

# Programming

In a world that is increasingly run by computers, there are many ways that creative programming can lead to energy conservation. This can be as simple as a timer to dim or turn off lights, or as complicated as a program coordinating the motion of several thousand mirrors to concentrate sunlight on a single point.

## [Solar roadways](#)

[Solar Roadways](#) is a company that is using solar power, engineering, and programming to create a new kind of road that could work for transportation, power generation, power transmission, internet, and emergency lighting all rolled into one!

## [Software for solar thermal power](#)

[Software](#) turns out to be a vital component in making efficient solar thermal power plants.

## [Programming tidal turbines](#)

[Computer simulation](#) provides best setup for hydrokinetic power generation from tides and ocean currents

[« Back to Promising Ideas](#)