

DOCKETED	
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Project Title:	Tire Efficiency Order Instituting Information Proceeding
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Tire Efficiency Order Instituting Information (OII) Proceeding: Data and Information Collection for the Replacement Tire Efficiency Program

February 18, 2021 Staff Workshop

California Energy Commission
Fuels and Transportation Division



Workshop Agenda

Opening Remarks (10:00-10:10)

Hannon Rasool, Deputy Director, Fuels and Transportation Division

Introduction of Energy Commission Project Team

Presentations (10:10-11:20)

Energy Commission, Replacement Tire Efficiency Program Order Instituting Information (OII) Proceeding Introduction, Tim Olson, Ken Rider, Sebastian Serrato

Natural Resources Canada, Brad Richard

U.S. Tire Manufacturers Association, Tracey J. Norberg

Questions and Answers (11:20-11:40)

Input from consumer and industry stakeholders on OII proceeding and request for information

Public Comment (11:40-12:00)

Adjourn 12:00 p.m.



Housekeeping

- Workshop is being recorded
- Virtual Participation through Zoom
 - Q&A period after main presentations
 - Raise Hand or Q&A feature
- Tire Program Webpage: <https://www.energy.ca.gov/tire>
- Written Comments to Docket # 20-TIRE-01:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-TIRE-01>

All comments due by 5:00 PM on March 11, 2021.



Commitment to Diversity

The California Energy Commission (CEC) adopted a resolution strengthening its commitment to diversity in our funding programs. The CEC continues to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this commitment, CEC staff conducts outreach efforts and activities to:

- Engage with disadvantaged and underrepresented groups throughout the state.
- Notify potential new Applicants about the CEC's funding opportunities.
- Assist Applicants in understanding how to apply for funding from the CEC's programs.
- Survey participants to measure progress in diversity outreach efforts.



Diversity Survey



One Minute Survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups.

Zoom Participants, please use the link in the chat to access the survey or scan the QR code on the left of the screen with a phone or table to access the survey.

Survey will be closed at the end of the day.

Survey

Link: https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTtg1KQ_mze9HgTm_yMfRIJy5URFdSM0UwSTkyVUpXRThXTDNVS1pWSDNFUS4u



Project Team

Replacement Tire Efficiency Program

- Tim Olson, Senior Policy Advisor
- Sebastian Serrato, Project Manager
- Renee Webster-Hawkins, Chief Counsel's Office
- Ken Rider, Chief Policy Advisor to Chair Hochschild

<https://www.energy.ca.gov/tire>





Benefits to California

Low rolling resistance replacement tires for passenger vehicles and light trucks improve vehicle fuel economy leading to the following expected benefits:

Reduce

- Greenhouse gas emissions
- Tailpipe emissions
- Vehicle fuel costs to consumers

Enhance

- Electric vehicle efficiency
- Efficiency in line with original tires sold with vehicle

Offers

- Affordable way for individuals to reduce their emissions



Overview

Pursuant to Assembly Bill 844

- Mandate to adopt and implement program for passenger vehicle and light truck replacement tires

Conduct OII to update information and analysis

- Examine existing tire standards and test procedures
- Complete tire market research
- Evaluate/quantify public benefits
- Explore consumer awareness program options
- Integrate program with other tire requirements



Oil Outcome

Next steps may include:

Possible regulations for passenger vehicle and light trucks

- Tire rating system
- Minimum replacement tire efficiency standard

Consumer awareness program

Incentive options for efficient tire purchases



OII Objectives

- Implement AB 844, which grants the Energy Commission authority to develop and adopt:
 - a **database** of the energy efficiency of a representative sample of replacement tires (based on test procedures adopted by the CEC);
 - a **rating system** for the energy efficiency of replacement tires;
 - requirements that manufacturers **report** the energy efficiency of replacement tires;
 - **minimum efficiency** standards for replacement tires; and
 - **consumer information** requirements, including readily accessible point-of-sale information.





Key Areas of Information Collection

- B. Scope of this Proceeding
 1. Sales of tires, cost of tires, efficient technologies, tire safety, tire life, and tire recycling.
 2. Performance testing of low rolling resistant tires sold in the North American, Asian and European markets since 2012, the last year that the CEC conducted independent tire testing.
 3. Market research on options to display tire efficiency data at physical or online points-of-sale in California.
 4. Any other information related to tire efficiency, safety, and durability necessary to develop recommendations for rating and setting standards for fuel efficient, low rolling resistant tires.



OII Timeline

OII Adoption

- November 2020

Information Gathering

- Q1 2021 – Q2 2021

Feb. 18th Workshop comment due date

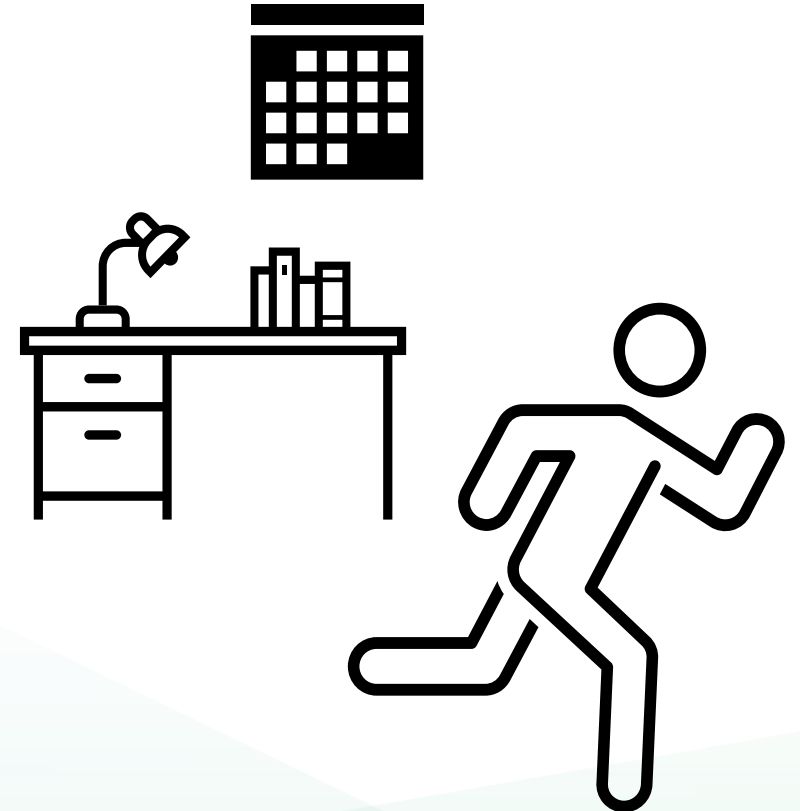
- **March 11**

Collect Comments

- Q2 2021

Internal Reporting and Recommendations

- Q3 2021

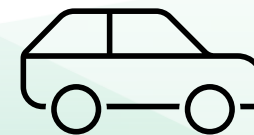
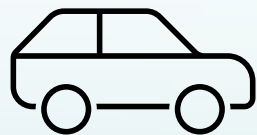
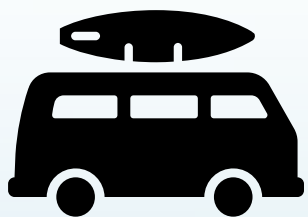




Tire Marketplace

The CEC is seeking to evaluate the replacement tire marketplace and low rolling resistance (LRR) tires

- Quantify LRR tire market share and attributes
- Evaluate rating system and database designs
- Understand tire market supply chain and industry makeup
- Itemize tire manufacturing, retail and installation costs

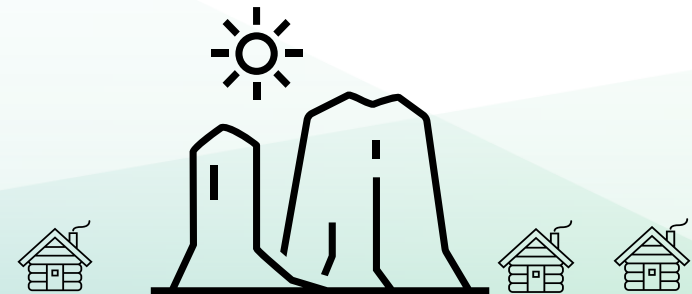




California Market and Submarkets

The CEC seeks to estimate and characterize the replacement tire marketplace

- Understand market position of LRR tires in California and relationship within market segments
- Evaluate LRR tire lifespan and factors that degrade efficiency
- Examine how sales reflect varying definitions of LRR
- Understand supply chain/retail makeup and sales methods to California consumers
- Obtain insights about market challenges

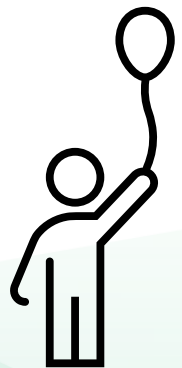




Consumer Benefits and Experience

The CEC requests information to understand benefits and costs to consumers

- How do consumers differ?
- Understand how LRR purchase decisions relate to other decision factors
- Evaluate industry capabilities/business practices to provide LRR tire consumer information
- Obtain lessons learned about tire efficiency consumer information programs/ratings
- How can government program design stimulate LRR tire growth at affordable cost and result in community benefits?





Technology

The CEC is seeking information on the key characteristics of low rolling resistance tires

- Costs
- Tradeoffs (most importantly grip and tire life)
- Changes in materials
- Significance

What is the tire manufacturing process like?





Standards and Testing

The CEC is taking an inventory of existing US/CA tire regulations

- What are the requirements?
- Are they mandatory or voluntary?
- What testing, verification, and certification is necessary?
- Are there key differences to requirements between OEM and replacement tires?





Technology Evaluations

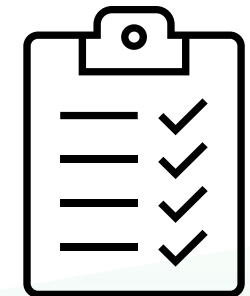
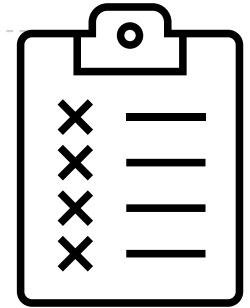
Testing and laboratories

- What test procedures are used to test tire performance?
- What is the laboratory capacity for testing?
- How much testing is conducted in manufacturer laboratories and internationally?

Performance data

- What data sets are available on tire performance?
- What are the key studies on tire efficiency?

What international programs, research, and policies could inform this process?





Natural Resources Canada

Brad Richard



U.S. Tire Manufacturers Association

Tracey J. Norberg



Q&A / Public Comments

Zoom Participants:

- Use the “raise hand” feature to make verbal comments
- Use the Q&A feature to type in your question

Telephone Participants:

- Dial *9 to raise your hand
- Dial *6 to mute/unmute your phone line.

Written Comments:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-TIRE-01>



Submit Comments to Docket 20-TIRE-01

Electronic Commenting System

Visit the comment page for this docket at:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-TIRE-01>

Comment by E-mail

E-mail: docket@energy.ca.gov

Subject Line: “Replacement Tire Efficiency Program”

* If answering or providing comments to the specific questions included in this presentation, please reference the slide number or question. Please contact staff for submission of confidential information

All comments due by 5:00 PM on March 11, 2021



List Serv Notification

Subscribe to Tire List Server to receive updates on the Replacement Tire Efficiency Program Order Instituting Information Proceeding:

https://ww2.energy.ca.gov/listservers/index_cms.html

TRANSPORTATION ENERGY LISTS

- transportation - General Transportation and Petroleum Issues
- altfuels - Clean Transportation Program
- bioenergy - Bioenergy Action Plan
- calevip - California Electric Vehicle Infrastructure Project (CALeVIP)
- lowcarbonfuels - Low Carbon Fuels Production Program
- schoolbusprogram - School Bus Replacement Program
- tire - Replacement Tire Efficiency Program
- vgi_communications - California Vehicle-Grid Integration Roadmap Update
- fuelswatch - Weekly Fuels Watch Report
- petroleum_watch - Monthly California Petroleum Watch (Analysis) Newsletter





Staff Contact Information

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Program Page

<https://www.energy.ca.gov/tire>





Thank you for participating remotely!