

*Biological Effects of Power Frequency  
Electric and Magnetic Fields*

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Electric and Magnetic Fields**

Background Paper



CONGRESS OF THE UNITED STATES OFFICE OF TECHNOLOGY ASSESSMENT

# Biological Effects of Power Frequency Electric and Magnetic Fields

## Background Paper

**This background paper was performed as part of OTA'S assessment of  
Electric Power Wheeling and Dealing:  
Technological Considerations for Increasing Competition**

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## Foreword

This background report responds to a request by the Subcommittee on Water and Power Resources of the House Committee on Interior and Insular Affairs. The subcommittee asked that OTA review the health effects of high-voltage transmission lines. To provide background information for its assessment on electric power wheeling, OTA contracted with the Carnegie-Mellon University. This report was used in the preparation of OTA's final assessment *Electric Power Wheeling and Dealing: Technological Considerations for Increasing Competition*.

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