



Climate Change Caucus

LWVC Convention 2015

**League of Women Voters
of the Bay Area
and
LWV of Berkeley-Albany-Emeryville**



Agenda

Introduction

Linda Craig

SB 32

Gail Schickele

SB 350

Diz Swift

What You Can Do

Ruby MacDonald

DISCUSSION



Basis of LWV Support

- LWVUS “Defending the Environment”
 - Global Climate Change
 - Clean Air Defense
 - Clean Energy
- LWVC positions on Air Quality and Energy
- 20 California Leagues chose “Climate” as priority in 2015 Program Planning



LWVC Supports Bills

SB 32

Support

SB 350

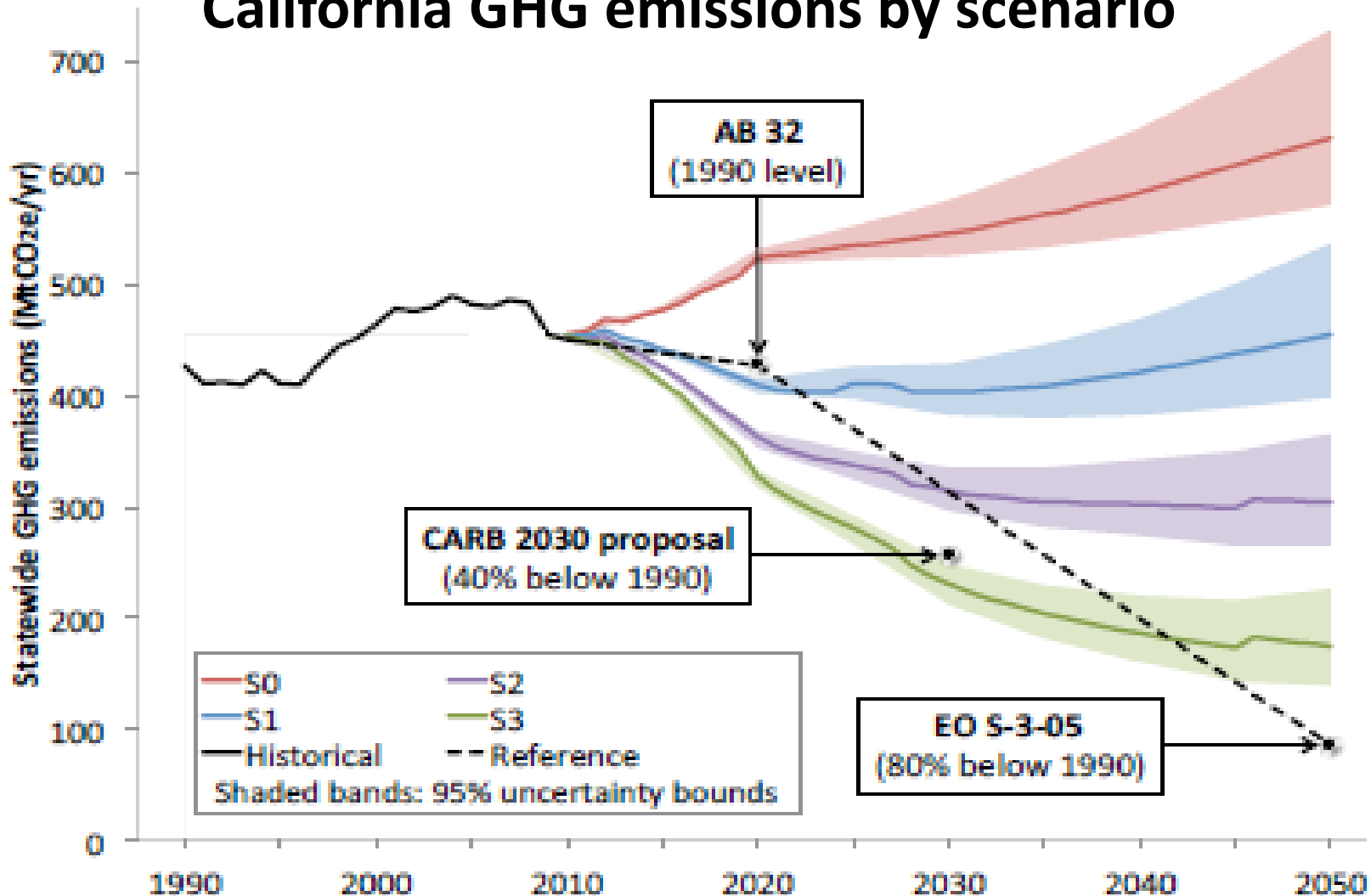
Support in Concept

- LWVC approved support letter
- Local Leagues may contact their legislators
- Updates on status, hearings and arguments:
 - LWVC “bill status report” on web page
 - Hearings on CalChannel.com archives
 - Staff analysis reports on www.leginfo.ca.gov



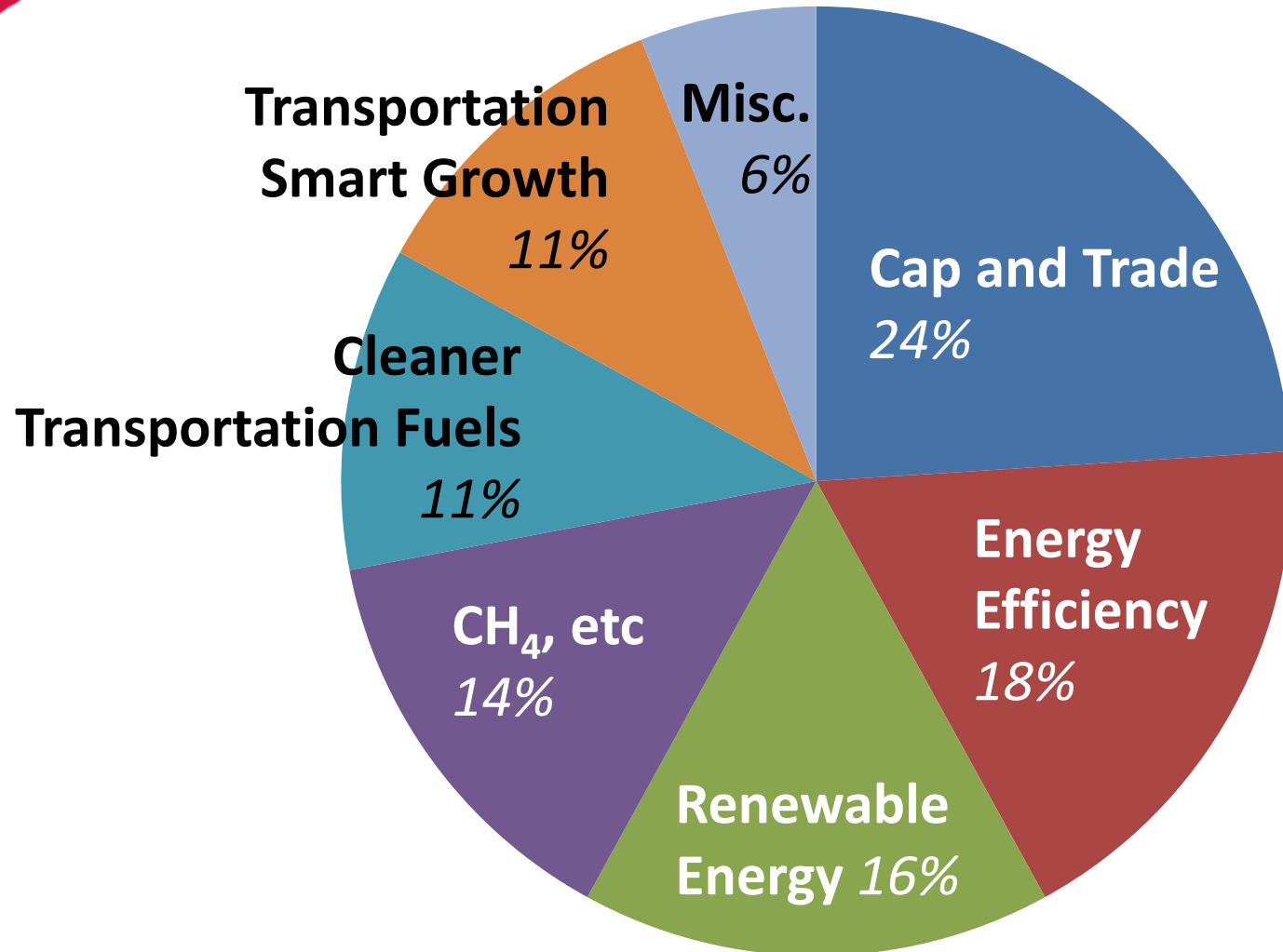
On Track, but...

California GHG emissions by scenario





Emissions Reductions Needed



LWW



Senate Bill 32

SB 32



Senate Bill 32

Present Law: AB 32 Global Warming Solutions Act (2006)

- Designates CARB to monitor and regulate GHGs to reduce emissions to 1990 levels by 2020
- California Cap-and-Trade program covers only 20% of the emissions decrease
- Other programs such as Low Carbon Fuel emissions standards make up the other 80%

Air Quality Concerns

- Ozone (O₃)
- Toxic Air Contaminants (TACs)
- Fine Particulate Matter (PM_{2.5})
- Climate Pollutants (e.g. GHG)
- California produces 8.9% of U.S. GHGs and is 12th place in global emissions



Senate Bill 32

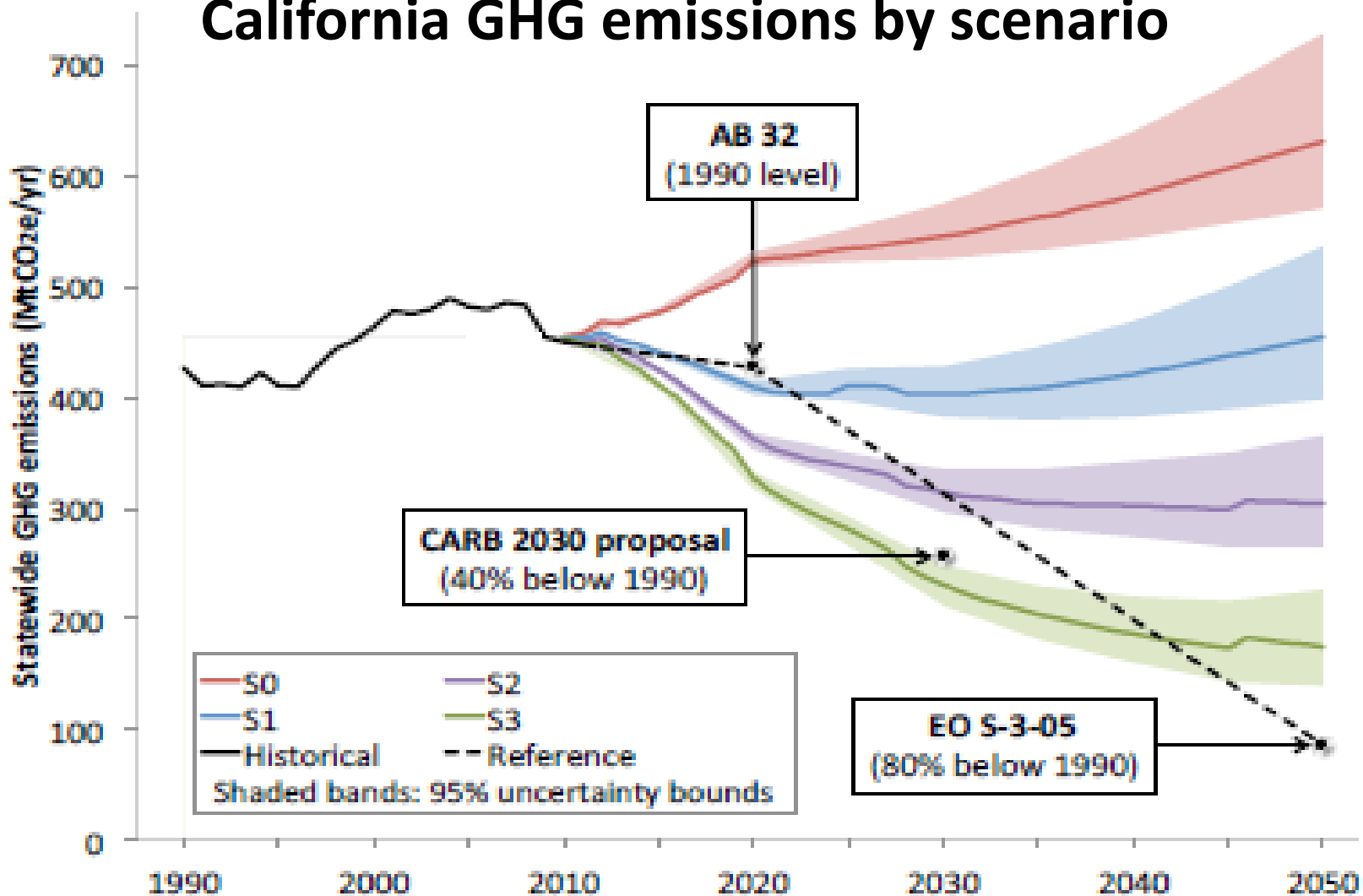
League Positions

- **Energy** – protect environment, public health and safety
- **Air Quality** – establish strict air quality standards to protect public health and welfare
- **LWVUS policy on Climate Change** – supports legislative solutions including GHG and carbon caps



On Track, but...

California GHG emissions by scenario





Senate Bill 32

SB 32 (Pavley)

- Makes Governor Schwarzenegger's Executive Order S-3-05 into LAW
- Extends enforceable GHG reductions target of 80% below 1990 levels by 2050
- California Air Resources Board (CARB) to approve interim targets for 2030 and 2040
- Legislature and appropriate agencies to adopt complementary policies that ensure long-term emissions reductions



Senate Bill 32

- This bill was introduced 12-1-2014, and proposed by Gov. Brown in his State of the State address in January 2015.
- The Bay Area Air Quality Management District has resolved to meet this target and has adopted a 10 Point Action plan to do so.
- Letter of support for CA-SB32 to Senate Environmental Quality Committee State Capitol, Sacramento endorsed by LWVC and 30 other organizations
- LWVC designated SB 32 as “support” and SB 350 as “support in concept” so local Leagues may lobby their legislators to support passage



Senate Bill 32

Advances the following:

- Job growth and local economic benefits in California
- Public health benefits
- Innovation in technology and energy, water, and resource management practices
- Regional and international collaboration to adopt similar greenhouse gas emissions reduction policies



Senate Bill 32

What You Can Do

- Support legislative and regulatory climate positions of **LWVUS** and **LWVC**
- Write in support of **SB 32** and **SB 350**
- Contact: Climate Action Team LWVBAE

Regina Beatus, regina.a.beatus@gmail.com

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Senate Bill 350

SB 350



Senate Bill 350

Golden State Standards “50-50-50” benchmarks

Authors: Senator Kevin de León and Senator Mark Leno

- Increase renewables in California’s electricity portfolio from 33% to 50% by 2030
- Reduce petroleum use by 50% by 2030
- Increase energy efficiency in buildings by 50% by 2030

LWVC: Supports in Concept



Senate Bill 350

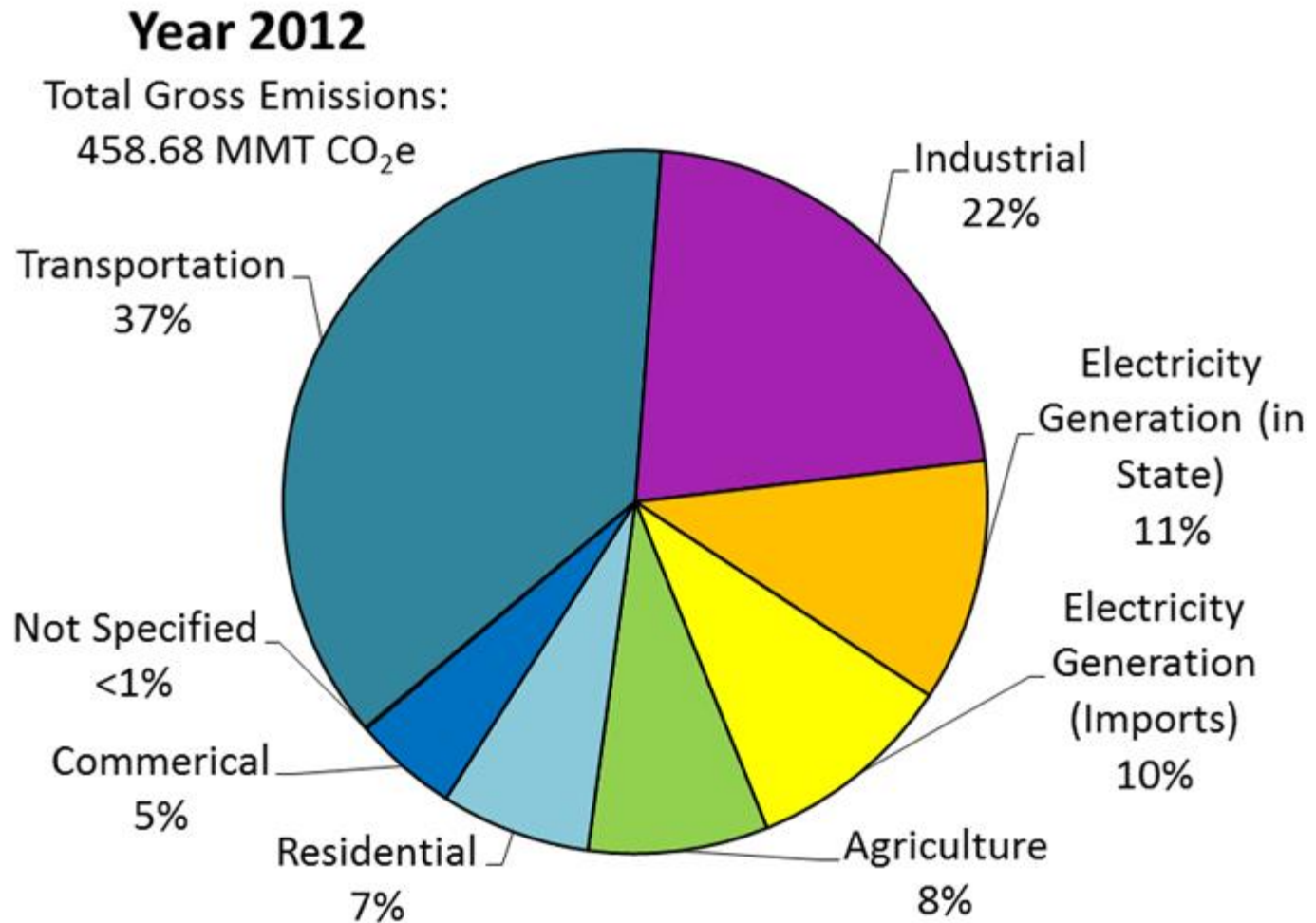


Figure from CARB



Senate Bill 350

Increase renewables in electricity portfolio to 50% by 2030

To be implemented by:

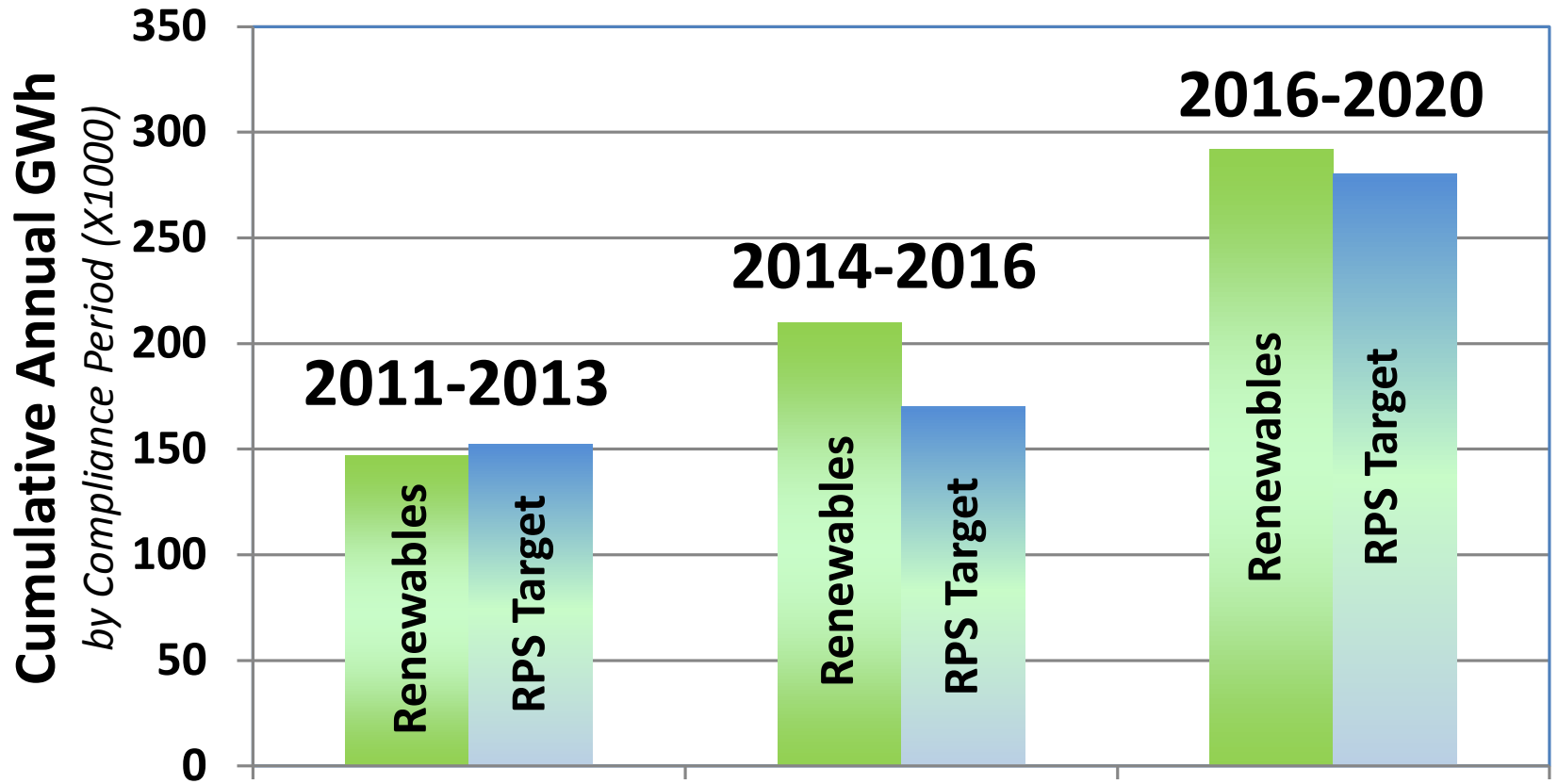
- CA Public Utilities Commission (private utilities)
- CA Energy Commission (municipal utilities)

Process

1. Each utility submits a procurement plan
2. Each state agency reviews the plan, ensures it complies with the law and approves the plan.



On Target for RPS



Data from CEC



Senate Bill 350

Increase renewables in electricity portfolio to 50% by 2030

Arguments for:

- Have reached all targets for RPS, on track for 33%; 50% is very doable
- Needed to reduce Greenhouse gases

Arguments against:

- Potential for overgeneration, threaten need for negative pricing



Senate Bill 350

Reduce petroleum use by 50% by 2030
(relative to 1/1/16)

To be implemented by CA Air Resources Board

Process

1. Under current law (Health and Safety Code Section 42013) CARB must adopt standards for vehicles and fuels to achieve clean air.
2. SB 350 stipulates that level to achieve 50% reduction in petroleum by 2030.



Senate Bill 350

Reduce petroleum use by 50% by 2030

Elements proposed:

- Reduce growth in vehicle-miles traveled to 4%
- Increase on-road fuel efficiency of cars to 35 mpg and heavy-duty trucks to 7 mpg
- At least double use of alternative fuels such as biofuels, electricity, hydrogen, and renewable natural

Reduce petroleum use by 50% by 2030

Arguments for:

- Needed to reduce Greenhouse gases
- We need to set a target in order to reach it

Arguments against:

- Not doable unless decrease demand for petroleum
- Need more detail for CARB to implement; CARB not elected body
- Petroleum (gas tax) is primary funding for roads
- We should focus on reducing emissions, not single out petroleum



Senate Bill 350

Increase energy efficiency in buildings by 50% by 2030 *(relative to 1/1/16)*

Implemented through the use of existing energy efficiency retrofit funding and regulatory tools, but now must meet new target.

- Broad range of energy assessments
- Building benchmarking
- Energy rating
- Cost-effective energy efficiency improvements
- Public and private sector energy efficiency financing options
- Public outreach and education efforts
- Green workforce training



Senate Bill 350

Increase energy efficiency in buildings by 50% by 2030

Arguments for:

- Needed to reduce Greenhouse gases
- We need to set a target in order to reach it

Arguments against Lumping all buildings into single target of 50% is difficult; some buildings are old, some are already LEED platinum



Senate Bill 350

Summary of Senate Environmental Advisory Committee Hearing, April 29, 2015

Supporters say:

- Needed to reduce Greenhouse gases
- We need to set a target in order to reach it
- Long list of supporters

Opponents say:

- RPS is doable; utilities have no position but want to work with authors of bill
- Reducing petroleum use and increasing building efficiencies need work on details



Senate Bill 350

Golden State Standards “50-50-50” benchmarks

Authors: Senator Kevin de León and Senator Mark Leno

- Increase renewables in California’s electricity portfolio from 33% to 50% by 2030
- Reduce petroleum use by 50% by 2030
- Increase energy efficiency in buildings by 50% by 2030

Status: Passed on to Appropriations, April 29, 2015

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Building Support

What You Can Do



Building Support

- LWVUS “Toolkit for Climate Action”
- Meet legislators, government officials
- Build grassroots support
 - Letters to your representatives
 - Articles for newsletters and newspapers
- Partner with other leagues



Toolkit for Climate Action

- Choose a role for your League
- Support legislative & regulatory climate positions of LWVUS and LWVC
- Write on behalf of SB 32 and SB 350, using LWVC talking points or as an individual
- Use Educational Resources
 - ✓ Websites (CARB, CEC, CPUC, EPA)
 - ✓ Journal and magazine articles (Science, Nature)
 - ✓ Books (“Beyond Smoke & Mirrors” by B. Richter)
 - ✓ Videos (The Climate Reality Project – Al Gore)



Meet with Legislators

Prepare agenda and questions before the meeting



Ask what your league can do to help pass **SB32** and **SB350**





Advocate in Writing

Letters to your legislator

- Sample letters from LWVC
- Letters to the Legislature or committees from LWVC

Articles supporting SB32 and SB 350

- League publications (e.g., The Voter, webpage)
- OpEds, letters to the Editor
- If writing from your local League, signed by your President, use messages authorized by LWVC

LWW Partner with Other Leagues

- At special events like Bay Area League Day
- Create a Climate Change Network to discuss SB32 and SB350
- With newsletter – e.g. your League's Voter





Your Input

- What is your League doing on Climate Change?
- What should LWVC be doing?
- What priorities?

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