

Desert's Solar Panels Project

Covering with solar panels two of the biggest deserts in North America can supply the whole world with clean energy.

Abstract

It is estimated that the world needs a surface of roughly **500,000** km² filled with solar panels to fuel its energy demands. Finding such a large area is extremely difficult, if not impossible, not to mention the costs and maintenance of these panels.

Proposal

Deserts are vast spaces, with a lot of sunlight and (mostly) unused. Calculating the surface area of two of the biggest deserts in North America, the Chihuahuan Desert (**360,000** km²) and Sonoran Desert (**310,000** km²), we get a total surface area of **670,000** km² of unused space.

Gradually filling it with solar panels, will make solar energy more practical and cheap, and hopefully one day even fuel (almost) entirely our demands for energy. Since solar panel's prices have been greatly reduced and their performance has been getting better with time, the demand for this product will increase rapidly.

Conclusion

Solar panels have been a great resource of clean energy in recent years. Its performance has been improved, while its price reduced due to new technologies implemented by the industry. If we gradually fill the space of these unused deserts with these panels, we will cover most, if not entirely, our demands for clean energy in the future.

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