

# ALISO CANYON BY THE NUMBERS

## HOW MANY DAYS WAS THE ALISO CANYON BLOWOUT?

The blowout lasted for more than

# 100 DAYS

after it was discovered on Oct. 23, 2016

## WHAT WAS THE AGE OF THE WELL THAT WAS LEAKING?

The failed well at Aliso Canyon was

# 63 YEARS OLD

A broken safety valve was removed by Southern California Gas Company in 1979 and had never since been replaced.

## HOW MANY FAMILIES HAD TO EVACUATE AND RELOCATE?

The disaster drove more than

# 15,000 RESIDENTS

from their homes.

## WHAT WAS THE COST OF THE DISASTER?

As of August 2016, costs reached over

# \$717 MILLION

and counting.



## HOW MUCH POLLUTION WAS EMITTED BY THE BLOWOUT?

# 97,100 METRIC TONS

of methane, a powerful climate pollutant, leaked into the atmosphere from the Aliso Canyon gas leak. That is equivalent to the emissions of 1,735,404 cars in one year. Methane has 80 times the warming power of carbon dioxide over a 20-year time frame.

## HOW MUCH POLLUTION DOES CALIFORNIA'S OIL AND GAS INDUSTRY EMIT?

California's oil and gas industry emitted approximately

# 270,000 TONS

of methane in 2014. This is nearly three times the methane as was released by the Aliso Canyon disaster. This wasted natural gas is worth over

# \$50 MILLION

and can meet the heating and cooking needs of about 400,000 homes in the state.

## HOW MANY PEOPLE FELT ILL?

Residents from

# 600 HOUSEHOLDS

near the blowout reported headaches, nosebleeds, nausea and other symptoms to county officials.

## HOW MANY DIFFERENT TYPES OF SYMPTOMS WERE EXPERIENCED BY THE COMMUNITY?

# DOZENS

Some of those symptoms include rashes, nosebleeds, headaches, vomiting, nausea, skin irritations and respiratory problems. The troublesome chemicals emitted include benzene, a known carcinogen; hydrogen sulfide, which can affect the respiratory and cardiovascular systems; and n-hexane, a neurotoxin.

## WHAT IS THE SOLUTION?

We need a comprehensive approach to addressing methane pollution. One promising strategy comes from the California Air Resources Board (CARB). CARB's proposed rules are projected to cut methane emissions from oil and gas facilities

# 40-45% BY 2025

This is the equivalent of taking 111,000 cars off the road. The rule will also reduce 3,627 tons of volatile organic compounds per year and reduce over 100 tons of cancer causing compounds such as benzene and toluene. This will give California one of the most comprehensive methane pollution standards in the country.

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