Energy Efficiency in the Federal Government: Government by Good Example?

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Foreword

This report was prepared in the course of the ongoing OTA assessment, "U.S. Energy Efficiency: Past Trends and Future Opportunities,' which is being carried out in response to requests from the Senate Committees on Governmental Affairs and on Energy and Natural Resources; the House Committee on Energy and Commerce; and endorsed by the Subcommittee on Environment, Energy, and Natural Resources of the House Committee on Government Operations and by the chairman of the Subcommittee on Environment of the House Committee on Science, Space, and Technology. Other reports to be prepared in this assessment will examine energy use in the residential and commercial sector, industry, transportation, and electric and gas utilities.

This report focuses on the Federal Government, the Nation's largest single energy consumer, in terms of the opportunities and constraints for the use of energy efficient technologies. Energy efficient technologies could greatly reduce energy demand growth and spending in the United States and lessen environmental impacts while increasing productivity. Yet, in today's public and private markets, adoption rates for many of these technologies are low. This report reviews past and current efforts to improve Federal energy efficiency and discusses policy options that could accelerate the adoption of these measures by the Federal Government.

OTA appreciates the substantial assistance received from many organizations and individuals in the course of this study. Members of the advisory panel provided helpful guidance and advice; reviewers of the draft report contributed greatly to its accuracy and completeness; personnel at the case study facilities shared their valuable experiences and perspectives. To all of them goes the gratitude of OTA and the personal thanks of the project staff.

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NOTE: OTA appreciates and is grateful for the valuable assistance and thoughtful critiques provided by the advisory panel members. The panel does not, however, necessarily approve, disapprove, or endorse this report. OTA assumes full responsibility for the report and the accuracy of its contents.

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