

DOCKETED	
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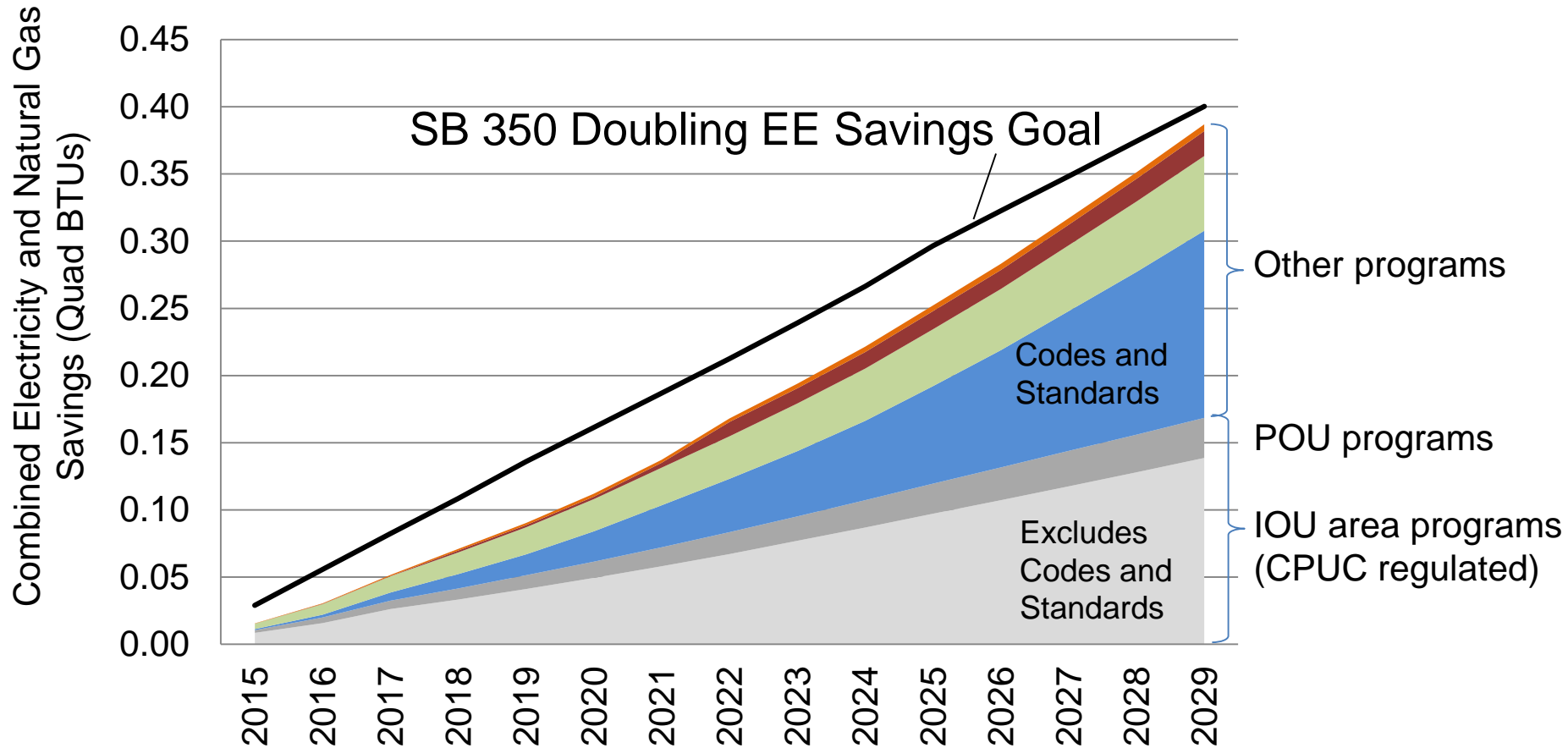
SB 350 doubling energy efficiency savings

Contributions from CPUC energy efficiency policy and program administrators

Alison LaBonte, California Public Utilities Commission
Christina Torok, Lola Odunlami, Sarah Lerhaupt, Reese Rogers



Contributions to SB 350 goal

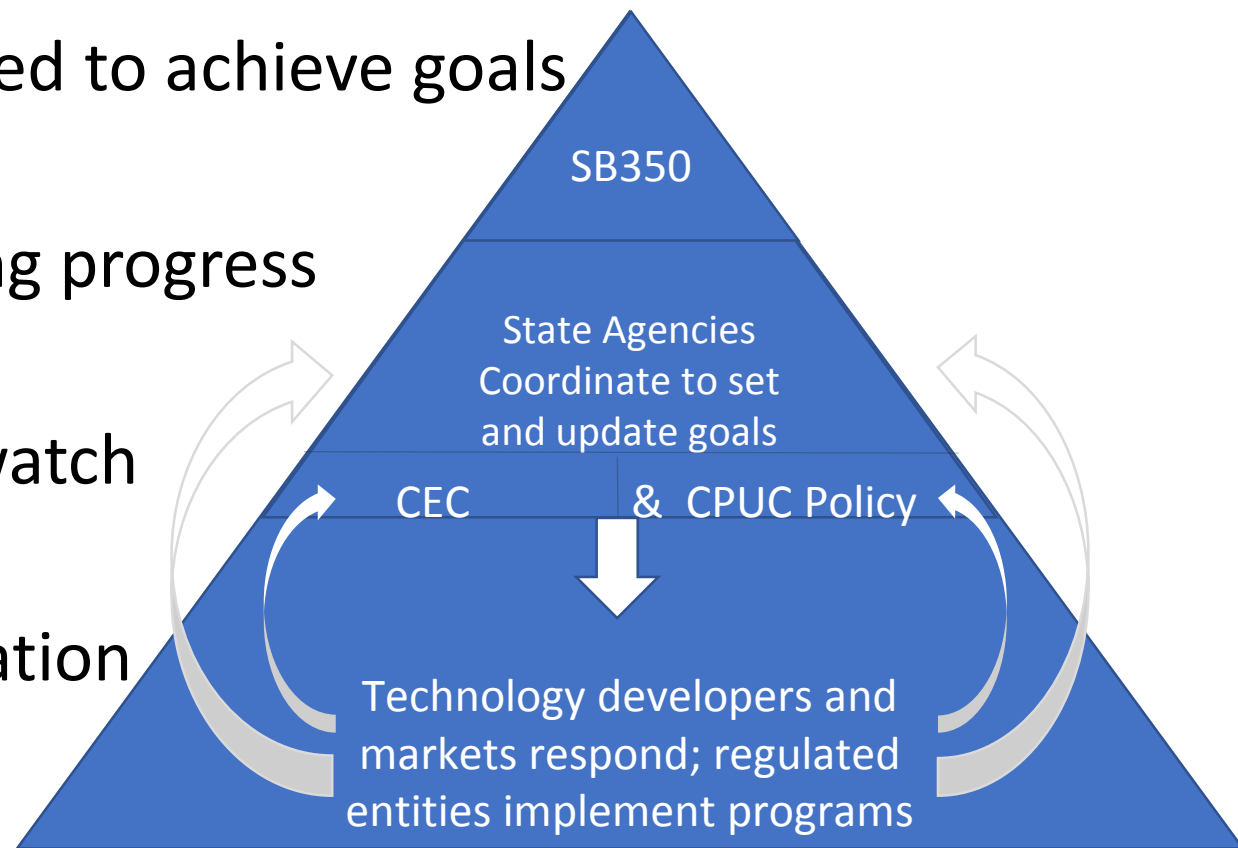


California Energy Commission, Final Commission Report,
CEC-400-2017-010-CMF, October 2017



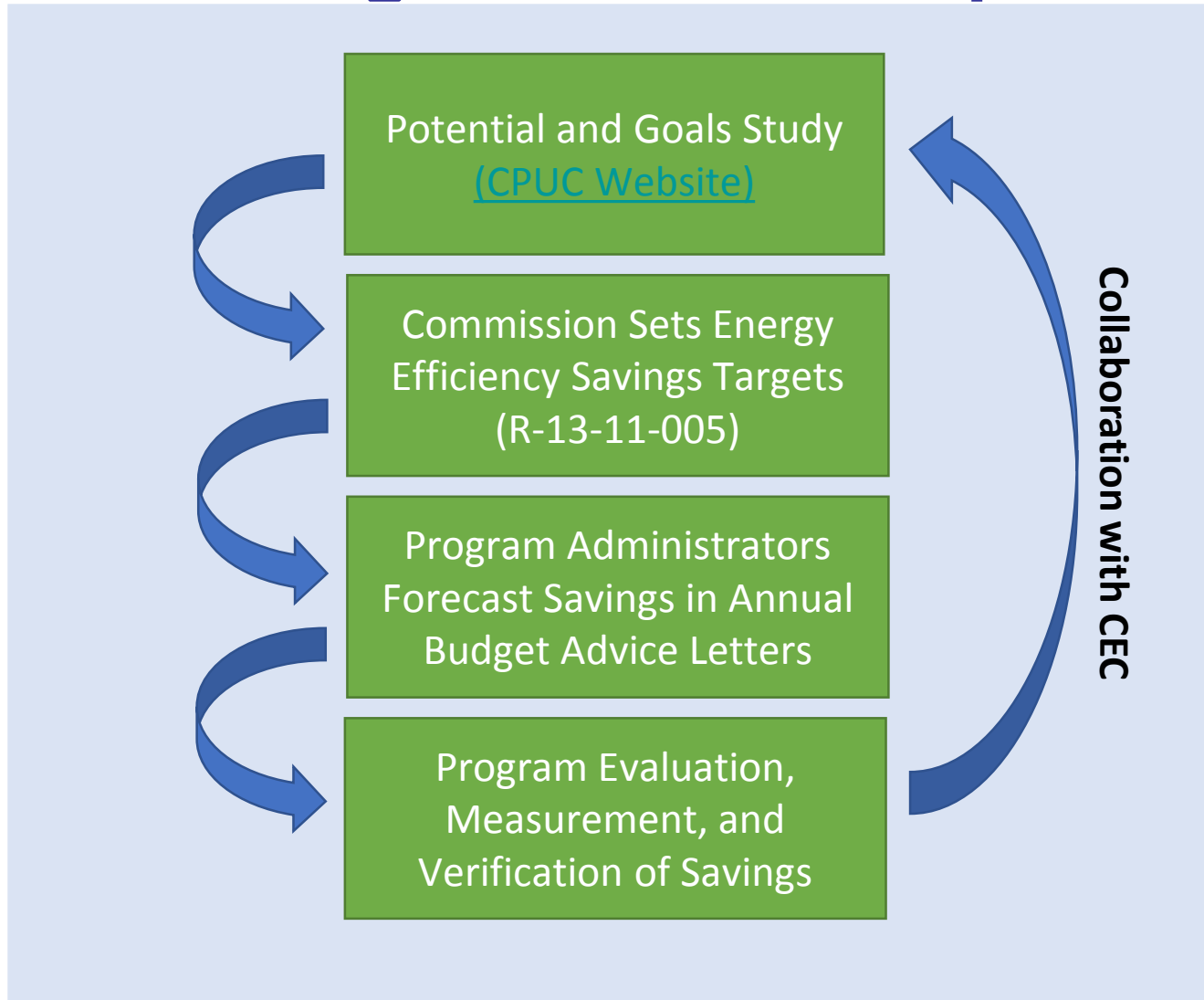
Overview

- Recap - coordination on goal setting
- CPUC policy designed to achieve goals
- Metrics and Tracking progress
- New programs to watch
- Continued coordination





EE Savings Goals Development

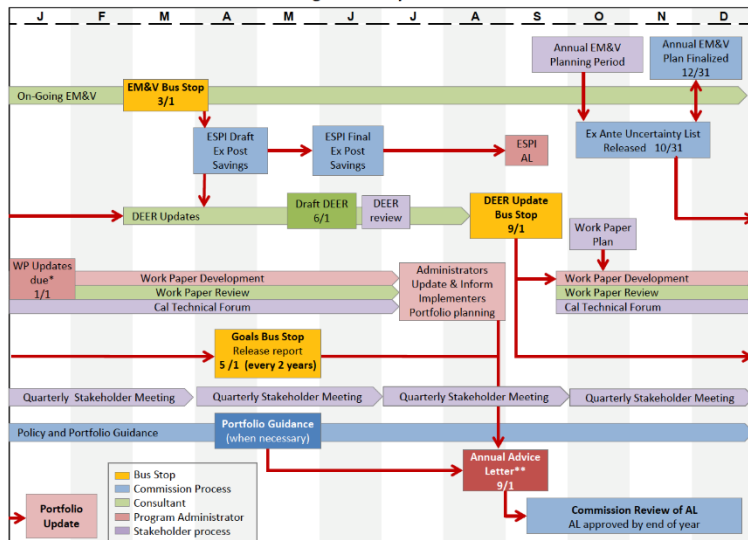


CPUC Policy – what's the same, what's new?

Rolling portfolio mechanics (2015)

R.13-11-005 ALJ/TOD/sbf/dc

Rolling Portfolio Cycle Schedule



ALJ/JF2/jt2/lil Date of Issuance 1/17/2018

Decision 18-01-004 January 11, 2018

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of Southern California Edison Company (U338E) for Approval of Energy Efficiency Rolling Portfolio Business Plan. Application 17-01-013

And Related Matters. Application 17-01-014
Application 17-01-015
Application 17-01-016
Application 17-01-017

(See Appendix A for Appearances)

DECISION ADDRESSING THIRD PARTY SOLICITATION PROCESS FOR ENERGY EFFICIENCY PROGRAMS

ALJ/JF2/VUK/jt2 **PROPOSED DECISION** Agenda ID #16419 (Rev. 3) Ratesetting 5/31/2018 Item #43

Decision **PROPOSED DECISION OF ALJ's FITCH AND KAO** (Mailed 4/4/18)

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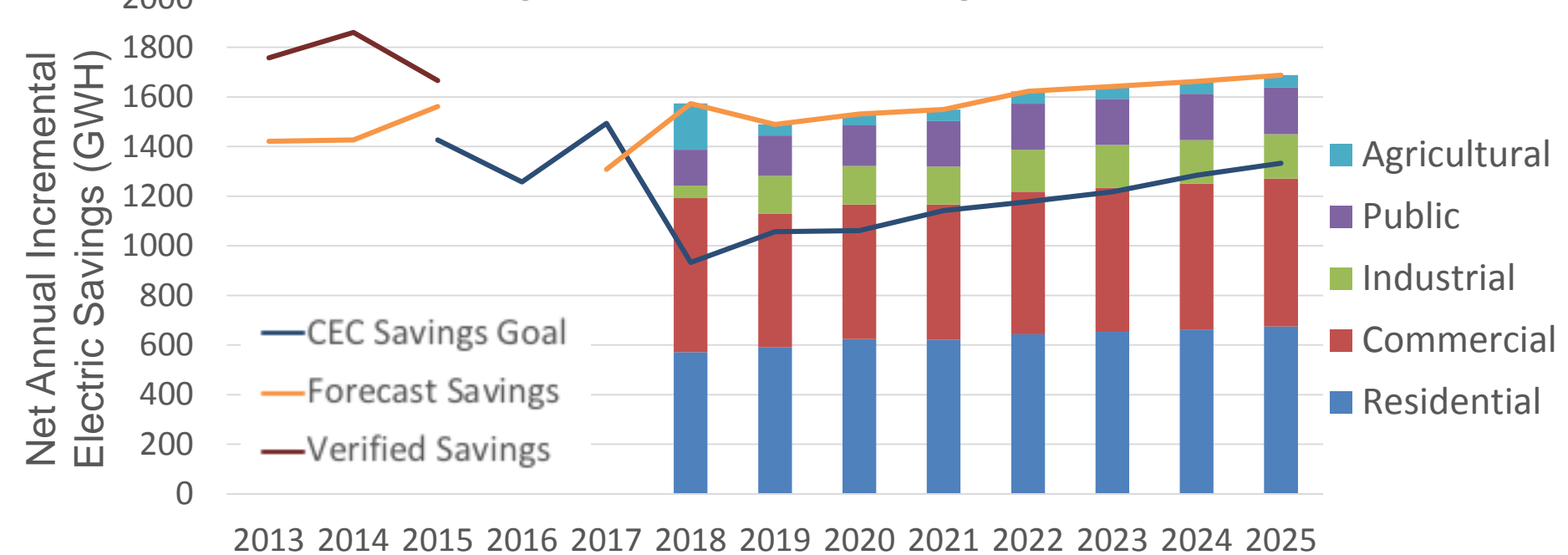
DECISION ADDRESSING ENERGY EFFICIENCY BUSINESS PLANS

First set of business plans under the rolling portfolio framework, implementing third party solicitation (May 31, 2018)



EE electric savings by sector

Total of all program administrator savings in IOU areas



Excludes Codes and Standards (C&S); Annual Incremental represents savings the first year that the measure is implemented. It does not consider the additional savings that the measure will produce over the life of the equipment.

CEC 2018-2025 savings goal is the CPUC 2017 Goals and Potential Incremental Net Market Potential Savings goal w/o C&S

Forecast and actual achieved savings for 2013-2015 program years from [2013-2015 EM&V report](#) are gross savings

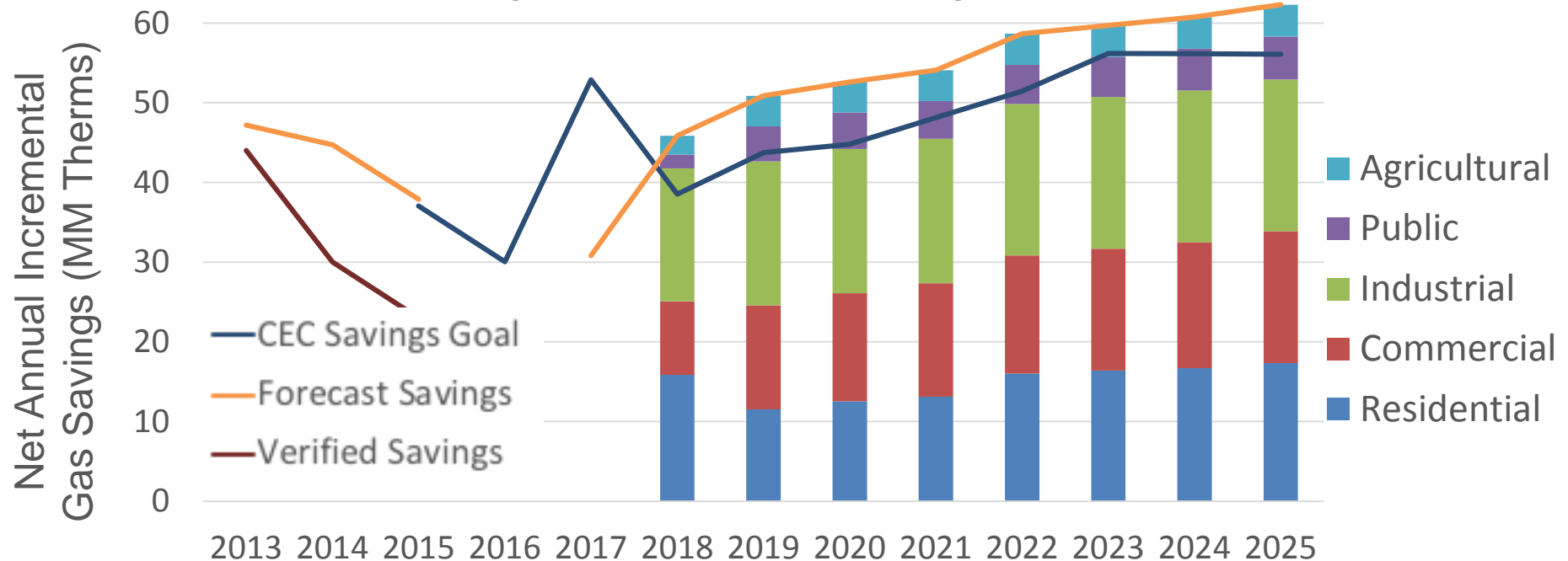
IOU area total net savings across all program administrators (PAs) 2018-2025 forecasts requires update. This summation contains inaccuracies unreconcilable at this time including:

- 1) Business plan forecasts for PG&E did not extend to 2025. CPUC staff had to extrapolate for years beyond 2020.
- 2) A portion of RENs Savings and IOU Savings are double counted, and data not yet available to resolve double counting.
- 3) PAs will be allowed "true-up" to their annual budgets to adjust to meet 2017 Goals and Potential Savings (vs 2015)
- 4) Savings targets based on IOU assumptions of timing and achievable savings from third party designed and admin programs.



EE gas savings by sector

Total of all program administrator savings in IOU areas



Excludes Codes and Standards (C&S). Annual Incremental represents savings the first year that the measure is implemented. CEC 2018-2025 savings goal is the CPUC 2017 Goals and Potential Incremental Net Market Potential Savings goal w/o C&S. Forecast and actual achieved savings for 2013-2015 program years from [2013-2015 EM&V report](#) are gross savings. IOU area total net savings across all program administrators (PAs) 2018-2025 forecasts requires update. This summation contains inaccuracies unreconcilable at this time including:

- 1) Business plan forecasts for PG&E did not extend to 2025. CPUC staff had to extrapolate for years beyond 2020.
- 2) A portion of RENs Savings and IOU Savings are double counted, and data not yet available to resolve double counting.
- 3) SoCalGas savings data to reflect increased budget by \$19.4M annually from Commission Decision updated for 2018 only.
- 4) PAs will be allowed "true-up" to their annual budgets to adjust to meet 2017 Goals and Potential Savings (vs 2015).
- 5) Savings targets based on IOU assumptions of timing and achievable savings from third party designed and admin programs.



Transforming EE programs in California

- Market Transformation - a framework to recognize energy savings from market-level accomplishments (COMING SOON)
- Normalized Metered Energy Consumption (“NMEC”) per AB 802 (NEW)
- “Behavioral, Retrocommissioning and Operational” (or “BRO”) measures.
 - Pay-for-Performance (NEW)
- Strategic Energy Management (Industrial sector) (NEW)
- AB 793 Energy Management Technology Programs (NEW)
 - and other emerging third party programs
- Financing



Measuring progress, identifying success

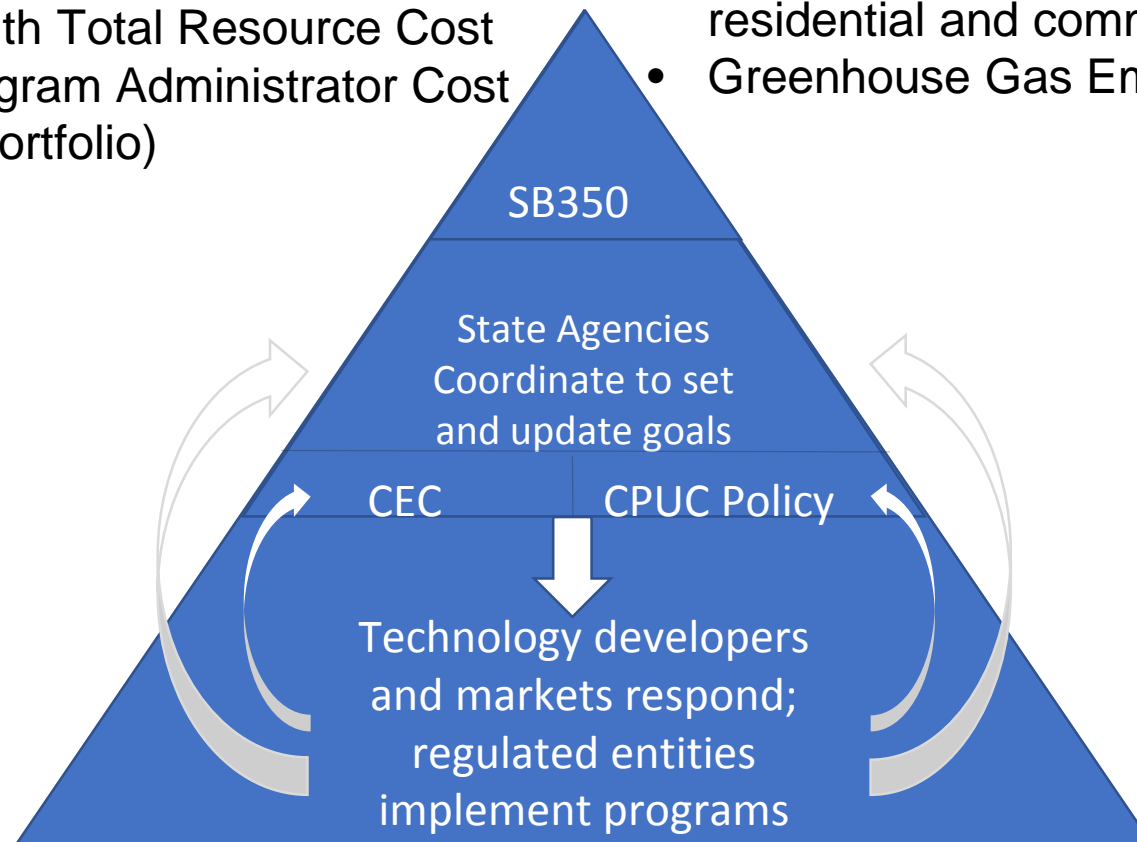
Original Portfolio and Sector Metrics

- Capturing Energy Savings: Annual and lifecycle savings in kW, kWh, Therms (portfolio and sector)
- Portfolio, Program and Measure Costs (\$)
- Cost-Benefit with Total Resource Cost (TRC) and Program Administrator Cost (PAC) Tests (portfolio)

Additional Metrics

Commission Decision Attachment A

- Disadvantaged Communities (portfolio and residential sector)
- Hard-to-Reach Markets (portfolio & residential and commercial sectors)
- Greenhouse Gas Emissions (sector)





Serving all Ratepayers

EE Activities

Rolling Portfolio/
Business
plans

Low income
Energy Savings
Assistance (ESA)

ESA Pilot
programs

Defining
Non-Energy
Benefits

Metrics for EE in
DAC

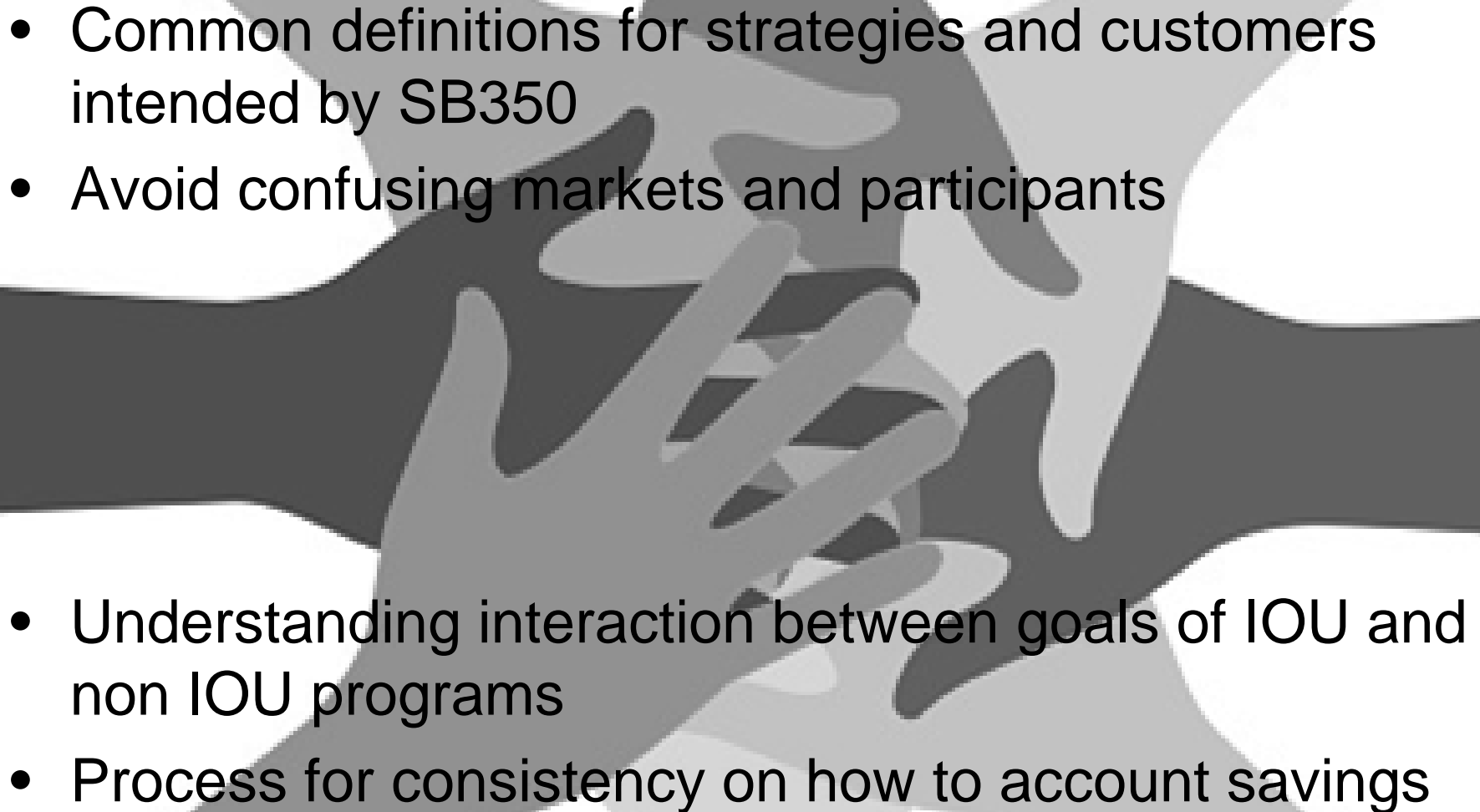
San Joaquin Valley
(AB 2672)

DAC
Advisory
Group

Disadvantaged
Communities (DAC) Activities



Coordinating on challenges ahead

- Common definitions for strategies and customers intended by SB350
 - Avoid confusing markets and participants
 - Understanding interaction between goals of IOU and non IOU programs
 - Process for consistency on how to account savings
- 



Thank you

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