

EarthComm Earth's Natural Resources: Energy Resources and Your Community Activity 8

This investigation will help you to:

- Solar Heating
- Photovoltaics
- Wind Power
- To learn more about solar-thermal electricity generation, visit the following web sites:
- To learn more about photovoltaic electricity, visit the following web sites:
- To learn more about the history of wind energy or solar energy, visit the following web sites:
- To learn more about wind farms, visit the following web site:

Solar Heating

- "Solar Heating and You" - North Dakota - Explains how solar heating works, including descriptions of different types of solar collectors. Also discusses why solar energy is an important resource. Includes directions for making a solar air heater and a glossary of relevant terms.

[Back to Top](#)

Photovoltaics

- How do Photovoltaics Work? - NASA
Site explains how photovoltaic technology has evolved, how it works, and where the technologies are typically applied.
- "Photovoltaics" - EREN - DOE pdf article that cover topics related to photovoltaics, including how photovoltaics works, different types of photovoltaic systems, materials used to make solar cells, applications and uses of photovoltaics, current uses of photovoltaics, current news about photovoltaics, and more.

[Back to Top](#)

Wind Power

- "Learn About Wind Power" - American Wind Energy Association
Learn about wind as an energy resource, including information about how to calculate the amount of power in the wind at a given wind speed, the basic types of wind turbines, the cost of wind power, and more.
- "Wind Energy in California" - California Energy Commission Site gives an overview of wind energy. Also visit the "Fast Facts" page, which gives wind facts in a table format.

[Back to Top](#)

To learn more about solar-thermal electricity generation, visit the following web sites:

- Solar Heating - EREN - DOE
- "Solar Thermal Energy" - United Nations Environment Programme (UNEP)
- "The Energy Story - Chapter 15: Solar Energy" - California Energy Commission

[Back to Top](#)

To learn more about photovoltaic electricity, visit the following web sites:

- How do Photovoltaics Work? - NASA
Site explains how photovoltaic technology has evolved, how it works, and where the technologies are typically applied.
- "Photovoltaic Power Generation" - Institute of Energy Conversion

[Back to Top](#)

To learn more about the history of wind energy or solar energy, visit the following web sites:

- "Illustrated History of Wind Power Development" - TelosNet
- "History of Wind Energy Use" - EREN - DOE
- "History Of Solar Power" - Go Solar Company

[Back to Top](#)

To learn more about wind farms, visit the following web site:

- Wind Farms - EREN - DOE

[Back to Top](#)
