



# CEC Senate Bill 1075 Analysis

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# CEC Requirements

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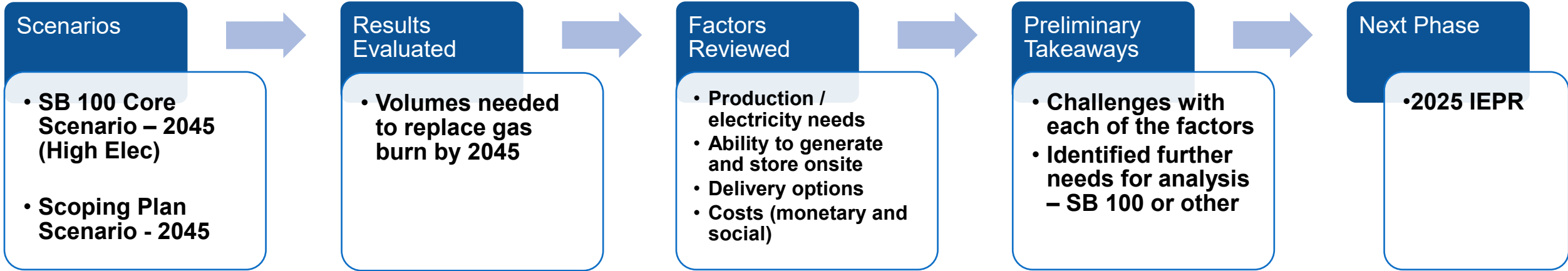
- Senate Bill 1075 (Skinner, Statutes of 2022)
  - Study and model potential growth for “green” hydrogen
  - Power generation and transportation sectors
- Provided in 2023 and 2025 Integrated Energy Policy Reports



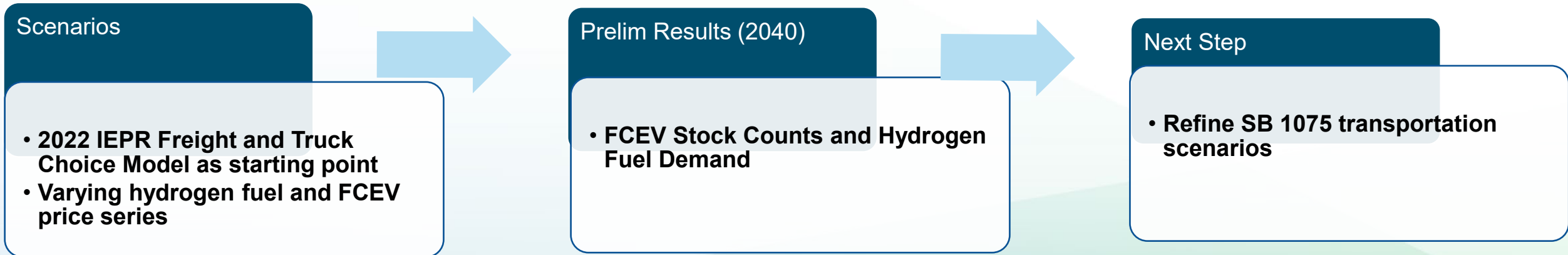
# Starting the Discussion

## H2 Potential – Generating Electricity, Transportation

### Power Generation



### Transportation





# EPIC and Gas R&D Program Investments

- Over \$45M in active and planned investments

## Production, Conveyance and Storage

- Hydrogen production
- Blending into existing gas system
- Large-volume hydrogen storage
- Mobile energy storage for emergency power



## End Use

- Fuel cells transportation demonstration
- Refueling infrastructure for heavy transport
- Industrial clusters and end uses
- Power generation and emissions control



# September 8<sup>th</sup> IEPR Workshop

## Morning Session

- Commissioner Opening Remarks
- “Setting the Stage” presentations
- CEC Presentation: “Approach and Preliminary Results of CEC Analysis”

## Afternoon Session

- Panel: “Potential Adoption of Hydrogen for Decarbonizing Power Production”; moderated discussion
- Panel: “Potential Adoption of Hydrogen for Decarbonizing the Transportation Sector”; moderated discussion
- CEC Presentation: “CEC Funding of R&D Hydrogen Projects”



**Thank You!**

