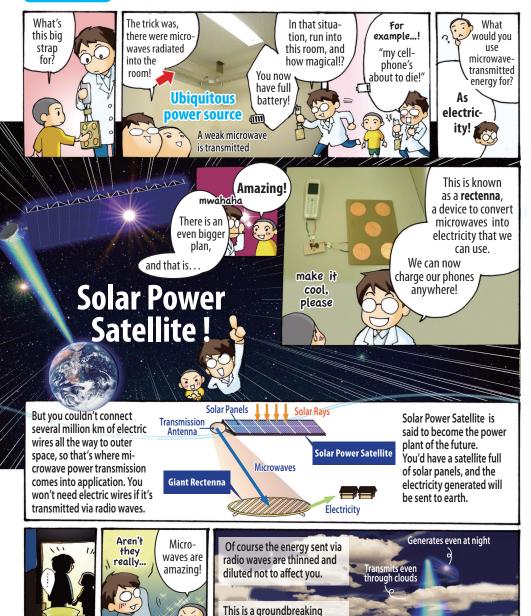
What is Humanosphere?



What is "Microwave Power Transmission!?"

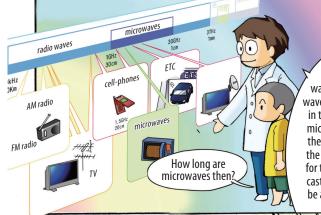
Written by : Tomohiko Mitani Illustrated by : Chikako Noshi











Many radio waves of different wavelengths are used in this world, and a microwave is one of them. For example, the radio wave used for television broadcasting measures to be about 0.5 to 3m.

The food is warmed due to the radio wave "microwave" radiated inside the machine.

Great G

costume

change...

And it is beginning to be used for something new!

1~30cm roughly. They're about 12cm in the machines.

Length of a microwave

Haha

no, it's because the waves are shielded by a box that a microwave oven can warm up food.



Power density of radio waves in daily life is very low, . . .

You mean, we are being warmed by gadgets everyday?



TVs and cell-phones transmit information carried by radio waves, yet what they're doing essentially is transmitting energy.

The fact that you can warm up food in a microwave proves that radio waves themselves carry energy.

microwave power transmission!





Check out this website for more details on Solar Power Satellite! »» http://space.rish.kyoto-u.ac.jp/sps-e.html

Thinned and diluted microwaves

power plant that generates

clean solar electricity 24 hours

a day, 365 days a year.