



How Do Solar Panels Work ?

By Joey



What they do

a solar panel is a blue panel built to harness sunlight. *“A solar panel works by allowing photons, or particles of light, to extract electrons from atoms, generating a flow of electricity. Solar panels actually comprise many, smaller units called photovoltaic cells. (Photovoltaic means they convert sunlight into electricity.) Many cells linked together make up a solar panel.”*

Info from

<https://www.livescience.com/41995-how-do-solar-panels-work.html>



How they are used

Solar panels can be used to power home appliances such as stoves, lights, ETC. many solar panel owners find that solar panels save homeowners from paying expensive electric bills. According to

<https://smallbusiness.chron.com/sell-solar-power-grid-make-money-77411.html>

solar energy can be sold to make profit. They are bolted onto a roof of the building, hooked up to a battery and then the battery is hooked up to whatever its powering



My demonstration

For my demonstration I made a solar car to demonstrate how a solar panel works.



Convert your home to solar energy

Book https://sussexcl.ent.sirsi.net/client/en_US/scls/search/results?qu=solar+energy&te=

*The book **Convert Your Home To Solar Energy** is about how solar energy works and how it can be used to the advantage of people. I recommend this book because it includes everything I am demonstrating and more about how it works in homes.*



Bill Nye: solar energy

<https://www.youtube.com/watch?v=av24fEMhDoU> *In this video Bill Nye describes what solar energy is, how it works,*



References

Book https://sussexl.ent.sirsi.net/client/en_US/scls/search/results?qu=solar+energy&te=

<https://www.youtube.com/watch?v=av24fEMhDoU>

<https://www.seia.org/initiatives/about-solar-energy>