

DOCKETED

Docket Number:	20-LITHIUM-01
Project Title:	Lithium Valley Commission
TN #:	247141
Document Title:	Presentation - Convening of the Lithium Valley Commission
Description:	Presentation Slideshow of the October 31, 2022 Lithium Valley Commission meeting.
Filer:	Erica Loza
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	10/31/2022 4:03:38 PM
Docketed Date:	10/31/2022



Convening of the Lithium Valley Commission

Reunión de la Comisión de Lithium Valley

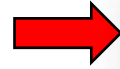
October 31, 2022

31 de octubre de 2022



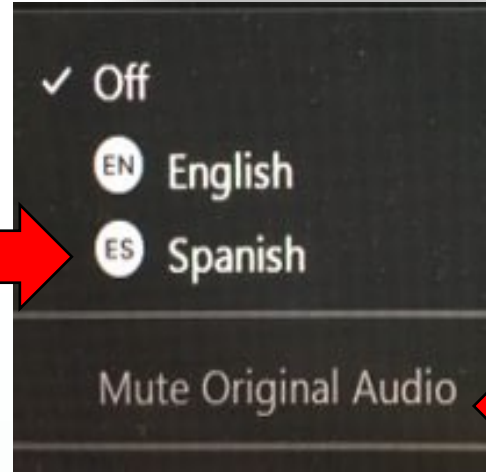
Interpretation / Interpretación

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”

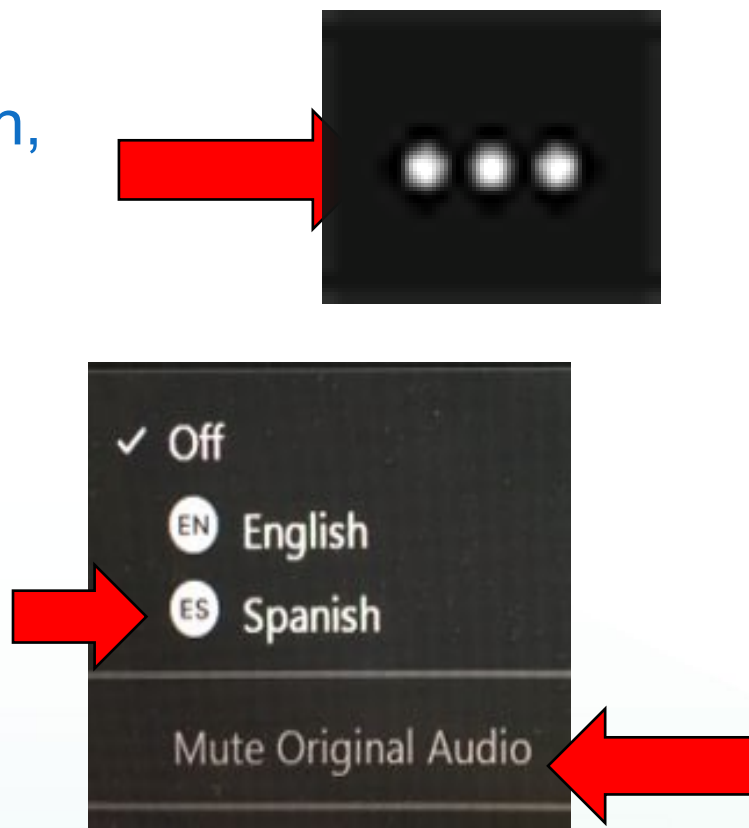
NOTE: To access interpretation, download Zoom application on your device. Interpreter will relate everything from English to Spanish during meeting and will inform you when to make public comment. Speak in Spanish and interpreter will relate comments to English.

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.

Interpreting on Tablet/Smartphone /Interpretación usando tableta o teléfono inteligente

To listen in English or Spanish,
use controls to:

- 1) Tap for more options
- 2) Tap interpretation
- 3) Tap preferred language
- 4) Tap "Mute Original Audio"



Para escuchar en inglés
o español, use los controles
para:

- 1) Tener más opciones
- 2) Hacer clic en interpretación
- 3) Escoger el idioma preferido
- 4) Hacer clic en "Mute Original Audio"

Note: To use interpretation
feature, download Zoom
application on your device.

Nota: Para usar la opción
de interpretación, descargue la
aplicación Zoom en su aparato.



Instructions / Instrucciones

- Meeting conducted 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
 - <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
 - <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. Discussion on Draft Report to the Legislature and Direction to CEC Staff on Revisions
 - a. Facilitated Discussion of Commissioner Comments
 - b. CEC Staff Summary of Comments Received During the Public Comment
- ~~3. Administrative Items~~
 - ~~a. Approval of Meeting Action Minutes for September 29, 2022~~
- ~~4. Informational Items~~
 - ~~a. Lithium Valley Commissioner Updates~~
5. Public Comment
6. Adjourn

1. Bienvenida y paso de lista
2. Discusión del Borrador de Informe a la Legislatura e Instrucciones para el Personal de la CEC sobre las Revisiones
 - a. Debates facilitados acerca de los comentarios de los comisionados
 - b. Resumen del personal de la CEC de los comentarios recibidos durante el período de comentarios del público
- ~~3. Temas administrativos~~
 - ~~a. Aprobación del acta de la reunión del 29 de septiembre de 2022~~
- ~~4. Temas informativos~~
 - ~~a. Actualización sobre el comisionado de Lithium Valley~~
5. Comentarios del público
6. Cierre de la sesión



Discussion on Draft Report to Legislature and Direction to CEC Staff on Revisions/

**Discusión del Borrador de Informe
a la Legislatura e Instrucciones
para el Personal de la CEC sobre
las Revisiones**



Consideration of Revised Draft Report and Recommendations

- Proposed Condensed Recommendations for Consideration
 - Consolidated from 44 to 23 Draft Recommendations, organized by issue area
 - Two new recommendations for discussion:
 - Priority Permitting
 - Economic Zone
- Redline Draft Report incorporating several Commissioner's comments
- Preliminary Overview of Public Comments Received



Facilitated Discussion / Debate Facilitado

Lisa Ballin, facilitator

Consensus and Collaboration
Program, California State
University Sacramento

Lisa Ballin, facilitadora

Programa de Consenso y
Colaboración, Universidad
Estatad de California en
Sacramento



Discussion of Proposed Condensed Recommendations



Permitting

Number	Recommendation	Topics	Responsible Entity or Action Type
1	Establish a Lithium Valley priority permitting process that includes additional agency support for projects identified as essential to the growth of Lithium Valley.	<ul style="list-style-type: none">• Market Opportunities• Legislative or Regulatory Changes	State and Local Agencies



Transmission Planning and Investment

Number	Recommendation	Topics	Responsible Entity or Action Type
2	Accelerate state planning for investment and upgrades in transmission for geothermal power plants in Imperial Valley to be online in 2024 and over the next decade.	<ul style="list-style-type: none">• Geothermal Power/Lithium Recovery• Potential Benefits of Geothermal Facilities /Grid Stability	State Agencies



Economic Development and Incentivizing Investment

Number	Recommendation	Topic	Responsible Entity or Action Type
3	Establish a regional economic zone centered on public-private partnerships.	<ul style="list-style-type: none">• Opportunities for Incentives and Investment	Economic Development Zone
4	Identify a regional planning area and investment zone, not limited by traditional city or county boundaries, but instead reflecting the region across counties that have similar or integrated economic activity. Require that state programs recognize this region to support competitive participation in state and federal funding programs.	<ul style="list-style-type: none">• Potential Economic Impacts• Opportunities for Incentive/Investments• Communities	Regional Competitiveness



Economic Development and Incentivizing Investment

Number	Recommendation	Topic	Responsible Entity or Action Type
5	To stimulate investment, development, and innovation, consider indexing the volume-based extraction tax to market prices.	<ul style="list-style-type: none">• Potential Economic Impacts• Opportunities for Incentives/Investments	Investment
6	Leverage existing support for research and development, start-up companies, and expansion of lithium battery and battery component manufacturing and recycling, especially cathode production using lithium produced through environmentally preferable methods.	<ul style="list-style-type: none">• Market Opportunities• Opportunities for Incentives/Investments• Overcoming Technical and Economic Challenges	Investment



Economic Development and Incentivizing Investment

Number	Recommendation	Topic	Responsible Entity or Action Type
7	Foster collaboration across the supply chain of lithium related technologies by creating networks, meetings, and other forums that regularly bring business, research, Tribes, communities, and government agencies together to identify short- and long-term economic opportunities.	<ul style="list-style-type: none"> Overcoming Technical and Economic Challenges Market Opportunities Potential Economic Impacts 	Supply Chain
8	Establish a business service center in Imperial County to facilitate access to business development incentive programs to benefit residents of disadvantaged communities, small businesses, and entrepreneurs.	<ul style="list-style-type: none"> Opportunities for Incentives/Investments Market Opportunities Community 	Imperial County



Circular Economy and Environmentally Sound Sourcing

Number	Recommendation	Topic	Responsible Entity or Action Type
9	Support development of a circular lithium economy based in California, with environmentally responsible sourcing of raw materials, requirements for product design that support recovery, reuse and recycling of materials, and development of effective recovery infrastructure, built with the assistance of public-private coalitions and effective community engagement.	<ul style="list-style-type: none">• Market Opportunities• Opportunities for Incentives / Investments• Potential Economic Impacts	State Agency



State Agency Initiatives and Programs

Number	Recommendation	Topic	Responsible Entity or Action Type
10	Fund, from sources other than Imperial County, a health impact study to be carried out by an academic institution or public agency relating to increased development in the Salton Sea KGRA of geothermal power plants and DLE facilities and related, processing, production, and related manufacturing activities.	<ul style="list-style-type: none"> • Community • Safe Environmental Methods and Standards • Environmental Impact 	Health Impact Assessment
11	Provide resources for local and state agencies to proactively seek and leverage existing federal funding opportunities to invest in infrastructure in the Salton Sea region, including funding made available through the Infrastructure Investment and Jobs Act of 2021 (H.R. 3684) and the Inflation Reduction Act of 2022 (H.R. 5376).	<ul style="list-style-type: none"> • Opportunities for Incentives/Investments • Market Opportunities • Overcoming Technical and Economic Challenges 	Local and State Agencies



State Agency Initiatives and Programs

Number	Recommendation	Topic	Responsible Entity or Action Type
12	<p>Establish a centralized permit and regulatory reporting tracking system for California projects that extract lithium from geothermal brine and lithium-related projects, such as lithium battery component manufacturing and recycling. Identify and authorize the most appropriate state agency(ies) to establish and oversee a program requiring that entities recovering and producing lithium in California report the operations of their facilities across a set of metrics, such as water use, emissions, waste produced and managed, and make the information accessible to and understandable by members of the public.</p>	<ul style="list-style-type: none">• Overcoming Technical and Economic Challenges• Legislative or Regulatory Changes• Market Opportunities• Safe Environmental Methods and Standards• Community	State Agency



Potential Environmental Impacts

Number	Recommendation	Topic	Responsible Entity or Action Type
13	Require and fund a study on whether increased geothermal development and DLE – and anticipated related development – would result in cumulative environmental impacts beyond those addressed in project level environmental review and, if so, include recommendations to avoid, reduce, or minimize those impacts.	<ul style="list-style-type: none">• Potential Environmental Impacts• Safe Environmental Methods and Standards• Community• Tribal	State Agencies or Academia
14	Require and fund a water study of projected cumulative infrastructure development of geothermal power plants and DLE facilities and related water use, sources, and availability.	<ul style="list-style-type: none">• Potential Environmental Impacts• Safe Environmental Methods and Standards	State Agency, Academia, or IID



Workforce Development

Number	Recommendation	Topic	Responsible Entity or Action Type
15	Require or establish incentives for developers to enter into, and continue entering into, project labor agreements, implement High Road principles, and prioritize local hiring.	<ul style="list-style-type: none">• Potential Economic Impacts• Community	State Agency
16	Invest in creation of curriculum, courses, and certification programs in science, technology, engineering, and mathematics (STEM) at local schools and colleges to advance critical knowledge and skills across all grade levels.	<ul style="list-style-type: none">• Potential Economic Impacts• Community	School Districts and Trade Schools



Community Benefits and Safety

Number	Recommendation	Topic	Responsible Entity or Action Type
17	<p>Invest in repairs, improvements to critical infrastructure and housing needed to support the success of lithium recovery, lithium processing, and lithium-dependent product manufacturing and recycling in the Salton Sea region, with a focus on the infrastructure and communities closest to geothermal powerplants and DLE facilities. Investment decisions should consider community priorities and include opportunities for participatory budgeting that includes public process and community involvement.</p>	<ul style="list-style-type: none">• Potential Economic and Environmental Impacts• Community	Imperial and Riverside Counties
18	<p>Require and provide funds for the formation of a community advisory council to provide input and guidance on community priorities such as community benefits agreements, actions to protect public health and safety, and infrastructure improvements.</p>	<ul style="list-style-type: none">• Community• Safe Environmental Methods and Standards	Local Agencies



Community Benefits and Safety

Number	Recommendation	Topic	Responsible Entity or Action Type
19	Make information available and provide education to residents and affected businesses and service providers regarding the materials and processes used in DLE and lithium processing facilities, the final and intermediate products created, and any waste streams that must be managed.	<ul style="list-style-type: none">• Community• Safe Environmental Methods and Standards	CEQA Lead Agencies



Outreach and Engagement

Number	Recommendation	Topic	Responsible Entity or Action Type
20	Provide capacity building funds, such as grants, and other resources (e.g., childcare for parents to attend meetings) for Tribes and community members to engage with federal, state and local permitting agencies.	<ul style="list-style-type: none">• Community• Tribal• Potential Economic Impacts	Local and State Agencies
21	Establish standards for state and local permitting agencies to provide communities and Tribes with plain language written communications about geothermal power plant and DLE facility applications, the permitting processes to review the application, and post-approval monitoring and enforcement.	<ul style="list-style-type: none">• Community• Tribal• Legislative or Regulatory Changes	Local and State Agencies



Outreach and Engagement

Number	Recommendation	Topic	Responsible Entity or Action Type
22	Develop best practice guidance for lead agencies when initiating communications and consultation with Tribes (e.g., making multiple attempts through different methods, such as mail, email, telephone); providing reasonable time for Tribal governments to evaluate written materials; and, recognizing the specific cultural, historical, public health, and ecological context of the Salton Sea region.	<ul style="list-style-type: none">• Legislative or Regulatory Changes• Community• Tribal	CEQA Lead Agencies
23	Engage a local coalition of public agencies and residents to identify whether additional actions are needed to protect public health and safety as well as improvements needed to attract new, sustainable business development and economic activity.	<ul style="list-style-type: none">• Potential Economic Impacts	Local Agencies



Next Step in Consideration of Public Comment on Initial Draft Report

Concurrent Review:

Commissioners

- Review independently and provide direction to staff on potential modifications to the next iteration of the report

Staff

- Review comments and provide recommendations on potential appropriate modifications to the next iteration of the report



Next Steps

Target Date	Milestone
October 31	Commission Meeting deliberating on modifications to Draft Report
November 4	Commissioners provide written comment to Staff on requested modification to Draft Report (Staff to docket)
November TBD	Proposed Modifications to Report Released
November 17	Commission Meeting to discuss proposed modifications and approve content of Final Report
December 1	Final Report submitted to the Legislature



Public Comment / Comentarios del público

Comment Instructions:

Limited to 3 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

Instrucciones para los comentarios:

Límite de 3 minutos por comentario

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Adjourn / Levantar la sesión



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

Thank you!

¡Gracias!

LithiumValleyCommission@energy.ca.gov

Break / Receso

Return at / Volvemos a las: 1:00 pm

LithiumValleyCommission@energy.ca.gov