

Removing Salt from Water Using Solar Energy

by Anand Kumar Ashodhiya - Saturday, November 03, 2018

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As time passes, solar [power](#) is becoming a more cost-effective and [flexible power](#) source. One area where it is getting used with little fanfare is desalination of water, I mean removing Salt from [Water](#) using solar energy.

It is rather ironic that the majority of our planet is covered in water; however millions of persons in many areas around the globe are struggling from water shortages. The nature of the irony is evident virtually instantly. The oceans of the world encompass salt water, a mixture we merely can't drink.

Removing Salt from Water Using Solar Energy is price efficient

For the longest time, there have been dialogue about changing saltwater into usable, drinkable water. This process is named desalination. If the process can be used on a big scale in a price efficient manner, it would resolve lots of the water scarcity on the planet in the present day whether or not they exist in third or first world nations.

Removing Salt from Water Using Solar Energy is worth to obviate water shortage

Desalination is a term used for eradicating salt and minerals from ocean water. The name suggests one methodology, however there are literally many. Reverse osmosis is [currently](#) the most popular and is essentially a filtration process. It is widespread in nations that presently have desalination vegetation comparable to these discovered within the Mideast and Caribbean. The process can also be gaining extra curiosity in China and the United States where certain regions are struggling recurring water shortages.

Removing Salt from Water Using Solar Energy is cost effective

One of the problems that come up with desalination is the energy price. Most water purifying plants are powered by fossil fuels, though Russia is presently finding out a water plant run off nuclear energy. With world warming and energy worth considerations on the forefront, many at the moment are seeking to renewable energy platforms as an energy supply for these water purifying plants. [Solar energy](#) is foremost and front-runner among the choices

Role of Renewable Energy in Removing Salt from Water Using Solar Energy

Desalination plants working with Solar Energy do not work in the way you might assume. For removing salt, the solar energy is not used to provide power to the desalination process, although it probably could

be. Instead, the power of the solar energy is constructed into the desalination system. The concept is to heat salted ocean water and switch it right into a vapor. The vapor is then run via a condenser system that turns it again into liquid water to get salt less water. Actually speaking the concept of Removing Salt from Water Using Solar Energy has been mimicked from the nature.

Process of Removing Salt from Water Using Solar Energy

Solar desalination systems work differently, but the idea is to Removing Salt from Water Using Solar Energy or renewable clean green energy by using the natural system one finds in the oceans. As you probably know, water evaporates off of the ocean to form clouds in the atmosphere. When the proper conditions occur, these clouds subsequently turn into rain clouds and release the salt less water. Solar desalination process tries to mimic the same natural way by using solar energy.

Renewable Energy in Demand for Removing Salt from Water Using Solar Energy

The double concern of rising energy costs and world warming are stimulating analysis within the renewable energy area. [Desalination process by Solar Energy](#) represents just one area where analysis is producing tangible advantages.

[DayRise Solar Enerdy Pvt Ltd](#) established at Sonipat, Haryana, India is an EPC Company registered with Registrar of Companies, Govt of India to carry out business in the field of Solar Energy, Solar Power and Solar powered [products](#).



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