

**DOCKETED**

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## **ITEM 7: Workshop Summary: Joint Agency Workshop to Plan for Senate Bill 100 Resource Build – Analysis of Land Use Implications**

March 2022 Disadvantaged Community Advisory Group Meeting  
Erica Brand, Siting, Transmission, and Environmental Protection Division



# Joint Agency Workshop to Plan for Senate Bill 100 Resource Build – Analysis of Land Use Implications

- CPUC, CEC, and CAISO provided background on the current status of energy resource planning and coordination on land use, including the Integrated Resource Plan (IRP), SB 100, 2040 Starting Point Scenario, and the 20-Year transmission outlook.
- Panel discussion on the 2040 SB 100 Starting Point Scenario and next steps to plan for the resource build
- Panel discussion on considering land use in SB 100 analysis



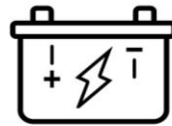
# 2021 SB 100 Report: Resource Build Rates



Solar & Wind

**3X**

Solar and wind build rates need to nearly triple\*



Battery

**8X**

Battery storage build rates need to increase by nearly eightfold\*\*



# 2021 SB 100 Report: Land Use Recommendations

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## The 2021 Joint Agency Report identified two key land-use-related recommendations:

- Analyze projected land-use impacts of scenarios and opportunities to reduce environmental impacts.
- Define and include social costs and non-energy benefits (NEBs) in future analyses: land-use impacts.

“Future system modeling and land-use impacts must be coordinated with any recommendations from the Climate Smart Strategy called for in Executive Order N-82-20 and the AB 32 Scoping Plan.”



# Themes and Feedback - Panel on considering land use in SB 100 analysis

Topic of Discussion	Feedback
Approaches to modeling land use and environmental implications	<ul style="list-style-type: none"><li>• Spatial planning of clean energy infrastructure is important for anticipating impacts and maximizing benefits for conservation, communities, and climate targets.</li></ul>
Integrating communities into land use analysis for energy resource planning	<ul style="list-style-type: none"><li>• Necessary to focus on local scale because land use considerations are localized/community-based.</li><li>• Need to better integrate statewide electricity planning and local land use planning.</li></ul>
SB 100 and Sustainable Groundwater Management Act (SGMA) Implementation in the San Joaquin Valley	<ul style="list-style-type: none"><li>• Similar implementation timelines.</li><li>• Solar is a potential alternative land use for agricultural land that may come out of production.</li><li>• Interagency coordination essential, including with Department of Conservation's Multibenefit Land Repurposing Program.</li><li>• Coordination with local organizations involved in land repurposing is timely and important.</li></ul>



# 2022 Priority Land Use Activities

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1. Continue interagency coordination on land use in energy resource planning.
2. Solicit input on future SB 100 modeling to best incorporate land use implications.
3. Local outreach and engagement on future resource build pathways to achieve SB 100.
4. Coordinate with IEPR team on a planning assumptions package that includes land use information.



# Thank You

