



DISTRIBUTED RENEWABLES

Distributed energy resources include a variety of small-scale generating technologies located and operated near the point of energy use.



HYDROELECTRIC

Hydroelectric power systems use the power of flowing water to turn a turbine to generate electricity. Smaller, run-of-the-river systems generally do not require alteration of the course of a waterway.



SOLAR PANELS (PHOTOVOLTAICS)

Solar panels convert sunlight to electricity and are often mounted directly on homes, schools, or commercial buildings to provide electrical power.



WIND POWER

Smaller-sized turbines generate power from the wind.



HYDROGEN FUEL CELLS

A fuel cell uses the chemical energy of hydrogen to efficiently produce electricity, with water and heat as by-products.



BIOMASS

Biomass technologies use plants and plant-derived materials to generate power.

