New Technologies From Start-up Companies

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Earn Volume Discount on Abundant Cheap Clean Energy

**Energy Industry**

- Sell Cheaper
  - 10x Cheaper Energy Supply
  - We Buy More
  - 20x More Energy Production
- Profits rise with Volume despite Price Decline
- Cultivate New Markets
- Streamline supply chain.
- Solving Security, Pollution

**Humanity:**
- Security
- Health
- Productivity
- Poverty Eliminated
- Comfort
- Freedom
- Water
- Food
- Robots,
  - Transportation
  - Biosecurity

**Biodiversity / Nature**

Decoupling most human needs from biosphere. Wild lands increase as biofuels end. No more Impoverished people raiding wild lands for meager incomes. Sprawl reduced as cities get even more attractive. Agricultural chemicals drastically decrease in favor of automation, surveillance and robotics. Robotic Invasive species control. Tourism builds Empathy.

**Losers:**
- Expensive Cleantech
  - Energy Efficiency Plays
  - Preachers of Austerity and Guilt
Nuclear is Dangerous Only to Fossil Fuel Businesses

<table>
<thead>
<tr>
<th>Power Density (W/m²)</th>
<th>2-3</th>
<th>10-20</th>
<th>1000-5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermittency</td>
<td>High</td>
<td>High</td>
<td>Low</td>
</tr>
<tr>
<td>Capacity Factor</td>
<td>10%-25%</td>
<td>24%-56%</td>
<td>90%</td>
</tr>
<tr>
<td>Stability Cost.</td>
<td>Carbon: 75%-90% Or nuclear 0</td>
<td>Carbon: 44%-76% Or Nuclear 0</td>
<td>0%</td>
</tr>
<tr>
<td>Frack Oil Gas Coal ($$) or Nuclear Baseload</td>
<td>Carbon: 75%-90% Or nuclear 0</td>
<td>Carbon: 44%-76% Or Nuclear 0</td>
<td>0%</td>
</tr>
<tr>
<td>Mineral &amp; Rad Waste</td>
<td>High</td>
<td>High</td>
<td>Low</td>
</tr>
</tbody>
</table>

Nuclear Synthetic Hydrocarbon Liquid Fuels Can Decarbonize Transportation with Zero Emissions Fuels, We Already Can Use!
Nuclear Saves Lives

GotNuclear.Net
990,134
TOTAL LIVES SAVED IN THE US
BY NUCLEAR POWER.

Nuclear energy already saved 300,000 lives in Japan

Japan’s Nuclear Power Plants
(As of August 2023)

Created by Nippon.com based on reference materials from the Agency for Natural Resources and Energy and power companies. Tókai and reactors 1 and 2 of Hamaoka, which were all set to be decommissioned prior to the 2011 Great East Japan Earthquake, are included in the map.

The numbers below the plant’s name indicate the years since it started operations.

Output
- Under 500,000 kW
- Under 1 million kW
- Meets new standards
- Over 1 million kW
- Under construction
- To be decommissioned

Resumed operation (incl. reactors offline for routine inspections)
Silicon Valley: Nuclear Fission of Business

Company Exit (IPO)
An innovative company succeeds
Fully Realizes Potential
No Growth Left

High Energy People
Founders and Early Employees.
Incentive Stock Option Cash
Domain Knowledge.
Track Record.
Reliable Partners
The Next Idea.

Start-Up Created
Experienced Entrepreneurs have freedom to pursue opportunity.

VC
Necessary Support for the Growth of Start-ups

Invest in this and probably lose.

Invest in 20 companies like this? Will probably win big.

Such companies exist, but are hard to pick. Less emphasis on current Financial metrics. More attention to: Physical science. Supply chain. Market conditions. They are incomplete. Need advice and partners.

The Angel Stage, before VC is poorly served.

An Optimal Portfolio requires a mix of low and high risk investments.

Our largest investors are prohibited from such investments. Without such bets Tech evolution STOPS. And Industrial Society Crumbles.

Beware the frenzy for Buzzword Compliant investments. Overbought? Hystria is not diligence.

Require Every Big Fund to make Some High Risk Investments. Big funds could cultivate a narrow area of competence, and Improve Earnings.