

The design of solar-powered water purification systems is thus regarded as an important means of producing clean water. Solar energy poses no polluting effect and has become a dependable energy source for usage. ... Journal of Photonics for Energy, 9(4),043107. Joseph III, T.A., Newton, C.C., Wandrie III, H.M. & Carter, M. 2012. EPIPHANY SOLAR ...

Find 6 listings related to Epiphany Solar Water Systems in Pittsburgh on YP . See reviews, photos, directions, phone numbers and more for Epiphany Solar Water Systems locations in Pittsburgh, PA.

Tom Joseph founded Epiphany in 2009 after developing an efficient solar distillation unit that served as the base technology behind Epiphany's current technology suite. Throughout his career, Tom has proven his expertise in engineering design, product development, project management, logistics, sales, and marketing.

"But we totally underestimated the size of the market," said Joseph, president and founder of Epiphany Solar Water Systems Inc., New Castle. It's not just developing nations with little access to drinkable water that would benefit from his technology, he learned in 2010 at an energy forum in Abu Dhabi. There's a commercial market -- resorts ...

Founder Profile: Tom Joseph of Epiphany Solar Water Systems By Susan L. Pena on October 4, 2014 When Tom Joseph happened to see a television documentary on the global clean water shortage, one statistic really stuck with him: Every 15 seconds, somewhere in the world, a child dies due to this problem.

Epiphany Solar Water Systems, LLC is a leading provider of high-efficiency wastewater treatment solutions in Pittsburgh, PA. With a focus on the oil, gas, and agricultural industries, they offer modular, portable, and scalable treatment systems for the disposal of industrial wastewater and waste brine management.

Epiphany Solar Water Systems (SWS) began in 2005 when Tom Joseph and Henry Wandrie first conceived of a simple and inexpensive method of distilling water with concentrated solar energy. Epiphany's flagship product utilizes a parabolic concentrating dish to focus sunlight on a proprietary, high-throughput distillation unit mounted at the dish ...

Introducing the HelioMaxx(TM) prepackaged kit, the solar industry's premier domestic hot water solution. Our Solar Hot Water Kit comprises a comprehensive set of components, including SunMaxx flat plate collectors or vacuum tubes, StorMaxx(TM) storage tank, UniMaxx pump station, SmartMaxx(TM) Solar Controller, FlowMaxx(TM) pre-insulated piping, and additional valves and ...

Epiphany Solar Water Systems is developing PowerPucks for a new venture. Above is a prototype of the front and back of the coaster-sized Stirling engines, which are equipped with a USB port that ...

Fresh water scarcity is turning into a serious and worrying challenge to the sustainable growth of human



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being. This issue highlights the necessity of seawater desalination techniques. There are various desalination technologies available and among them solar thermal humidification-dehumidification (HDH) desalination was reported as the most efficient ...

Epiphany Solar Water Systems, a privately-held company founded in 2009 in New Castle, PA, invented the world's first concentrated solar powered water desalination and purification system. The ...

Epiphany Solar Water Systems, a privately-held company founded in 2009 in New Castle, PA, invented the world's first concentrated solar powered water desalination and purification system. The company's goal is to use solar energy to provide water purification solutions at a price which is cost-competitive with conventionally powered systems.

Project Summary: Epiphany Solar Water Systems has developed a water desalination and crystallizer unit that uses solar-thermal energy to desalinate water by increasing the temperature and pressure sufficiently to cause water to transition to a supercritical phase, in which salt does not dissolve. The fully integrated system will use solar ...

Installing a solar hot water system comes with a high upfront cost, averaging around \$9,000, according to Fixr . Even with tax credits and rebates, the cost may make it difficult to purchase a ...

Epiphany Solar Water Systems has developed a concentrated solar powered (CSP) system that answers the water and energy problem with a solution that can provide clean water from contaminated or sea water in volumes from 100 to 100,000 gallons per day (GPD) economically and reliably. Use the CB Insights Platform to explore Epiphany Solar Water Systems's full profile.

A solar-powered water purification system consists of a solar collector that absorbs sunlight to ensure vaporisation, which is the first stage of purifying and a filter that removes contaminants ...

Joseph can truly cement his place in the history books if his latest and greatest venture, Epiphany Solar Water Systems, continues to make strides in its effort to provide clean, desalinated water using only the sun as a power source. The seven-person, New Castle-based company-which has a new CEO in startup veteran Ron Pettengill and has made ...

Epiphany Solar Water Systems - Business Information. Research & Development · Pennsylvania, United States · 218 Employees. Epiphany Solar Water Systems LLC is a company that operates in the Biotechnology industry. It employs 101-250 people and has \$25M-\$50M of revenue. The company is headquartered in New Castle, Pennsylvania.

Epiphany Solar Water Systems FracTracker Wastewater injection into the ground can cause earthquakes. Research estimates oil and gas wastewater management is a \$1 billion industry, and could grow to \$9 billion by next decade. Oil and gas wastewater comes in two basic types--flowback and produced water.



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Oasys Water. Privately Held. Founded 2008. USA. Oasys Water provides technology that lowers the cost to produce clean water from salt water sources. Using natural, or forward osmosis, we help customers reduce the cost to recover water, eliminate the problems associated with wastewater disposal and preserve the world's fresh water supplies.

Similar Companies: Epiphany Solar Water Systems USA Privately Held Epiphany Solar Water Systems (SWS) began in 2005 when Tom Joseph and Henry Wandrie first conceived of a simple and inexpensive method of distilling water with concentrated solar energy. Epiphany's flagship product utilizes a parabolic concentrating dish to focus sunlight on a proprietary, high ...

In 2013 Epiphany Solar Water Systems launched a Kickstarter campaign to fund the production of a heat powered coaster-shaped phone charger called Epiphany onE Puck. The campaign had 1,175 backers, I was one of them, and raised \$132,739.00. They never delivered. Two years since reaching way over their \$100k goal and they have provided no updates, no ...

Sep 21, 2010 - Epiphany Solar Water Systems. A distillation unit for producing potable water using solar radiation is disclosed. The distillation unit includes a heating chamber defining an interior chamber adapted to contain a non-potable liquid for distillation, and a dome-shaped condensing portion having an inner surface and an outer surface ...

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