

## Energy - Docket Optical System

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**From:** Campos, Alicia@Energy  
**Sent:** Monday, February 25, 2013 9:25 AM  
**To:** Energy - Docket Optical System  
**Cc:** Scott, Diane@Energy  
**Subject:** 08-AFC-08A Hydrogen Energy California - Public Comment from Trudy Douglass, dated February 22, 2013 - Please Docket and Post to the Web under Public Comments

**Categories:** Ready to Docket

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**From:** Trudy Douglass [<mailto:trudydouglass@att.net>]  
**Sent:** Friday, February 22, 2013 10:59 AM  
**To:** Worl, Robert@Energy; Energy - Public Adviser's Office  
**Subject:** This has never been docketed. It was sent Oct.-Nov last year



Trudy Douglass To: DOC and CEC

DOC 08-AFC-8A

From: Douglass

The American Lung Association's, State of the Air 2012, is a summation of many long-term studies on the quality of the air and the effect of polluted air on the population in the United States. They looked at ozone levels and particle levels from official monitoring sites across our nation for the years 2008, 2009, and 2010.

Pollution information by cities in the United States:

Bakersfield and Delano, California are tied for worst in "Cities Most Polluted by Short-term Particle Pollution". A total of 7 San Joaquin Valley cities are mentioned in ranks 1-5. (p.1)

Bakersfield is ranked worst in "Cities Most Polluted by Year-round Particle Pollution". A total of 4 San Joaquin Valley cities are mentioned in ranks 1-5. (p.2)

Bakersfield and Delano are in third place for worst "Most Ozone-Polluted Cities". A total of 8 San Joaquin Valley cities are mentioned in ranks 1-5. (p.3)

Pollution information by counties in California:

Kern County is ranked worst for "Counties Most Polluted by Short-term Particle Pollution". 3 San Joaquin Counties are in ranks 1-5. (p.4)

Kern County is ranked worst for "Counties Most Polluted by Year-round Particle Pollution". 3 San Joaquin Counties are in ranks 1-5. (p.5)

Kern County is in third place for worst "Most Ozone-Polluted County". 3 San Joaquin Counties are in ranks 1-6. (p.6)

High ozone days in Kern County 2008-2010:

209 Orange-Unhealthy for Sensitive Groups

48 Red-Unhealthy

2 Purple-Hazardous (p.7)

High particle days in Kern County 2008-2010:

126 Orange-Unhealthy for Sensitive Groups

21 Red-Unhealthy

2 Purple-Very Unhealthy (p.8)

Unhealthy air quality is harmful for the whole population but, the Lung Association says that children birth-18 and adults 65 and older are the most at risk. Lung diseases are the first to be listed: pediatric and adult asthma, chronic bronchitis, and emphysema. (p8-19) People living in areas with high ozone and particle pollution and who have cardiovascular disease and/or diabetes risk premature death. One study is finding that fine particle levels are associated with lung cancer in people who have never smoked. (p.11) New EPA guidelines will look at even smaller particles than what is now measured.

According to the San Joaquin Air Pollution Control Board's 2011 report the people of the San Joaquin Valley are working to comply with the EPA regulations. Our air quality is better than it has been in 10 years. Our efforts are achieving cleaner air. A coal/coke gasification factory will erase what progress we have made. We have complied with EPA recommended no burn days. You must mandate that HECA follow the same rules we do. If you approve this proposal our families will have to endure the loss of many more loved ones and deal with lung diseases that rob vitality and joy from life. The coke and coal will be combusted 24 hours a day, 7 days a week, 365 days a year, adding 520 million tons of pollution to the air, raising even higher our levels of ozone and particles.

The Lung Association has written a report Toxic Air: The Case for Cleaning Up Coal-fired Power Plants . Coal-fired plants are among the largest contributors to particulate pollution, ozone, mercury, and global warming. You cannot tell me that gasification and sequestration are a clean solution for air quality. The Tupman facility will not even sequester the greenhouse gas, CO2. HECA will turn it over to Occidental Petroleum to play with. This plant will add more than 520 million tons of pollution a year for 30 years. The only clean solution is not to build this factory. The whole of Kern County is to be the test for this technology. Our lives are too high a price to pay for a science experiment that can only increase pollution of our bodies, air, land, water, and vegetation. 84 known hazardous pollutants are released from coal some of those are: arsenic, mercury, dioxins, formaldehyde, and hydrogen chloride. HECA will use an "old-school" fuel with a technology "face lift" but, coke and coal will still leave a poisonous and deadly residue.(p.10) Why isn't this project powered by natural gas?

You must be familiar with the topography of our valley and the unhealthy air that is trapped here. To permit SCS Energy to build this chemical factory fueled by coke and coal would be both irresponsible and criminal. The 520 million tons of pollution projected (not including the CO2) for each year is just the tip of the ice berg. No one really knows how well this process will work. This figure does not even include the cars, trucks, and trains transporting people and materials in and out of the site or the CO2 that will not be sequestered.

To protect the lives of our children and our Senior Citizens please say no to SCS Energy. To protect our agricultural business, please say no to HECA. To protect the whole San Joaquin Valley, please say no to this chemical factory.

Trudy Douglass

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