

2. Area-Specific Reductions

The United States has implemented and intends to continue to implement NO_x and VOC control measures in specific areas as required by applicable provisions of the Clean Air Act. The area specific measures include: NO_x and VOC reasonably available control technology, marine vessel loading, treatment storage and disposal facilities, municipal solid waste landfills, onboard refuelling, residential wood combustion, vehicle inspection/maintenance, and reformulated gasoline. In addition to these measures, under Clean Air Act mandates, U.S. states have already adopted or will be required to adopt additional measures for particular areas in the PEMA in order to meet the applicable National Ambient Air Quality Standards for Ozone.

3. Quantitative Estimates

The emission reduction obligations identified in Part III.B above, in conjunction with the anticipated national and area-specific reductions identified above, are estimated to reduce annual NO_x emissions in the PEMA from 1990 levels by 27% by 2007 and 36% by 2010 and annual VOC emissions in the PEMA from 1990 levels by 35% in 2007 and 38% in 2010.¹ Further, the emission reduction obligations identified in Part III.B above in conjunction with the anticipated national and area-specific reductions identified above, are estimated to reduce ozone season NO_x emissions in the PEMA from 1990 levels by 35% by 2007 and 43% by 2010 and ozone season VOC emissions in the PEMA from 1990 levels by 39% in 2007 and 36% in 2010.

C. For Both Parties:

Each Party shall update its quantitative estimates referred to above, by 2004 and from time to time thereafter, and shall make such estimates available to the other Party and to the public.

¹The assumptions used in calculating the indicative reductions are detailed in "Procedures for Developing Base Year and Future Year Mass Modeling Inventories for the Tier 2 Final Rulemaking" (EPA420-R-99-034, September 1999).