

Energy - Docket Optical System

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Sent: Thursday, July 26, 2012 3:34 PM
To: Energy - Docket Optical System
Subject: code 08-AFC-8A

TN # 66357

JUL 26 2012

Categories: Ready to Docket

Here are some of my concerns that the HECA DEIS must respond to.

The DEIS should quantify the plant's impacts on local air quality. How much PM 10, PM 2.5 and ozone from trains and trucks transporting coal from New Mexico, with and without a railroad spur to the plant? How much air pollution from employees driving to the plant, trucks carrying supplies to the plant and trucks taking urea and coal ash from the plant? How much NOx from burning hydrogen? How much premature death do EPA and other scientists think now occurs in Tupman, Lamont and Arvin due to air pollution? Would that change if the plant is built? Note that Lamont and Arvin have the worst air in this area of severe non-compliance with NAAQS.

How much of what quality (salt content) water are needed as a source of hydrogen and for other purposes? Will we ever be able to reuse some of that water?

How much of what quality farm land would the plant and the approach roads occupy? Is that land only able to produce alfalfa and cotton or could it produce food for people?

The DEIS should compare the jobs and energy provided by spending \$408 million on this project with spending \$408 million placing solar PV panels on homes, parking lots and businesses. Include consideration of no interest loans for roof-top solar, to be repaid by house owners who pay two-thirds of their pre solar panel monthly electric bill to the government; the government would use that money to pay the owner's current electric bill and to pay off the loan. A more complex plan would require the home owners who were given free solar panels to pay their current, post solar installation bill at twice the current rate per watt; half of that payment would go to pay the loan and half to pay the current bill. The military of the USA is going to place solar PV panels on 850 homes - <http://cleantechnica.com/2012/07/17/u-s-air-force-gets-solar-power-from-solarcity-continues-clean-energy-push/> ; this experience should make it easier to do the paper work my suggestion would require.

How much GHG will the cars, trucks and trains that bring employees, fuel, equipment and waste to and from the plant during construction and operation make? How much GHG will the oil recovered from Elk Hills make? I think the world's economy can be managed so folks will not suffer if the amount of oil the world recovers decreases sooner rather than when it actually runs out.

Will the plant make any ammonium nitrate? What are the chances of ammonium nitrate exploding by accident or from terrorism? Remember Texas City, Texas in 1947.

What impact will mining this coal have in New Mexico? Will NM be mitigated in the HECA EIS or is there a separate EIS for the New Mexico coal mines?

How much air pollution and greenhouse gas will the oil recovered in the course of the HECA project emit?

The dinner HECA (SCS Energy) hosted for so many people on 7 12 12 was excellent. I had two large portions of potatoes and string beans, so I had a vegan meal; that is how I conserve water, farm land and reduce my carbon foot print. One way to say thank you to SCS would be to contribute money to a charity designated by HECA. Another way is to give to a charity I designate, but in HECA's name. I would have responded to a sign or collection box.

Please provide me with all follow up documents and announcements, via web sites and e-mail, concerning this project. No paper documents please. Please acknowledge receipt of these comments to artunger@att.net .

Thank you for the opportunity to comment,

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