

## *Electricity Generation*

<https://www.youtube.com/watch?v=20Vb6hLQsg>

- 1. Can you give an example of a finite natural resource mentioned in the video?**

Fossil fuels like coal and oil.

- 2. Can you give an example of an unlimited natural resource mentioned in the video?**

Solar and wind power.

- 3. What do you need to turn these natural resources into usable electricity?**

A chemical or mechanical process.

- 4. Where does the majority of America's electricity come from?**

It comes from thermal power plants.

- 5. What is the function of a generator?**

It converts mechanical energy into electric energy and creates electricity.

- 6. Why is steam an efficient method of producing electricity?**

Because the water can be recycled and reused.

- 7. What can happen if there is too much or too little power?**

Too much or too little power can crash the transmission system and cause a blackout.

- 8. What is the name of the device used to increase the voltage of the grids?**

A transformer