

# POWER UP!

## Energy Card Game

Get ready to spark your curiosity and test your energy know-how! With WattNext's energy cards, you'll dive into the fascinating world of Ontario's electricity mix—discovering what makes each power source unique and how your choices can help build a cleaner, more reliable future.

### What's on each card?

Each card is packed with key information about one of Ontario's electricity sources.

You'll find:

- The name of the energy source at the top
- A quick description of how it generates electricity
- Ratings for important characteristics, like:
  - Flexibility: How quickly can this source ramp up or down when needed?
  - Reliability: How steady is the power – does the weather or time of day affect its reliability?
  - Renewability: Is this source self-replenishing, or will it run out?
  - Greenhouse gas emissions: How much CO<sub>2</sub> and other gases are released?
  - Land Use: How much land, water, and resources are needed over its life cycle?
  - Waste profile: What kind of waste is produced, and how is it managed?
  - Typical cost: How much does it cost to generate a kilowatt hour?



