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A NATIONAL CONTINGENCY PLAN FOR VEHICULAR GASIFICATION

ECAR, the **U.S. Wood Fuel Demonstration Vehicle**, will soon complete another cross country test run. The first having been, East to West in 1979, and today, 33 years later, **Key West to Maine and the Canadian Maritime Provinces**. The technological impact of these **two 2,500 mile jaunts** was squared by the use of wood as the **only fuel**--absolutely **no gasoline** or other conventional fuels were used.

This new cross country tour backed by the unprecedented early accomplishments, 33 years of research and development plus our real-world, hands-on experience should prove **ECAR** to be the **world leader** in **wood fuel conversion for conventional automobiles**.

The Entire thrust of the ECAR effort is the ultimate creation of:

A NATIONAL CONTINGENCY PLAN for VEHICULAR GASIFICATION.

Today, in history's most unstable energy environment, **we have no plan** to take advantage of the **long proven** use of **wood gasification** of as a fuel source for conventional vehicles.

WW II thrust Europe into a fuel catastrophe with possibly but one positive outcome: the explosive growth of a long known but little understood method of **converting wood into a gaseous form of fuel**. This workable but burdensome system was capable of fueling conventional **automobiles, trucks, busses, tractors** and/or any mobile or stationary internal combustion engines—including diesels.

By wars end over a **million wood powered vehicles** were carrying out virtually all non-military transportation duties. All now agreed that this herculean effort contributed to the independence of entire nations, a shortening of the war and the saving of millions of lives. The same is true of Asia.

ECON / ECAR proposal:

The formulation of a **nation emergency plan** for the **production and use of alternate fuel** from our abundant national, renewable resource: **forest and agricultural residue**, along with much of our inert land fill material.

Such a plan must include continuing technical research toward improving the system, an impact study, a supply and distribution system, as well as updated plans and specifications for the hardware to be submitted to potential industrial sources if need be. A list of the potential manufacturers must be continually be updated.

The use of residual biomass and the inherent difficulties of this system will assure any significant impact on our forest resources.