

## **POWERGENIE™ Technical Progress Report (Update) April 24, 2008**

During 2007, MPI was proud to have achieved Proof-of-Concept prototypes of the fuel-free generator family now known as POWERGENIE™ (*POWER Generation of Electricity by Nondestructive Interference of Energy*). The firm is currently developing POWERGENIE devices of advanced design. They are expected to be capable of producing a few watts of electricity on a self-sustaining basis.

With these demonstration devices, MPI will be ready to begin the commercialization process for POWERGENIE generators as a scalable power source, analogous to an inexhaustible electric battery. That is, POWERGENIE provides a constant alternating current (AC) voltage source, with arbitrary current supplied below a certain maximum power. POWERGENIE technology already demonstrates this "constant voltage" output signature characteristic of existing batteries and high-power electrical generators. (See the MPI website Article: A New Type of Electrical Generator).

While current prototypes demonstrate electricity generation without damping or counter-force, (in rotary generators the usual result would be a slowing of rotation caused by back-torque), they do so inefficiently, due to sub-optimal materials. Third generation, solid-state units, under construction, employ better components and are expected to operate with greater efficiency.

MPI's POWERGENIE™ generator technology represents an unprecedented means of electrical generation achieved by converting a previously uncommercialized, renewable, abundant (but thus far little known) energy source. The experimental basis for this novel "reaction-less" behavior is now soundly demonstrated; the effect is genuine.

Further engineering can now apply this novel effect as a permanent, compact source of electricity in a wide variety of designs. Next generation solid-state units will be durable and robust, thereby able to withstand shock and abuse. Small scale generators, readily producing direct current (DC), will be an excellent fit for compact technologies such as laptop computers, cell phones and portable electronic devices. Larger ones will be able to run desktop computers and servers, as well as a wide variety of consumer devices.

MPI's generator technology exhibits electrical performance very similar to chemical batteries sourcing an electric current, except that the output voltage does not gradually decline with time, but remains indefinitely constant. Variations can readily be scaled to produce 1 kW of electricity. These 1 kW generators may consist of linked internal modules. These relatively compact units can be combined to fulfill larger power requirements.

Longer term, replacement of automobile engines with a POWERGENIE generator that occupies the space of traditional engines and fuel tanks is expected to yield 75-150 kW. This development will make possible fuel-free electric cars, trucks and buses that need no recharge.

Existing technology will make possible the wireless transfer of up to 150 kW of power from parked vehicles, powered by POWERGENIE generators, to the power grid (V2G). Automobiles will be transformed from declining value assets to revenue producing investments. They will be capable of providing back-up power to homes and business establishments during outages.

Eventually, linked modules will be able to produce any desired level of power, enabling a more efficient distributed power grid with reduced dependence on large scale power plant construction. POWERGENIE generators convert an abundant, renewable energy source that exists everywhere in the universe.

At MPI, we look forward to our next round of prototypes and welcome the opportunity to demonstrate the capabilities of this technology to qualified parties, including firms interested in licensing or joint venture. Please contact us to request a Non-Disclosure Agreement.