

# Draft AQMD Energy Policy

Stationary Source Committee  
August 26, 2011

# Background

- 2010 Board Retreat Request for Energy Plan
  - All NO<sub>x</sub> from energy use
  - 75%-90% NO<sub>x</sub> control needed
  - 90% NO<sub>x</sub> emissions from mobile sources
- Discussed further at March Board Meeting (TAO Annual Report)
  - Need an energy policy

# The Energy Policy is..

- Consistent with past board actions
- Needed to meet federal clean air standards

# The Energy Policy is..

- Not a regulation
- Not giving AQMD more authority
- Not binding to future board actions
- Not a mandate for 100% renewable energy

# Public Process

- 7 public meetings
- Over 100 stakeholder briefings
- 3 Stationary Source Committee meetings

# Latest Changes to Policy

- Numerous wording changes to improve clarity
- Policy does not affect permitting decisions when complying with all applicable AQMD rules
- Does not bind future board actions considering technical feasibility & cost effectiveness

# Socioeconomic Evaluation

- Approach
  - Review existing reports & analyses on similar program elements by other agencies/entities
    - Energy conservation/Efficiency
    - Load shifting
    - Renewable distributed generation
    - Zero and near-zero emission technologies
      - Electrification
      - Alternative fuels
  - Review 2007 AQMP socioeconomic analysis
    - “Black box” reductions

# Projected Costs of 2007 AQMP (Year 2023)

Cost Category	Amount (in millions of 2000 dollars)
Total Cost	\$3,963
Short-Term Quantified Measures	\$2,138
NOx “Black Box” Measure	\$1,665
Others*	\$160

\*Short-term unquantified measures and VOC “black box” measure

# Socioeconomic Evaluation (cont.)

- Limitations
  - Data needed to quantify sector-specific impacts not available at this time
    - Implementation schedule
    - Level of penetration
    - Program design
  - More detailed analysis committed for 2012 AQMP and future AQMD actions

# Key Comments

- Need for energy policy?
- How will policy be implemented?
- Use of term “electrification”
- Mission creep
- Need more time to review