

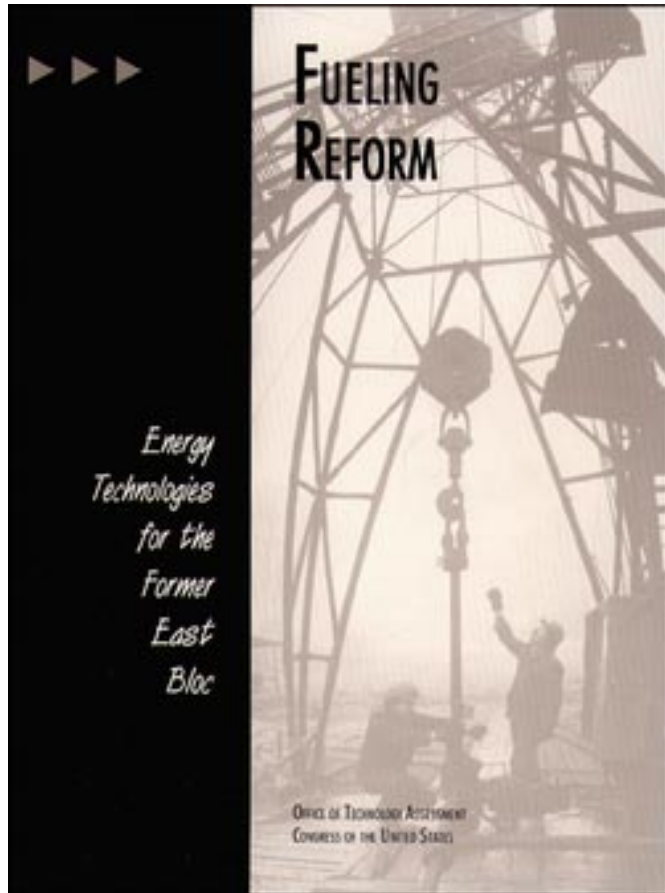
*Fueling Reform: Energy Technologies for  
the Former East Bloc*

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# Foreword

The Senate Committee on Environment and Public Works, the House Committee on Foreign Affairs, the House Committee on Energy and Commerce, the Senate Committee on Foreign Relations, and the House Subcommittee on International Development, Finance, Trade, and Monetary Policy requested an assessment of energy and environmental technology transfer to Central Europe and the former Soviet Union. The intent was to determine how U.S. energy technology can help resolve the economic and environmental problems in the region.

This report is the second of two produced during this assessment. The first, *Energy Efficiency Technologies for Central and Eastern Europe* (released May 1993), focused on ways to reduce waste in the use of energy.

The present report focuses on technologies to improve energy supply in Central Europe and the former Soviet Union. The report is divided into two parts. The first part reviews energy supply technologies for fossil-fuel and nonfossil-based energy resources. In addition, it reviews the environmental consequences of energy production and consumption. The report highlights specific needs for U.S. technology and opportunities for U.S. business. The second part of the report is devoted to policy considerations. It describes the highly varied political, economic, and social context of reform. Next, it analyzes and catalogues Western energy-related assistance and investment programs for the region. The final chapter of the report presents policy options relating to energy supply and efficiency that will promote the achievement of U.S. political and economic goals.

Energy is a key factor as the former East Bloc countries struggle toward stability and economic recovery. The issues raised in both these reports are therefore timely for congressional deliberations on assistance to the region, on how to increase U.S. exports, and on how to reduce environmental problems.

OTA appreciates the invaluable advice and assistance of the many people who contributed to this project, including the advisory panel, contractors, and reviewers.



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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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