



## Fact Sheets and Information Papers

### Executive Order 13123, "Greening the Government Through Efficient Energy Management," 3 June 1999

January 2004

Executive Order (EO) 13123 calls for Federal agencies to improve the energy efficiency of their buildings, promote the use of renewable energy, and reduce greenhouse gas emissions associated with energy use in their buildings, among other energy-related requirements. EO 13123 also directs the Department of Energy to work with other Federal agencies to develop a variety of guidance, criteria, tools, and other information to assist agencies in implementing the provisions of the Order. The EO not only mandates Federal agencies to improve energy management but also establishes a series of energy conservation goals.

**Greenhouse Gases Reduction Goal.** Reduce greenhouse gas emissions attributed to facility energy use by 30 percent by 2010 as compared to emissions levels in 1990.

**Energy Efficiency Improvement Goals.** Reduce facility energy consumption per gross square foot by 30 percent by 2005 and 35 percent by 2010 as compared to a 1985 baseline.

**Industrial and Laboratory Facilities.** Reduce energy consumption per square foot, per unit of production, or per other unit as applicable by 20 percent by 2005 and 25 percent by 2010 as compared to a 1990 baseline.

**Renewable Energy.** Expand the use of renewable energy by implementing renewable energy projects and by purchasing electricity from renewable energy sources. In support of the Million Solar Roofs initiative, strive to install 2,000 solar energy systems at Federal facilities by the end of calendar year 2000, and 20,000 solar energy systems at Federal facilities by 2010.

**Petroleum.** Reduce the use of petroleum by switching to a less greenhouse gas-intensive, nonpetroleum energy source, such as natural gas or renewable energy sources; by eliminating unnecessary fuel use; or by other appropriate methods.

**Source Energy.** Strive to reduce total energy use and associated greenhouse gas and other air emissions, as measured at the source. To that end, undertake life-cycle cost-effective projects in which source energy decreases, even if site energy use increases.

**Establish Water Conservation Goals for Federal Agencies.** Implement Water Efficiency Improvement Best Management Practices to meet requirements for water conservation.

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