

New Information of Substantial Importance Concerning the VC PD GHG Analysis for CUP 3344 (Case No. PL13 - 0150). Submitted by Todd Shuman, 2260 Camilar Dr. Camarillo, CA 93010, tshublu@yahoo.com

1): Assembly Bill No. 1496 CHAPTER 604 Methane Emissions

An act to add Section 39731 to the Health and Safety Code, relating to greenhouse gases.
[Approved by Governor October 08, 2015. Filed with Secretary of State October 08, 2015.]

LEGISLATIVE COUNSEL'S DIGEST AB 1496, Thurmond. Methane emissions.

The California Global Warming Solutions Act of 2006 establishes the State Air Resources Board as the state agency responsible for monitoring and regulating sources emitting greenhouse gases. Existing law requires the state board to complete a comprehensive strategy to reduce emissions of short-lived climate pollutants, as defined, in the state.

This bill would require the state board to take specified actions and conduct specified analyses with respect to methane emissions. Bill Text:

The people of the State of California do enact as follows:

SECTION 1. The Legislature finds and declares all of the following:

(a) Methane is a gas that is emitted from both natural and human sources. Its concentration in the global atmosphere has more than doubled since the beginning of the industrial revolution. Methane is a short-lived climate pollutant with a lifetime of only about 12 years when released into the atmosphere. It is an extremely potent greenhouse gas, with 20 to 30 times the warming power of carbon dioxide over a 100-year period and more than 80 times over a 20-year period.

http://leginfo.legislature.ca.gov/faces/billCompareClient.xhtml?bill_id=201520160AB1496

2): Draft Short-Lived Climate Pollutant Reduction Strategy September 30, 2015, Cal EPA/ARB, Page ES-6

The goals and proposed measures included in this Draft Strategy will reduce SLCP emissions to levels in-line with these targets. The proposed targets are summarized in Table 1.

Table 1. California SLCP Emissions and Proposed Target Emission Levels (MMTCO₂e)¹ 2030			
Pollutant	2013	BAU²	Draft Strategy
Black carbon (non-forest)	38	26	19
Methane	118	117	71
F-gases	40	65	24

¹ Using 20-year GWPs from the 4th Assessment report of the IPCC for methane and F-gases, and 5th Assessment report for black carbon

² Business As Usual forecasted inventory includes reductions from implementation of current regulations

"Climate change is no longer a problem to be defined simply in terms of a legacy we leave to our grandchildren or impacts in the year 2100. It is affecting us now, and will only accelerate in our lifetime. Due to the urgency of the issue, and the need to recognize the costs and benefits of addressing it immediately, we use 20-year GWPs in this report to quantify emissions of SLCPs."

<http://www.arb.ca.gov/cc/shortlived/shortlived.htm>