

Modern Inventions in Energy: **SOLAR PANELS AND WIND TURBINES**

*Physics Books
for Beginners Grade 3
Children's
Physics Books*



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The illustration depicts a modern wind farm. Four large, white wind turbines with three blades each are positioned across the scene. The blades have red and white striped tips. In the foreground, there is a control building with a white roof and blue-tinted windows. To the left of the building are two large, rounded green trees with brown trunks. To the right is a tall, thin evergreen tree. In the background, a city skyline with various green buildings is visible. The sky is a solid teal color with two small black birds flying in the upper center. The overall style is clean and modern.

SOLAR PANELS AND WIND TURBINES

 In this book, we're going to talk about solar panels and wind turbines, so let's get right to it!



From ancient times, men have used the power of the sun to heat water and the power of the wind to blow sails on ships. The ancient Egyptians were some of the first people to use solar power to heat and cool their homes. They used carefully selected building materials to achieve comfortable indoor temperatures. Today, there are methods to harness these natural energy sources to create electricity to power our homes and businesses.



What is Solar Power?



The main source for all of Earth's energy comes from our star, the sun. Solar power can be harnessed from the sun's rays. This type of power can be used directly as a heating source or it can be transformed into electrical energy.

