

## EarthComm Earth's Natural Resources: Energy Resources and Your Community Activity 4

### This investigation will help you to:

- Coal Exploration and Mining
- Part C: Conserving Coal Resources, to complete the investigation, each student group will need:
- To learn more about electricity usage in other countries, visit the following web sites:

#### Coal Exploration and Mining

- "How Coal Is Produced" - Kentucky Educational Television and the American Coal Foundation  
Site reviews surface and underground mining methods used to remove coal from the ground. Also included in the site is information about the regulations governing coal mining and the people who mine coal.
- "Coal Resource Recoverability" - Rohrbacher, et al., U.S. Bureau of Mines Circular 9368  
Online circular reviews the factors associated with coal production, including mining, cleaning, recoveries, etc. Includes tables and figures to illustrate concepts and examples.
- "Coal Resource Classification System of the U.S. Geological Survey - Geophysical Logs as a Source of Coal Bed Data" - Wood et al., USGS Circular 891  
Excerpt from online circular explains how geophysical techniques can be used to identify coal beds and to quantify their resources. Includes examples and explanations of geophysical logs.
- "U.S. Coal Supply and Demand:2000 Review" - F. Freire - EIA - DOE

Back to Top

Part C: Conserving Coal Resources, to complete the investigation, each student group will need:

- **Calculator**
- **Internet access.** To learn about ways to conserve energy resources, visit the following web sites:
  - "Energy Savers - Tips on Saving Energy and Money at Home" - EREN - DOE
  - "50 Ways to Save Energy & Money" - Snohomish P.U.D.
  - "Learning About Saving Energy" - State of North Dakota

Back to Top

To learn more about electricity usage in other countries, visit the following web sites:

- "International Electricity Information" - EIA - DOE
- "International Energy Annual 2002" - EIA DOE

Back to Top

---