



# Brightsource solar energy

BrightSource Energy has landed its first-ever project to use its solar thermal technology for steam generation. The Oakland, Calif.-based startup said Friday it has been ...

BrightSource Energy designs and builds large scale solar plants that deliver low-cost solar energy in the form of steam and/or electricity, at prices competitive with fossil fuels, to industrial and utility customers worldwide.

BrightSource Energy Inc, which is developing solar thermal power plants in the California desert, has raised more than \$80 million in equity financing six months after canceling a planned initial ...

BrightSource's concentrated-solar plants work by reflecting the light of the sun onto the top of a tower. In that tower is water, which is turned to steam by the heat. The steam...

Concentrating solar power (CSP) specialist BrightSource Energy, Inc. on Monday announced it has started deploying a fourth generation solar field technologies at the 121 MW Ashalim solar thermal power station in Israel.

BrightSource Energy, a VC-funded ... site sits on 100 acres and uses 3,822 heliostats that are focused on a boiler sitting on top of a 327-foot-tall solar tower. According to BrightSource's S ...

BrightSource's solar field integrated control system (SFINCS) manages the distribution of energy across the solar receiver using real-time heliostat-aiming and closed-loop feedback. At Ashalim, each of the 50,600 heliostats positioned in the 3.15-square-kilometer solar field will communicate wirelessly with the SFINCS.

The project provides clean energy to over 80,000 homes in California, while avoiding over 200,000 metric tons of carbon dioxide emissions per year. BrightSource Energy's energy storage projects include the Ashalim Solar Thermal Power Station in Israel, which is a 121 MW CSP plant that includes a 50 MW thermal energy storage system.

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BrightSource plans to break ground next year on two more projects in California, the 500-megawatt Hidden Hills project in Inyo County on the Nevada border, and the Rio Mesa Solar project in ...



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BrightSource's LPT solar thermal energy system uses fields of tracking mirrors, known as heliostats, controlled by proprietary software to concentrate sunlight onto a solar boiler atop a tower. ...

BrightSource Energy, Inc. has an answer: motion-controlled, Sun-tracking heliostats (mirrors) that follow the Sun to capture the maximum solar energy output. Most people are familiar with solar panels on roofs of houses that use photovoltaic cells ...

BrightSource Energy, a concentrating solar thermal technology firm, just announced that it raised more than \$80 million in equity financing, bringing its total equity financing to more than \$615 ...

BrightSource Energy, Inc., a utility scale solar thermal company, announced last week that it has filed an Application For Construction (AFC) with the California Energy Commission (CEC) for development of a 400 megawatt (MW) solar power plant site. This is the first AFC to be filed in California since 1989 for the construction of solar thermal power plants.

The seemingly endless stream of cars coming out of BrightSource Energy's 370-megawatt Ivanpah solar power plant complex bolsters the company's recent declarations about its growth and the ...

BrightSource Energy's massive solar farm in a remote corner of California delivered its first flow of power to the grid, an important step for demonstrating that the project is on the final path ...

The OASES(TM) Energy Management System by BrightSource Energy is a cloud-hosted, modular platform designed to optimize and enhance renewable energy resources such as photovoltaics, battery storage, microgrids, wind turbines, ...

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