

**DOCKETED**

<b>Docket Number:</b>	22-BUSMTG-01
<b>Project Title:</b>	Business Meeting Agendas, Transcripts, Minutes, and Public Comments
<b>TN #:</b>	243937
<b>Document Title:</b>	Presentation-Item 9-Advancing California's Electricity Resource Planning Tools to Assess and Improve Climate Resilience
<b>Description:</b>	Presentation to support item 9, request for approval of agreement with Lumen Energy Strategy, LLC
<b>Filer:</b>	Susan Wilhelm
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	7/7/2022 2:26:00 PM
<b>Docketed Date:</b>	7/7/2022



# **Item 9: Advancing California's Electricity Resource Planning Tools to Assess and Improve Climate Resilience (EPC-22-001, Lumen Energy Strategy, LLC)**

July 13, 2022, Business Meeting

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Energy Research and Development Division  
Energy Generation Research Office



# Benefits to Californians

- Advances state goals.
- Helps state become more climate resilient.





# Research Objectives with Lumen

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- Develop framework for characterizing resilience
- Build assessment model
- Assess resource portfolios' resilience
  
- Revise model inputs
  - Produce new inputs based on climate projections
  - Support several planning processes

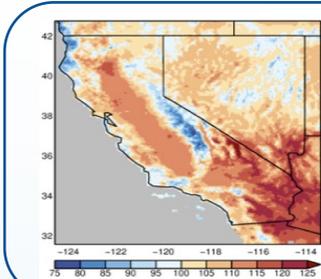


# Coordinated Portfolio to Advance Climate-Informed Planning

## Ongoing Agreements



Cal-Adapt Analytics Engine



Development of Climate Projections



## GFO-21-302: Climate Resilient Transition

**EPC-22-001, Lumen: Advancing California's Electricity Resource Planning Tools to Assess & Improve Climate Resilience**

Climate-Informed Load Forecasting & Electric Grid Modeling (E3)

Climate-Informed Zero-Carbon Generation Capacity Modeling (Eagle Rock Analytics)



# Staff Recommendation

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- Approve grant agreement with Lumen Energy Strategy, LLC
- Adopt staff's determination that this item is exempt from CEQA