

DOCKETED

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SB100 Analysis Planning

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SB 100 Analysis

- Modeling Assumptions
- Planned SB 100 Analysis



SB 100 Report

Quantitative Analysis

- Identify several statewide resource portfolios that meet renewable energy and climate targets
- Establish a basis for assessing costs, benefits, and impacts at the statewide level
- Leverage opportunities for the qualitative analysis and quantitative analysis to inform one another

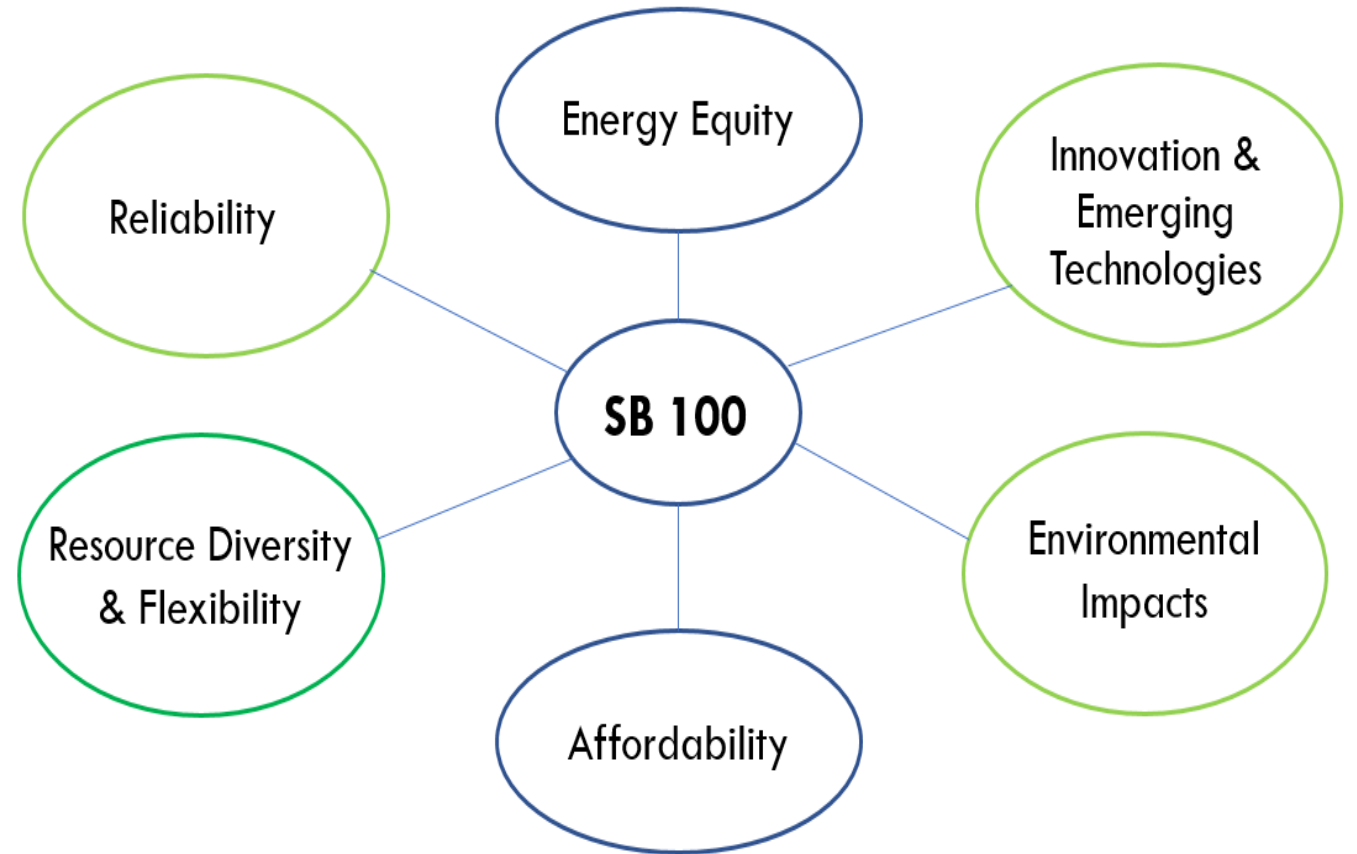


Planned SB 100 Analysis



Quantitative

- Modeling of **statewide resource scenarios** to meet targets
- Evaluation framework for **costs, benefits and impacts**





Modeling Assumptions

- Leverage Existing Studies
 - CEC Deep Decarbonization Report
 - SB100 2045 Framing Study for CPUC IRP
- Maintain consistent input data and underlying policy assumptions where possible, while understanding any differences
 - Consider additional sensitivities of interest to policy leaders and stakeholders
- Look to POU IRP publications and studies
 - Capture value from the POU perspective
 - Learn from other approaches like those developed in the LA100 study



Planned SB 100 Analysis

- Extend the scope of the 2045 Framing Study statewide
 - Scoping discussions underway with project consultant (E3)
 - Extend analyses of the High Electrification, High Biofuels and High Hydrogen scenarios
 - Add RESOLVE model representation for IID, LADWP, BANC and TID
 - Consider sensitivity variations to the scenarios
- Assess alignment of CEC Deep Decarbonization demand projections with the California Energy Demand Forecast
 - Identify underlying differences
 - Analyze implications relative to the three scenarios and the Deep Decarbonization reference scenario



Timeline

- **First Quarter 2020**: Initiate and complete the planned SB 100 analysis modeling exercise
- **Second Quarter 2020**: Incorporate the modeling results, analyses and findings into the Draft SB 100 Joint Agency Report

SB 100 Engagement

- Submit comments to CEC Docket 19-SB-100
- Visit the SB 100 Joint Agency Report webpage: <https://www.energy.ca.gov/sb100>

Thank You



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