

Renewable Engineered Systems: Saving Energy and Costs

by Beth Davis

Even as a kid, Brian Brown was fascinated with electricity. He would take things apart, and then put them back together just so he could see the inner workings. His hobby carried him into adulthood, where he invented all sorts of renewable-energy products, then brokered them on eBay. Soon his wife, Helenmary, was encouraging him to make a business out of it.

Helenmary says the two realized the need for renewable-energy solutions that were both affordable and high-quality. In 2007, the husband-and-wife team launched Renewable Engineered Systems (RES) out of their home in Martinsville, with Helenmary as the CEO and majority owner and Brian as president. It's a company dynamic that Brian embraces.

"Helenmary was really instrumental in getting this business off the ground—taking care of all the details, from the company name, logo, products and the working environment," he explains. "And now, she is instrumental in making sure it keeps running. She takes care of the details, while I'm the visionary."

RES is a full-service, renewable-energy company that focuses on alternative-energy products in the fields of solar, wind, LED-lighting and micro-hydro-power technologies for residential, commercial and government applications. RES seeks to help consumers reduce their dependence on foreign oil and fossil fuels in the U.S.



"It is important to us that we help provide our customers with the peace of mind and energy independence they seek, while also helping them to increase their property value, save money and contribute to a cleaner environment," notes Helenmary.

The firm offers a wide variety of products and services designed to fit every need and every budget—from solar panels, LEDs and windjammer turbines to solar lighting, wind energy, survivor power systems and green outlets.

The Survivor Power System, for instance, is a basic alternative that is versatile and affordable. It features portable solar generators, small solar-cell panels and flexible PV panels designed to meet emergency needs.

The Green Outlet System is another creative solution to bring consumers closer to independence from fossil fuels. According to Brian,

Green Outlets offers great possibilities for new and existing construction. "Green outlets can be designated within a system to provide power, even when the power is off," he says. "Those outlets will be exclusively tied to the renewable generator, and will never be 'out.'"

For those interested in solar panels but who are not quite ready to make the full commitment, RES has designed a modular system, which allows homeowners to start small. The company installs the initial panels, then adds more as the customer desires.

The Browns say going solar is easy; RES does everything in-house from design to installation. Plus, they say, it is a lot more affordable than most people think and can even be financed at a fixed rate, unlike rising utility rates. In addition, the payment is often cheaper than what customers normally pay utility companies. Federal tax credits and incentives are also available.

"So, not only can you save money by reducing or eliminating your electric bill, but you generate your own clean electricity," comments Brian.

He says other benefits include a 25-year warranty on solar panels, a fixed electricity cost over the next 40 years, a monthly positive cash flow from day one, and the opportunity to invest money into the home, not the utility company.

For both Brian and Helenmary, giving people the opportunity to be a part of the future and ahead of the curve is a great feeling. "Once a home goes online and a client immediately begins saving energy and money, it just puts a smile on my face," Helenmary says.

Renewable Engineered Systems is located at 22 East Church Street in Martinsville. For more information, call 276-403-5111 or visit R-E-S.biz or SurvivorPowerSystems.com.

