Abstract

Energy crisis is the most controversial issue that is dragging the concern of the world. The speed by which fossil fuels are depleting and the way they contribute to the greenhouse effect, people are looking up for a renewable and green source of energy. It therefore stands the reason for the developing countries whose energy consumption rate is increasing very fast should not only invest but also investigate for newer renewable energy based system. Sun is
an obvious source of energy that is not only inexhaustible but also do not pollute the environment. Solar energy has attracted interest of masses as a source of heat. Solar power is the process of conversion of sunlight into electricity either directly by using photovoltaic or indirectly using concentrated solar power. Dramatically, it has never lived up to the potential to which solar energy is claimed to be either because of the lack of technology or because of its weather dependency. Hence, the result countries like Germany and Spain are the only countries producing more than 1% of their total energy consumption with the help of solar energy.

References

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Index Terms

Computer Science
Power Systems

Keywords
Solar Power; Solar Power Satellite (sps); Photovoltaic (pv); concentrated Solar Power (csp)