

June 17, 2016

Please insert this comment in the record of the June 17, 2016 meeting of the Nevada Legislative Energy Committee:

The Nevada Legislative Energy Committee typically focuses on conventional energy technologies such as solar, wind, geothermal and fossil fuels. The Committee should also learn about numerous alternative energy innovations and their potentially significant economic and environmental advantages over mainstream energy technologies.

The Alexander Library in North Las Vegas is currently hosting part of my exhibit "Gallery of Clean Energy Inventions". It displays summaries of 44 clean electricity generators, 20 advanced self-powered electric vehicle innovations, 26 radioactivity neutralization methods, 24 space travel innovations, 14 technical solutions to water shortages, and my own design of a torsion field school network. For a copy plus approximately 1000 pages of invention descriptions visit my website [padrak.com/vesperman](http://padrak.com/vesperman).

For example, a doughnut-shaped hydro-magnetic dynamo the size of a two-car garage apparently could generate half of Hoover Dam's 2080 megawatts without fuel nor pollution.

Included below is my two-page list of "Clean Energy Inventions".

Attached is inventor David Yurth's concept proposal for a "Technology R & D Innovation Center". He presents a thoughtful plan for proactively discovering, evaluating, developing and commercializing new energy technologies. Included are his summaries of seven 'bridge technologies' such as for example electronically shaded glass and a conical vortex heat exchange engine. He also includes summaries of eight 'advanced technologies' such as thin film power generating disks and self-recharging gel cells.

Gary Vesperman  
588 Lake Huron Lane  
Boulder City, NV 89005-1018  
702-435-7947  
[garyvesperman@yahoo.com](mailto:garyvesperman@yahoo.com)

# Clean Energy Inventions

A portfolio of disruptive inventions has been accumulated after more than two decades of research and collaboration with numerous inventors, a few of whom are among the world's most productive. These inventions are so radical that some may require tens of millions of dollars each to fully exploit. \$1 billion would establish a comprehensive proactive clean energy inventions evaluation and development organization headquartered in Nevada. Divisions would include Board of Directors, Corporate Library, Consultants, Teaching Institute, Technical Evaluation and Advisory Board, and Incubator of Russian and Ukrainian Inventions.

**Larger Generators** – hydro-magnetic dynamo, focus fusion, hydrino generator, thorium power pack, Tesla's global wireless transmission of electrical power, Kiev, Ukraine's I.N. Frantsevich Institute of Problems of Materials Sciences (IPMS) thorium-232 energy accumulator, cosmic induction generator, colliding plasma toroid fusion reactor, wind turbine conversion, electrino fusion power reactor, induction coil coating increases generator output by one-third, Magnatron – light-activated cold fusion magnetic motor, Davis tidal turbine, magneto-gravitational converter (Searl effect generator), WIN zero point electrical energy converter, plasma biomass gasification, nano-membrane pyro-gasification process, high-temperature incinerator, gas-phase catalytic fusion, phase-conjugate-resonator Tesla coil, self-confined thermonuclear (ball lightning fusion) reactor, and direct energy conversion.

**Smaller Generators** – Casimir-layered electrodynamic generator, thin-film power generating disks, Testatika free energy machine, high-density charge clusters technology, energy catalyzer, cold fusion reactor with electric-to-thermal energy conversion, hybrid cold fusion hydrogen reactor, fiber-based cold fusion power cell, buried contact multijunction thin film solar cell, thermoelectric generator, converter of zero-point electromagnetic radiation to electrical energy, LANR, pulsed abnormal glow discharge reactor, self-recharging energy generating gel cells, electronically shaded photo-voltaic glass, MulTask Dome multiple-output omnidirectional solar power generator, high-expansion magnetohydrodynamic liquid metal generator, Power Chip thermo-ionic generator, electrostatic frequency generator, multifactorial hydrogen reactor, protium H<sup>+</sup> stoichiometric hydrogen gas generator, solar-produced hydrogen turned into liquid Hy-Fuel, advanced solar photo-voltaic crystal lattice cells, Don Smith's generator, closed-loop phase-change gas system, geoexchange heat pump, self-recharging capacitive discharge thermal generator, ceramic electrodynamic wafer, solid-oxide fuel cell, splitter of water molecules, motionless electromagnetic generator, Richardson fuel-less electrical generator, Hawkings' generator of cold electricity, radiant energy pump/electricity generator, Hendershot magnetic motor, N-1 homopolar generator, atomic isotope generator, closed-path homopolar generator, switched energy resonant power system, high-voltage injection of rain water into cold fog, remediating nuclear waste with electron-captured protons with significant net energy gain, Nova phase change engine, laser-induced fusion in ultra-dense deuterium, magnetic drive generator, LUMELOID™ light-polarizing photovoltaic film, LEPCON™ femto diode photovoltaic glass sheet, AuroraTek's self-charging electric bike, OASIS electric power unit, Spiteri water pump, maximum velocity wind turbine, Bedini SG charger, Nova-Neal compression engine, cold fusion thermionic generator, and torsion field energy devices.

**Miscellaneous** – super-conductive manganite substrates, amplified ionization filtration technologies, Sola-Q self-focusing omnidirectional solar cooker, Aaftaab furnace, domestic lens, hydrosonic pump, IPMS-Chernovitsky super ceramics, IPMS micro-channels and filters, IPMS-Kiev and Arzamas-16 super magnets, capacitive step-down transformer, super steam technology, and new propulsion devices for space including electrino fusion power reactor, gravito magnetic device, space drive engine, Moe-Joe orgone energy cell, Mike Hansen's flying saucer engine, magnetic vortex drive engine, double magnetic fields plasma reactor, magneto-gravitational converter (Searl effect generator), microwave engine, electron spiral toroid Spheromak micro-fusion reactor (space launch costs reduced by 95%), nuclear electric rocket, David Burns' anti-gravity spacecraft, inertia-less craft and anti-gravity, atomic powered plasma rocket engine, tubular shaped interstellar space craft, Walden inertial propulsion system, and meta-stable helium.

**Advanced Self-Powered Electric Transportation Vehicles** – switched reluctance motor, fuel saver that nearly doubles miles per gallon of gasoline, Stanley A. Meyer’s water fuel cell-powered car, water-fueled internal combustion engine with Garrett electrolytic carburetor, Brown’s gas carburetor, water-to-energy electrolysis process, Richardson blade-less Tesla-type steam turbine, water engine, noble gas plasma engine, Clem over-unity vegetable oil engine, motive power generating device, multi-chambered rotary compression engine, closed-cycle Freon/rotary turbine, 90+ mpg carburetor, conical vortex heat exchange engine, four environmental heat engines, liquid electricity engine. Volcheck: engine powered by gas with unusual expansion properties, Muller motor/generator, conversion of aluminum internal combustion engines to magnetic motor, perm-mag motor, Walden amplified magnetic motor, other over-unity magnetic motors, orgone energy motor, torsion field radio, electric DC motor component which greatly increases efficiency, advanced computer-controlled suspension systems, monocoque (unibody) basalt/carbon fiber foam body/frame made with IPMS high-temperature gas plasma detonator, low-temperature diamond or titanium nitride coating of vehicle parts, Cool Chips thermo-ionic refrigerator, IPMS thermal electric cooling devices, compressed air-driven air conditioner/heater, melanin battery-generator, graphene polymer battery, salt water flow cell car, and one of more than a dozen candidate on-board fuel-less battery chargers.

**Batteries/Energy Accumulators** – solid-state Quantum High-Energy Density Storage or Retrieval (QUENSOR™) device, Casimir effect self-charging energy cell, Bedini battery charger, catalyst induced hydrino transition cell, Maxwell Technologies ultra-capacitor, IPMS crystal lattice energy storage/battery device, nickel-iron battery, Edwin Baldwin’s super-capacitor, nickel metal hydride batteries, solid-state lithium-ion batteries, liquid metal battery, John Hutchison’s self-charged battery, endless electric field generator, Brown nuclear battery, Joe’s orgone energy cell, Moe-Joe orgone energy cell, Yasunori Takahashi’s ultra-capacitor, thin-film electrolytic cells, organic quinine-based redox flow battery, graphene polymer battery, and torsion field energy storage applications.

**Radioactive Waste Treatment Methods** – electrino fusion power reactor, Purdue University patent, Hawkings’ generator makes yard-long white spark of cold electricity several inches in diameter - substances inserted in spark sometimes transmute to heavier elements, Gillembarado’s method, collective ion accelerator treats both solid and liquid nuclear waste, Radha Roy’s transmutation process, dematerialization devices A, B, C and D using highest powered positive ions ever, Russian process uses liquid lead bismuth to trigger transforming in the form of neutrons, Barker invented easiest, most effective, and least messy method for remediation of radioactive waste, Searl effect generator or David Burns’ anti-gravity spacecraft for one-way trips out of the solar system, implosion machine is electric arc welder modified to duplicate nature’s ball lightning, photo-deactivation using gamma rays, transmutation of low-level nuclear waste into glassy substance with super high voltage, 96% reduction of radioactivity by welding with Brown’s gas – further reduction is possible by utilizing liquefied Brown’s gas, combining Brown’s gas with bucking magnetic fields inside a plasma ball, Thomas Bearden’s electromagnetic conditioning method, accelerator-driven transmutation of waste, Brown’s gas-metal matrix process, photoremediation, ZIPP fusion process, RIPPLE fission process, low-energy nuclear transmutation electrolytic cells, plasma induced/injected transmutation, Kervran reactions, recovery of uranium from incinerated low-level radioactive waste using super-critical CO<sub>2</sub>, AmoTerra process, geomelting can encase nuclear waste in glass that is harder than concrete and lasts 200,000 years, higher group symmetry electrodynamics, plasma gasification melting, e.coli – Birmingham University, flame-free incineration in a catalyzer, John Hutchison’s raygun, fusion-fission hybrid reactor, Reich’s ‘oranur effect’ method, refresher-regenerator, graphene oxide, and low-energy nuclear remediation with ultra-low momentum neutron generator.

Gary Vesperman, 588 Lake Huron Lane, Boulder City, Nevada 89005-1018 702-435-7947  
garyvesperman@yahoo.com padrak.com/vesperman commutefaster.com/vesperman.html  
<http://the-door.net/the-colorado-center/radioactivity-neutralization-methods-and-more/>

The “Gallery of Clean Energy Inventions” pdf file is at <https://app.box.com/CLEANENERGYEXHIBIT>.