

## DOCKETED

<b>Docket Number:</b>	12-AFC-03
<b>Project Title:</b>	Redondo Beach Energy Project
<b>TN #:</b>	200290
<b>Document Title:</b>	Todd Dipaola Comments: Opposition to Proposed AES Southland Plan in Redondo
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	Todd Dipaola
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	8/21/2013 10:40:37 AM
<b>Docketed Date:</b>	8/21/2013

*Comment Received From: Todd Dipaola*

*Submitted On: 8/21/2013*

*Docket Number: 12-AFC-03*

## **Opposition to Proposed AES Southland Plan in Redondo**

California Energy Commission

1516 Ninth St.

Sacramento, CA 95814

Dear Chairman Weisenmiller and Commissioners,

I live within a few miles of the proposed new power plant in Redondo, which is one of the most densely developed coastal areas in the state.

Our region is currently home to a number of high air pollution generating sources impacting health. In the 3 mile radius from my house, the significant sources of air pollution include a 1000 acre Chevron Oil Refinery processing 260,000 barrels of oil per day, a 4 unit NRG gas power plant, a 3 unit LADWP gas power plant, the 105 freeway, the 405 freeway- the most trafficked in the country, LAX- the 3rd busiest airport in the US, a 750 acre Torrance ExxonMobil refinery processing 155,000 barrels of oil per day. This radius also includes the the current AES natural gas plant slated for retirement

I worked in air quality for several years and am acutely aware of its increased risks to mortality. Studies such as Spatial Analysis of Air Pollution and Mortality in Los Angeles (Jerrett, et al) show 17% increases in mortality for each 10  $\mu\text{g}/\text{m}^3$  increase of PM<sub>2.5</sub>. They also observed up to 60% mortality from heart disease and lung cancer from those living in high particulate matter concentration areas.

In addition to the ongoing sources of air pollution in the South Bay, a new AES plant would emit up to 15 times the current levels of PM.

The studies I have reviewed showed sufficient power capacity in our region for years to come and we are already clearly bearing the environmental burden of electrical generation for much of Los Angeles.

Thanks to your leadership on increases in energy efficiency as well as net-zero energy consumption houses from solar (like mine) becoming increasingly affordable and common, its clear that a brand new power plant and increased emissions in an already impacted dense urban region is not warranted

I urge you to deny the AES application on the grounds of health impact on already impacted residents, as well as lack of capacity need in our region. There are better economic and ecological options to efficiently maintain grid reliability than repowering AES Redondo Beach.

Warm regards,

Todd Dipaola

Manhattan Beach, CA