

Re: Power Beamed Via Microwaves

Source: <http://sci.tech-archive.net/Archive/sci.energy/2005-12/msg00098.html>

- *From:* eunometric@xxxxxxxxxxxxx
 - *Date:* 8 Dec 2005 19:24:14 -0800
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Anonymous wrote:

- > It doesn't work or people would be doing it I suppose, but is anybody
- > interested in telling us why it is unworkable?
- >
- > Aside from the occasional bird getting fried, it seems offhand like a nice
- > idea: beam the power into the remote location instead of paying a fortune
- > for poles and wire.

It does work. It has been proposed to use this method to transfer power from giant geostationary satellites to giant antenna resemble wire fences. Levels of RF energy would be low enough to allow agriculture and not effect birds.

Solar energy is twice as high and it never varies day or night so about 8 times as much to receive in 24 hour period.

Several nations have also tested small unmaned aircraft or helicopters powered by such beams. Antenna can be a simple as a printed circuit board with diodes.

Magnetrons and travelling wave tubes are fairly efficient but I believe silicin carbide is the way to go now.

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• *References:*

- ◆ ***Power Beamed Via Microwaves***
 - ◇ *From:* Anonymous
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