

GSS FLEX-FUEL, POLY-HYBRID ENGINE (FPE)

STATEMENT OF THE PURPOSE

GSS FP engines are designed to make a humble contribution to the following objectives:

- 1. High performing poly-hybrid engines are meant to significantly reduce dependence on dwindling supplies of fossil fuel resources along with reduction in the associated environmental problems and concerns like global warming.
- 2. To make US a net exporter of oil in about 10 years, at the present rate of domestic production of crude oil, or at least self sufficient by the year 2020.
- 3. To achieve world peace by bringing about material changes needed to reduce the material causes of war. Historically fossil crude oil has been a factor in modern world wars. Though a small factor in World War I and relatively a bigger factor in World War II, but a major factor in desert storm of 1990. Desert Storm of 1990 was almost one hundred percent for fossil oil. Saddam Hussein wanted to capture Iran and Saudi Arabia to control the fossil oil resources. The US did not want Saddam, who was in Russian block, to be able to control American oil supplies.
- 4. This innovative technology would definitely contribute to set the economy on the rebound and we can divert more and more material resources and efforts to reduce misery in the human life. We can better fight poverty, hunger and disease in a world where growth of material resources is not keeping pace with the population explosion. Eventually we can hope to make an indirect humble contribution to the cause of human dignity and justice for all.

Benefits; GSS FP engine can humbly contribute to achieve the following benefits:

- Creation of a large number of jobs, both for manufacturing of GSS-FP engines and sub components. Additional creation of great number of jobs for research and development and eventually production of highly cost effective renewable fuel mixtures, based on a new approach. A big profit potential lies in the production and distribution system of newer kind of fuel mixtuAres, through existing gas stations. We will have the potential to become a leading auto manufacturing country, once again.
- 2. Our (US) crude oil import bill will vanish altogether; rather it may become negative if we become a net exporter of fossil oil.
- 3. Hopefully the cost of the new engines will be competitive or may be a little less than the conventional gasoline and diesel engines, with up to two times better fuel economy and better tail pipe emission. Fuel efficiency (including fossil fuel substitutions) can be further improved to more than three times with refinement of FP engines and further research on fuel mixtures containing renewable and waste derived fuels. We can become a big exporter of transport equipments and FPE driven power generators.