Power Grid Assignment #1

In groups of two. Develop a PowerPoint presentation of 2-3 minutes to demonstrate to the class their knowledge of power grids around the world.

This is a list of countries / grids that students can pick from.

Mexico

Germany

France

Canada individual provinces

USA individual states

Any Caribbean country (not Belize)

South American countries

Topics to be covered:

Total generation in numbers

Installed capacity

Fuel mix

Nuclear

Wind / solar /other

Renewable percentage

Voltage of transmission

Any DC transmission

Purchases or selling of energy

This is an example of a web source:

<https://en.wikipedia.org/wiki/Electricity_sector_in_France#:~:text=France's%20electrical%20grid%20is%20part,owned%20by%20the%20French%20government>.

<https://en.wikipedia.org/wiki/List_of_power_stations_in_France>

Students need to make slides and talk in front of the class to show they understand not just read from the slides.