

Meyer uses sun, air, water to power car and home



Record photo by Stan McCarley

Solar Silo

This silo is made up of small crystals that redirects light into a storage system at the base. Pictured on far left is the electrical box.

By STAN McCARLEY

A car that runs on water! Not only possible but probable. Stanley Meyer has come up with a series of inventions, including a revolutionary hydrogen generator system that when fitted to an ordinary automobile will allow it to run on water.

And this is just the latest in a long line of discoveries for Meyer.

Since 1976 he has been working on "an independent energy source."

Now he has completed a system that will produce total electricity plus heat for a hot water tank at the home of Bob and Valerie Hughes, 222 Marian Drive.

The system is an integrated design, using many parts working together, plus the resources of sun, air, and water.

The basic system breaks water into components hydrogen and oxygen, then renders the hydrogen gas safer than natural gas.

In building the energy system Meyer invented some amazing new devices which also led to discovery of the water-powered car concept.

Meyer came up with a new steam engine which has a larger torque capacity and only one moving part, making it very efficient.

A conventional car engine must be replaced about every three months, Meyer said. With his steam engine the hope is for 20 years of problem free service.

Meyer also came up with a solar storage system that stores energy in parts and an efficient "pellet power delivery system."

Two of Meyer's most important inventions were the hydrogen generator system that converts water into hydrogen and oxygen, and a water injector which renders the hydrogen gas safer than natural gas.

"With the old hydrogen system the cost for one million BTU's of energy would be \$15 to \$20," Meyer said. "We can produce one million for one-thousandth of one cent," he added.

Meyer has patents for his devices, which he says proves two things. "It shows we have what we say we have and that we own and control the technology."

In this case Meyer has had the help of the United States government. "The President has issued a statement that says anyone working on new energy systems gets priority treatment from the U.S. patent office," Meyer explains.

One aspect that Meyer constantly emphasizes is that his system can be implemented very quickly should the energy situation get out of hand.

"Every aspect of the system, every technology, is different, but proven," Meyer said. "It includes mass production, power on demand, and instant energy systems for delivery. The system can go right to the people," he added.

Meyer is extremely excited about his involvement in the Future Fuels Challenge Rally October 17th.

The "Future Fuels Challenge Rally" which will run from Columbus to Rochester, N.Y., will have 55 cars entered. Several of these will run on hydrogen instead of gasoline and others will run on natural gas.

"We are developing the world's largest gas engine company in the U.S.," Meyer said. "We have had help from the automotive industry, electrical utilities, and colleges at the U.S. Energy Center Conference in Washington which helped Meyer in his research."

"How you prepare is twofold. One is to demonstrate the fact that we have a car that runs on water," Meyer said. Secondly is communication. "If 200 million people know what we're doing it guarantees us a market place."

Meyer does need support from the community though. Many people have helped him work on his inventions. Here are the "weekend warriors" of Meyer's staff.

But what Meyer needs now is sponsors for the race, so that he can enter it and ultimately finish the race. Anyone interested in helping Meyer's cause should contact him at his Hughes home, 222 Marian Ave.

Many people, including businessmen and government, would never give Meyer the start that he had, he would give up.

"Our system is twofold. One is to demonstrate the fact that we have a car that runs on water," Meyer said.

He saw problems developing.

Now 57 percent of all oil is imported, most of it from Arab countries. In 1980 the United States will pay \$80 billion for energy, Meyer says. The U.S. cannot support that kind of expenditure, he adds.

Meyer believes that "if you can take over the energy base of a country you can take over that country without firing a shot. That's why we're putting the system in."

Meyer has moved for speed in implementation, efficiency, and low cost.

"Ordinarily it would take industry 10 to 15 years to develop one single product," Meyer said. "It took us four years to develop many major components."

The system is so designed that it can be used in private and industrial areas. "We have solved tremendous mass production costs," Meyer said. "We solved one problem that would have cost industry about \$600 million to solve. We solved it for 15%."

Other benefits of Meyer's work include the end of steel manufacturing and chemicals. A big help for the Ohio coal industry.

Meyer's invention is also known as an independent fuel system that will provide clean energy for the first time and give it back to this nation.

Meyer's approach includes combining hydrogen generation, electrical generation, and developing an electric battery system, as well as utilizing solar power. Meyer said that he has worked on developing a solar powered house and hydrogen powered car for 13 years. He now has a system that will generate tremendous power and will be available to the community at the lowest cost.

"We had to convince the automotive industry, electrical industry, battery manufacturers, and the federal government to help us with our research. The U.S. cannot support energy use as it is now."

"But Meyer is now ready for the future. We believe that the system has real potential and with enough energy, we could have enough cars to solve our problems in Ohio and the world," Meyer said.

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