

Renewable Energy & Energy Conservation Advisory Board

Meeting Minutes

March 3, 2010

Logan City Environmental Department Class Room

Board Members Present:

Richard Anderson	Loren Anderson	Byard Wood	Herm Olsen
Charles Ashurst	Laraine Swenson	Robert Carpenter	Robert Davies
Michael Dietz	Jim Goodwin		

Also in attendance:

Trini Greger	Rick Eardley	Emily Malik	Carl Francis
Mike Taylor	Pete Brunson	Derek West	Dick Anderson

A. Approval of Minutes & Agenda

Minutes of the last meeting were approved.

All present board members voted to approve the agenda.

B. Presentation/Discussion

Rick Eardley introduced himself as the inventor of the hydrogen cell for the Hydrogen Solution Center.

Trini Greger introduced himself and stated that he helps Rick with prototypes.

Rick and Trini mentioned they have prototypes on their vehicles.

The group watched a video presentation about the hydrogen cell.

Rick said the installation is four hundred dollars and the fuel cell would cost six hundred dollars for a total of one thousand dollars to have a new unit in a vehicle.

Rick said with the fuel cell it creates cleaner emissions and they will be completing testing on the exhaust in Farmington in the next week.

Rick said with the fuel cell installed the owner is saving roughly twenty percent on gas and roughly reducing CO² by seventy five percent.

Charles asked where the extra energy came from.

Trini said it comes from the hydrogen in the water.

Rob asked if this will help pollution in the valley.

Rick said they are completing testing next week in Farmington.

Rick mentioned that 1 gal of water turns into eighteen hundred gallons of fuel.

Rick said that three quarts of water will last roughly thirty six hundred miles.

Rick mentioned they have approached used car dealers to insert the fuel cells in used cars before they sell them. He thinks it will also help sell the cars because it will increase the gas mileage and produce less emissions.

Rick did say that a company in the valley is manufacturing the parts. They are trying to keep everything in the valley.

Rick said they are working on a prototype for over the road trucks.

Charles asked how the mileage increase is concluded.

Trini said it has been figured by gas receipts.

Bob said he would help them set up testing for mileage and exhaust temperatures.

Laraine asked for a report back after the testing is complete.

Jim suggested that when they present in the future, they should highlight their scientific and management background to lend credibility to their invention.

Mike Dietz talked about the energy survey sent out in the October billing.

Mike said they found that five percent of an average home built in 1971 had an energy audit conducted.

Emily said they had eighteen hundred surveys returned which is about a thirteen percent response.

Mike said about twenty four percent has added attic insulation.

Laraine said Questar will do an audit for twenty five dollars.

Mike added that if you do some of the upgrades recommended Questar will refund the twenty five dollars.

Emily reported that seventy four percent of respondents have completed at least one energy upgrade.

Emily and Mike are working on compiling a report with the survey data collected.

Mike reported that homeowners are taking steps to reduce costs.

Carl said fifty eight percent of units are rental properties in Logan.

Trini suggested having landlords show their utilities bills to potential renters to show efficiency.

Robert suggested doing an incentive to landlords.

Emily wanted to wait until the landlord licensing issue has settled before they put plans into place.

Herm suggested including information in the "Good Landlord Classes."

Jeremy suggested educating the public more through the media channels. He recommended using cachevalley.com or KUTATV to help educate the public.

Robert asked if it would be possible to make a list of apartments with energy audits so potential renters could review the average cost of utilities.

Herm said Emily could pull the energy usage data for the apartments like she does for residents.

Lynette Miller said it would be helpful to educate the public of costs like leaving a computer or lights on all day.

C. Announcements

Emily said she needs to get bios for new members to take to council.

Emily presented the program metrics. See handout for charts.

Emily mentioned the appliance rebates increased in February.

Laraine asked if the clothes washers were recycled.

Carl said the Environmental Department recycles the whole unit but he is not sure what stores do.

Mike asked about the green program on the bill.

Laraine asked Emily to see what the hold up was and to invite the person who is in charge of adding that to the bill be invited to the next meeting.

Charles recommended putting a list of vendors/installers on the net.

Emily mentioned that she is nervous about compiling a list of vendors on the website but could put a link to energycache.com to customers could go to their website for a list of vendors.

Laraine asked Charles to look up energycache.com to see how efficient the site is and report back.

The next general meeting will be scheduled for 7:30 am on April 7, 2010 in the Classroom at the Environmental Center.

Minutes submitted by: Amy Anderson

Approved by: