

A large industrial power plant is shown at sunset. The sky is a mix of orange, yellow, and blue. Thick white smoke or steam rises from the plant's chimneys. In the foreground, there is a body of water reflecting the sky. A large, semi-transparent white circle is centered over the image, containing the text 'IMPACTS OF GENERATING ELECTRICITY' in a bold, white, sans-serif font with a black outline.

IMPACTS OF GENERATING ELECTRICITY

IMPACTS OF ELECTRICITY

- ✓ Renewable energy can be naturally replaced in a short amount of time.
- ✓ Better for the environment compared to non-renewable sources
- ✓ Improved public health (less harmful emissions)



IMPACTS OF ELECTRICITY

✘ Wind turbines used for electricity generation kill many bird and bat species every day.

- Birds struggle to see the spinning turbine blades and collide with them.

What are some ways this negative impact could be mitigated?



IMPACTS OF ELECTRICITY



- ✘ Solar panels are expensive.
 - Require a lot of space
 - Effectiveness is weather-dependent (sunny)



- ✘ The construction of dams for hydroelectric energy is destructive to animal habitats.
 - May flood land and kill and displace plant and animal species.

IMPACTS OF ELECTRICITY

- ✘ Burning fossil fuels for electricity releases carbon emissions (greenhouse gases) into the atmosphere.
- ✘ Greenhouse gases act like a blanket and trap heat in the Earth.

