

Overview of South Coast AQMD's Greenhouse Gas Reduction Efforts

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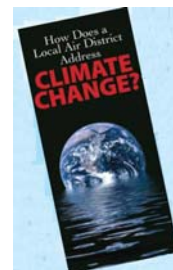
Air & Waste Management Association

Apr. 23, 2009



SCAQMD Climate Change Activities

- Working with ARB and EPA
- Modified annual emissions reporting
- CEQA interim thresholds
- Local government assistance
- Climate change committee
- Green building policy
- **Climate change policy**
- **SCAQMD climate change rules**
- **Protocol development**



SCAQMD's Climate Change Policy Summary

- Reduce criteria, toxic, and GHG pollutants
 - Maximize Synergies - most, but not all, GHG reduction strategies reduce criteria and/or toxic air pollutants
 - If conflicts arise, public health prevails
- Assist business, local governments, public
 - Permitting/enforcement integration to avoid duplication or conflicts
 - Technical assistance, outreach and education



SCAQMD Climate Change Rules

- Voluntary rules to reduce GHGs locally
 - Rule 2700 – General
 - Rule 2701 – SoCal Climate Solutions Exchange
 - Rule 2702 – Greenhouse Gas Reduction Fund
- GHG reductions generated through project protocols
 - Urban Forest, Forestry, and Manure Management
 - Local Investments - jobs, co-benefits
 - Protocols must be approved by ARB and the AQMD governing board
- Potential use for CEQA or other programs, as authorized



Rule 2700 – General

- Definitions
- Six Kyoto gases and Global Warming Potentials

Gas	GWP (100yr)
CO ₂	1
CH ₄	21
N ₂ O	310
HFC-23	11,700
HFC-32	650
HFC-125	2,800
HFC-134a	1,300
HFC-143a	3,800
HFC-152a	140
HFC-227ea	2,900
HFC-236fa	6,300
HFC-4310mee	1,300
CF ₄	6,500
C ₂ F ₆	9,200
C ₄ F ₁₀	7,000
C ₆ F ₁₄	7,400
SF ₆	23,900

SoCal Climate Solutions Exchange

(Rule 2701)

- One of Chairman's 2 initiatives for 2008
- GHG reductions achieved through applicant developing GHG reduction project by following approved protocol
- SCAQMD staff verifies & tracks GHG reductions

GHG Reduction Program

(Rule 2702)

- SCAQMD receives funds
- Pool funds to invest in GHG reduction projects in District
- Purchased GHG reductions cannot be traded
- Priority for Environmental Justice areas
 - Co-benefits needed
- Periodic program review
 - Public information on web
 - Annual report
 - Program audits
- Reserve bank

Protocols under Development

Lawnmowers

Boilers

Truck stop electrification

High GWP refrigerants

Others? (Water Efficiency, Insulation..)



Contact Information

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