

TOP 10 REASONS A ZENERGY SYSTEM IS

The future of energy, now.



THE SENSIBLE SOLUTION NOW

1. SAFE, CLEAN, CONVENIENT BACKUP POWER.

With the Zenergy solar or wind system with a back-up battery option, you'll have the peace of mind of knowing that if the utility power goes out, you can still run important electrical equipment, such as low-watt lights, your refrigerator and/or your laptop computer. We'll install automatic switches so that the power transfers automatically from "grid" to "renewable." That means no complicated generator set-up in the middle of the night, no noise, no toxic fumes to worry about, and no need for gas to keep the power running! Just silent, clean, worry-free back-up power.

2. A SECURE FINANCIAL INVESTMENT.

In these uncertain economic times, it's nice to know there's a safe place to put your money that you can be certain will give you a return on investment. The cost of electricity is expected to continually rise, while renewable energy credits and local "distributed generation" electricity are predicted to become valuable new commodities. A typical Zenergy system can currently pay for itself in 15-20 years, but that time is expected to get shorter as these factors come into play.

3. THE TIME IS RIGHT—30% TAX CREDIT AND MANY OTHER NEW FINANCIAL INCENTIVES AVAILABLE [NOW](#).

Act now and make the return on investment even faster—the recent stimulus bill provides several incentives for renewable energy investments, including a 30% tax credit, accelerated depreciation, USDA grants, and more. Many utility companies and states have or are exploring additional incentives for this year, as well.

4. ACTIONS SPEAK LOUDER THAN WORDS.

Whether you're a parent trying to teach conservation to your children, or a business trying to become more green, a Zenergy system is a very visible way to demonstrate your commitment to improving the environment.

5. LOCATION, LOCATION, LOCATION.

Rural property can be an ideal location for a small wind/solar Zenergy system as the sites often have few obstructions. The windy Midwest has been referred to as the "Saudi Arabia of wind power" and has surprisingly good solar resources, as well.

6. GET READY FOR THE FUTURE.

The electric company of the future will look much different from today's. Meeting peak power demands will become even more challenging with rising demand for electricity. In addition, renewable energy credits will become increasingly valuable as utilities strive to meet state and national renewable energy standards. Future "smart grid" technologies will enable you to sell your excess power at a premium price.

NOT TO MENTION.....IT'S SIMPLY THE RIGHT THING TO DO.

7. REDUCE POLLUTION SUCH AS MERCURY IN OUR LAKES AND SMOG IN THE AIR.

Minnesota produces 93,000 tons of emissions annually to make our electricity. The number of air quality alerts and mercury warnings for lakes continues to increase despite ambitious efforts at pollution control, and coal-generated electricity is a big cause. A standard 2 kW Zenergy system will prevent up to 3,650 pounds of greenhouse gasses from going into our environment each year.

8. SAVE VALUABLE NATURAL RESOURCES FOR OUR CHILDREN.

Consider this: Coal Creek Station in ND (only 1 of several used by MN) burns **950 tons of coal per hour** to make electricity. The same plant consumes **858,000 gallons of water per hour**. These are increasingly valuable non-renewable resources that future generations will likely be battling over. Let's lead the way to a brighter and more secure future for them.

9. INCREASE OUR HOMELAND SECURITY.

Our dependence on hostile foreign countries for our nation's energy leaves us quite vulnerable. Renewable electricity is one of many ways the United States can start producing our own homegrown energy. Also, there is evidence that terrorist organizations are considering an attack on the power grid. During a cascading failure, in which high-load substations fail in sequence, the failure of only 2 percent of certain strategic points along the system would cause a catastrophic failure of the entire system. A grid with "distributed generation" throughout is much more resistant to attack.

10. HELP STIMULATE THE STRUGGLING ECONOMY.

In a 2011 study conducted by McGraw Hill, "green jobs" accounted for one-third of the design and construction workforce, a group that was hard-hit by the recession and includes architects, engineers and contractors. By 2030, more than 17 percent of all anticipated U.S. employment could be generated from the RE&EE industries. Minnesota is poised to be a major player with our mining, manufacturing, transportation and research infrastructure already well-positioned for this emerging market.

THINK ABOUT IT.....IT JUST MAKES SENSE!



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