

SCAQMD Proposed Rule 1410 Threatens Viability of Two SoCal Refineries, Could Cost Californians Billions

the issue The California Air Resources Board (CARB) mandates a fuel standard that is the most stringent in the world to reduce emissions and protect the environment. "Alkylate" is needed in fuel production to meet this standard. Two California refineries (Torrance and Wilmington) and a majority of refineries across the country that make alkylate use Hydrofluoric Acid (HF) alkylation. The Torrance and Wilmington refineries use a newer, modified type of HF (MHF) to enhance worker and community safety.

The South Coast Air Quality Management District (SCAQMD) is considering banning oil refineries' use of MHF via Proposed Rule 1410. According to the California Energy Commission, banning MHF would likely cause the Torrance and Wilmington Refineries to cease operations, which could devastate California's economy and could result in thousands of local jobs lost and higher prices for gasoline and consumer goods for all Californians¹.

¹Sources: California Energy Commission presentation to PR 1410 Working Group entitled, "Potential Transportation Fuel Supply and Price Impacts of HF Ban," (September 20, 2017); Stillwater Associates, LLC presentation entitled, "Impact of an HF Ban on Southern California Transportation Fuels Supply," (July 6, 2017); Capital Matrix study entitled, "Economic Impacts of the Torrance Refining Company," (August 2017).

What Banning MHF Could Mean for Californians Like You



30% of the jet fuel for LAX LOST



25¢ per gallon gasoline price INCREASE



2000 local jobs and thousands of indirect jobs LOST



80% of the marine diesel for ships at SoCal Ports LOST



30% of Southern California's gas supply LOST

The Facts

- HF has been used in manufacturing since the 1700's, which is over 250 years.
- HF alkylation has been used by California refineries since 1966.
- Today, California refineries that operate HF alkylation units use a modified form of HF (MHF), which is a newer alkylation technology that enhances worker and community safety.
- More than half of U.S. refineries (50 out of 89) with an alkylation unit use HF or MHF.
- The refining industry makes up less than two percent of HF use; many major industries use HF to create common consumer products such as computers, televisions, cell phones, medicine, refrigerants, and much more.

take **Action**

Tell the SCAQMD you are opposed to any ban or phase-out of MHF alkylation by:

- ▶ **Joining** our coalition at www.sustainableeconomy.energy
- ▶ **Sending** a letter to SCAQMD opposing any ban or phase-out of MHF alkylation
- ▶ **Inviting** others to join this coalition and to send a letter to SCAQMD