

Citizens Awareness Network's Vision

CAN envisions a future of safety, prosperity, and health for all

Where people generate electricity for their own homes and communities

Where local energy production and conservation create new local jobs

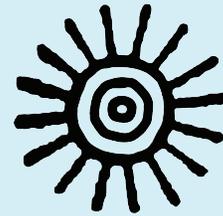
Where renewable energy is integrated into all of our homes and public buildings

Where it is easy for everyone to access sustainable and affordable energy sources

Where clean, efficient energy use is standard practice

Where locally owned businesses and family farms are the backbone of our communities

And we have what we need to provide for our future



CITIZENS
AWARENESS
NETWORK

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Searsburg, VT

ACT TODAY TO CHANGE TOMORROW

MAKE SUSTAINABLE ENERGY A REALITY.



Be Part of the Solution...

We Can Replace VERMONT YANKEE!

Renewables can reliably generate as much energy as conventional fuels without producing carbon emissions or radioactive waste.

Renewables can replace fossil fuels and nuclear power. It is technically and economically feasible for a diverse mix of existing renewables to meet our energy needs. A European Renewable Energy Council Report (2004) concluded that renewables could meet power needs, providing 50% of the world's primary energy by 2040. Shell Oil Studies found that 1/3-1/2 of the world's energy can come from renewables by 2050. This does not include the use of conservation and efficiency that is estimated to reduce energy consumption by 20%.

Nuclear Power Is No Answer To Climate Change

Too Much Pollution in the Nuclear Fuel Cycle:

The many steps required to make uranium suitable for nuclear reactor use—mining, milling, conversion, enrichment, fuel fabrication—all involve the use of fossil fuels as well as poisoning communities with radioactive and chemical pollution.

Nuclear Power Contributes To Global Warming

Although reactors themselves release few greenhouse gases, the nuclear fuel cycle is a significant contributor. In 2001, U.S. Enrichment Corporation, which enriches uranium for reactor fuel, released 93% of all U.S. emissions of a potent greenhouse gas, CFC-114. Enrichment facilities are so energy intensive that some of the nation's dirty, old coal plants exist just to power the nuclear fuel facilities.

Remember The Cleanest Energy Is the Energy You Never Use

Energy efficiency and conservation are the easiest ways to bring down your energy bills.

1. Renewables Produce Virtually No Greenhouse Gases and Can Effectively Address Climate Change.

Renewable technologies can address climate change more quickly and economically than nuclear power, and without creating more toxic waste. According to the National Renewable Energy Laboratory, the entire U.S. electricity demand could be met by renewable energy resources by 2020. The combination of wind, solar, advanced hydro, biomass and geothermal energy could completely meet U. S. electricity needs.

2. Wind Energy Could Generate Enough Energy to Power the World!

Stanford University concluded that wind at specific locations could generate more than enough energy to meet world demands. U.S. Pacific Northwest Laboratory (Department of Energy) evaluating wind potential estimated that land-based wind across the U.S. is capable of producing almost 1.5 times current U.S. annual electricity use.

3. Solar Energy Potential is Enormous!

Every hour more energy strikes the surface of the Earth than is consumed globally in a year. Recent developments in solar technology now produce affordable, thin film panels capable of producing electricity at a much higher efficiency rate.

4. Advanced Hydro:

Hydropower provides 10% of electricity generation in the U.S. Large dams which caused environmental damage can be deconstructed or retrofitted with smaller systems with advanced turbine designs. These advanced systems according to DOE, can be applied at more than 80% of existing hydropower sites. Advanced hydro reduces the impact on fish and fish migration, and mitigates sediment and water quality problems.

5. Efficiency is Easy and Simple for a Clean Energy Future.

In 1993, the U.S. Office of Technology Assessment estimated that the U.S. could reduce its electricity use 20-45% through improvements in heating, ventilation, and air conditioning, more efficient refrigerators and other appliances, lighting systems, and increased building insulation.

Tomorrow Can Be Today...

We have a great opportunity to make Vermont a truly green state. We need your help to do it.

The Vermont State legislature has the power to create a Renewable Energy Portfolio in the 2007 Legislative session that mandates 25% renewable energy generation by 2012 and 40% by 2018.

But they need you to help them.

The Vermont State Legislature needs to hear from you. Each and every citizen needs to keep the pressure on. Green energy must be our reality.

Instead of a legacy of toxic nuclear waste on the banks of the Connecticut River, we can replace Vermont Yankee, end our dependence on nuclear power and choose a clean, sustainable future for our children.

Contact your legislators and let them know that nuclear power is neither clean nor green and that you want a strong renewable energy portfolio for Vermont.

Go to www.nukebusters.org/13.0.html in the right column for a listing of VT State Legislators or Action Alert.

Call Chris Williams (802) 767-9131 for the latest update.