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California Energy Commission

Title: SB 350 and Industrial Decarbonization – Setting the Stage

Presenter: Heriberto Rosales

Date: August 3, 2021



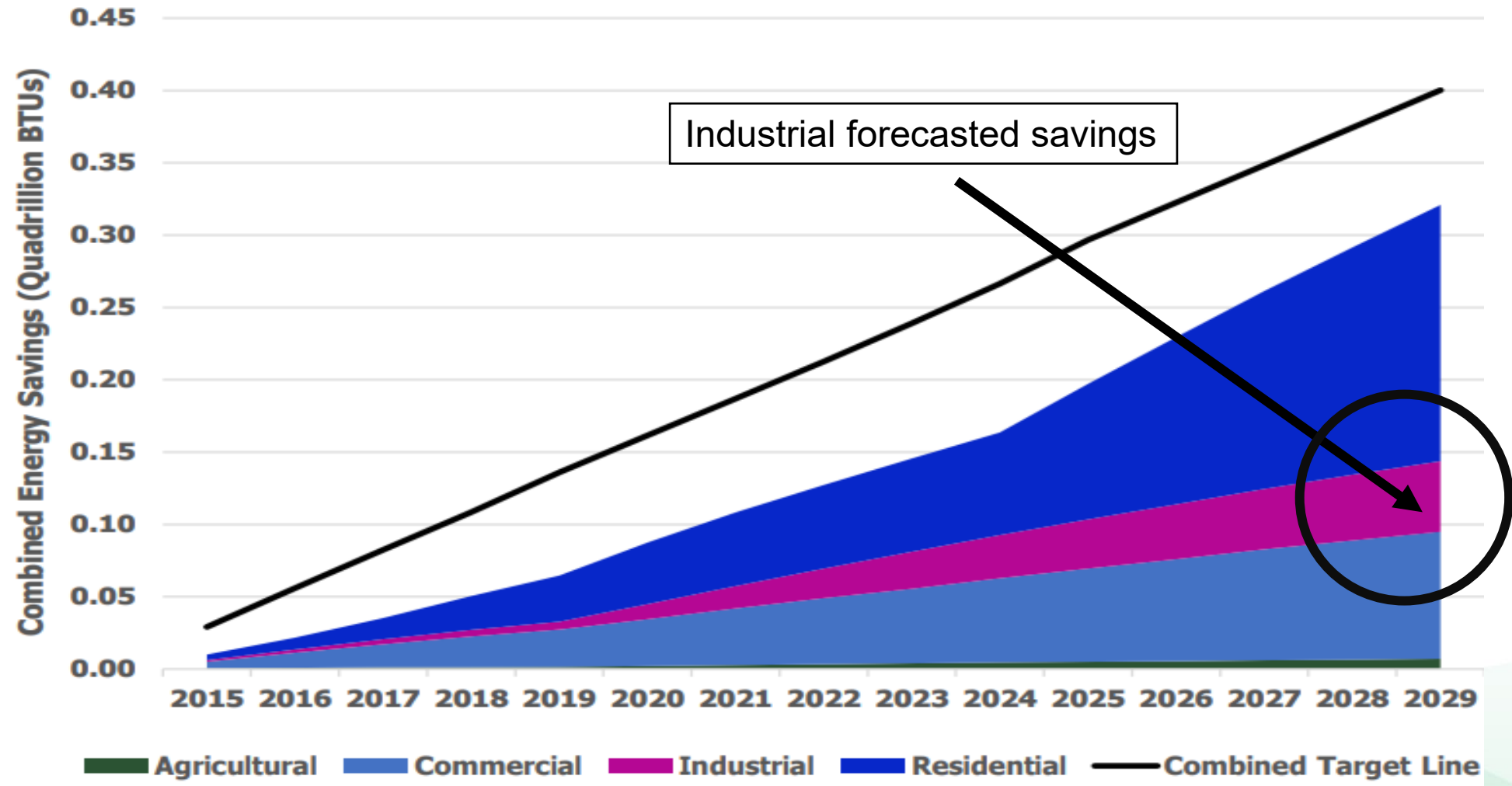
CA Industrial Sector Energy Profile

- 20 percent of the state's total energy use
- Second largest *natural gas consuming sector* in the state
- Small energy efficiency contributor relative to consumption
- Second largest *greenhouse gas emitting sector* in the state, behind transportation





SB 350 Forecasted Combined Electric & Gas Energy Savings





Industrial Sector Energy Efficiency Barriers

- Diversity of Industry Sub-sectors
- Diversity of Industrial Processes
- Disruption to Process
- Lack of Financial Access
- Lack of Energy Codes and Standards
- Lack of Information





Industrial Sector Energy Efficiency Opportunities/Strategies

- Industrial Energy Efficiency Cohorts
- Strategic Energy Management (SEM) programs
- Research, Development and Advanced Technology Demonstrations
- Utility or State Financing





Comments or Suggestions?

We'd like to hear from you...

- What key policy ideas or suggestions would help reduce industrial sector energy consumption and emissions?
- What Industrial sub-sectors lend themselves to short-term market transformation?
- What best-practices do you recommend?
 - *Energy Efficiency Investments*
 - *Decarbonization Strategies*



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