

**DOCKETED**

<b>Docket Number:</b>	20-LITHIUM-01
<b>Project Title:</b>	Lithium Valley Commission
<b>TN #:</b>	246286
<b>Document Title:</b>	Presentation - Convening of the Lithium Valley Commission
<b>Description:</b>	Presentation Slideshow of September 29, 2022 Lithium Valley Commission meeting.
<b>Filer:</b>	Erica Loza
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	9/30/2022 8:00:50 AM
<b>Docketed Date:</b>	9/30/2022



# Convening of the Lithium Valley Commission

## Reunión de la Comisión de Lithium Valley

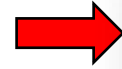
September 29, 2022

29 de septiembre de 2022



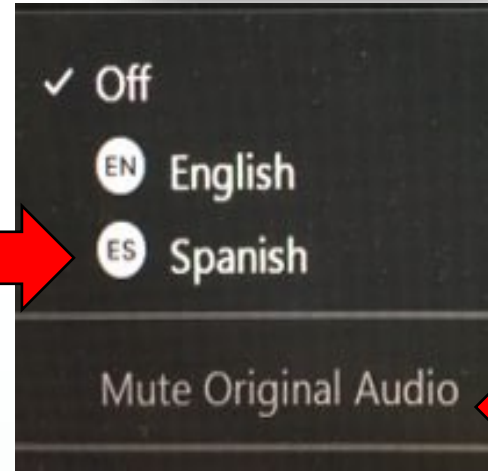
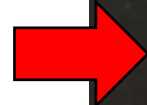
# Interpretation / Interpretación

1) Click globe “Interpretation” icon.



2) Click “ES Spanish” option

3) Click “Mute Original Audio”



1) Haga clic en el icono del globo de interpretación

2) Haga clic donde dice “ES Spanish”

3) Haga clic en “Mute Original Audio”

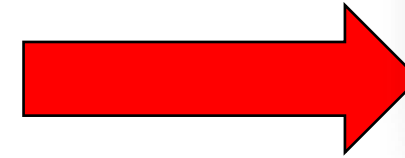
**NOTE:** To access interpretation, download Zoom application on your device. Interpreter will relate everything from English to Spanish during meeting and will inform you when to make public comment. Speak in Spanish and interpreter will relate comments to English.

**NOTA:** Para utilizar la función de interpretación, descargue la aplicación Zoom en su aparato. El intérprete relacionará todo lo dicho en inglés al español durante la junta y le informará cuándo podrá hacer un comentario público. Hable en español y el intérprete relatará sus comentarios en inglés.

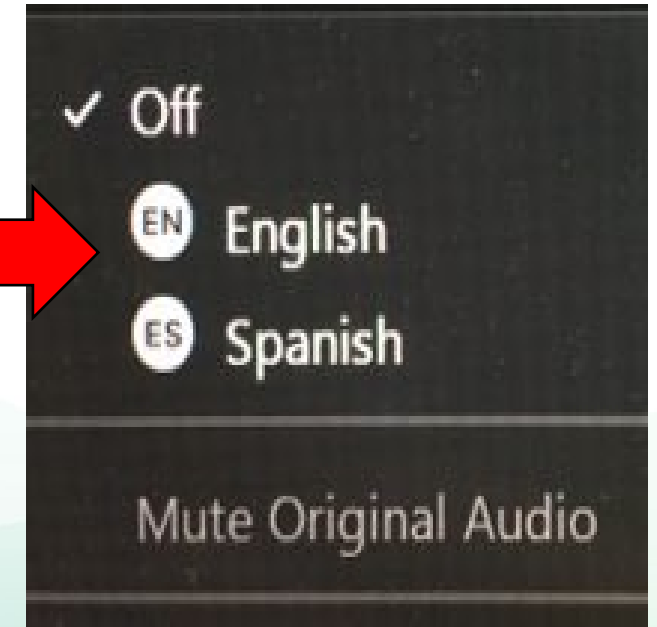


# Steps to Select English Channel

1) Click "Interpretation" icon.



2) Click "EN English" option



3) **DO NOT** select "Mute Original Audio"



# Instructions / Instrucciones

- Meeting conducted with in person locations and remotely via Zoom
    - Recorded and transcribed by court reporter
  - To participate in public comment
    - By computer: use the “raise hand” feature in Zoom
    - By telephone: dial \*9 to “raise hand” and \*6 to mute/unmute your phone line
  - Questions and Comments can be entered in the Q&A section of the Zoom application
- Reunión realizada de manera presencial y remota a través de Zoom
    - Grabada y transcrita por un taquígrafo judicial
  - Para participar en los comentarios públicos
    - Por computadora: use la función de “levantar la mano” de Zoom
    - Por teléfono: marque \*9 para “levantar la mano” y \*6 para silenciar y activar el sonido
    - Haga sus preguntas o comentarios a través de la función de preguntas y respuestas



# Instructions / Instrucciones

- Written comments
  - Submit through the e-commenting system at:  
<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-LITHIUM-01>
- Website and Docket
  - [www.energy.ca.gov/LithiumValleyCommission](http://www.energy.ca.gov/LithiumValleyCommission)
  - <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-LITHIUM-01>
- Comentarios por escrito
  - Se deben enviar a través del sistema de comentarios electrónicos en: <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-LITHIUM-01>
- Página web y Expediente
  - [www.energy.ca.gov/LithiumValleyCommission](http://www.energy.ca.gov/LithiumValleyCommission)
  - <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-LITHIUM-01>



# **Welcome and Roll Call / Bienvenida y paso de lista**



# Agenda / Agenda

1. Welcome and Roll Call
2. Administrative Items
  - a. Approval of Meeting Action Minutes for August 25, 2022
3. Draft Report to the Legislature
  - a. Energy Commission Staff Presentation
  - b. Initial Facilitated Discussion among Commissioners
  - c. Schedule for Upcoming Lithium Valley Commission Meetings to consider the Report
  - d. Status Letter to Legislature
4. Informational Items
  - a. Lithium Valley Commissioner Updates
5. Public Comment
6. Adjourn

1. Bienvenida y paso de lista
2. Temas administrativos
  - a. Aprobación del acta de la reunión del 25 de agosto de 2022
3. Borrador del informe para la legislatura
  - a. Presentación del personal de la Comisión de Energía
  - b. Debates iniciales facilitados entre los comisionados
  - c. Cronograma para las próximas reuniones de la Comisión de Lithium Valley para considerar el informe
  - d. Carta de estado a la legislatura
4. Temas informativos
  - a. Actualización sobre el comisionado de Lithium Valley
5. Comentarios del público
6. Cierre de la sesión





# Draft Report to the Legislature /

## Borrador del informe para la legislatura



# Energy Commission Staff Presentation

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## Presentación del personal de la Comisión de Energía



# Presentation on Draft Report to the Legislature

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- Legislative Requirements & Background
- Approach to Development
- Feedback on Draft Report



# Background: Blue Ribbon Commission on Lithium Extraction in California

Assembly Bill 1657 (Garcia) was enacted in 2020 and created the Blue Ribbon Commission on Lithium Extraction in California. The legislative findings and declarations for the bill are:

- World demand for lithium is expected to grow as much as tenfold in the next decade, but virtually none is produced in the United States. Almost all of the global lithium supply is mined in Argentina, Chile, China, and Australia.
- The Salton Sea geothermal resource area is well-positioned to become a competitive source of lithium that could satisfy more than one-third of today's worldwide lithium demand, but investment in this resource requires that the technology to recover lithium from geothermal brine on a commercial scale can occur without certain risks and uncertainties.
- There is a national security rationale for developing a domestic supply of lithium. Lithium was listed in the Federal Register as a critical mineral "essential to the economic and national security of the United States" pursuant to the 2017 presidential Executive Order Number 13817 titled "A Federal Strategy to Ensure Secure and Reliable Supplies of Critical Minerals."
- The opportunity for lithium production in California has the potential to unleash billions of dollars of new economic infrastructure development.



# Background: Broad Range of Representatives on Commission

## CEC appointments:

1. General member
2. Represents the lithium extraction industry
3. Represents a national vehicle manufacturer organization
4. Represents a local environmental organization
5. Represents a local city or county government in the Salton Sea geothermal resource area
6. Represents a local public electric utility
7. Represents disadvantaged and low-income communities in the Salton Sea geothermal resource area
8. Represents a local tribal community
9. Member with knowledge of economics and the effectiveness of local, state, and federal incentives.

## Other appointing entities:

10. A member appointed by the Governor.
11. A member of the Public Utilities Commission, appointed by the Public Utilities Commission.
12. A member appointed by the Speaker of the Assembly.
13. A member appointed by the Senate Committee on Rules.
14. A member appointed by the Secretary of the Natural Resources Agency.



# Background: Tasked to Review, Investigate, and Analyze Eight Topics

1. Geothermal energy development for lithium recovery
2. Market opportunities
3. Electricity grid benefits
4. Technical and economic challenges
5. Safety and environmental protection
6. Economic benefits and environmental impacts
7. Local, state, and federal incentive and investment opportunities
8. Legislative and regulatory changes



# Background: Sub-bodies to Lead Topics

## Furthering Geothermal Development

- Luis Olmedo
- Ryan Kelley

## Market Opportunities for Lithium

- Roderic Dolega
- Arthur Lopez

## Benefits of/to Geothermal Plants

- Manfred Scott
- James Hanks

## Overcoming Challenges to Lithium Extraction

- James Hanks
- Frank Ruiz

## Lithium Extraction Methods

- Jonathan Weisgall
- Rod Colwell

## Economic and Environmental Impacts

- Luis Olmedo
- Miranda Flores

## Importance of Incentives

- Steve Castaneda
- Tom Soto

## Workforce Development

- Silvia Paz
- Jonathan Weisgall

## Legislative & Regulatory Recommendations

- Rod Colwell
- Tom Soto



# Background: Public Process and Engagement

- Over 20 public meetings, with translation and interpretation, on AB 1657 topics and community and Tribal perspectives
  - In-person and virtual meetings at multiple locations in Imperial County
- Establishment of a docket to serve as a centralized location for information and public comments
- Fact Sheets and key documents translated into Spanish, as well as Purepecha





# Background: Approach to Develop Draft Report

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- Report framework was proposed in May 2021
- Proposed draft outline and schedule created in August 2021, and subsequently modified consistent with workshop and meeting agenda topics
- Report reflects the discussion of the issue required under the law, and also includes the Commission's focus to ensure community and tribal voices are represented



# Overview of Draft Report

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- Includes 44 draft recommendations that cross statutory topics
  - Key recommendations outlined in the executive summary
- A focus on community and tribal perspectives and grounding of the report in the experience of residents in Imperial and Riverside Counties



# Feedback on Draft Report

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- Draft Report published on Wednesday, September 21, 2022
- Spanish translation of Draft Report was posted on September 28. The 30-day public comment period ends on October 28, 2022
- Seeking Commissioner, community, and stakeholder feedback on areas of refinement, strengthening and other modifications
- Discussions will be facilitated by a third-party facilitator
- Community and Tribal Workshops scheduled for Mid-October to solicit oral feedback



# Introduction to Facilitator

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Introduction to Lisa Ballin, facilitator

Consensus and Collaboration Program, California State  
University Sacramento



# Initial Facilitated Discussion among Commissioners

**Debate inicial facilitado entre los  
comisionados**



# **Schedule for Upcoming Lithium Valley Commission Meetings to consider the Report**

**Cronograma para las próximas reuniones de la Comisión de Lithium Valley para considerar el informe**



# Proposed Workplan and Schedule

Target Date	Milestone
September 21	Draft Report Posted, 30+ day public comment period begins
September 28	Spanish Translation of Draft Report Posted, Public comment period closes in 30 days
September 29	LVC Meeting for Initial Discussion of Draft Report
October 10	LVC Commissioners provide feedback to CEC staff
Mid October	Community Workshops Niland (18 <sup>th</sup> ), North Shore (19 <sup>th</sup> ), Salton City (20 <sup>th</sup> )
October 24	Online Workshop
<i>October 28</i>	Public Comment period closes
<i>Oct 31/Nov 1 (TBD)</i>	LVC Meeting to Discuss Draft Report in more detail, consider public comments, and provide direction to CEC staff on the Final Report
Mid November	Proposed Final Report Released
November 17	LVC Meeting to Consider and Vote on Final Report; Delegate Final Changes to Chair Paz
December 1	CEC submits Final Report to the Legislature on Behalf of the LVC



# **Potential Status Letter to Legislature**

## **Propuesta de Carta de Estado para la Legislatura**





# Public Comment / Comentarios del público

## Comment Instructions:

Limited to 2 minutes per comment

**By computer:** use “raise hand” feature in Zoom

**By telephone:** dial \*9 to “raise hand” and \*6 to mute/unmute your phone line

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Instrucciones para los comentarios:

Límite de 2 minutos por comentario

**Por computadora:** use la función de “levantar la mano” de Zoom

**Por teléfono:** marque \*9 para “levantar la mano” y \*6 para silenciar y para activar el sonido





# Administrative Items

## Temas administrativos

- Approval of Meeting Action Minutes for the Meetings:
  - August 25, 2022
- Aprobación de las actas de acción de la reunión del:
  - 25 de agosto de 2022



# Public Comment / Comentarios del público

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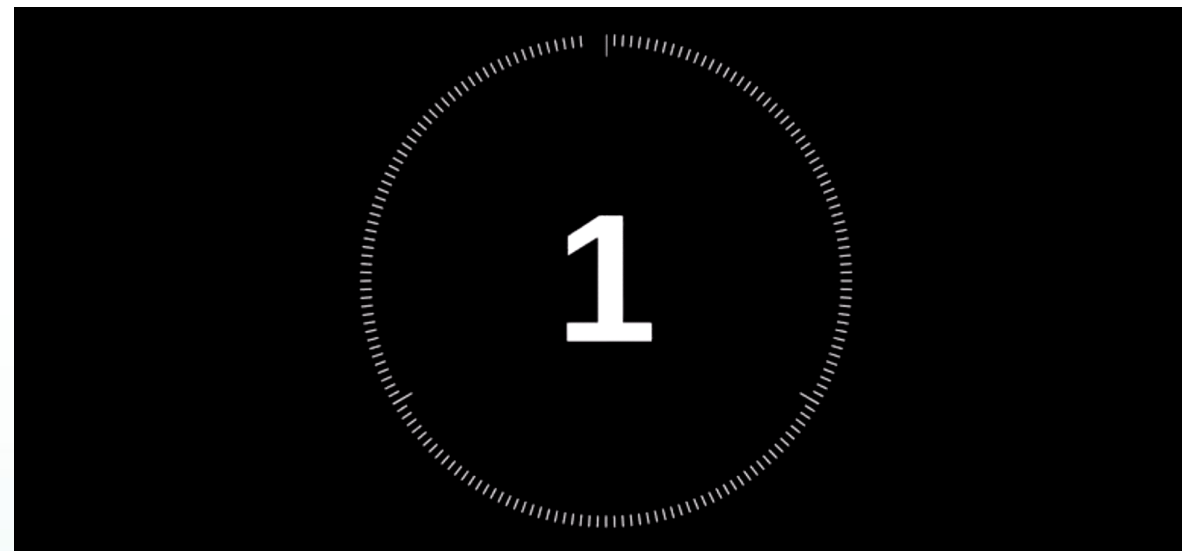
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# Informational Items

## Temas informativos

- Lithium Valley Commissioner Updates
- Actualización sobre el comisionado de Lithium Valley



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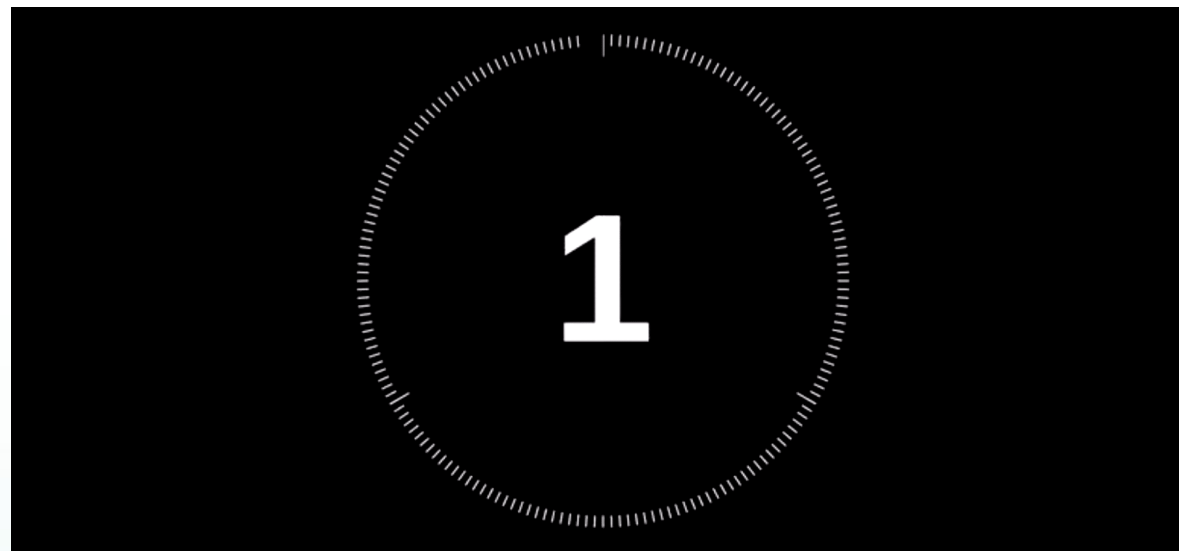
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# Adjourn / Levantar la sesión



Webpage / Página Web: [www.energy.ca.gov/LithiumValleyCommission](http://www.energy.ca.gov/LithiumValleyCommission)  
List Serv / Lista de Correo Electrónico: Lithium Valley Commission

**Thank you!**

**¡Gracias!**

[LithiumValleyCommission@energy.ca.gov](mailto:LithiumValleyCommission@energy.ca.gov)



# Break / Receso

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Return at / Volvemos a las:

[LithiumValleyCommission@energy.ca.gov](mailto:LithiumValleyCommission@energy.ca.gov)