Steven,
As a nation we need to stop reacting to oil industries whims!
We need to take what we know about REAL* clean Alternative Energy technology like Hydrogen technologies and make it happen now!
*Nuclear is not clean!(ask the Japanese if Nuclear is Clean?)

When it comes to Hydrogen technologies, so many other governments around the world are committing substantial amounts subsides for Hydrogen technologies and have been moving forward with successful Hydrogen Energy Technology solutions.

Our government has not done enough to subsidize a logical Alternative energy solution, Hydrogen!
We should be the world leader in this effort, given the fact NASA and the DOD have been successfully using Hydrogen technologies for 50 years.
FACT:
"Putting a man on the moon in 1969 would not have been possible without fuel cells, which are highly efficient power generating systems that produce electricity. The high energy density of fuel cells compared to batteries reduced launch weight, and the water they generate provides drinking water for the astronauts. The first flight of the Apollo fuel cell power plant occurred in 1966 and there were 17 other missions, including the first lunar landing in July 1969. All the Shuttle missions used the same Fuel Cell technology up until the last flight recently"

Over a hundred years ago Henry Ford picked gasoline instead of Hydrogen, why? The size of the gas tank!
The technology to store gaseous Hydrogen is here! So what's the problem?
Infrastructure you say? You don't need the type of infrastructure that you need with gasoline.
All you need is a parking lot, a building electrolyzing water, methane from landfills, aerobic digester gas from treatment plants, bio gas from saw grass...etc..and Hydrade storage tanks which are very safe.
And a nice looking, easy to use pumps for the consumer to safely fill up in a NON toxic, cancer free fill-up environment.

Hydrogen technology solutions covers every aspect of our energy needs. Manufacturing, Small /Large Business, Technology Data Centers(Google), Schools(CalStateU's), Treatment plants(Use of anaerobic digester gas), Home, Transportation(Truck,Bus,Auto,Forklift) Portable Chargers...just to name a few. Most of these technologies are currently being used by NASA and the US Military.

Economic Thesis:
Energy Independence! Create local power distribution from States, cities and counties to provide a public benefit, nonprofit power supplier.
We can no longer trust the Behemoth Utilities and Energy companies that have share holders that they have to appease!
The current poorly funded grants and rebates for Alternative Energy should be replaced with substantial government assistance.
Also subsidize the rebuild and or upgrade of the national electricity grid system with smaller cell type power grids managed by states, cities and counties. Connect them to create a redundant collective public benefit, nonprofit power supplier, much like the Internet!

I propose that if the US Government was to subsidize states, city's, counties, agency's and non profit groups with **Energy Independence** in the form of fully subsidized Renewable Alternative Energy solutions! The following economic benefits would be realized:

1.Cost of energy would be substantially reduced. Saving potentially millions of dollars a year that can be spent on other needed services.
2. The Alternative energy products purchased from American manufactures would jump start a VC fueled DOT Com like economy.
3. Jobs would be created.
4. Increased manufacturing would reduce the cost for Alternative energy products making them more affordable to more private companies, producing more jobs.
5. The taxes that would be generated by this economic boom would cover the money spent on subsidized Renewable Alternative Energy solutions!

Renewable Alternative Energy solutions that have been proven:
"Hydrogen technologies should lead the way because of it's versatility"

1. Fuel cell is the most efficient and can make a big difference on taking the load off the aging grid. Fuel Cell is one of the oldest proven Alternative energy generators, being used by the military and NASA for last 50 years. Fuel Cell has also been proven in transportation applications, Buses, trucks and auto...etc
2. Wind mill technology has been around for 2 Milena and the wind farm has been around for 30 years. It has been proven to generate grid quality power.
3. Solar cell technology has been around for 60 years and has proven it self to able to generate grid quality power.

The last eight Presidents talked about getting us off of foreign oil using Alternative Energy, but none has done it!
President Obama and the Federal Government has the opportunity to truly make history!

Thank you for your time
Frank Gallagher
www.promotehydrogentech.org
Non profit hydrogen advocacy
Promoting Hydrogen technologies through Education