



# Renewable Energy : Bring Unity and Warmth to the Disaster Affected Area



Here are examples of our further plan for delivering renewable energy facilities.

 Solar Power  
 Biomass  
 Solar Heat  
**Current Achievements:**  
 115 locations installed  
 (as of September 7, 2011)

Some areas are still in the dark at night due to a problem with street lights even after electricity is restored. If a solar-powered light is installed, it can help children walk around safely.

Installing on nursery schools, we support activities of the schools so that parents can securely let their children go there. It also gives an opportunity for the children who will lead the future world to experience the renewable energy.

Installing on the schools or meeting places that offer evacuation centers or local disaster-prevention centers, we ensure a network access, emergency lights, daily use water and hot water even when a lifeline is damaged.

Installing on temporary housings, we help those who are affected save their energy costs and help them live stably.

Disaster Relief powered by the sun and biomass

## East Japan Earthquake “Tsunagari Nukumori Project”

(Tsunagari : Unity Nukumori : Warmth and care)

<Supporting Organizations>

Renewable Hydrogen Network, Woody Biomass Iwate, Ecomesse, Energy Green CO.Ltd., FoE Japan, Association of Okayama Future Energy, Hibana CO.Ltd., Green Peace Japan, Gurutto, Institute for Sustainable Energy Policies(ISEP), Renewable Energy Business Cooperative REXTA, Solar System Development Association(SSDA), Solar Net, Ecology Yume-Kikaku, Biomass Industrial Society Network (BIN), Fukushima Maki Net, Mori to Kaze no Gakkou, Wakame No Kai, Earth Day Tokyo Tower, Community/Think Tank Owls, WWF Japan, Japan Solar Energy Education Association(JSEA), Network Earth Village, The Tohoku Water & Environment Network, Wood Energy Industrial Network(WEIN)  
 (as of July 15, 2011 )

**Donate Now!**

[www.tsunagari-nukumori.mizunet.org](http://www.tsunagari-nukumori.mizunet.org)

[Twitter Account] @TunaNukuP

[Facebook] <http://www.facebook.com/tsunagari.nukumori>

We are delivering electricity, hot water and hot baths powered by renewable energy to the disaster-affected areas.



## Solar Power

Provide electricity and bring the light!  
Cooperating with local communities in the affected areas, we will install solar power generating systems at evacuation centers, nursery schools and temporary housings. With 350,000 JPY (around 4,375 USD), we can install a 1kWp solar power system (a kind that has no battery) which can supply enough electricity for using most home electronics. In addition, a bigger system, a kind that has a battery or a solar-powered light is also available. (Supporting organization: Renewable Energy Business Cooperative REXTA)



## Solar Heat Hot Water System

Support people in their daily life!  
Some affected areas are still without a bath nor a shower. We will provide evacuation centers, public facilities and temporary housings with hot water from solar heat that has 50 to 60° C on sunny days. It will enable those who are affected to save their energy costs. (Supporting organization: Gurutto)



## Biomass Energy

Provide hot baths!  
Some affected people gather the waste woods resulted from tsunami and make wood chips from them. These wood chips are used to provide a hot bath service powered by a wood chip boiler. In the future, we will also install biomass boilers, wood chip heaters and wood pellet heaters on evacuation centers. (Supporting organizations: Woody Biomass Iwate etc.)



We heartily appreciate your donations so that we can install as many facilities as possible.

- ① Access the project website
- ② Check the 3 energy courses offered (solar power, solar heat, biomass) and click "donation form"
- ③ A donation form will open. Fill out necessary areas
- ④ Your donation will be in the aid project and reach an affected area.

※ To those who can not access the project website. Please send a fax, first with your name, contact details, amount of donation, and whether or not you require a receipt. Then, please make a telegraphic transfer of your donation to either bank below.

<Details of Bank account>

Bank name: Bank of Tokyo-Mitsubishi UFJ  
Branch name: Nakano Ekimae (#: 552)  
Account holder: NPO ISEP Institute for Sustainable Energy-Polished Donation (no name)

■ Bank name: 77 Bank

Branch name: Main branch(#:100)

Account number: 7997761

Account holder: (NPO) The Tohoku Water Environment Network

Tsunagari Nukumori Project Board Rep.

Tatsuro Arakawa

<Contact Us>

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