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Abstract:

Having a 2.5% surplus demand of electricity in India, the government is able to provide 4.6% surplus electricity. But the problem is that the Discom has to face a debt of 2.6 lakh crore by the end of 2020. There are a lot of modes to produce electricity in India which are in practice, but still it is not able to satisfy the electricity demand unlike other countries. Every waste of energy in our day to day practice, can be used to produce electricity according to today's technological advancement, usage of every means of energy which goes vain can be used to produce electricity. If this happens, the debt will be cleared and also such huge sum of amount can be used in solving other problems India is facing. There are a lot of other modes to produce electricity which are known by the mankind but are not in practice. So, let's get them into practice.

Introduction:

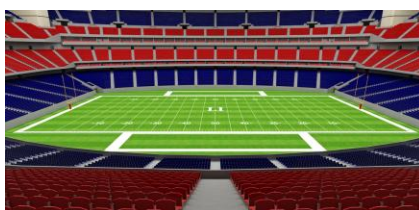
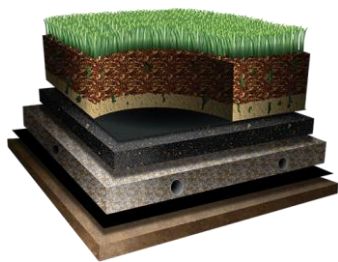
The usage of piezoelectricity in areas where there is more availability of pressure to produce sufficient current. One of the best methods to produce current is this one. This idea can be executed by placing the piezoelectric cells on the surface of a football(rugby,soccer,etc.) stadium. For this type of usage to come into practice, this idea should be a great attraction to the public. For the construction of these types of stadiums, it may require a lot of initial investment. But when in practice, a revolution can be created. For more efficient results, the surface (ground) should be made up of the piezoelectric cell and the size of the cell should as much as of a 20x20 cm tile which should be spread all over the ground.

And also using the cheers (noise/sound) of people in the stadium, as a source of input, current can be produced through transducers. The transducers should be setup near the seats of the audience. As they cheer, the sound can be trapped by the transducers and later processed to current.

Motivation:

One of the best modes of producing electricity is piezo. When this type of a mode is not in practice, it will be a huge loss to the Indian economy. Using the previously invented modes of producing electricity in particular areas can help it out. Usage of the energy which goes vain should be a good idea.

Methodology:



Social Impact:

Availability of electricity in remote areas. And increasing the country's economy.

Market Survey:

More efficient devices should be built and are not available as stock in the market.