



Thrust Power Systems inc.
Thrust Horsepower Reaction Utilization Systems Technology

Thrust Power Systems, Inc is a company that is involved with the development of a novel approach that might suggest a way to incorporate electrical utility plants into our infrastructure in the future using liquid hydrogen as the fuel of choice which hopefully will reduce America's dependence on foreign sources of energy while concurrently reducing the rate of global warming and the associated ecological and weather that accompanies these phenomena. This project and concept is consistent with President Obama's call for **innovation with a Global perspective** ([Click here](#)) in the State of the Union address on Tuesday January 25, 2011.

The cost to construct, operate, maintain and manage the THRUST Architecture is substantially less than the cost per kilowatt hour than that of a conventional plant.

It is generally known by the readers of this summary that electricity (AC) is generated by the rotation of a rotor within a magnetic field that will generate three phase AC current. The reader is also aware that there are three primary systems in existence today that are used for rotating these rotors and commercially generating electricity. These primary systems are (1) water dams and the utilization (2) of coal, natural gas or some other petroleum based energy source and (3) nuclear fission to heat water that produces steam that will rotate a rotor.

Thrust Power Systems (whose acronym THRUST stands for “(T)hrust (H)orsepower (R)eaction (U)tilization (S)ystems (T)echnology” offers a fourth means by which to rotate a rotor which is through the utilization of turbojet engines mounted on the ends of moment (lever) arms. When thrust power is applied to the moment arms the moment arms will rotate a shaft which will in- turn be connected to a generator configuration that will generate electricity.

[Click here to sign up for our future newsletter.](#)

Our first goal is to provide a system that can be **(1) Constructed in less than three months after the construction site has been prepared** ([Click here for Optional Constructional Sequence Line Drawings](#)) that will also **(2) Accommodate “Cleaner” energy sources**. In addition our goal is to **(3) Develop a system which may be easily serviced and /or replaced with a minimum of down time for a unit**. Our goal also is to also **(4) Provide a system wherein waste gases will no longer be detrimental to the environment and (5) Wide variations in power requirements may be easily achieved.**

[*Click here for clarification as a response to a frequently asked question.*](#)

Our goal is not to redirect or compete with existing technological pursuits, but to augment existing efforts to fill open areas or voids within our infrastructure framework that would benefit from the Thrust technology and architecture, such as (1) a speed of construction time of less than three months ([*Optional Construction Sequence*](#)) (2) the production of up to 1,000 gallons of water per minute that contains sufficient heat energy that maybe advantageously used to generate additional electricity or other applications ([*Thermal Analysis*](#)). Also click on ([*Thrust as an Efficiency Enhancement Add On Unit*](#)), (3) accept a variety of fuels with a quick switch from either or to alcohol, hydrogen or regular turbojet fuel ([*Engine Suitability Calculators*](#)) by changing out only the turbojet engines that will accept the specific fuel of choice as dictated by economics, availability and other related factors.

[*Click Here for Actual Hardware Efficiency Test Data Results.*](#)

We did not develop the technology and test the proven practical operational effectiveness of the hydrogen turbine. We are only interested in taking the technology of this engine to the next level of application. These men designed and developed the proven technology and viability of this engine technology and it is hoped that their ground breaking work will not be buried but resurrected and taken to the next level.

Design Team Manager

Engine Developers

Management Team

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[*Twelve reasons why this project should move forward*](#)

We would be remiss if we did not mention that the Web-site for Thrust Power Systems(based upon a review of viewing and visiting statistics) is frequently visited by the "Russian Federation" who already has developed an engine (NK-86) that uses either hydrogen or natural gas. The United States does not have an engine with this capability. For example for the month of November alone (2011) they have made 2259 visits.

It is felt that this new THRUST architecture will find application as a supplement to existing utility plants and thereby prevent and reduce the number of blackouts as we enter the new era of climate change and utility plant requirements for additional power continue to increase.

[*The THRUST Architecture has become a world wide phenomena.*](#)

An analysis of our website traffic indicates as of this day, June 23, 2011, over 110 countries have indicated an interest in the Thrust Architecture. Upward scalability combined with multiple unit layout approaches among other considerations appear to be a driving factor in this regard.

[*To view the website traffic, \(only\) for the month of November 2011, please \(Click Here\)*](#)

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