



ENVIRONMENTAL ECONOMICS INTERDISCIPLINARY ECON 250519

THE ENVIRONMENTAL & ECONOMIC BENEFITS OF SOLAR POWER

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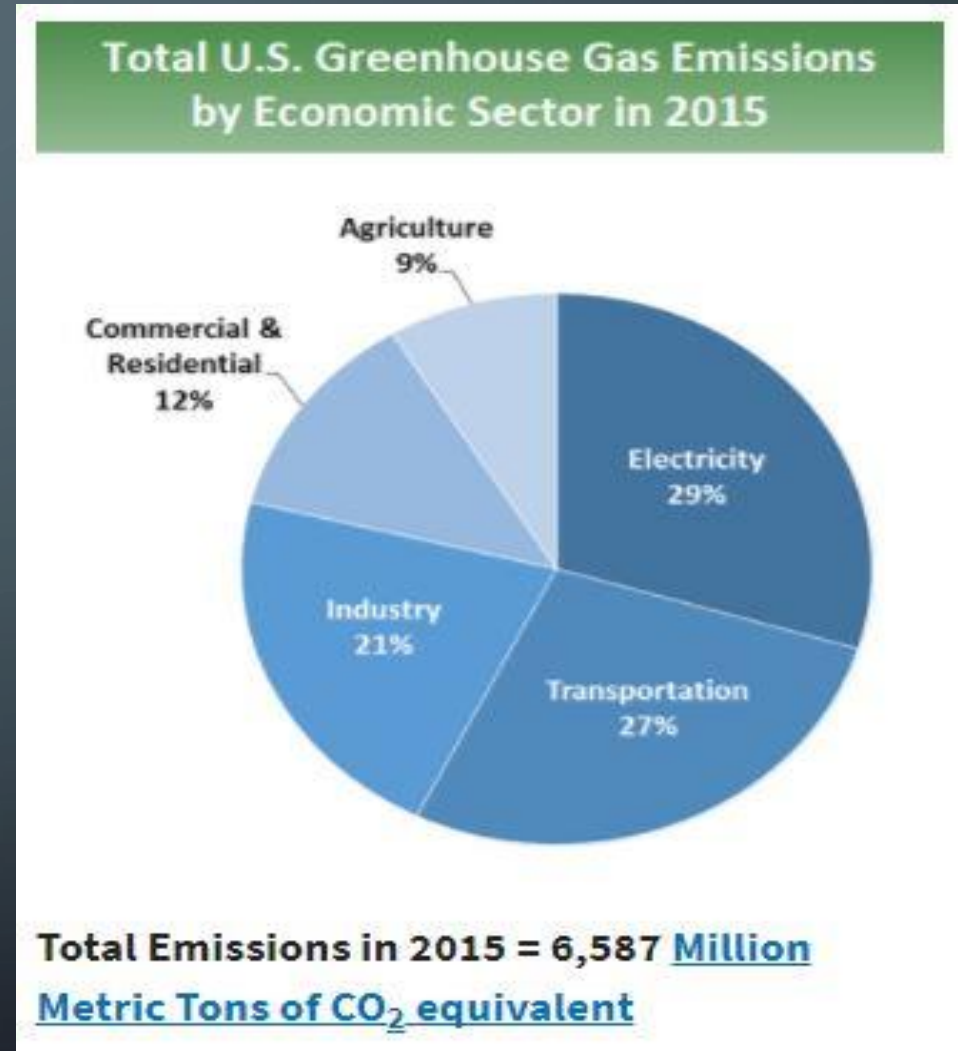
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CENTRAL QUESTION

Although current levels of pollution cannot be reversed, how can the use of a non-renewable energy source such as solar power help to reduce global carbon emissions?

ENVIRONMENTAL BENEFITS OF SOLAR POWER

- Solar power can be helpful in reducing our overall carbon emissions.
- Based on the data provided, in 2015 electricity accounted for 29% of the overall carbon emission in the United States.
- That's almost 2 billion metric tons of carbon pollution!



ENVIRONMENTAL BENEFITS OF SOLAR POWER



- An improvement in air quality from reduced pollution can be linked to fewer related illnesses and health concerns.
- Such illnesses as bronchitis and other lung related problems as well as heart related problems can then become less of an issue.

ECONOMIC BENEFITS OF SOLAR POWER

- The implementation of solar panels on residential homes can not only generate great savings to home owners but also less dependency on the plant powered electric grid.
- Incentivized programs have also come about in the movement towards clean energy in which the government may issue tax credits and other rebates for the uses of solar panels on residential homes.



ECONOMIC BENEFITS OF SOLAR POWER



- Increased advancements in the shift towards clean green energy will create thousands of new jobs in the energy sector.
- As it currently stands over 260,000 individuals in the United states alone are employed in the field of solar power and that translates to over 3 million people on a global scale.
- This would result in huge revenue profits as well as contributions of millions and even billions of dollars to the global economy

IN CONCLUSION

Solar power can be both environmentally and economically beneficial for many reasons:

- It can reduce our carbon footprint and reduce our dependency and use of finite non-renewable resources.
- It can reduce air pollution and the illnesses related to a carbon polluted atmosphere.
- It can provide new jobs and develop the countries economy through high volume revenue and profits.
- It can be rewarding to those who are able to provide real estate for solar panel mounting in forms of tax credits, rebates and reduction in paid electricity consumption from local electric grids.

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