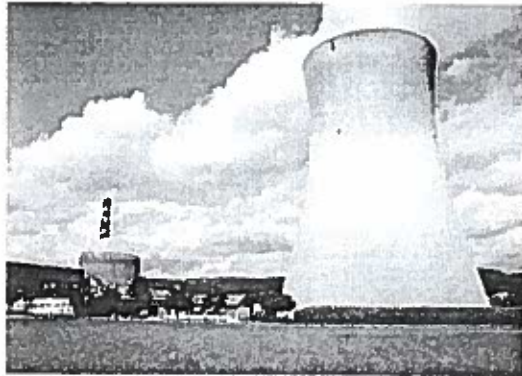


3.3 Energy Resources



Types of energy resources

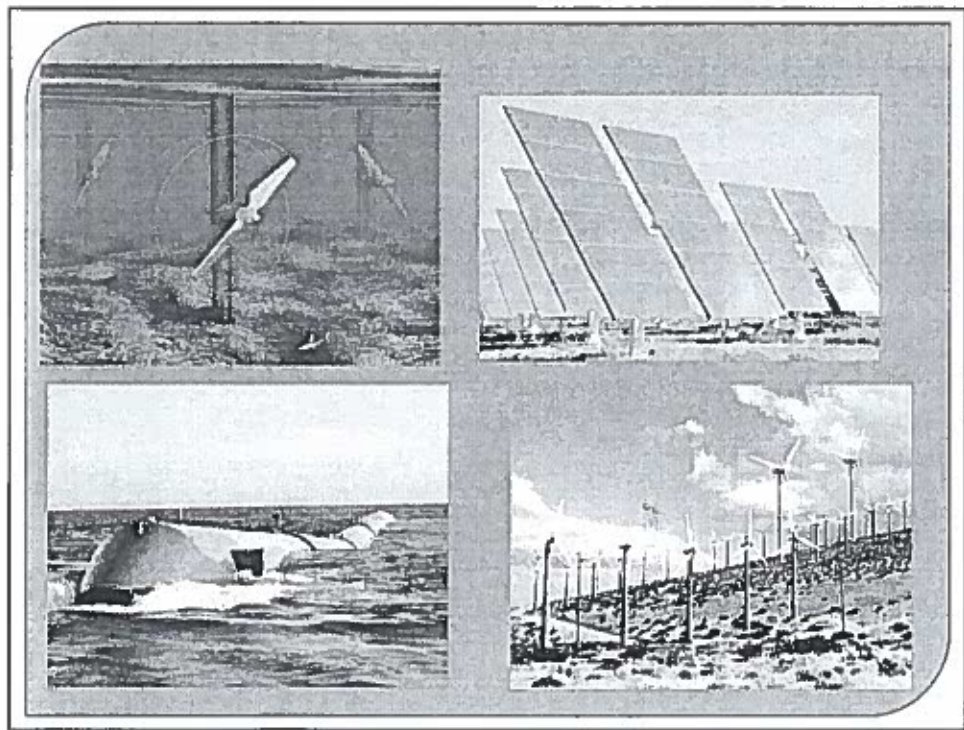
RENEWABLE

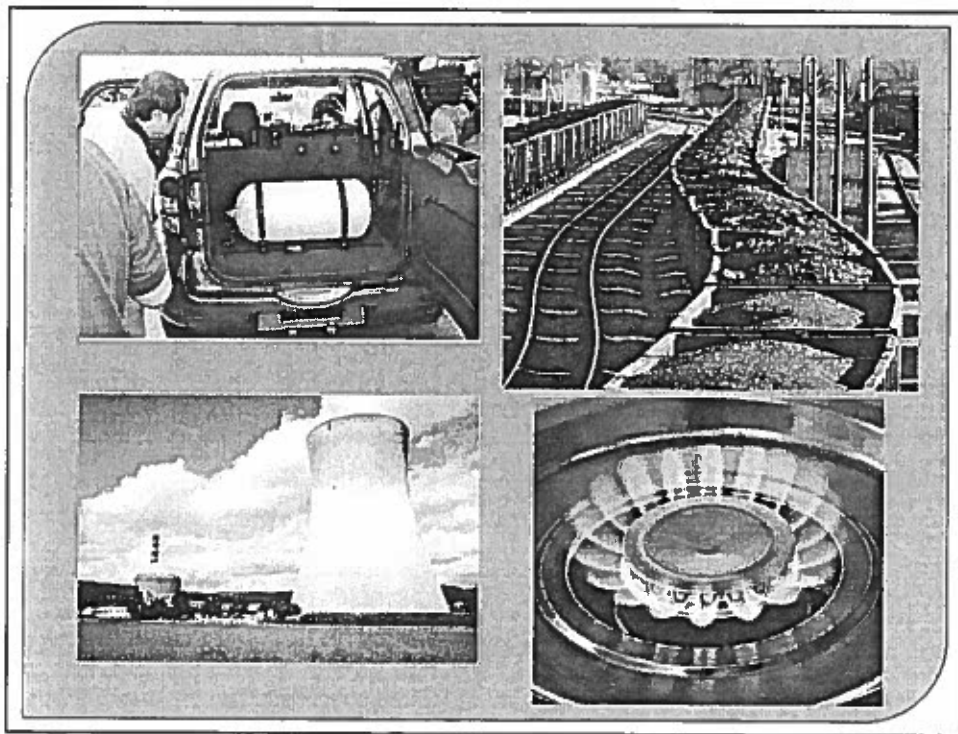
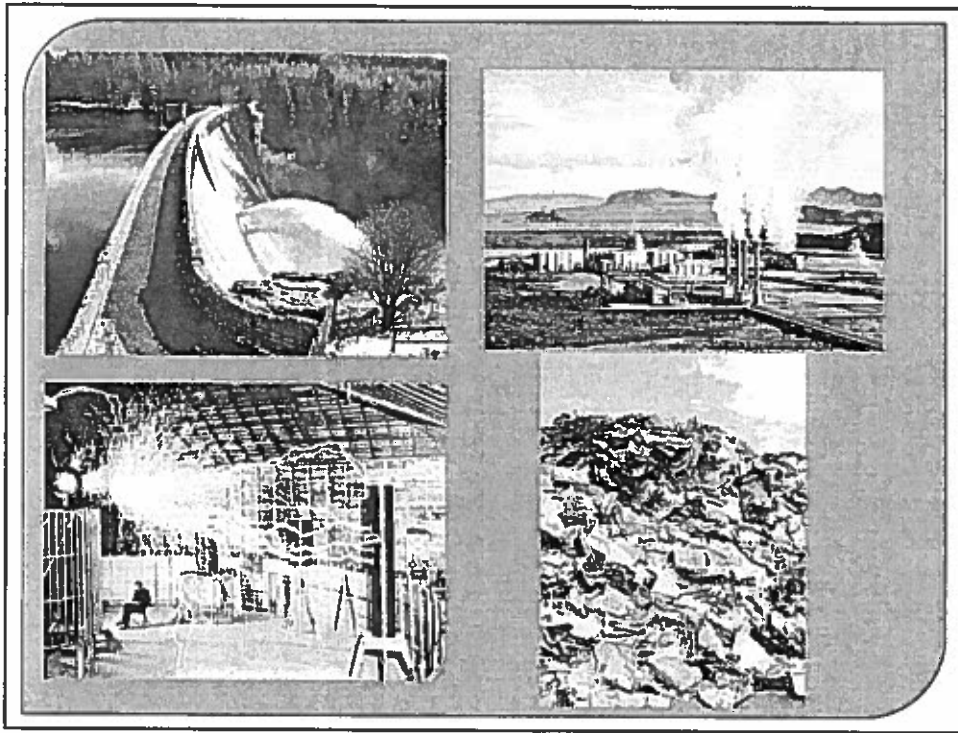
- Tidal
- Solar
- wave
- wind
- Geothermal
- Hydroelectric

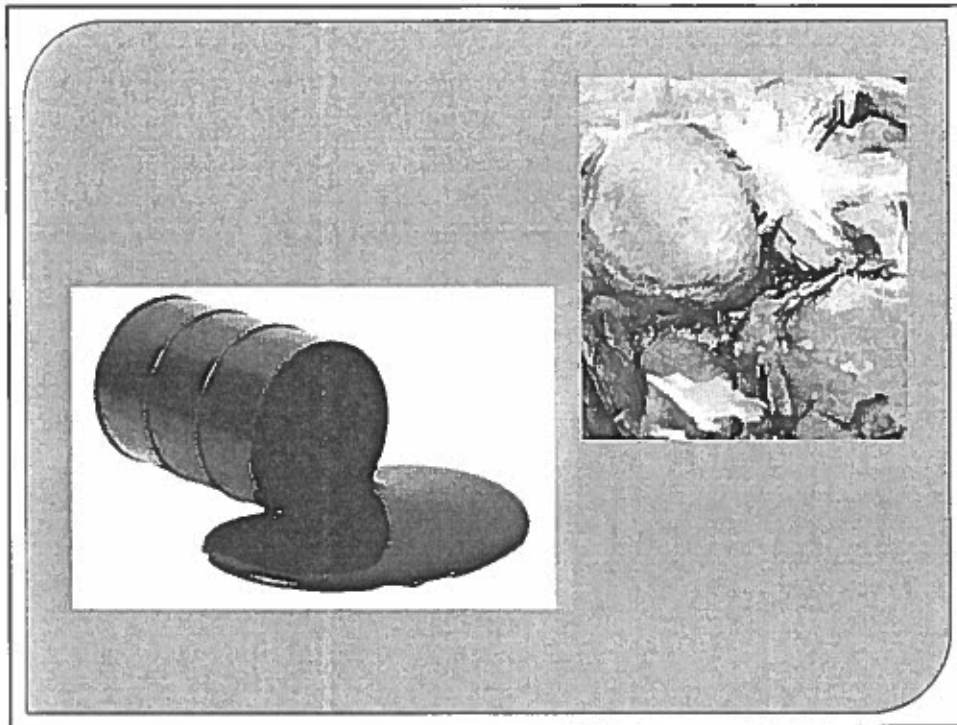
NON-RENEWABLE

- coal
- natural Gas
- oil (Petrokum)
- Lignite
(low-quality,
Brown coal)

RENEWABLE	NON-RENEWABLE
<ul style="list-style-type: none">• Radiant Energy• Biomass (biofuel / biogas)• Hydrogen Fuel Cells• wood	<ul style="list-style-type: none">• compressed Natural Gas• Shallow oil } oil from US• Tar Sand } Hard to get, low quality• Nuclear Power







Assignment

- ◎ Your assignment is to create a poster that will compare and contrast **two different sources** of energy that humans use. Be able to explain each energy source and how it works. Discuss the factors which affect why different societies would choose different energy sources.

Questions to be answered

- ◉ What energy sources have you chosen?
- ◉ Where does the energy come from? (Materials)
- ◉ How does each one of these generate energy? (Detailed process)
- ◉ What are 2 advantages to using this source of energy?
- ◉ What are 2 disadvantages to using this source of energy?
- ◉ Where is this energy source most commonly used?
- ◉ What factors affect the choice of energy sources by different societies? (availability; economic, cultural, environmental, technological)

Environmental Science

Name: _____

Energy Resources Poster Project

Energy Resources: _____

Questions to be Answered

- ④ What energy sources have you chosen?
- ④ Where does the energy come from? (Materials)
- ④ How does each one of these generate energy? (Detailed process)
- ④ What are 2 advantages to using this source of energy?
- ④ What are 2 disadvantages to using this source of energy?
- ④ Where is this energy source most commonly used?
- ④ What factors affect the choice of energy sources by different societies? (availability, economic, cultural, environmental, technological)