Charged Water Gas Electrolyzers

Moray B. King
Cluster Map of Web Hits

Google: water fuel

http://www.waterforfuel.com
http://www.waterfuelconverters.com
http://www.waterfuelcell.org

http://www.panacea-bocaf.org
http://www.h2earth.org
http://peswiki.com
YouTube: HHO

“HHO” results 1 - 20 of about 12,400

Also try: hho generator  hho gas  hydrogen fuel cell  oscilloscope  brown gas  hho fuel  hho car

HHO Mythbusters Explained
This video explains why the Mythbusters failed at their attempt to run a car on water.
hhoh2o.org

HHO SWISS INOX 4 SPIRAL CELL + GAS PRODUCTION TESTS
New spiral cell + test of all cells. The spiral is handmade and absorbs about 32 amps (12 volts) and when I have the casing active it goes to 44 ...

Playlist Results for HHO

Zero's VSPB HHO Cell Tutorial  (play all)
#54 tall HHO bubbler construction details (6:59)
#55 HHO bubbler final ass'y (5:48)
#92 EM Hybrid VSPB HHO cell (3:28)

26 videos  ZeroFossilFuel
Water as Fuel (via ZPE)
Sterling Allan


Play
Names for the Gas

- Brown’s Gas
- Stoichiometric Mixture $\text{H}_2$ and $\text{O}_2$
- HHO Gas (Atomic hydrogen, oxygen)
- Hydroxy
- “Electrically Expanded” Water
- Charged Water Gas Clusters

Wide open for other names…
Parallel Plate Electrolyzer
March Labs

25 LPM, 110 V, 18 A

http://www.marchlabs.com
B.E.S.T. Korea Co., LTD

http://www.browngas.com/eng_bestkorea/main_eng.htm
Denny Klein in the News

http://www.youtube.com/watch?v=6Rb_rDkwGnU
Nearly Everyone Believes

The Energy is from Hydrogen
Energy **Not** from Hydrogen

- **Big Anomalies:**
  - Cool Flame that Vaporizes Tungsten
  - Alters Radioactivity

- **Laboratory Analysis Find**
  - Little Hydrogen
  - Gaseous Charged Water Clusters
Source: Zero-Point Energy

• Charged Water Gas Clusters
• Similar to Plasma Charge Clusters
• Microscopic Ball Lightning
  Ken Shoulders
    - EV (Electrum Validum)
    - EVO (Exotic Vacuum Object)

• Cavity Quantum Electrodynamics (QED)
Net Energy Gain

• Condition Electrode Surface
  – Rough, sharp, pointy
  – White powdery layer (oxide?)
• Small gap between electrodes (< 1mm)
• No Electrolyte
• Low Current
• Pulsing Voltage
Huge Energy Gain

• Explosive Emission Mixture
  – Water Mist
  – Ionized Air
  – Inert Gas

• Stan Meyer Water Injector Plug
Goal

- Minimize input power
- Maximize gas production
Closed Loop System

Motor → Generator → Storage Capacitor → Switching Regulator → D.C. Port

Electrolyzer → Pulse Driver Circuit → Frequency Shifter

Self Running
Featured Researchers

- Yull Brown
- Ken Shoulders
- George Wiseman
- Chris Eckman
- T.V. Prevenslik
- Horace Heffner
- Bob Boyce
- Stan Meyer
- Stephen Chambers
- Paul Zigouras
- Dave Lawton
- Ravi Raju
- Patrick Kelly
Patrick J. Kelly
Practical Guide to Free-Energy Devices

• Free e-book online
• Well written
• Technical details
• 1700 pages
• 20 MB download
• Chapter 10 Vehicle Systems

http://www.free-energy-info.co.uk/
Energy Gain is Not From Hydrogen
Electrolysis

Cannot Yield Excess Energy
Violates Thermodynamics

Electrolysis:
\[ \text{H}_2\text{O} + E_1 \rightarrow \text{H}_2 + \text{O}_2 \]

Combustion:
\[ \text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O} + E_2 \]

Energy:
\[ E_1 > E_2 \]
Energy State

H₂

H₂O

H

H

H₂

Plasma
Run Car on Hydrogen

300 to 500 liters per minute

http://www.youtube.com/watch?v=7qzrl20VPCw
What is the energy source?
Energetic Vacuum

\[ \Delta E \Delta t > \frac{\hbar}{c} \]

Uncertainty Principle

Pair Production
Zero-Point Energy: Basis


The Zero-Point Energy is a Turbulent Virtual Plasma

“Quantum Foam”

Electric flux enters and leaves our 3D space through mini virtual particles that constantly appear and disappear.
Can Self-Organization be Triggered in the Quantum Foam?
Entropy
Everything decays to randomness
Ilya Prigogine

Under certain conditions self-organization may occur.
System Self-Organization

- Nonlinear
- Far From Equilibrium
- Energy Flux
ZPE from Hyperspace Flux
Everything Emerges from Collectives

A Different Universe
REINVENTING PHYSICS FROM THE BOTTOM DOWN
Robert B. Laughlin
WINNER OF THE NOBEL PRIZE IN PHYSICS
Principles for Cohering The Zero-Point Energy

• Highly Nonlinear System

• Abruptly Drive Far From Equilibrium

• Maximize ZPE Interaction Using
  – Ions
  – Vortex Forms
Vacuum Polarization
Conduction Electron Cloud

In equilibrium with ZPE
Vacuum Polarization of Nucleus

Can trigger self-organization in ZPE
Exotic, Coherent Vacuum States in Quantum Electrodynamics arise from heavy ion collisions

Plasma Ion Acoustic Oscillations

Manifest Energetic Anomalies
Ion Acoustic Activity Triggers Plasma Self-Organizational Modes

- Large radiant energy absorption
- High frequency spikes
- Runaway electrons
- Anomalous plasma heating

Ball Lightning Plasmoid

Electron Spiral Toroid

http://www.electronpowersystems.com/Technology.htm
Helical Flow in Plasmoid Vortex Ring Filament

Force Free Vortex Yields Natural Stability

Ken Shoulders
Launching Charge Cluster

Dielectric Plate
Anode
Sharp Cathode
Path
Witness Plate


http://www.svn.net/krscfs
Electrum Validum (EV)
Exotic Vacuum Object (EVO)

$10^{11}$ Electrons
$10^6$ Ions

e/m Ratio like electron
Contains excessive energy

Ken Shoulders, [http://wwwsvn.net/krscfs](http://wwwsvn.net/krscfs)
Charge Cluster Anomalies

- Adhere to dielectrics
- Many can clump into “necklace” formation
- Bore holes in ceramics (aluminum oxide)
- Disruption of electron bonds appears like melting
- Element Transmutation
- Radioactivity Reduction

Ken Shoulders, http://www.svn.net/krscf
Low Voltage Transmutation

http://www.svn.net/krscfs/ICCF-10+Low+Voltage+Nuclear+Transmutation.pdf
Nucleosynthesis

[Image of a ball with percentage distributions of various elements]

Nucleosynthesis

Charged Water Gas Clusters Can Also Cause Element Transmutation
George Wiseman

http://www.youtube.com/watch?v=E-dca5fVLTM&feature=related
Brown’s Gas Information

http://eagle-research.com
Cool Flame

130 deg C

http://www.youtube.com/watch?v=4wYY1V46YDQ
Does Not Boil Water

http://www.youtube.com/watch?v=wK85QQPAuiU
Vaporizes Tungsten

Melt 6192 deg F  Sublimate 10031 deg F

http://www.youtube.com/watch?v=NQ0yQKl6M-Q
# Temperatures

<table>
<thead>
<tr>
<th></th>
<th><strong>F</strong></th>
<th><strong>C</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tungsten</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melt</td>
<td>6192</td>
<td>3422</td>
</tr>
<tr>
<td>Vaporize</td>
<td>10031</td>
<td>5555</td>
</tr>
<tr>
<td><strong>Browns Gas</strong></td>
<td>266</td>
<td>130</td>
</tr>
<tr>
<td><strong>Torches</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetylene</td>
<td>5972</td>
<td>3300</td>
</tr>
<tr>
<td>Hydrogen arc</td>
<td>7232</td>
<td>4000</td>
</tr>
<tr>
<td>Cyanogen</td>
<td>8477</td>
<td>4525</td>
</tr>
<tr>
<td>Dicyanacetylene</td>
<td>9009</td>
<td>4987</td>
</tr>
</tbody>
</table>
Brown’s Gas Anomalies

- Adheres to matter (electrically polarized)
- Electric shock
- Implodes instead of explodes
- Cool flame
- Sublimates tungsten
- Cuts cleanly through wood, metal, ceramics
- Claims of neutralizing radioactive waste
- Claims of element transmutation


George Wiseman, [http://eagle-research.com](http://eagle-research.com)
Brown’s Gas Measurements
Chris Eckman

Electron Density (EDMA)

• Not Diatomic Hydrogen
• Not Monoatomic Hydrogen
• Gaseous Water with Excess Electrons

Thermal Imaging (InfraCAM SD)

• Flame Temperature 130 C (266 F)

SG Gas
New Isomer of Water O--HH

Rhodes and Brown’s gas are "dirty cocktails" with mixtures of gases including H₂ or O₂

http://www.wateriontechnologies.com
Water Gas Magnecule

Water Clusters
Water Cluster Architecture
Based on Gas Clathrates

Prof. Martin Chaplain, London South Bank University

http://www.lsbu.ac.uk/water/clathrate.html
Water Buckyballs

"WATER BUCKYBALLS"
CHEMICAL, CATALYTIC, BIOLOGICAL, AND COSMIC IMPLICATIONS

Professor Keith Johnson
Massachusetts Institute of Technology; kjohnson@mit.edu

http://www.watercluster.com/
Hydrated Electrons

Negatively Charged Water Clusters

Aggregates between liquid water and steam

http://www.lbl.gov/Science-Articles/Archive/CSD-hydrated-electrons.html
Coupling Zero-Point Energy into Water Clusters

Cavity Quantum Electrodynamics

QED
T.V. Prevenslik
Bubbles and Steam Electricity

- Steam Electricity
- Waterfall Ionization
- Thunder Cloud Charge Separation
- Sonoluminescence

http://www.esdjourn.com/techpapr/prevens/previndx.htm
Water Bubble, Cavity QED Model Coheres ZPE

Charge Separation: \[ \text{Hydronium} + \text{Hydroxyl} - \]

http://www.esdjournal.com/techpapr/prevens/previndx.htm
Bubble Cavity
Quantum Electrodynamics

• Zero-point energy activated
• Bubble wall collapse
• Continuously increases resonant frequency
• Acts like ultraviolet to x-ray laser
• Coincides with dissociation frequency of water molecule bonds

T.V. Prevenslik
http://www.esdjournal.com/techpapr/prevens/previndx.htm
Sonoluminescence

- Bluish light
- Ultrasonic excitation, water + argon
- Shock Waves: Bubble wall collapse
- Cavity QED resonance couples in ZPE
- Creates excimers: Ar*OH
- Emits photons when excimers decompose during rarefaction

T.V. Prevenslik

http://www.esdjournal.com/techpapr/prevens/previndx.htm
“Water Fuel” Projects

• **Boosters** – Improve gas mileage

• **Pure** – Run completely on water

• **Pure self-running** – Disconnect battery

  **Prove It!**
Pure "Water Fuel" Projects

Run Completely on Water

History
Charles Garrett
Electrolytic Carburetor

U.S. Patent  2,006,676 (1935)
William Rhoads
Multicell Oxyhydrogen Generator

U.S. Patent 3,310,483 (1967)
Yull Brown
Welding

U.S. Patent 4,014,777 (1977)
Bob Boyce

http://www.bobboyce.org/

70 Plates
3 mm gap
Boyce Electrolyzer

70 – 101 plates
3 mm gap
KOH electrolyte

Patrick Kelly, http://www.free-energy-info.co.uk/ Chap 10, p 75
Magnetic Alignment

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chap 10, p 85
Stanley Meyer

Documentary “It Runs on Water”
Narrated by Arthur C. Clark

http://waterpoweredcar.com/stanmeyer.html
Stanley Meyer

http://www.youtube.com/watch?v=nOGAkRkCWfA
Water Fuel Injector Plug

Stanley Meyer - Water Fuel Injector

http://www.youtube.com/watch?v=D7BAODqqcpQ
Explosive Water Discharge
Water Arc Explosions

Peter Graneau photographed plasmoid

Frank Znidarsic, Ball Lightning
http://www.angelfire.com/scifi2/zpt/chapter2.html
Shoot EV Into Water Vortex

EVO

Ceramic Block

Bore Hole

“EV Water Gun”

Powerful Pulse
Stanley Meyer

http://www.youtube.com/watch?v=QH32STcxveo
Stanley Meyer Murdered

- March 20, 1998
- Poisoned at restaurant
- Two Belgian “investors”
- Audio tape interviews of dozen witnesses
- Audio tapes of two Belgians missing

Dean Narciso, “The car that ran on water,” July 8, 2007

Google: Columbus Dispatch “Stanley Meyer”
Stephen Meyer

MLS-Hydroxyl Filling Station


http://www.panaceauniversity.org/ Patent 46
Meyer Water Injector

1 Water
2 Ionized Air
3 Rare Gas (argon)


http://www.rexresearch.com/meyerhy/2067735.htm
Meyer Water Injector

Canada Patent # 2,067,735

http://www.rexresearch.com/meyerhy/2067735.htm
Circuit for Injector

Canada Patent # 2,067,735

http://www.rexresearch.com/meyerhy/2067735.htm
Meyer Water Injector

Canada Patent # 2,067,735

http://www.rexresearch.com/meyerhy/2067735.htm
Xogen Power, Inc.
Xogen Technologies, Inc.

http://www.xogen.ca
Chambers Patents

- Up to 40 stainless steel electrodes
- 1 mm spacing, no electrolyte
- 10 – 250 KHz square wave
- 90% duty cycle
- 12 V, 0.3 amps (3.6 watts)
- Produces 1 psi of gas per minute
- Ran 1 KW Honda Generator
Paul Zigouras

Electrolyzer

http://www.panacea-bocaf.org/paulzigouras.htm
Paul Zigouras

• Water Car: 1998 Ford Crown Victoria
• 3 mpg city, 6 mpg highway
• Top speed 47 mph
• eBay auction electrolyzer circuit
• Suppression story:
  http://www.stmarystoday.com/News/Jarboe_031807.html

• Company:
  Old:  http://www.zigourasracing.com
  New:  http://zigourasengineering.com
Zigouras Electrodes

316L Stainless Steel Plates
Spacing 0.6 mm

Zigouras Sand Blasting

45 Degree Angle

40 – 45 Grit Silicon Carbide

Clean with Ammonia Solvent

316L Stainless Steel Plate
Zigouras Media Blaster
Zigouras Engineering

12 V DC       90 Amp      Tap Water       16 plates

http://www.youtube.com/watch?v=JosdqBMg_mK
Zigouras Electrolyzer

- Stainless steel 316L (nickel alloy)
- Sand blasted
- 32 parallel plates, spaced 0.6 mm
- 40 KHz square wave, 12 volts
- Frequency modulation: +1 to -3 KHz
- 3 second period
- Converted 2 gallons per minute

http://www.mail-archive.com/vortex-l@eskimo.com/msg18986.html
Vacuum of Venturi Feed

316L SS plates
0.025" space (0.6 mm)

316L SS square 40x40 mm

Successful Replications
Sharing of Details
Dave Lawton

Replicated Stan Meyer’s Electrolyzer

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chap 10, p 114
Dave Lawton

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chap 10, p 114
Lawton Concentric Cylinder Electrodes

316L Stainless Steel
Height  5 in
Diameters  1 in
            ¾ in
Gap  1/16 in
       (1.59 mm)

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/)  Chap 10, p 117
Lawton Original Driver Circuit

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chap 10, p 119
Lawton Simplified Driver Circuit

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chap 10, p121
Lawton Driver Circuit
Bifilar Ferrite Coil

Switching induces sharp, 1200 volt spikes

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chap 10, p125
Inductive “Kick”

\[ V = L \frac{di}{dt} \]
Lawton Driver with Coil and Load

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chap 10, p132
Ravi Raju

Conditioning Electrodes

http://www.hotlinkfiles.com/browse/srawofni/33693
Ravi Raju

Conditioning Electrodes

http://www.hotlinkfiles.com/browse/srawofni/33693
Conditioned Surface is White

Chromium Oxide?  Nickel Oxide?

## Conditioning in Tap Water

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Time (minutes)</th>
<th>Break Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>25</td>
<td>Stop 30</td>
</tr>
<tr>
<td>1</td>
<td>20</td>
<td>Stop 30</td>
</tr>
<tr>
<td>1.5</td>
<td>15</td>
<td>Stop 20</td>
</tr>
<tr>
<td>2</td>
<td>10</td>
<td>Stop 20</td>
</tr>
<tr>
<td>2.5</td>
<td>5</td>
<td>Stop 15</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Air dry 1 hour</td>
</tr>
</tbody>
</table>

**Change water, repeat cycle**

**1 Month**

Ravi Success

12 Volts  0.51 Amps  Pulsed

http://www.youtube.com/watch?v=-1lScTsHBkQ
Conditioning with Electrolyte

- Sandpaper 60 – 80 grit, cross hatch pattern
- Potassium hydroxide 5-10% solution
- Repeat until free of crud:
  - D.C. Voltage, 4 amps, several hours
  - Rinse with distilled water
  - Remove brownish residue from water
- 3 Days
- Steel exhibits rough, white surface
- After conditioning, electrolyte not needed

Patrick Kelly, [http://www.free-energy-info.co.uk/](http://www.free-energy-info.co.uk/) Chapter 10
Emitting Surface
Three Types of Bubbles

Hydrogen

Oxygen

Charged Water Gas Clusters

- Hydrogen

+ Oxygen
Tight Gap < 1 mm

Charged Water Gas Clusters

Hydrogen Atoms & Oxygen Atoms Join the cluster
Microscopic Sharp Pointed Surface

Would launch sparks in air at low pressure
Pure EV Launcher

(Cross Section of Cylinder)

- Cathode
- Dielectric Sheath
- Ion Repulsing Electrode
- Anode

Liquid Metal Protuberance

Glow Plasma

Point Cathode

Mesyats, Proc. 17th Int. Sym. on Discharges and Electrical Insulation in Vacuum, 720 (1996)
Explosive Emission

Glow Plasma

Liquid Metal Tip

Point Cathode
Launch vortex ring water clusters?
Huge Electric Field Across Thin Dielectric Layer

Bluish Green Glow

Electrode

Thin Oxide Layer

Electron Tunneling Proton Acceleration

Horace Heffner

http://www.mtaonline.net/~hheffner/GlowExper.pdf
Huge Electric Field Across Thin Dielectric Layer

- Semi Conductor Diode Behavior
- Polarization Stress
- Micro Dielectric Breakdown
- Abrupt Discharge Events
- Fractoemmission
- EVO Formation
- Charged Water Cluster Formation
Two Hypothesis for the Electrode Surface

• Rough, Sharp and Pointy

• Thin Dielectric Layer

What is the whitish material?
Sintered Stainless Steel

1 to 140 micron mesh

$8 swatch (1 x 1 inch)

http://www.twpinc.com
Study Electrode Pairs

316L Stainless Steel

- Sintered 10 micron
- Sintered 50 micron
- Sintered 100 micron
- KOH Conditioned
- Sand Blasted
- etc…
Electrode Competition:

Properly Conditioned

Versus

Poorly Conditioned
Zigouras Electrodes

Walter McNichols

http://www.youtube.com/watch?v=dkT9TpdlVzs
http://www.youtube.com/watch?v=ydEkV-E0mP8
Summary
Summary

- Pulsing electrolyzers make charge water gas clusters
- They exhibit anomalies similar to plasma charge clusters

- Energy **Not** from Hydrogen
- ZPE coupling occurs via Cavity QED
Simplest Electrolyzer

- Stainless steel electrodes (316L)
  - Rough, pointy surface
  - Clean, conditioned
- Small gap < 1 mm
- Electrical Drive: Large voltage spikes, minimize current
- Wobble frequency around 40 KHz
- Optimize gas output
Make Closed Loop System

Self Running
Change the World

- Create a self-running system
- Simplify it
- Post information on web

http://www.panacea-bocaf.org
http://tech.groups.yahoo.com/group/watercar/
http://peswiki.com
Quest For Zero Point Energy

Engineering Principles For "Free Energy"

Moray B. King

Tapping The Zero-Point Energy

How "Free Energy" and "Anti-Gravity" Might Be Possible with Today's Physics

Moray B. King

www.AdventuresUnlimitedPress.com
Questions?

Download this presentation from

Suppression

1. Academic (paradigm violation)
2. Block Funding
3. Block Patents
4. Litigation
5. Threats
6. Frame with Crime
7. Property Destruction
8. Assassination
Sources of Suppression

- Academic: Violates Paradigm
- Business: Eliminate Competition
- Black Operations: Security Issues
DISCLOSURE

MILITARY AND GOVERNMENT WITNESSES REVEAL THE GREATEST SECRETS IN MODERN HISTORY

STEVEN M. GREER M.D.

http://www.DisclosureProject.org