

## NATURAL GAS IN THE MIX

NAME \_\_\_\_\_



Over the next 50 years, the global energy picture will change dramatically. A growing population, increased urbanization, and global economic progress will lead to an unprecedented demand for energy. At the same time, we need to safeguard the environment for future generations. This means finding ways to reduce CO2 and being smart about how we extract and use our energy resources.

**Part 1:** If you could select the balance of energy sources in which the United States invests over the next 50 years, would role would natural gas play in the mix? In the chart below, list the three criteria you selected as most important for evaluating future energy sources. Then conduct research to determine if and how natural gas meets each criterion.

| Energy Sources Criteria | How Natural Gas Relates to Criteria | Does/Does Not Meet Criteria |
|-------------------------|-------------------------------------|-----------------------------|
|                         |                                     |                             |
|                         |                                     |                             |
|                         |                                     |                             |

Based on your research, would you recommend that natural gas be a significant, moderate or minor part of the U.S. energy mix over the next 50 years? Why or why not? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(cont.)

**Part 2:** Now that you have determined the role of natural gas in the U.S. energy mix, your job is to educate Americans about why. In order to do this, you must create a project that explains the research behind your decisions about natural gas in the U.S. energy mix. Your project can be a blog, website, commercial, YouTube video, brochure, or other creative product. Your project must include:

- Background information about natural gas (what it is, how it is formed, how it is captured, and what percentage of the current U.S. energy mix comes from natural gas)
- Specific information about what role natural gas should play in the future U.S. energy mix based on the top three criteria you have selected. Include relevant facts and statistics.