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## Press Release

Contact:

Diana Echeverria  
 Director of Public Relations  
 Guy Rome & Associates, Inc.  
 208-345-4143

*Scientific Breakthrough Liberates Energy Users from Fossil Fuel Dependence*

*Technology breakthrough harnesses energy from the molecular structure of water*

BOISE, ID - Dec. 5, 2002 - Genesis World Energy, a privately funded consortium created by a group of military and space program research and development specialists, today unveiled a scientific breakthrough that allows consumers to easily access the energy contained within the hydrogen and oxygen molecular structure of ordinary water. This scientific breakthrough provides a limitless, low cost and environmentally clean source of energy that can be implemented with minimal cost and effort. The viability of using water as an energy source, previously a theoretical concept, is now a reality. "Water has always been the source of life on this planet, now it will also transform the way we create energy," said Charles Shaw, corporate counsel and spokesperson for Genesis World Energy. "The implications for worldwide energy generation and consumption are nothing less than staggering."

### The Genesis Project

The technology is the result of nearly two years of continuous effort by a team of more than 400 visionaries from a wide spectrum of disciplines, including science, technology and engineering. Assembled as the "Genesis Project," the team discovered a way to extract far more energy from water than the extraction process itself required; differentiating this new fuel cell technology from any other development efforts thus far. The key component of the Genesis Project technology is the Genesis gCell, which through a series of electro-chemical processes separates hydrogen and oxygen molecules in water. The resulting gas molecules can either be burned cleanly as a replacement for natural gas or various other traditional forms of fuel, or may be remarried within Genesis eCells (an advanced fuel cell) to generate large amounts of electrical current. When both Genesis gCells and eCells are combined, the entire process becomes self-generating, recycling both water and electricity from the molecular reattachment phase. A more detailed description of the process can be found in the Genesis World Energy web site [www.genesisworldenergy.org](http://www.genesisworldenergy.org).

### The Edison Device

The first application of this technology is represented in the "Edison Device," a self-contained, self-sustaining energy generation unit. Roughly the size of an outdoor air conditioning system, the power source can be quickly and easily installed in any home or business to provide virtually unlimited energy from any available water source. The Edison Device utilizes the existing electrical wiring and natural gas plumbing in a home or business to replace the energy provided by utility companies. The home version of the Edison Device produces approximately 30 kilowatts of combined gas and electrical energy per day. By comparison, the typical home uses between five to six kilowatts per day. The commercial model is capable of producing 100 kilowatts of energy per day. The energy generation portion of the devices has no moving parts. In fact, the only "mechanical" aspects of the equipment are small circulation pumps and micro-valves, making the Edison Device both silent and virtually maintenance-free. A minimum amount of water is used over an estimated 20+ years of service life.

### Market Ready

The commercialization of the devices is the responsibility of two business entities, Genesis World Energy and World Energy Management. Genesis World Energy is a technology development, production and supply consortium, while World Energy Management functions as the exclusive licensing representative for the worldwide distribution of Edison Devices.

According to Nejhla Shaw, World Energy Management President, "We will make Edison Devices rapidly available to governments and industries on a worldwide basis, with special licensing opportunities for those industries that will be most affected by the technology. For the first time in the history of the world, a clean and abundant source of renewable energy is as simple as the attachment of three wires, a gas line and a water hose."

[Background Information](#)

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