2006 REASONABLY AVAILABLE CONTROL TECHNOLOGY (RACT) STATE IMPLEMENTATION PLAN (SIP) UPDATE ANALYSIS REPORT

EDCAQMD

2006 RACT SIP ANALYSIS

- BACKGROUND - REASON FOR THIS ANALYSIS

- WHAT IS REASONABLY AVAILABLE CONTROL TECHNOLOGY (RACT)

- ANALYSIS

- RESOLUTION

BACKGROUND

- Federal Clean Air Act requires ozone non-attainment areas to implement RACT

- El Dorado County covers two air basins: Mountain Counties and Lake Tahoe. The Mountain Counties air basin is an ozone non-attainment area

- EPA's Final Rule to Implement the new 8-hour Ozone standard requires non-attainment areas to submit a demonstration that current rules meet RACT.

- Any control measures identified by this analysis must be adopted in time to be implemented by January 1, 2009.

- This is an audit or analysis of our rules; not a rule adoption.

DEFINITION of RACT
(REASONABLY AVAILABLE CONTROL TECHNOLOGY)

The lowest emission limit that a unit is capable of meeting by the application of control technology that is reasonably available considering technological and economic feasibility. Guidance for RACT is provided by the EPA's Control Technology Guidelines (CTG) and Alternate Control Techniques Guidance (ACT).

OVERVIEW OF FINDINGS

- Seven (7) VOC and NOx regulations have been adopted by the District which satisfy RACT requirements

- A rule which meets RACT for Metal Parts and Products must be adopted

- Negative Declarations are recommended for 18 RACT Categories where El Dorado County has no applicable sources

SUMMARY of ACTION

Adoption of Resolution approving:

- The RACT SIP UPDATE ANALYSIS REPORT

- The certification that seven (7) current AQMD rules satisfy RACT which cover applicable CTG categories and Major Stationary Sources of VOC or NOx.

- One (1) new rule for coating of Metal Parts and Products which must be adopted and implemented by January 1, 2009.

- The Negative Declaration that there are no applicable Stationary VOC Sources in the eighteen (18) CTG source categories.