

# Imperial Valley's Path Forward for Renewables

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# The Big Picture

- 1. National/Global Context:
  - California is the leader
  - Imperial County is key
  - what we do here will be a global model
- 2. Risk to Return: 80x50 for USA
  - energy efficiency
  - electrification
  - decarbonization
  - \$1 Billion/day in clean tech investment
  - comparable to information technology



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  - RPS favors "least cost" but not "best fit"
  - Effective Load Carrying Capacity of solar plummets and curtailment climbs with higher levels of solar PV
  - Storage technologies, Demand Response, and smart grid operation can reduce the mismatch for solar PV
  - Market structures and operation favor flexibility
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# California State Policies

- 4. Disadvantaged Communities matter:
  - SB 535 (De Leon), SB 350 (De Leon), and AB 197 (Garcia) require CARB, CPUC, and CEC processes
  - Focus on economic development opportunities through Integrated Resource Planning (IRP) process
  - Target energy efficiency and vehicle electrification
  - Reduce co-pollutants burdening communities
  - Allocate at least 25% of all renewables generation to projects located within disadvantaged communities

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# What We Need

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Thank You!