

MEMORANDUM

TO: Attainment Modeling Subcommittee

FROM: Jeff King, TAC Control Measures Workgroup

DATE: March 24, 2006

SUBJECT: Inputs for Preliminary Control Strategies Runs

As requested at the March 10 Technical Advisory Committee meeting, the control measures workgroup convened a meeting on March 23, 2006 to discuss recommendations for a set of control strategies to advance for potential use in attainment modeling sensitivity runs. This memorandum provides a brief summary of the deliberations and recommendations of the workgroup.

Based on discussions in December 2005, there may be several potential preliminary control strategy runs, as listed below. We understand that the current modeling effort focuses on Scenario 2 at this time. Additional scenarios would be evaluated if the results of Scenario 2 indicate the need for additional controls.

- Scenario 1. On-the-Books and On-the-Way Controls, including CAIR, with CAIR EGU controls. (Preliminary Base Case Modeling Runs Complete)
- Scenario 2. On-the-Books and On-the-Way Controls, including CAIR, plus additional VOC and NO_x reductions from "new" local controls.
- Scenario 3. On-the-Books and On-the-Way Controls, including CAIR, plus additional VOC and NO_x reductions from "new" local controls, plus additional controls across broader region (the Ozone Transport Region).
- Scenario 4. On-the-Books and On-the-Way Controls, including CAIR, plus additional VOC and NO_x reductions from "new" local controls, plus additional controls across broader region (region to be determined).
- Scenario 5. On-the-Books and On-the-Way Controls, including CAIR, plus additional VOC and NO_x reductions from "new" local controls, plus additional controls across broader region, plus additional EGU controls (CAIR Plus).

As required for your modeling of the impact of new local control strategies, we are providing estimates of percent reduction off of the source category 2009 controlled emissions values for each relevant SCC code. These were based on emission reduction estimates for selected measures on the TAC priority list and the draft 2009 emission inventory values. A measure was selected if it was considered feasible to implement and provided reduction in emissions of either NO_x or VOC during the ozone season.