

DOCKETED

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Project Title:	Climate Adaptation and Resiliency
TN #:	216023
Document Title:	The Pinatubo Effect And The End Of Solar
Description:	1.23.2017 Harvey Sherback email to Robert B. Weisenmiller
Filer:	Raquel Kravitz
Organization:	California Energy Commission
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From: Weisenmiller, Robert@Energy
Sent: Monday, January 23, 2017 10:38 AM
To: Doughman, Pamela@Energy; ten Hope, Laurie@Energy; Raitt, Heather@Energy
Subject: Fwd: The Pinatubo Effect And The End Of Solar

Heather. Let's docket in iepr. Not sure where but probably adaptation.

Sent from my iPhone

Begin forwarded message:

From: Harvey Sherback <harveysherback@yahoo.com>
Date: January 23, 2017 at 10:22:14 AM PST
To: <robert.weisenmiller@energy.ca.gov>
Cc: <catherine.cross@energy.ca.gov>, <karen.douglas@energy.ca.gov>, <ollie.awolowo@energy.ca.gov>, <david.hochschild@energy.ca.gov>, <kathleen.mcdonnell@energy.ca.gov>, <andrew.mcallister@energy.ca.gov>, <donna.parrow@energy.ca.gov>, <janea.scott@energy.ca.gov>, <monica.shelley@energy.ca.gov>, <timothy.singer@energy.ca.gov>, <jennifer.nelson@energy.ca.gov>, <thomas.gates@energy.ca.gov>, <scott.flint@energy.ca.gov>, <jessica.bonitz1@gmail.com>, <jim.bartridge@energy.ca.gov>, <al.alvarado@energy.ca.gov>
Subject: Re: The Pinatubo Effect And The End Of Solar
Reply-To: Harvey Sherback <harveysherback@yahoo.com>

State of California
California Energy Commissioners
Robert B. Weisenmiller, Ph.D.
Chairman

January 23rd, 2017

Hello Chairman Weisenmiller, California Energy Commission Members & Staff,

Thanks for your many efforts to create a better world for us and our children, it's very much appreciated.

We know that our use of fossil fuels, especially the burning of coal, oil and methane, is responsible for driving global temperatures to new heights and that the last five years were the hottest in recorded history. Rather than see a reduction in their use, these greenhouse-gas producing companies are turning to geo-engineering to slow climate destabilization. Their strategy is not only to maintain, but increase their hold on our planet's energy markets by seriously reducing the worldwide shift towards photovoltaics as well as other forms of solar power. Scientists like David Keith are talking about using geo-engineering to create the "Pinatubo Effect" as a way of decreasing global temperature intensification.

When Mount Pinatubo, which is located in the Philippines, erupted in 1991, its emissions briefly reversed the earth's warming trend that has been ongoing since the start of the Industrial Revolution. The idea is to mimic the Pinatubo Effect by using a fleet of modified business jets and/or high altitude balloons to inject "reflective aerosols" into the upper stratosphere to cool the planet.

As well as diminishing the burning of fossil fuels, Keith suggests that we turn to conservation, wind power,

nuclear energy and CO2 capture. There is no mention of increasing our use of solar technology because geo-engineering the earth's upper atmosphere would dramatically reduce the amount of sunlight filtering down to our planet's surface making photovoltaics a bad investment. With the arrival of the fossil-fuel-friendly Trump administration, it's time to take this "under-the-radar" science very seriously if we want to see the solar industry grow and prosper in the coming years.

Harvey Sherback
Berkeley, California

Additional Information:

November 10, 2016 - Headline: UN Study Confirms Last Five Year Period Hottest Earth Temperature on Record

There is no denying the urgency of addressing the problem of global warming. The effects of this worldwide problem has long been felt; however, it is increasing in intensity and breadth over the last few years. According to studies, over one million species of animals have faced extinction as a direct result of global warming. Moreover, it is posited that 150,000 people would succumbed to the effects of the temperature rising across the globe."

<http://www.natureworldnews.com/articles/31549/20161110/un-study-confirms-last-five-year-period-hottest-earth-temperature.htm>

Ted Talk: David Keith - : A Critical Look At Geo-Engineering Against Climate Change

David talks about using the Pinatubo Effect to slow global heating.

YouTube: https://www.ted.com/speakers/david_keith

November 30, 2015 - Headline: How to Slow Climate Change With a Fake Volcano

"There's a cheap, quick, dirty, and controversial way to combat global warming that isn't on the agenda of the United Nations climate summit in Paris, which runs from Nov. 30 to Dec. 11 2015. It involves replicating the planet-cooling effect of a volcanic eruption."

<http://www.bloomberg.com/news/articles/2015-11-30/how-to-slow-climate-change-with-a-fake-volcano>

November 2009 - Report "Human Rights and Climate Change" from Northwestern University

http://buffett.northwestern.edu/documents/working-papers/Bufett_09-002_Shelton.pdf

Dated 2015 - North Western University Journal Of Technology And Intellectual Property

Report: Exclusive Rights To Saving The Planet - The Patenting Of Geo-Engineering Inventions

<http://scholarlycommons.law.northwestern.edu/cgi/viewcontent.cgi?article=1228&context=njtip>

North Western University - Pritzker School Of Law - From The Seal Center On Law, Regulation And Economic Growth

Open Call For Papers -- It's a call for Papers for The First Annual Research Round-Table On Global Climate Change Governance - Geo-Engineering. It will take place this coming May 2017 In Chicago IL.

http://www.law.northwestern.edu/research-faculty/searlecenter/events/roundtable/documents/Searle_Center_Call_for_Papers_Roundtable_on_Climate_Geoengineering_2017.pdf

January 8, 2014 - Headline: 'Global Sunscreen' Plan Could Wreck Tropics, Study Finds

"An idea by the father of the H-bomb to slow global warming by sowing the stratosphere with light-reflecting particles could wreck the weather system in the tropics, a study said Wednesday. The scheme may benefit northern Europe and parts of Asia, but around the equator rainfall patterns would be disrupted, potentially drying up tropical forests in South America and intensifying droughts in Africa and Southeast Asia."

<http://phys.org/news/2014-01-global-sunscreen-tropics.html>

January 16th, 2017 - Headline: Dark, Cold Days May Have Been What Actually Drove The Dinosaurs Extinct

<http://www.businessinsider.com/new-study-dark-cold-drove-dinosaurs-extinct-2017-1>

November 23, 2016 - Headline: We Can Limit Global Warming To 1.5°C If We Do These Things In The Next Ten Years

http://www.huffingtonpost.com/the-conversation-global/we-can-limit-global-warmi_b_13185112.html

January 2, 2017 - Headline: How Much Would It Cost To Geoengineer Thicker Arctic Sea Ice?

<http://arstechnica.com/science/2017/01/could-freezing-more-water-save-arctic-sea-ice/>

Headline: Carbon Capture Breakthrough In India Converts CO2 Into Baking Powder

<http://www.ecowatch.com/carbon-capture-india-baking-soda-2177070984.html>