

PV Business Planning and Promotion Department

We are promoting saving energy and carbon dioxide emission control through the manufacturing and sale of power generating roof "Ecolony" in PV Business Planning and Promotion Department.

It is essential for each people to promote measures of global warming, environmental pollution and so on for humans, right now.

Japan promised internationally that it would reduce the amount of carbon dioxide emission by 6% between 2008

and 2012 compared with 1990. (Kyoto conference for global warming prevention) Nationwide spread of next-generation energy, natural energy such as solar power, wind power, geothermal energy and so on, is being promoted.

We at Kubota have put power generating roofing material using solar power into products, considering solar power, the largest amount of energy in those energies.

Also we solved problem, in which wide area is necessary in spite of amount

of power generated when utilize new energy, by using roof for installation.

This is the product that can contribute to solving environmental issues by each people.

Kubota's power generating roofing material "Ecolony" aims at realization of environment-friendly society.

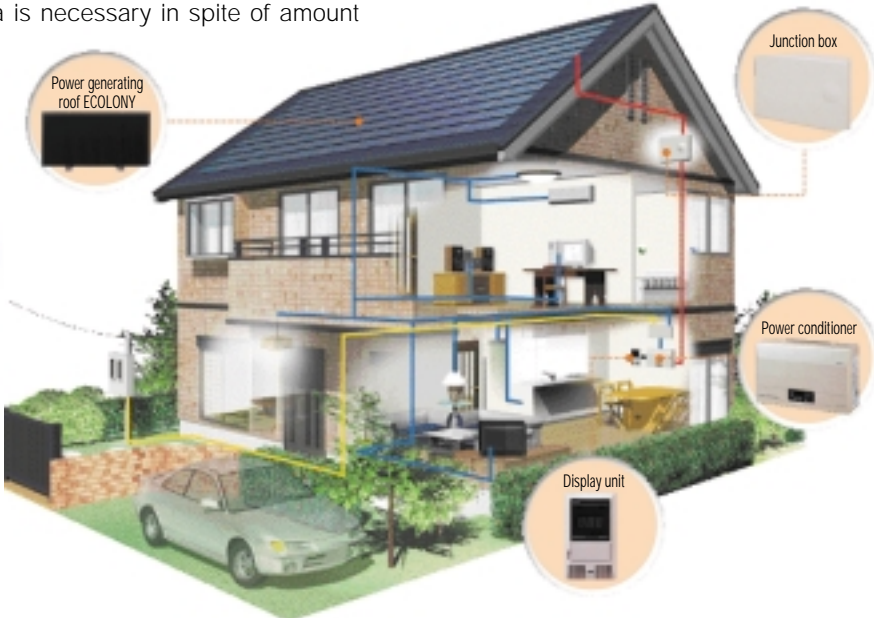
Clean

Infinite

Solar energy is energy for electric power generation everyone needs.

Fare free

Low risk



Kubota's power generating roofing material "Ecolony"

Kubota's power generating roofing material "Ecolony" is a high-performance roofing material transforming solar power into electric power.

It utilizes infinite and clean solar power with no emission of carbon dioxide when generating.

We consider that a product is environ-

ment-friendly when it recovers energy used in the manufacturing of the product, as soon as possible.

The period of time in which energy is recovered is called "Energy Payback Time (EPT) ". EPT of "Ecolony" are 2.1 years, one of the shortest periods in various kinds of photovoltaic power genera-

tion systems. Some housing complexes in which "Ecolony" was adopted in all the houses were already constructed, forming environment-friendly towns.

