



# Solar powered system

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OverviewPotentialTechnologiesDevelopment and deploymentEconomicsGrid integrationEnvironmental effectsPoliticsSolar power, also known as solar electricity, is the conversion of energy from sunlight into electricity, either directly using photovoltaics (PV) or indirectly using concentrated solar power. Solar panels use the photovoltaic effect to convert light into an electric current. Concentrated solar power systems use lenses or mirrors and solar tracking systems to focus a large area of sunlight to a hot spot, often to drive a steam turbine.

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Solar energy is radiation from the Sun that is capable of producing heat, causing chemical reactions, or generating electricity. ...

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In a nutshell, solar panels generate electricity when photons (those particles of sunlight we just discussed) hit solar cells. The process is called the ...

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