

**Comment 1 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224) - 45 Day.**

First Name: Maryann

Last Name: Smith

Email Address: maryannshaw1973@gmail.com

Affiliation:

Subject: Jet Fuel & Low Carbon Standards

Comment:

CARB has a historic opportunity to correct decades of environmental racism. Not only are airlines some of the largest emitters of greenhouse gasses, the emissions are toxic resulting in higher levels of chronic respiratory illnesses, like asthma and COPD. Black and Latino workers are most at risk because airline emissions have gone unregulated. Working at or living near an airport should not reduce our life expectancy.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:14:28

No Duplicates.

**Comment 1 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Evan

Last Name: Edgar

Email Address: evan@edgarinc.org

Affiliation: California Compost Coalition

Subject: ZEV Batteries as a transportation fuel has a average CI of 20

Comment:

EJAC has supported key elements of the California Battery Directive:

- Recycling of Batteries - SB 615 (Allen) has a bill of the Govenors Desk
- Life Cycle of ZEV batteries - Ricardo Report show plus 20
- Due Diligence of Supply Chain on environmental and social justice

Where is Enviromental Justice for All ???

See attached file

Attachment: <https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach/1-carbejac091224-AWJVMgNwUGEAWQFk.pdf>

Original File Name: CARB EJAC 9.12.2024 Meeting.pdf

Date and Time Comment Was Submitted: 2024-09-12 11:32:38

No Duplicates.

**Comment 2 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Wesley

Last Name: Miller

Email Address: wesleymiller225@gmail.com

Affiliation: SEIU

Subject: Jet fuel

Comment:

My lungs or crying for life

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:09:46

No Duplicates.

**Comment 3 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Kevin

Last Name: Foster

Email Address: nealdkiobr@gmail.com

Affiliation:

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

Airline fuel is one of the largest sources of greenhouse gasses in California, significantly impacting air quality, contributing to climate change and preventing California from meeting its green energy future goals. Airport workers and people who live in airport-adjacent and flight-path communities are demanding to know why the staff report's recommendation to remove exemptions to the Low Carbon Fuel Standards was taken out. Did you know, even 10 miles away from LAX the air is twice as polluted as air not impacted by air travel. Children who live within a 5-mile radius of the airport are 4x more likely to have asthma. Trains, trucks, cars are all regulated. Why aren't airlines?

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:10:12

No Duplicates.

**Comment 4 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Michael  
Last Name: Eekhof  
Email Address: Meekhof14@gmail.com  
Affiliation: SEIU

Subject: Exhaust fumes and health

Comment:

Since starting my job at the airport I've developed a light cough that persists and won't go away.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:12:29

No Duplicates.

**Comment 5 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Jovan

Last Name: Houston

Email Address: jaystyles.jh@gmail.com

Affiliation:

Subject: Jet fuel and low carbon fuel standard

Comment:

The airlines are polluting our community. And it's no surprise that is a community of color. It's not fair please regulate the fuel for airlines. I need to behold accountable of the type of fuel they use. And shouldn't be allowed to get a tax break on polluting human life.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:11:51

No Duplicates.

**Comment 6 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Jasmin

Last Name: Rush

Email Address: rujasmin92@gmail.com

Affiliation:

Subject: Health for airport

Comment:

Let my kids beable to breath in leave a long life .they already have health issues in the pollution u guys are creating is affecting there health even more

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:11:06

No Duplicates.

**Comment 7 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Joy

Last Name: Hunt

Email Address: joyhunt191@yahoo.com

Affiliation:

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

Airline fuel is one of the greatest sources of greenhouse gasses in California. It has already been impacting air quality for years, contributing to climate change and preventing California from meeting green energy goals. This is something I worry about for my grand children and great grand children. People that live near and work at airports deserve to be able to live long and healthy lives just like anyone else. I demand to know why the staff report's recommendation to remove exemptions to the low carbon fuel standards was taken out

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:10:26

No Duplicates.

**Comment 8 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Araceli

Last Name: Quezada

Email Address: Araceliq72@icloud.com

Affiliation: Usww

Subject: Jet fuel and low carbon fuel standard

Comment:

No quiero que mis nietos sufran de tanta contaminación y enfermedades

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:13:29

No Duplicates.

**Comment 9 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Tejinder

Last Name: Singh

Email Address: Tjbayarea@gmail.com

Affiliation:

Subject: Jet fuel and low carbon

Comment:

Carbon has a historic opportunity to correct decades of environmental racism. NOT only are airlines some of the largest emitters of greenhouse gasses, the emissions are toxic resulting in higher levels of chronic respiratory illness like asthma and COPD black and Asian, Indian, Latino workers at or living near an airport should not reduce our life expectancy.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:11:34

No Duplicates.

**Comment 10 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Leah

Last Name: Captain

Email Address: Xoxo99c@aol.com

Affiliation:

Subject: Jet emissions air quality

Comment:

Work at the airport can be difficult because of poor air quality due to the planes not being regulated like other vehicles. It is absurd to try to make a living at a place that is potentially killing you or giving you health problems which impacts your life in a negative way

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:11:56

No Duplicates.

**Comment 11 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Karina

Last Name: Rodriguez Valencia

Email Address: karina.ro.val@gmail.com

Affiliation:

Subject: Air quality

Comment:

The air quality surrounding the airport and other counties are very poor due to the jet fuel emissions, workers and public are developing serious health issues that are permanent and may lead to premature deaths

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:12:28

No Duplicates.

**Comment 12 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Ana

Last Name: Cruz

Email Address: anac87573@gmail.com

Affiliation:

Subject: Menos menoxido de carbono

Comment:

Solo quiero mejor calidad de aire

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:16:05

No Duplicates.

**Comment 13 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Madison

Last Name: Wise

Email Address: madison.wise@seiu-usww.org

Affiliation: SEIU-USWW

Subject: Regulate the Airlines

Comment:

The airline industry has remained unregulated for far too long. Airline jet fuel is amongst the largest contributors of green house gas emissions in the State of California. This has a significant impact on our state's air quality, it contributes greatly to climate change which has greatly affected our state, and will hold back California from meeting its ambitious green energy future goals. Our union's members who work at the airports and live in the surrounding communities demand to know why the staff report's recommendation to remove exemptions to the Low Carbon Fuel Standards was taken out.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:10:38

No Duplicates.

**Comment 14 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Carolina

Last Name: Rocha

Email Address: Rocha.3029@gmail.com

Affiliation: SEIU USWW

Subject: Jet fuel and low carbon fuel standard

Comment:

Uno de los problemas es la contaminación, queremos respirar aire limpio y no estar en riesgo de cáncer y otras enfermedades que a largo plazo nuestra salud y de nuestros hijos y nietos esta en riesgo . También la salud de nuestra gente que vive en los lugares cerca de los aeropuertos

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:14:31

No Duplicates.

**Comment 15 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: oscar

Last Name: Antonio

Email Address: oatony88@yahoo.com

Affiliation: Airport Worker usww SEIU

Subject: Carb and low fuel carb emissions

Comment:

The commission should work in favors of the citizens, communities. Against the pollution and Air contamination by the air fuel use by airlines. Our workers and communities are suffering illness, like asthmas, Cancer, Pneumonia, Allergies, Upper respiratory infección.

Stop big corporation-airline killing our people. Why airplane emissions are no regulated?

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:11:31

No Duplicates.

**Comment 16 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Latasha

Last Name: Reed

Email Address: tenealreed@yahoo.com

Affiliation:

Subject: Jet fuel and low carbon fuel standred

Comment:

Airline fuel is one of the largest sources of greenhouse gases in California significantly impacting air quality, contributing to climate change and preventing California from meeting its green energy future goals. Airport workers and people who live in airport adjacent and flight path communities are demanding to know why the staff reports recommendations to remove exemption to the low carbon fuel standards was taken out

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:11:57

No Duplicates.

**Comment 17 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Samantha

Last Name: Othieno

Email Address: Samantha.othie@gmail.com

Affiliation:

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

Airline fuel is one of the largest source of air pollution in California. It impacts air quality, climate change, and the prevention of green energy goals within California. Airport workers and communities are demanding to know why they removed exemptions to the Low Carbon Fuel Standards.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:12:24

No Duplicates.

**Comment 18 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Bret o  
Last Name: Hermone  
Email Address: bthermone@sbcglobal.net  
Affiliation: SEIU-USWW

Subject: Airlines

Comment:

Why are you as a group able to have Airlines use less toxic fuel. I'm sure between the state and feds you can regulate the fuel industry to make less toxic fuel. The cost can be set to span over a time period as not to disrupt airline travel. If California does it then it can force all 50 states plus us territories to use this fuel. Then it can expand over the rest of the world who flies to this country. Win win one for the fuel industry and one for the people you allegedly represent. Or do you get kickbacks for not doing anything. Not saying you do just asking why it's not done yet.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:13:11

No Duplicates.

**Comment 19 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Jameel

Last Name: Hunt

Email Address: JameelHunt@yahoo.com

Affiliation:

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

CARB has a historic opportunity to correct decades of environmental racism. Not only are airlines some of the largest emitters of greenhouse gasses, the emissions are toxic resulting in higher levels of chronic respiratory illness. As someone who works in hospitals and who travels this harms us in the long term as there are few areas where breathing quality is measured. The most at risk though are workers, especially black and latino, working or living near airports that have even less space to get away from it. I wish to understand why the staffs recommendation to remove exemptions to the Low Carbon Fuel Standards was taken out

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:09:49

No Duplicates.

**Comment 20 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Keven

Last Name: Adams

Email Address: tcbo1kea@yahoo.com

Affiliation: Public comment

Subject: Public comment

Comment:

I pay my bills , I go to work and my taxes are paid. I am raising my kids to be good people. I break no laws and I teach them the golden rules of life "do unto others as you want to be done to you". It's not fair that we have to die early because you want to make a profit and don't care about our future.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:14:27

No Duplicates.

**Comment 21 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Ana

Last Name: Ceballos

Email Address: Ceballosana390@gmail.com

Affiliation: SEIU-USWW

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

I am an Oakland Airport Worker for 8 years.

CARB tiene una oportunidad histórica de corredor décadas de racismo ambiental. Las aerolíneas son de los emisiones de gases de efecto invernadero más grandes pero también esas emisiones son tóxicas. Esto resulta en niveles de enfermedades respiratorias crónicas más altas. Trabajadores latinos y afroamericanos estamos en un riesgo más elevado ya que las emisiones de los aviones no han sido reguladas. Trabajar en o vivir cerca de un aeropuerto no debería reducir nuestra esperanza de vida.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:20:39

No Duplicates.

**Comment 22 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Claudia

Last Name: Rivera

Email Address: Bella\_4587@hotmail.com

Affiliation:

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

El combustible de aviones es una de las fuentes de gases de efecto invernadero más grandes en California, lo que impacta en la calidad del aire, contribuye al cambio climático y previene que nuestro estado cumpla sus metas renovables del futuro. Trabajadores de aeropuerto y nosotros que vivimos cerca del aeropuerto exigimos saber porque la recomendación del staff de remover las extensiones del Los Carbón Fuel Standard Fue removida.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:22:45

No Duplicates.

**Comment 23 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Esteben

Last Name: Butts

Email Address: Buttsesteben@gmail.com

Affiliation:

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

Airline fuel is one of the largest sources of greenhouse gasses in California, significantly impacting air quality, contributing to climate control change and preventing California from meeting it's green energy future goals. Airport workers and people who live in airport-adjacent and flight-path communities are demanding to know why the staff report's recommendation to remove exemptions to the low Carbon Fuel Standards was taken out.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:22:47

No Duplicates.

**Comment 24 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Daniel

Last Name: Torres

Email Address: daniel.torres@seiu-usww.org

Affiliation: SEIU-USWW

Subject: Jet fuel and low carbon fuel standard

Comment:

Airline fuel is one of the largest sources of greenhouse gasses in California, significantly impacting air quality, contributing to climate change and preventing California from meeting its green energy future goals. Airport workers and people who live in airport-adjacent and flight-path communities are demanding to know why the staff report's recommendation to remove exemptions to the Low Carbon Fuel Standards was taken out.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:20:44

No Duplicates.

**Comment 25 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Hector

Last Name: Alfaro

Email Address: halfaro66@gmail.com

Affiliation: Usww

Subject: Jet fuel and low carbon fuel Standard

Comment:

Airline fuel is one of the largest sources of greenhouse gasses in California significantly impacting air quality contributing to contamination. Ya que lo vivo en una propia de vida que los aviones pasan sobre donde vivo ya que ahí tienen el tracamiento para aterrizar. Debido a esto mi casa se mantiene el piso lleno de partículas blancas de bido al punto que tiran los aviones y estamos padeciendo de muchas enfermedades ya es tiempo que hagan algo gracias.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:12:44

No Duplicates.

**Comment 26 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Patricia

Last Name: Velazquez

Email Address: pattym.velazquez@gmail.com

Affiliation: USWW

Subject: Jet fuel and Low Carbon fuel Standard

Comment:

El combustible de aviones es una de las fuentes de gases de efecto invernadero más grande de California. Lo que implica la calidad del aire contribuye al cambio climático y previene que nuestro estado cumpla sus metas de energía renovable del futuro.

Trabajadores de aeropuerto y nosotros que vivimos cerca del aeropuerto exigimos saber la recomendación del staff de remover las extensiones del Low Carbon Fuel Standard fue removida.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:12:03

No Duplicates.

**Comment 27 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Dantanec

Last Name: Jackson

Email Address: pachanecj@yahoo.com

Affiliation:

Subject: Jet Fuel and Low Carbon Fuel Standard

Comment:

Airline is one of the most com way of travel the airline is a billion dollar business. And at the same time it a billion dollar killing business. There no one monitoring that airplanes exhaust Jeff jet or jet jet blast. Two year ago an airline Don't feel at fuel all over the whole city. Everyone got sick dogs cat people were sick the water was polluted. Someone needs to be in charge of controlling the pollution that the airplanes does

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:28:14

No Duplicates.

**Comment 28 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Maria

Last Name: Romero

Email Address: Mrromero1978@gmail.com

Affiliation:

Subject: Jet Fuel and Low Carbon

Comment:

Put Jet Fuel and Low Carbon in the policy ASAP. We in the community who lives and work close to the airport is in danger to have cancer and other diseases so please put the airline in the policy.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:27:51

No Duplicates.

**Comment 29 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Armando

Last Name: Munoz

Email Address: eccmunoz@gmail.com

Affiliation:

Subject: Jet fuel and low Carbon fuel Standard

Comment:

My name is Armando Munoz and I am a SEIU-USWW member and has been working at the airport in LAX for the past 14 years. I'm here to share how important it is for jet fuel to be regulated. The airline industry is one of the biggest polluters in California and it's the only form of transportation that isn't regulated by carb. Why is that as an worker I am exposed to particulate matter in the air that comes from jet fuel and many of us live under the fly path, so we are exposed all day long, as our airports continue to grow increase and pollution well also, when carb staff put out their initial recommendations, they included regulated airfield for flights in California now that's gone. Where did it go, and those of us who live and communities are dying at a much higher rate than others were also mostly black and brown communities. This is definition of Environmental Racism

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 12:12:39

No Duplicates.

**Comment 30 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Adriana

Last Name: Rizzo

Email Address: adria.i.rizzo@gmail.com

Affiliation: Californians for Electric Rail

Subject: Inaccuracies and pro-hydrogen bias in CARB rail policy harms environmental justice

Comment:

Electrification via overhead catenary wires (OCS) is the proven zero emissions way to power freight and passenger trains. Over 1/3 of rail worldwide is powered this way, including America's most used passenger trains in the Northeast Corridor and elsewhere, and freight railroads in the past such as the Milwaukee Road. In contrast, hydrogen trains are a new technology, with no line haul freight operating commercially, and hydrogen passenger trains in Germany and China have been abandoned due to high costs and poor performance in real world operations. Additionally, over 95% of the hydrogen currently available is produced through steam methane reformation, with production-associated CO<sub>2</sub> and NO<sub>x</sub> emissions, while green hydrogen uses 3x as much electricity as overhead electrification while consuming precious fresh water. Hydrogen is also more flammable and leak prone than natural gas, posing additional hazards for transport and refueling, and is an indirect greenhouse gas.

Despite the numerous downsides to hydrogen fuel cell trains, CARB's research and other policy is unfairly biased towards hydrogen and full of inaccuracies that paint a distorted picture of the landscape of zero emissions rail. CARB's 2016 Zero Emissions Rail Reports contain many inaccuracies about the cost, power demand, and other basic facts of OCS and have been cited by the American Association of Railroads in their opposition to CARB's In-Use Locomotive Rule. CARB's Zero Emissions Rail Project Dashboard omits many successful, decades long electric rail projects as well as unsuccessful, canceled hydrogen rail projects (like Germany's LNGV), implying that both are prototype technologies on equal footing. And the April 2024 Feasibility Analysis: Zero Emission Train from the Port of Los Angeles to Barstow fails to fully analyze the feasibility of OCS, biasing the results towards hydrogen and battery locomotives. More information on the failings of CARB's rail research are included in the attached letter. CARB also provided funding for SBCTA's first in North America hydrogen train, which has suffered numerous cost overruns and now a delayed release schedule. The Low Carbon Fuel Standard has also historically undercredited electric transit and subsidized hydrogen in transportation.

The implementation and siting of hydrogen passenger trains also perpetuates environmental injustice. Hydrogen trains in California are so far planned for San Bernardino and the northern Central Valley, areas that are in the top 20% of the DOT's Disadvantaged Communities Index and suffer from high rates of poverty and some of the country's worst air quality. These communities also experience

high transportation cost burdens and long car commutes, coupled with low transit usage. Cars are the top source of CO2 and second largest source of NOx in the state. Car-free access to jobs is important to both alleviate air pollution and reduce poverty. Unfortunately, investments in hydrogen trains hinder these goals. Hydrogen trains have higher operating costs than electric trains and are considered most optimal for low frequency routes. Investment in hydrogen trains, with long rolling stock lifespans, locks in slow, low frequency service for decades, making these rail lines uncompetitive with driving for workers who value their time. Additionally, California High Speed Rail will use OCS, and rail systems that use OCS, such as Caltrain, gain connectivity with a statewide rail network. Investments in hydrogen trains, an incompatible technology with different infrastructure needs, exclude environmental justice communities from a statewide network and access to jobs while disproportionately exposing them to hazards associated with hydrogen refueling. Californians for Electric Rail requests that CARB fully evaluate OCS in future zero emissions rail studies, retract and/or update inaccurate publications, and shift funding (via the LCFS and other programs) away from hydrogen trains and towards existing and new OCS. See our attached letter and the RailPAC's whitepaper linked within for more detail.

Attachment: <https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach/30-carbejac091224-WjkFZlwvVylSNwNi.pdf>

Original File Name: CER-CARB\_ZErailResearch9.12.pdf

Date and Time Comment Was Submitted: 2024-09-12 13:06:09

No Duplicates.

**Comment 31 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Joshua

Last Name: Wilson

Email Address: [josh.wilson@poet.com](mailto:josh.wilson@poet.com)

Affiliation: POET

Subject: POET Comments on September 12, 2024 Joint Meeting of CARB and AB 32 EJAC

Comment:

Attachment: <https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach/31-carbejac091224-ADBRbgFfWTsHM1MM.pdf>

Original File Name: 09\_12\_2024\_POET Comment on CARB-EJAC Joint Committee Meeting.pdf

Date and Time Comment Was Submitted: 2024-09-12 13:52:40

No Duplicates.

**Comment 32 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Paul

Last Name: Wilkins

Email Address: pwilkins@eh2.com

Affiliation: Electric Hydrogen

Subject: Electric Hydrogen Comments on LCFS for the Joint CARB and EJAC Meeting

Comment:

Please see Electric Hydrogen's comments on the Low Carbon Fuel Standard attached.

Attachment: <https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach/32-carbejac091224-BjZRbgQrWTsEMAMt.pdf>

Original File Name: 09.12.2024\_EH2 Comments\_CARB Joint Hearing.docx.pdf

Date and Time Comment Was Submitted: 2024-09-12 14:18:51

No Duplicates.

**Comment 33 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Esther

Last Name: Portillo

Email Address: eportillo@nrdc.org

Affiliation: Natural Resources Defense Council

Subject: LCFS

Comment:

Please accept our public comment (attachment) on the 15-day modifications to the LCFS.

Attachment: <https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach/33-carbejac091224-AWQHawRkWWkBWFQk.pdf>

Original File Name: EJAC public comment LCFS 15 day modifications final.pdf

Date and Time Comment Was Submitted: 2024-09-12 19:24:00

No Duplicates.

**Comment 34 for CARB and EJAC joint discussion on the LCFS, Cap-and-Trade, CCUS, and DAC recommendations. (carbejac091224). (At Hearing)**

First Name: Jennifer

Last Name: Cardenas

Email Address: too.grassroots@gmail.com

Affiliation:

Subject: Public comment CARB Low carbon Fuel standards: September 12, 2024

Comment:

Good evening my name is Jennifer Cardenas. My pronouns are she/Ella. I'm with Too Grassroots, a collective of environmental justice community members who are building local power, shaping a safe and healthy future, and uniting frontline community members in the fight for an inclusive and just environment. I am here to speak about the LCFS and our disappointment with the changes that overlook urgent needs for clean air.

Between the 19th century and 20th century canaries were used as indicators of toxins in the coal mines. While technological advancement has replaced the canaries, risk management continues to be a key concern. Not only for people who work in places like airports and warehouses but also for frontline communities. Here in the inland Empire, children are the new canaries of the 21th century, children breathe faster than adults, breathing in more pollutants. We see the impact they are having everytime they go play outside or on bad pollution days. We see them having nose bleeds, weezing, or having an asthma attack. While we watch them grow we have to normalize having an inhaler if they even have the strength to play a sport. We see their year around health impacts, and yet we have the technology to have a zero-emissions and do better by these communities. The LCFS has major flaws and CARB needs to eliminate polluting biofuels and invest in electrification to achieve a zero-emissions future immediately.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2024-09-12 19:56:11

No Duplicates.