Overview of AB 32 and the Scoping Plan

C-AGG Sacramento Meeting

March 4-5, 2014
AB 32 Requirements

• Achieve 1990 emissions level by 2020.
• Continue greenhouse gas (GHG) reductions beyond 2020.
• Adopt GHG emission reporting regulation.
• Adopt discrete early action measures.
• Develop Scoping Plan and update it every five years.
• Authority to adopt schedule of fees.
AB 32 Implementation

- On target for meeting the 2020 target.
- Complementary strategies that serve as a national and international model.
  - Direct measures or regulations
  - Incentive programs
  - Market-based mechanisms (e.g., cap-and-trade)
- Strategies reduce GHGs in every sector by improving energy efficiency and providing consumers with cleaner fuel choices.
- Improved air quality and investments in CA clean economy.
By 2020 reduce GHG emissions to 1990 levels.
By 2050 reduce GHGs to 80% below 1990 levels*.

Note: MMT = Million Metric Tons

* Executive Order S-3-05
AB 32 Scoping Plan: Update Overview

- Highlighting progress to reaching 2020 limit and continuing momentum to move beyond 2020 through regulations, partnerships, and incentives.

- Latest understanding of climate science.
  - Short-lived climate pollutants, e.g. methane and black carbon

- Part of Administration’s overall climate strategy.
  - Environmental Goals and Policy Report
  - Safeguarding California
  - Climate Change Research Plan
Achieving Long-Term Vision

• Long term vision needed with clear actions for addressing climate change.
• Continued progress is key to California’s continued environmental, agricultural, and economic leadership.
• Unique opportunity to address air quality, climate, environmental justice, energy, and economic challenges.
• Continue GHG reductions in nine key topics areas:
1. Energy
2. Transportation
3. Agriculture
4. Water
5. Waste Management
6. Natural and Working Lands
7. Short-lived climate pollutants
8. Green Buildings
9. Cap-and-Trade

• Recommendations and challenges to meeting the long-term vision from other state agencies.
Recommendations for Agriculture

Convene an interagency workgroup to:

- Establish Agriculture GHG reduction targets for mid-term and 2050.
- Expand existing calculators/tools to develop a California-specific GHG tool.
- Develop strategies to reduce GHGs associated with the energy needed to deliver water to agriculture operations.
- Dairy Digester Workgroup will develop recommendations for a methane capture standard by 2016.
- Conduct research that identifies GHG reduction benefits of efficient farming practices and provide incentives.
Recommendations - Continued

- Evaluate RWQCB’s data to determine if fertilizer data is adequate to establish statewide N$_2$O inventory.
- If data are inadequate then develop a way to collect data.
- Convene inter-agency workgroup to engage local and regional planning agencies to coordinate a land use program to develop recommendations on farmland conservation.
- CDFA will strengthen technical assistance programs and incentives to help agricultural operators develop carbon plans and implement GHG emission reduction practices.
- In 2015, the Bioenergy Interagency Working Group will update actions contained in its Action Plan to promote digester biogas into pipelines and bioenergy/electricity.
• Process developed in consultation with many stakeholders.
  - Climate Action Team
  - State, local, and regional agencies
  - Environmental Justice Advisory Committee
  - Business, environmental, environmental justice, and community based organizations
• Five workshops were held to obtain initial input on the Scoping Plan Update.

• Discussion Draft released October 1, 2013

• Board Hearing October 2013 to hear public input
  ▪ 100+ written comments received

• Proposed Scoping Plan Update
  ▪ Released February 10, 2014
  ▪ Board Hearing February 20, 2014
Mid-March: Environmental Assessment Released
Spring 2014: ARB Hearing on Final Plan Update
Thank you

Questions or Comments:

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