

Preface

Title XVI, Section 1605(a) of the Energy Policy Act of 1992 (enacted October 24, 1992) provides:

Not later than one year after the date of the enactment of this Act, the Secretary, through the Energy Information Administration, shall develop, based on data available to, and obtained by, the Energy Information Administration, an inventory of the national aggregate emissions of each greenhouse gas for each calendar year of the baseline period of 1987 through 1990. The Administrator of the Energy Information Administration shall annually update and analyze such inventory using

available data. This subsection does not provide any new data collection authority.

The first report in this series, *Emissions of Greenhouse Gases 1985-1990*, was published in September 1993. This report—the tenth annual report, as required by law—presents the Energy Information Administration’s latest estimates of emissions for carbon dioxide, methane, nitrous oxide, and other greenhouse gases. These estimates are based on activity data and applied emissions factors and not on measured or metered emissions monitoring.

The estimates of greenhouse gas emissions contained in this report are based on energy consumption data from the Energy Information Administration’s (EIA’s) *Annual Energy Review 2001 (AER2001)*. The *AER2001* is the first EIA publication that contains revised electricity and fuel data from 1989 to 2000. As a result, EIA has revised its estimates for the years 1989 through 2000 for energy-related carbon dioxide emissions, total greenhouse gas emissions, sector-specific emissions, and emissions by fuel type. Last year’s emissions report was based primarily on EIA’s July 2001 *Monthly Energy Review* (see text box on page 27).