

The background of the entire page is a photograph of a sunset or sunrise over a field of wind turbines. The sky transitions from a deep blue at the top to a bright orange and red near the horizon. The silhouettes of several wind turbines are visible, with the largest one in the foreground on the left and others receding into the distance on the right. The overall mood is serene and hopeful, emphasizing clean energy.

Powerful Possibilities

Wind, sun, ocean tides—even heat from deep beneath the Earth’s surface—are all sources of energy.

Energy sources like these are called “renewable” because you can’t use them up. No matter how much electricity you generate when wind pushes a wind turbine, the wind will blow again.

The challenge? Finding ways to use renewable energy sources in a scale big enough and cheap enough to replace non-renewables such as oil, gas and coal.

El viento, el sol y la marea—incluso el calor que existe en las profundidades de la tierra—son todas fuentes de energía.

Estas fuentes de energía son “renovables” porque no se pueden acabar. El viento volverá a soplar sin importar la cantidad de electricidad que usted genere cuando el viento impulsa una turbina eólica.

¿El desafío? Encontrar formas para utilizar las fuentes de energía renovable en una escala lo suficientemente grande y a un costo lo suficientemente bajo para reemplazar las fuentes no renovables como el petróleo, el gas y el carbón.