system of bulk \_\_\_\_\_ lines that carry large amounts of electricity over long distances.

At the \_\_\_\_\_, transformers reduce the high voltage and send the electricity onto \_\_\_\_\_ lines that deliver power to consumers and businesses.

The total demand for electricity placed on a utility system \_\_\_\_\_ and \_\_\_\_\_ during the day and different seasons of the year.

Over the decades, co-ops have invested millions of dollars in \_\_\_\_\_ equipment and improving \_\_\_\_\_ at their power plants.

## Section 6: The Power of Electric Co-op Advocacy

The success of the electric cooperatives can be traced to rural farmers, out of necessity, rising up to become \_\_\_\_\_.

The Legislative Branch is responsible for \_\_\_\_\_.

When a bill has been agreed to in identical form by both bodies, a copy of the bill is “enrolled” for presentation to \_\_\_\_\_.

## Section 7: Careers in Electric Cooperatives

America’s electric cooperatives employ approximately \_\_\_\_\_ people nationwide in a variety of professional, technical, and business positions.

Cooperatives don’t serve \_\_\_\_\_, they serve \_\_\_\_\_.

NRECA is a true \_\_\_\_\_ because it helps millions of people accomplish together what they might not be able to do alone.

**Heartland Power Cooperative: Visit [www.heartlandpower.com](http://www.heartlandpower.com), to answer the following questions:**

How many board members represent the cooperative membership? \_\_\_\_\_

Heartland Power has two offices, one in \_\_\_\_\_ and one in \_\_\_\_\_

Where is the Heartland Power Community Solar array located? \_\_\_\_\_

What is Operation Round-Up? \_\_\_\_\_

\_\_\_\_\_

Name one interesting thing you found or something you learned from the website. \_\_\_\_\_

\_\_\_\_\_

**Essay Questions:** Please thoroughly answer the following essay\* questions:

1. What makes cooperatives different from other electric utilities? What is/are the biggest challenge(s) facing electric cooperatives today and how can cooperatives effectively meet those challenges?
2. Imagine you've been elected President of the United States. What are three things you would like to accomplish in your term of office, and why?

\*Essays may be typed or responded to as a video. Thank you.

**Youth Tour Submission Note:**

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