Virtual Power Plant Tours

Goal

Compare and contrast the primary means of energy production.

Instructions

Observe the animations and images of the various power plants. Create a graphic organizer summarizing some of the similarities and differences among the different types of power plants. For each example, record:

* What physical parts do they have in common?
* What steps/processes do they have in common?
* What is turning the turbine?
* Is the source renewable or non-renewable?

Coal Power Plant

https://www.iat.com/powerplant/

Hydroelectric Project

http://fwee.org/nw-hydro-tours/walk-through-a-hydroelectric-project/

Nuclear Power Plant

http://energyclassroom.com/powerplanttour/ec\_tour1\_10\_main.html

Wind Turbines

http://www.alternative-energy-news.info/technology/

wind-power/wind-turbines/

Geothermal Power Plant

https://www.midamericanrenewablesllc.com/tour\_geothermal.aspx

Geothermal Power Plant

http://www.renewableenergyworld.com/topics/m/video/84658315/take-a-virtual-tour-of-the-stanton-solar-farm.htm

Overview

https://www.midamericanenergy.com/virtual-plant-tours.aspx