#### Renewable and Non-Renewable Energy

# Cause Energy and Fuel

**Energy Resource Coal** 

Type

Non-Renewable

□ Renewable

How it addresses human needs

Provide electricity to use at home, school, etc.

## Effect Environment

**Positive Effects on the Environment** 

Found all around world and requires limited transportation; More abundant than oil

**Negative Effects on the Environment** 

Air Pollution - toxins, carbon dioxide; mining damage to wildlife habitat

Role of Technology to Improve or Mediate Negative Effects Improve ways to mine, process and burn coal to reduce air pollution and protect wildlife habitat

#### Cause Energy and Fuel

**Energy Resource**Wind

**Type** 

■ Non-Renewable

□ Renewable

How it addresses human needs

Provide electricity to use at home, school, etc.

### Effect Environment

Positive Effects on the Environment No Air Pollution, can be built on existing farms

Negative Effects on the Environment

Bird Injury, Noise Pollution, Transferring Energy from rural collection sites to urban areas

Role of Technology to Improve or Mediate Negative Effects Improve design and efficiency; develop safety features for wildlife