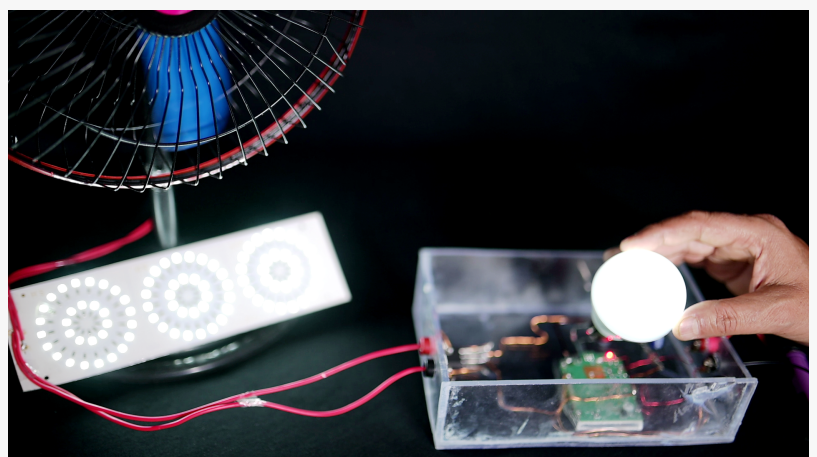


Ambient Energy Harvesting Technology Being Pioneered in India

The INFRGY device amplifies energy by capturing electromagnetic energy from the environment

HONOLULU, HAWAII, UNITED STATES, July 10, 2024 /EINPresswire.com/ -- INFRGY LLC introduces its prototype device which converts radio frequency (RF) signals into electricity. It supplements energy used to transmit RF signals and amplifies it with electromagnetic energy harnessed from the environment, to produce

more output than supplied at input. The amplified energy output has been tested at the University of Kashmir's Institute of Technology in India. The resulting energy output may be used in a combination of wired and wireless devices.



INFRGY device for DC power output

“

we welcome the opportunity to demonstrate our technology to all interested parties, and look forward to further development with industry and academic partners”

Parvez Rishi

Although the INFRGY smart circuit is relatively small, the prototype performs multiple functions at the same time, and can be thought of as several devices in one. The device transmits an ultra-high frequency RF signal, which is converted into DC electricity.

Simultaneously it captures electromagnetic energy in the environment and converts it to DC current.

The combined current can then be used as DC or further converted into AC current. Presently more testing and research is being conducted at high technology institutions in India.

Co-founder Parvez Rishi feels that corroboration is the key to widespread adoption of this technology. “Although we have documented and verified our claims at the Institute of Technology, we understand that there will be skepticism about the ability to harvest enough ambient energy for output to exceed input. However, ambient energy is already being harvested

from sources like the sun, wind and water.” He goes on to say, “we welcome the opportunity to demonstrate our technology to all interested parties, and look forward to further development with industry and academic partners”.

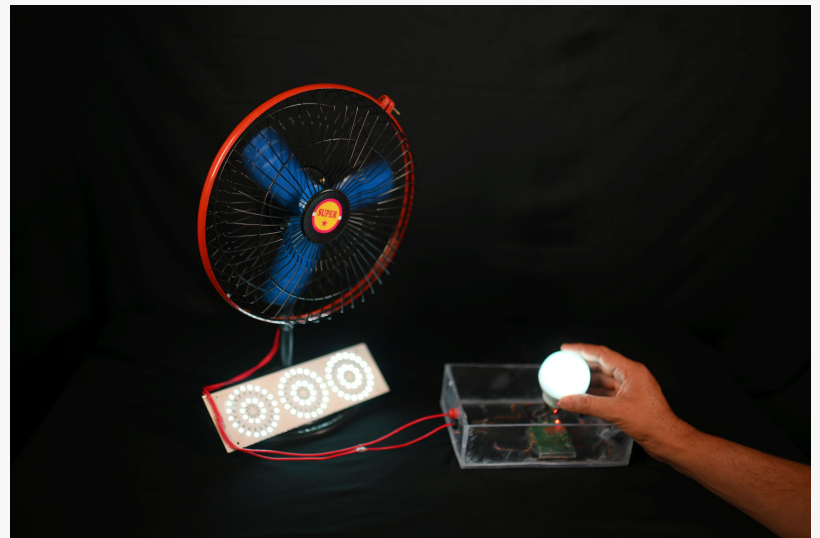
The high demand for fossil fuels has pushed researchers and innovators to search for renewable energy technologies to mitigate the effects of air pollution and greenhouse gases on the planet. Parvez Rishi adds: “Our goal is to introduce INFRGY’s technology, which incorporates both renewable and wireless energy. The potential is limitless”.

[Video: https://youtu.be/tOlezuOZCfc](https://youtu.be/tOlezuOZCfc)

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Prototype with AC and DC output



INFRGY Ambient Energy Harvester with DC output

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