

2020 Youth Tour Quiz

Heartland Power Cooperative

Complete and return your student information sheet, youth tour open book quiz, and completed essay questions by March 16, 2020. Materials can be submitted to PO Box 65, Thompson, IA 50478 or emailed to energy@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, 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?
3. What is an accomplishment you are very proud of? Why? (It doesn't have to be something you were recognized for.)

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

Youth Tour Submission Note:

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