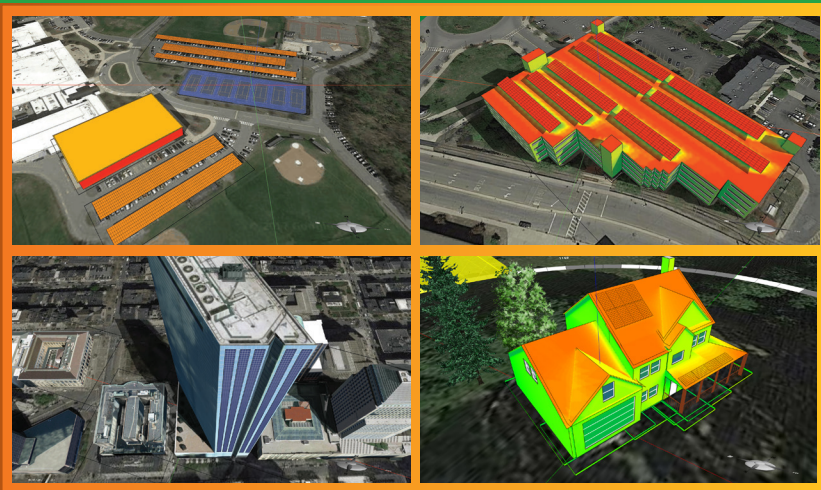


Solarize Your World

Engineering a Sustainable Future through Virtual Solar Power Design



Powerful simulations turn satellite maps into engineering labs with unlimited opportunities of exploration.

Energy3D is an intelligent CAD tool for designing and analyzing green buildings and power stations that harness renewable energy to achieve sustainable development. Whether you live in a desert or on the coast, near or far away from the equator, in cities or rural areas, you are invited to imagine a better world with it.

It's your world, your future.
Act now to make a change.

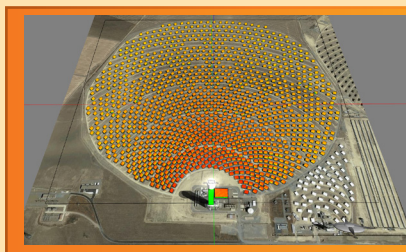
Solarize Your World

All New Science and Engineering Curriculum Modules

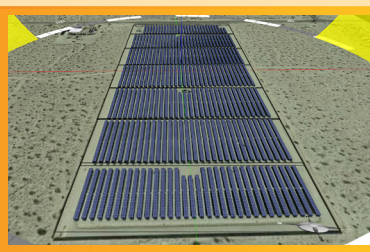
Free curriculum materials cover science concepts such as power and energy, earth science, electric circuits, and heat transfer, as well as engineering principles such as optimization, trade-offs, and iterative divergent-convergent loop, that are needed to understand how the energy from the sun can be utilized to power our world.

These curriculum modules provide instruction, guidance, and intelligent agents that support students to explore and design a variety of solar electric and solar thermal solutions for residential buildings, commercial buildings, schools, garages, parking lots, landfills, brownfields, roads, reservoirs, power plants, and much more in the real world.

These modules are designed for both classroom or out-of-school learning. Capstone student projects are invited to participate in the Virtual Solar Decathlon — an online competition of solar power design.



PS20 Solar Power Tower in Seville, Spain



Solar trackers in Desert Hot Spring, California

<http://energy3d.concord.org>



The Concord Consortium



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