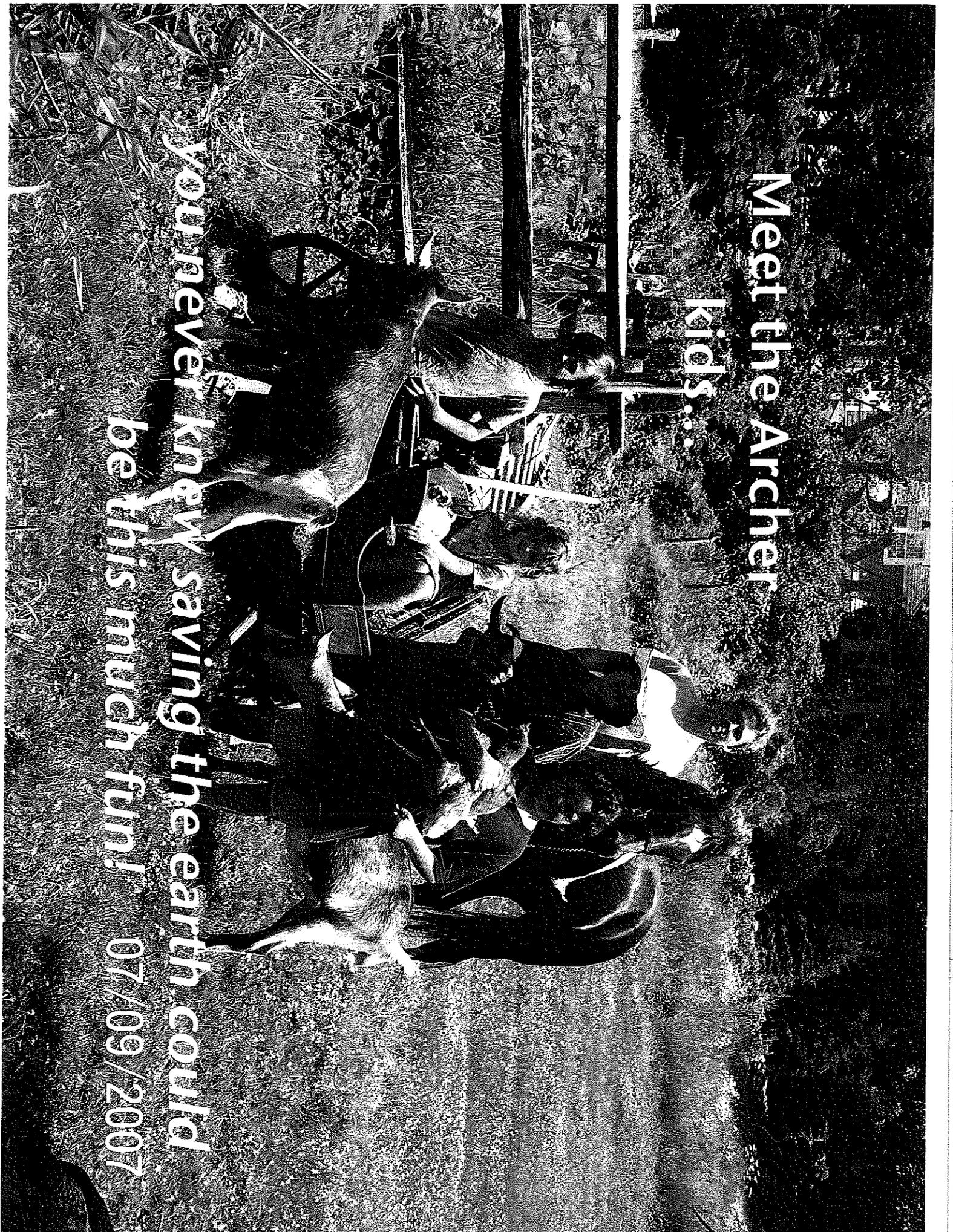


# Meet the Archer kids...

*you never know saving the earth could  
be this much fun!* 07/09/2007



Testimony

Hello, my name is Elene Moore and I live in Trumbull and I am grateful for the opportunity to speak to you today in support of the bills SB462 and 461.

Like my cousin Richard, I am an organic farmer . I have five kids ranging in age from 18 to 7. When I first heard about a power plant being put around the corner from my farm, I was shocked. I knew that putting high temperatures and high pressures next to 51 year old natural gas pipelines was not safe to the families and children, homes and schools nearby. But what further shocked me was finding out that this natural gas power system was considered renewable energy in the state of CT.

Kids are great barometers for justice and truth. My kids especially are great environmentalists, they are outdoor kids with farm animals and farm chores. The older ones even wrote a screenplay about their farm being taken over by a developer. When I told them what was happening to the land they were astounded! Here are some conversations I have had with my kids.

**“A fuel cell that uses natural gas is renewable?”** Yes, only in our state in the whole United States is this allowed.

**Why?”** Because they get government subsidies and support and CT has companies that make fuel cells.

**“Why do these companies need our money....cant they just sell their stuff and make money that way?”** No. Fuel cells are very expensive. The components are expensive or need to be replaced many times over the life cycle of the system. They have been trying to get their costs down but the technology can not produce kilowatts at a competitive price yet.

**“Aren’t there better and cheaper ways to make energy?”** “Yes, truly renewable energies are cheaper and readily available technology that is safe, lasts a long time without upkeep, and are environmentally friendly. The fuel cell they want to put in our neighborhood uses highly corrosive materials, will be putting greenhouse gases into the air, sucks up 13000 gallons of drinking water a day, and will need to have components replaced in three to five years.

**“Well....who is doing this? Can we stop them?”** We’re gonna try honey!

I drew up some cartoons with the kids about our situation to better explain to my kids what was going on.

The kids can see clearly that what is happening to their playing field is simply “UNAMERICAN”. Please know, that I want to be able to tell my kids that there exists a process that allows the public’s concerns to be aired. That there is a siting council willing to listen to the concerned citizens in a community. Please vote yes to give the siting council more power to refuse bad ideas and projects. I want to be proud of what CT is doing for its energy needs. I want to see really renewable projects proposed for this state. This fuel cell is not something my children’s children will be patting us on the back for doing. Can’t we do better for our future than putting power plants such as this, in neighborhoods? We still have a chance for renewable energy to happen. We don’t have deep enough pockets anymore to keep bailing out fumbling industries. Fuel cell technology is not ready for prime time yet. There are so many different kinds of fuel cell types that bait and switch tactics are used to make you think you are getting one thing, but you are really getting something else.

I am proud of my community for standing strong, together against this threat to their neighborhood. I have been coming to Hartford for three weeks now. I have met many legislators that have impressed me with their passion to do the right thing for CT in these trying times, especially when there is so much technology for legislators to learn and keep up with. When I was here for the Green Jobs Day, I met solar industry companies struggling to get their voices heard. They felt powerless against the strong fuel cell lobbyists vying for our state’s attention. I know that I am going to be proud of CT for having the wisdom, strength and

leadership to do what is right.....to steer our state on the correct path for a reliable, safe, clean energy future.

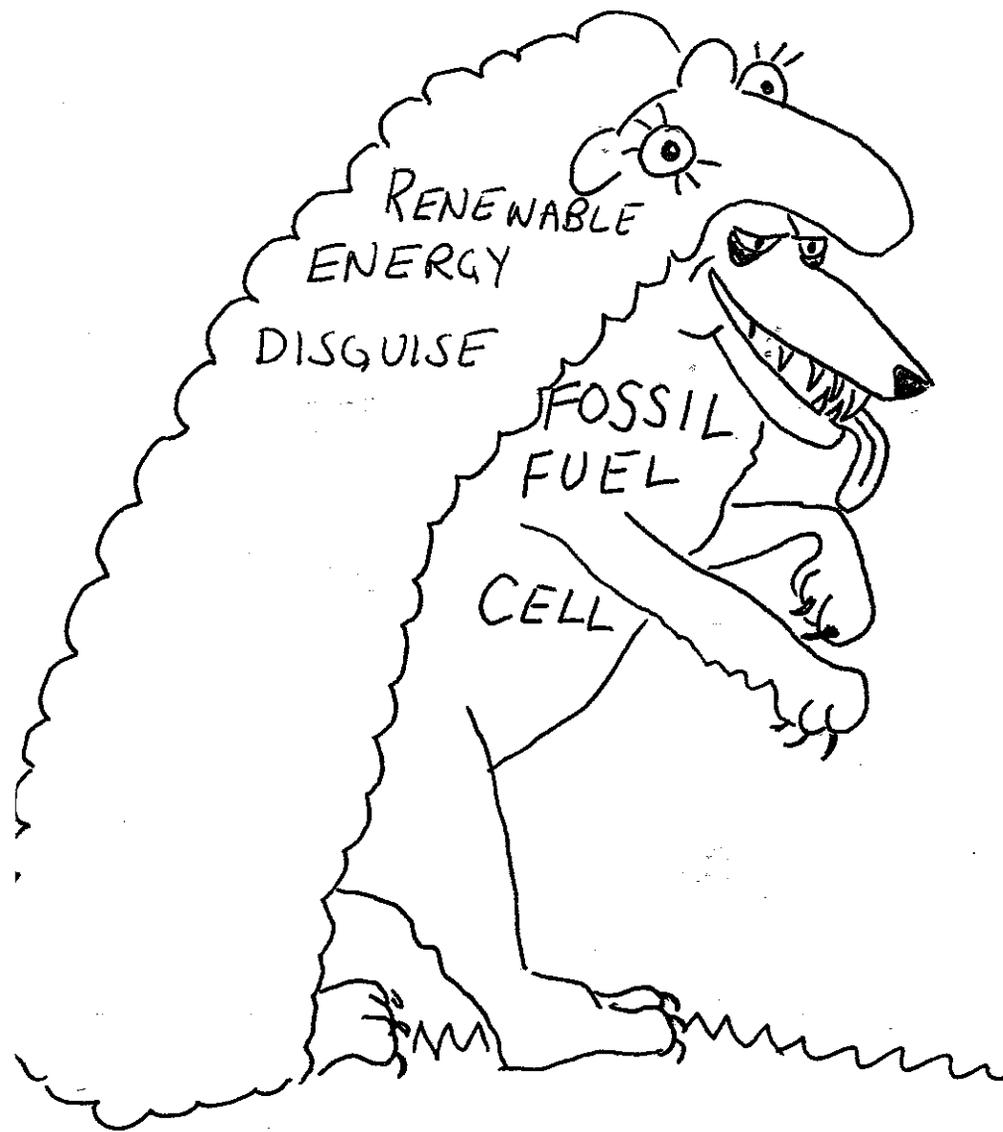
Problems with fossil fuel cells the policy makers should know:

- \*Keep us tied to fossil fuels-this produces GHG and costs will surely rise for the fuel itself, not to mention the expensive components needed to run the cell

- \*Devour greedily funding that should be going into truly renewable energy directions.

- \*Use huge amounts of our public drinking water supply. 13,000 gallons a day which is equivalent to approximately 5 million gallons of water per year. Multiply that by how many fuel cell projects CT is gearing up for. We are looking at a serious water situation if a drought occurs in CT. Someday, water will be fought over more than oil. Is this a wise energy source to pursue if it requires this much water? Maybe cooling ponds should be required for the installation. No one is regulating these installations currently since they are regarded as clean green energy.

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MY, WHAT BIG  
TEETH YOU  
HAVE

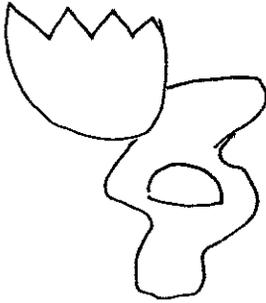
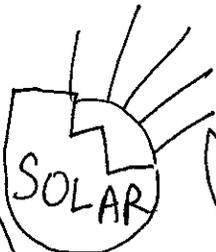
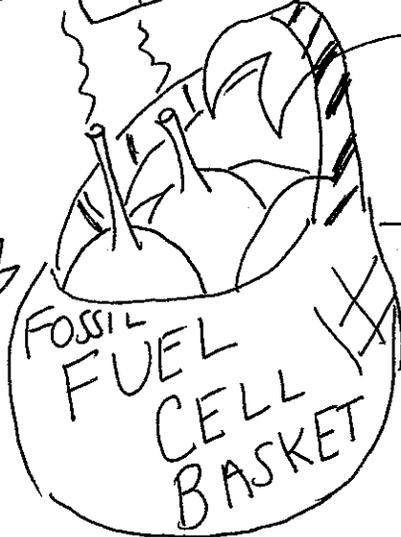


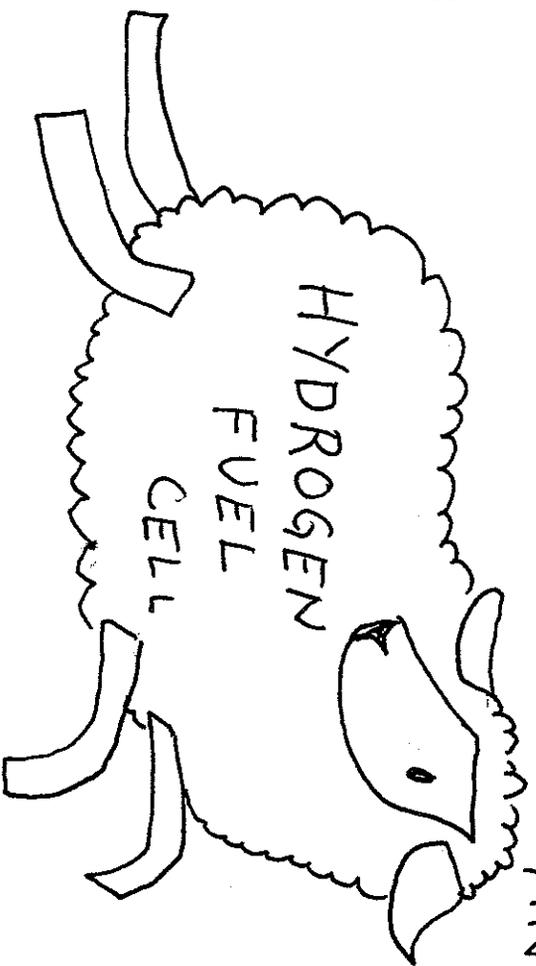
AND BIG SMOKESTACK, AND  
BIG WATER USAGE, AND BIG  
GOVERNMENT SUBSIDIES, AND BIG RISK  
TO COMMUNITIES ALONG AGING  
NATURAL GAS PIPELINES

PUTTING ALL THE EGGS IN ONE  
BASKET IS NEVER A  
GOOD PLAN,  
ESPECIALLY  
WHEN USING  
TAXPAYER  
DOLLARS



DODD =  
OSSAURUS





TWO TOTALLY DIFFERENT ANIMALS

FOSSIL FUEL CELL:

HYDROGEN FUEL CELL:

- USES FOSSIL FUELS
- PUTS CO<sub>2</sub> IN ATMOSPHERE
- ALONG WITH OTHER POLLUTANTS
- HIGH OPERATING TEMPERATURE (1200°F)
- KWAT PRICE FLUCTUATES WITH NATURAL GAS PRICE

- USES HYDROGEN
- ZERO EMISSIONS

- LOW OPERATING TEMPERATURE (390°F)

• SOLAR / WIND ENERGY MAKE HYDROGEN → COST IS FIXED