California Environmental Protection Agency

Air Resources Board

Overview of 2011 Activities

February 24, 2011

Key 2011 Activities

- Program Implementation
- New Rulemaking
- National Issues
- CAPCOA Partnership
- Board Calendar

New Administration

- Priorities of Governor Brown:
  - Economy and Jobs
  - California Clean Energy Future

Implementation Focus

- Renewable Energy Standard
- Low Carbon Fuel Standard
- Cap-and-Trade
- Refrigerant Rules
- Sustainable Community Strategies (SB 375)

Implementation Focus

- Goods Movement Rules
- Rail-yards and Locomotives
- 2010 Diesel Rules
- Incentives
- Clean Air Act “SIPs”
- Enforcement
- Information Technology

Renewable Electricity Standard

- Legislative action
- Interagency coordination through Energy Principals Group
- Integrate into California energy policy

Low Carbon Fuel Standard

- New methods and tools
- New advisory panel
- Some regulation changes
- Update on sustainability

GHG Cap and Trade Rule

- Continuing public process to finalize the regulation
- Report on implementation progress later this year

Refrigerant Rules

Effective January 1, 2011:

- Program to reduce leaks from commercial refrigeration
- Recycling of “do it yourself” automotive refrigerant cans

Sustainable Communities Strategies SB 375

- Regions leading the way
  - San Diego regional plan in summer 2011
  - Other regions 2012 and 2013
- ARB staff technical support

Goods Movement

- Begin collaborative review of system
- Integrate air quality, climate, and energy
- Implement sector-wide rules

Implement Rules

- Ship Fuel
- Cargo handling equipment
- Transport refrigeration units
- Drayage trucks
- Harbor craft
- Shore power

Railyards and Locomotives

- Continued progress with Railyard MOU
- Emission reductions occurring
- Commitments revised to address issues identified by the Board
- Enhanced CEQA analysis released with 45 day comment period

Diesel Truck and Off-Road Rules

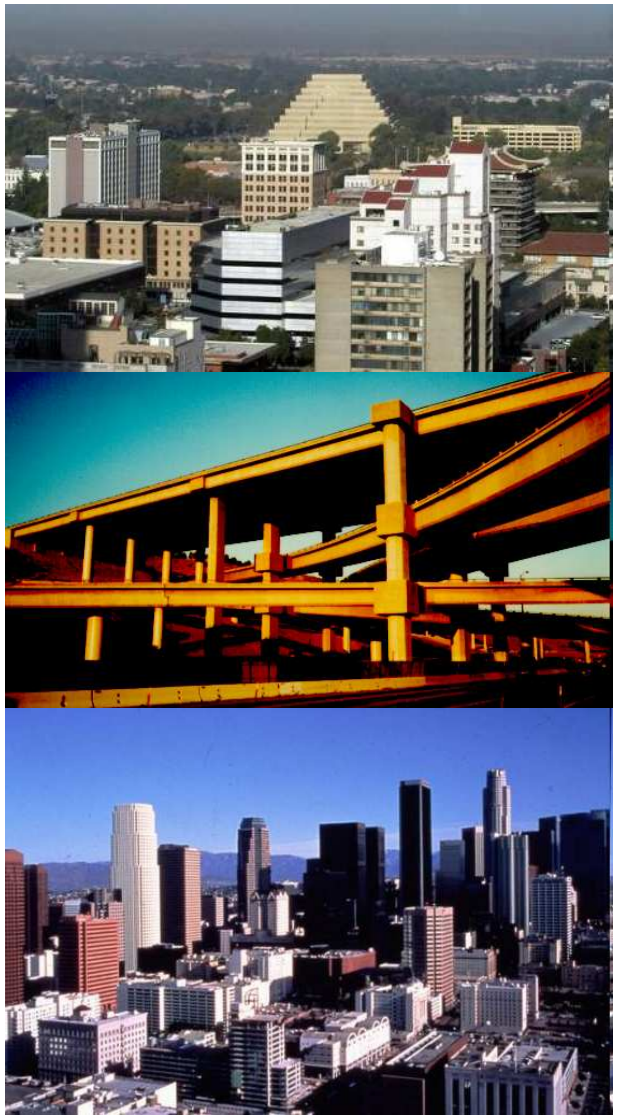
- Complete 15 day process
- Extensive Outreach
- Statewide training

Incentive Programs

- AB 118 Fleet Modernization
- Carl Moyer Program
- Prop 1B Goods Movement
- Lower Emission School Bus
- Car Scrap
- Federal Funds

State Implementation Plans (SIPs)

- Work toward approval of 2007/2008 PM2.5 SIPs
- Develop foundation for 2012 PM2.5 SIPs
- Respond to court decisions
- Update mobile emission model (EMFAC) & budgets
- Comment on EPA proposals



Enforcement Program

- Prioritizing to address new regulations
- Leveraging resources with air districts
- Goal is to achieve emission reductions and ensure level playing field

Information Technology

- Comply with new State laws
- Improve project and data management capabilities
- Board-wide upgrade

Overview of 2011 Rulemaking

- Major New Rulemaking
  - Advanced Clean Cars
- Other rules and modifications
  - Commercial recycling
  - Ship fuels, TRUs, and cargo handling

Advanced Clean Cars Program

- Alignment of ARB LEV, ZEV, and greenhouse gases passenger vehicle programs
- Facilitates long-term transformational changes
- New emission reductions 2014-2025
- Coordinated with U.S. EPA

Advanced Clean Cars Program Goals

- Reduce criteria pollutant emissions to near-zero levels: 2014 and later models
- Additional 3-6% per year GHG emissions reductions: 2017 and later models
- Introduce commercial volumes of Zero Emitting Vehicles: 2015-2025
- Ensure adequate refueling infrastructure

National Issues

- ARB programs continue to lead nation
- ARB staff in D.C. Office of Governor
- Continuing Budget Resolution targets U.S. EPA greenhouse gases reduction efforts and Clean Air Act waiver provisions
- Partnership is key

Partnership with CAPCOA

- Moyer program workgroup
- Collaboration on enforcement
- Coordination on Clean Air Act issues
- Part of California team in National Association of Air Agencies (NACAA)

Highlights of Board Calendar

- April – July
  - SIP revisions, incentive programs, commercial recycling, several rule modifications, cap-and-trade update
- September – December
  - Advanced Clean Cars in October
  - Potential cap-and-trade actions
  - Actions on low carbon fuel
  - Other rule modifications

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