

Energy Use in Transportation

Selected References

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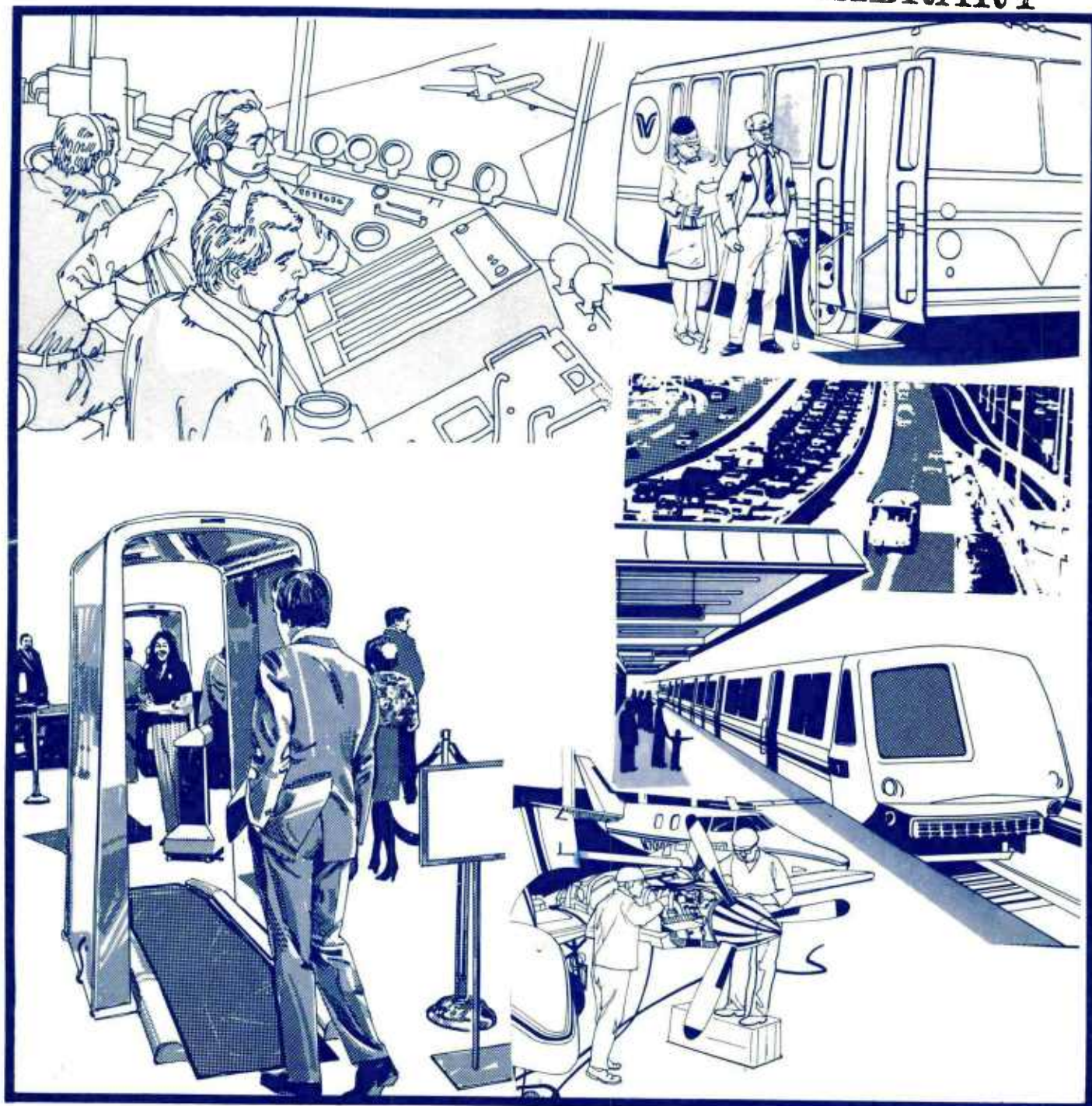
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| 3. The Department of Transportation
June 1970 | AD-718 127 |
| 4. Airport Problems: Access and Air
Traffic Congestion
February 1971 | AD-722 206 |
| 5. Hijacking
July 1971 | AD-729 414 |
| 6. Urban Mass Transportation
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| 7. Aircraft and Air Pollution
December 1971 | AD-735 943 |
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| 10. General Aviation
June 1977 | AD-A046 079 |

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ENERGY USE
IN
TRANSPORTATION

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INTRODUCTION

This is a selected, partially annotated listing of periodical articles, reports and books held by the Department of Transportation Library on the subject of energy use in transportation.

The period covered is approximately from the time of the energy crisis of 1973-74 until completion of this bibliography, late 1979. A few earlier references are included as background. Citations are representative of the types of material available rather than indicative of the extent of the collection; some 200-300 additional citations were not used simply in order to hold the document to reasonable size. Not all references in certain subject categories are directly addressed to transportation but are included to provide overall energy background material, especially in such areas as economics, forecasts, and planning and policy.

Arrangement is by subject, with personal author and corporate source indexes. Sources used were in-house catalogs and periodical index files.

AVAILABILITY OF PUBLICATIONS

The Department of Transportation Library has all of the publications referred to in this bibliography. The library's call number, e.g., TJ163.3.T83, or accession number in the case of technical reports located in the 10A Services Branch, e.g., IR 79-0189, follows the citation. The symbols HQ and/or 10A following the call number indicate whether the document is held by the main library, the branch library, or both. Where known, numbers beginning with AD-, PB-, N-, COM-, etc., appear following the library symbol and indicate availability of the document through the National Technical Information Service, 5285 Port Royal Road, Springfield, Va. 22161.

Individuals outside the Department of Transportation are urged to consult their own local libraries before requesting publications on loan from this library. The Department of Transportation Library does not have a capability to furnish copies of documents or articles cited.

Compiled by:

Anne B. La Foy

ENERGY USE IN TRANSPORTATION

Table of Contents

INTRODUCTION.....	v
ENERGY - GENERAL.....	1
ENERGY AND TRANSPORTATION.....	4
CONSERVATION.....	8
CONSUMPTION.....	11
ECONOMICS.....	15
FORECASTS.....	18
FUELS.....	22
GOVERNMENT.....	27
MODES.....	32
GENERAL COMPARISONS.....	32
AIR - GENERAL.....	35
- CONSERVATION TECHNOLOGY AND TECHNIQUES.....	37
RAIL.....	42
ROAD - GENERAL.....	45
- CONSERVATION TECHNOLOGY AND TECHNIQUES.....	48
URBAN MASS TRANSIT.....	54
WATER.....	58
PLANNING AND POLICY.....	59
RESEARCH AND DEVELOPMENT.....	63
SHORTAGES.....	66
STATISTICS.....	69
INDEXES.....	70
INDIVIDUAL.....	70
CORPORATE SOURCE.....	75

ENERGY

GENERAL

1. Abelson, Philip H., ed. ENERGY: USE, CONSERVATION, AND SUPPLY. Washington, American Association for the Advancement of Science, 1974. vi, 154 p. (HD9502.U52A23) HQ, 10A
Compendium of energy related articles from SCIENCE magazine.
2. Commoner, Barry. THE POLITICS OF ENERGY. New York, Knopf, 1979. ix, 101 p. (HD9502.U52C674) HQ
What is really happening, where the energy crisis is taking us, and what can be done to solve it.
3. Conant, Melvin A. and Fern Racine Gold. THE GEOPOLITICS OF ENERGY. Boulder, Colo., Westview Press, 1978. xviii, 224 p. (HD9502.A2C688) HQ
Analyzes consequences of new worldwide energy situation in which industrialized countries remain dependent on oil imports while control of those resources has passed to an increasingly small number of less-developed countries whose interests do not necessarily coincide with the consumers'.
4. COOPERATIVE APPROACHES TO WORLD ENERGY PROBLEMS. Washington, The Brookings Institution, 1974. iv, 51 p. (HD9540.5.C67) HQ, 10A
A tripartite report by fifteen experts from the European community, Japan, and North America meeting in Brussels. Conference sponsored by the European Community Institute for University Studies, the Japan Economic Research Center, and the Brookings Institution.
5. EIC ENERGY DIRECTORY UPDATE SERVICE. New York, Environment Information Center, Inc., Energy Reference Department, Sept. 1975- (REF HD9545.E74) HQ, 10A
Supersedes THE ENERGY DIRECTORY.
6. THE ENERGY DIRECTORY. New York, Environment Information Center, Inc., Energy Reference Department, 1974- (REF HD9545.E74) HQ, 10A
Includes federal, regional, and state government, trade, professional, and research organizations, information sources, solar energy update.
Superseded by EIC ENERGY DIRECTORY UPDATE SERVICE.
7. THE ENERGY INDEX. New York, Environment Information Center Inc., Energy Reference Department, 1973-76. (REF Z5853.P8E74) HQ, 10A
Annual guide to the key energy literature of the year, including articles, government documents, statistics, research reports, conference proceedings, books, films.
8. THE ENERGY SOURCE BOOK. Alexander McRae and Janice L. Dudas, eds. Germantown, Md., Center for Compliance Information, 1977. ix, 724 p. (REF HD9502.U52E757) HQ, 10A
Compilation of government and non-government source material selected for potential contribution to decision-making process

in energy regulation. Also contains text of law establishing Department of Energy.

9. ENERGY SOURCES FOR THE FUTURE. Proceedings of a symposium sponsored by the U.S. Energy Research and Development Administration, Office of University Research, Oak Ridge, Tennessee, July 5-23, 1976. Jerome L. Duggan and Roger J. Cloutier, eds. Oak Ridge, Tenn., Oak Ridge Associated Universities, 1977. v, 422 p. (TJ163.2.E74) HQ
10. Ezzati, Ali. WORLD ENERGY MARKETS AND OPEC STABILITY. Lexington, Mass., Lexington Books, 1978. xiv, 205 p. (HD9502.A2E995) HQ
Presents analytical framework for determination of equilibrium prices, supply, demand, imports and exports of alternative forms of energy, interactions of oil-importing and -producing countries, and OPEC price and production strategies.
11. Fisher, John Crocker. ENERGY CRISES IN PERSPECTIVE. New York, John Wiley & Sons, 1974. ix, 196 p. (HD9540.6.F58) HQ, 10A
World energy activities, from discovery through recovery, transportation, refining, and use, and major factors affecting them.
12. THE GREAT ENERGY MESS. Time, v. 114(1), July 2, 1979: 14-17, ff. HQ, 10A
Cover story: gas lines, price rises, outlook.
13. INTERNATIONAL ENERGY SUPPLY: A PERSPECTIVE FROM THE INDUSTRIAL WORLD. Working paper. New York, Rockefeller Foundation, 1978. x, 33 p. (HD9560.5.177) HQ
Group drawn from France, Federal Republic of Germany, Italy, Gt. Britain, Japan, and the United States assesses most important international policy issues in world energy supply outlook in general and in the future of oil in particular.
14. Loftness, Robert L. ENERGY HANDBOOK. New York, Van Nostrand Reinhold Co., 1978. vii, 741 p. (REF TJ163.2.L74) HQ, 10A
Data and information on energy resources, consumption, new sources, environmental aspects, costs, with glossary and conversion tables.
15. MCGRAW-HILL ENCYCLOPEDIA OF ENERGY. Daniel N. Lapedes, ed. New York, McGraw-Hill Book Co., 1976. 785 p. (REF TJ163.2.M23) HQ, 10A
Over 300 articles by specialists covering aspects of energy from economic and political to environmental and technological.
16. McNerney, N. C. and Thomas F. P. Sullivan, eds. ENERGY REFERENCE HANDBOOK; A GLOSSARY, WITH ABBREVIATIONS AND CONVERSION TABLES. Washington, Government Institutes, Inc., 1974. 280 p. (REF HD9540.65.M23) HQ, 10A

17. National Academy of Engineering, Task Force on Energy. U.S. ENERGY PROSPECTS: AN ENGINEERING VIEWPOINT. Washington, 1974. iii, 141 p. (TJ153.N268) HQ, 10A
Assesses practical engineering feasibility of major production programs in specific energy areas for time frame up to 1985, identifies government and industry action needed to implement them, and physical, technical, cost, and schedule aspects thereof.
18. THE NATIONAL ENERGY PROBLEM. Robert H. Connery and Robert S. Gilmour, eds. Published for the Academy of Political Science. Lexington, Mass., Lexington Books, 1974. xii, 194 p. (Proceedings of the National Academy of Political Science, v. 31, no. 2) (HD9502.U52N37) HQ, 10A
Series of papers on the problem, its impact, international implications, and energy policy and politics.
19. National Research Council, Commission on Natural Resources, Committee on Energy and the Environment. IMPLICATIONS OF ENVIRONMENTAL REGULATIONS FOR ENERGY PRODUCTION AND CONSUMPTION. Washington, National Academy of Sciences, 1977. xvi, 233 p. (TJ163.25.U6N44) HQ
A report to the U.S. Environmental Protection Agency.
20. O'Toole, James and the University of Southern California Center for Futures Research. ENERGY AND SOCIAL CHANGE. Cambridge, Mass., Massachusetts Institute of Technology Press, 1976. xxi, 185 p. (HD9502.U52085) HQ, 10A
Explores potential of futures methods to contribute useful long-range data to top management in both public and private sectors.
21. Udall, Stewart L., and others. THE ENERGY BALLOON. New York, McGraw-Hill Book Co., 1974. 288 p. (HD9502.U52U32) HQ, 10A
"...a provocative position paper and a detailed outline of imperative reforms and changes." - author.
22. THE WORLD ENERGY BOOK: AN A-Z, ATLAS, AND STATISTICAL SOURCE BOOK. David Crable and Richard McBride, eds. New York, Nichols Publishing Co., 1978. 259 p. (REF HD9502.A2W78) HQ, 10A
Guide to energy sources, energy related terminology, economics, and all factors related to the search for, extraction of, production, and utilization of the major and alternative sources of energy.
23. WORLD ENERGY CONFERENCE SURVEY OF ENERGY RESOURCES. Compiled by Harold E. Goeller and others. New York, U.S. National Committee of the World Energy Conference, 1974. viii, 400 p. (HD9540.5.W67) HQ, 10A
Survey contributed to by 74 nations.

ENERGY AND TRANSPORTATION

GENERAL

24. Burton, H. Robert. THOUGHTS ON TRANSPORTATION AND ENERGY. Transportation Engineering, v. 47(10), Oct. 1977: 31-34. HQ, 10A
In response to receiving the 21st Theodore M. Matson Memorial Award for outstanding contributions to the advancement of traffic engineering.
25. ENERGY AND TRANSPORTATION. Warrendale, Pa., Society of Automotive Engineers, 1976. 69 p. (TL1.S6A3 SP-406) HQ, 10A
Papers presented at a forum organized by the SAE Fuels and Lubricants Activity and held as part of the 1975 National Automobile Engineering Meeting. Papers cover passenger cars, heavy-duty trucks, aircraft, and other forms of transport, as well as availability of energy as petroleum and in alternate forms.
26. ENERGY: GONE TODAY - HERE TOMORROW? Automotive Engineering, v. 82(5), May 1974: 68-71, ff. HQ, 10A
Transportation directly consumes one-quarter of total energy used in United States.
27. Gambaccini, Louis J. PUBLIC TRANSPORTATION AND THE LAST DECADES OF PETROLEUM. Transit Journal, v. 5(3), Summer, 1979: 3-16. HQ
Role of petroleum; impact of 1973-74 oil embargo; the automobile; long-term, self-help conservation strategies; land use; relationship to urban revitalization.
28. Goss, W. P. and J. G. McGowan. TRANSPORTATION AND ENERGY - A FUTURE CONFRONTATION. Transportation, v. 1(3), Nov. 1972: 265-289. HQ
Predictions of world's petroleum supplies and primary dependence of transportation systems on petroleum indicate depletion of these supplies in the next 50 years unless major changes in transportation, energy planning, and policy making are forthcoming.
29. Husted, Robert A. ENERGY IN TRANSPORTATION. Washington, U.S. Dept. of Transportation, Research and Special Programs Administration, Transportation Programs Bureau, 1978. ii, 39 p. (HE18.5.A354 no. DOT-RSPA-DPB-20-78-13) HQ PB-282-928
Discusses near-term transportation energy demand, vehicle design considerations, and transportation energy conservation opportunities. Concludes that additional conservation can tide us over until appropriate socioeconomic solutions materialize for alternative transportation energy resources other than petroleum.
30. INTERNATIONAL SYMPOSIUM ON THE EFFECTS OF ENERGY SHORTAGE ON TRANSPORTATION BALANCE. Transportation Research (Great Britain), v. 8(4-5), Oct. 1974: entire issue.
Resources, conservation, consumption, economics, modal impacts. HQ, 10A

31. Jilek, Glenn and Richard Osborne. ENERGY CONSIDERATIONS IN TRANSPORTATION PLANNING. Washington, U.S. Federal Highway Administration, Office of Highway Planning, 1979. 37 p. (TJ163.5.T7J56) HQ
32. Kouskoulas, Vasily, and others. INFORMATION SYSTEM FOR TRANSPORTATION ENERGY. Transportation Engineering Journal of the ASCE. Proceedings of the American Society of Civil Engineers, v. 103(TE5), Sept. 1977: 635-650. HQ, 10A
Development of framework of an information system for transportation energy consumption to measure socioeconomic and technological trends in relation to transportation energy.
33. Lukasiewicz, J. ENERGY AND TRANSPORTATION IN CANADA AND THE UNITED STATES. High Speed Ground Transportation, v. 9(3), Fall 1975: 151-174. HQ
Evaluation of fuel savings to be realized through use of more economical cars and partial shift of automobile, air, and truck traffic to rail and urban transit.
34. McMahon, Noel. ENERGY - IMPLICATIONS FOR TRANSPORT. Chartered Institute of Transport, London, Journal, v. 37(12), Sept. 1977: 365-369. HQ
Author is Secretary of the Department of Transport and Power, Republic of Ireland. Topics include energy crisis, international reactions, energy consumption in transport, private cars, reducing fuel consumption, road haulage, railways, shipping, air transport, substitute fuels.
35. MAINTAINING MOBILITY IN AN ENERGY SCARCE ERA. Transportation USA, v. 5(4), Summer 1979: 2-15. HQ, 10A
A changing America, a new kind of car, railroad survival, solar energy for transportation.
36. Mitre Corporation. ENERGY AND ENVIRONMENTAL ASPECTS OF U.S. TRANSPORTATION. McLean, Virginia, Feb. 1974. 76 p. MTP-391. (IR 74-0608) 10A
Near term transportation energy conservation best effected by pricing measures; long term will rely on technological changes, mode shifts, and land use.
37. NATIONAL CONFERENCE ON THE EFFECTS OF ENERGY CONSTRAINTS ON TRANSPORTATION SYSTEMS, 4TH. Proceedings, Aug. 2-6, 1976, Union College, Schenectady, N.Y. Ram K. Mittal, conference director and editor. Co-sponsored by the U.S. Department of Energy. Dec. 1977. xiii, 544 p. (TJ163.3.N281976) HQ
Goal of conference was to bring experts and interested participants together for free exchange of information and data, and to find ways for conserving energy in transportation sector.

38. National Research Council, Transportation Research Board.
ENERGY EFFECTS, EFFICIENCIES, AND PROSPECTS FOR VARIOUS MODES
OF TRANSPORTATION. Washington, 1977. 57 p. (TE5091.N283 no. 43)
HQ
Synthesis of large body of literature documenting
efficiency of various transportation vehicles under
various conditions; includes specifics of circumstance,
assumptions, and sources.
39. Neveu, Alfred J. PUBLIC OPINION SURVEY ON ENERGY AND TRANS-
PORTATION. Sponsored by the U.S. Dept. of Transportation.
Albany, New York State Dept. of Transportation, Planning
Division, 1977. 47 p. (HE213.N7A32 no. 135) HQ
40. Peterson, Francis S. PETROLEUM ENERGY. Lubrication (Texaco),
v. 61, Oct.-Dec., 1975: 57-72. HQ
Estimates of oil reserves, current United States major
energy sources; the automobile in the United States;
conservation; systematic use of energy; energy con-
sumption by various modes of transportation in the
United States.
41. Rand Corporation. GROWTH RATES WITHIN THE TRANSPORTATION SECTOR.
Santa Monica, Calif., Jan. 1973. 9 p. P-4935. (IR 75-0043) 10A
Analysis of demands which create higher-than-average growth
rate in transportation sector, exceeding rate of increase
for rest of country. Paper presented at a seminar on
"Energy as a scarce resource," Dec. 9, 1972, California
Institute of Technology.
42. _____. TRANSPORTATION AND ENERGY. Santa Monica,
Calif., June 1973. 20 p. P-5025. (IR 74-0004) 10A
Reasons for growth in energy use by transportation, and
modal shifts due as petroleum supplies decrease.
43. Sanson, Robert L. ENERGY, LAND USE AND THE ENVIRONMENT: THE
IMPACT ON TRANSIT. Transit Journal, v. 1(4), Nov. 1975: 6-20.
HQ
Worldwide origins of the transportation energy shortage;
higher energy costs and automobile use; long-term impact
of higher energy prices on travel.
44. TRANSPORTATION AND ENERGY: WHO DOES WHAT WITH HOW MUCH?
Railway Age, v. 174(12), June 25, 1973: 40-41. HQ
For transportation, implications of whole energy
situation are immense, especially with inescapable
tie-in of energy and environment.
45. TRANSPORTATION FACILITIES WORKSHOP: PASSENGER, FREIGHT AND
PARKING. Proceedings of a conference, May 22-24, 1974, co-
sponsored by the American Society of Civil Engineers, Carnegie-
Mellon University, the Transportation Research Institute, and the
Metropolitan Association of Urban Designers and Environmental

Planners. New York, American Society of Civil Engineers, 1975.
558 p. (HE311.U5T83) HQ

Forty-eight papers on air, ground transport, energy,
environment, governmental policy.

46. U.S. Dept. of Transportation. TRANSPORTATION ENERGY CONTINGENCY
PLANNING: LOCAL EXPERIENCES. Compiled by the U.S. Federal
Highway Administration and the U.S. Urban Mass Transportation
Administration. Washington, 1979. 161 p. (TJ163.5.T7U544) HQ
47. U.S. Federal Highway Administration, Office of Highway Planning,
and Office of Environmental Policy. ENERGY IMPACT ANALYSIS RE-
SOURCE INFORMATION. Washington, U.S. Dept. of Transportation,
1976. iv, 103 p. (HD9502.U52U66) HQ
Compilation of energy utilization factors for use in
assessing energy effects of transportation alternatives.
48. U.S. Transportation Systems Center, Technology Sharing Program
Office. ENERGY PRIMER: SELECTED TRANSPORTATION TOPICS.
Washington, U.S. Dept. of Transportation, 1975. ii, 75 p.
(HE206.3.U73). HQ, 10A
Broad overview of current and projected transportation energy
situation in the United States; energy statistics, supply,
and utilization forecasts; evaluation of conservation alter-
natives.
49. Winger, John G. ENERGY CRISIS AND TRANSPORTATION. Automotive
Engineering, v. 81(3), Mar. 1973: 38-39. HQ, 10A
An adequate supply of energy for the transportation sector
would have repercussions through the nation's economy.

CONSERVATION

50. Arnold, Eugene D. OPPORTUNITIES FOR ENERGY CONSERVATION IN TRANSPORTATION PLANNING AND SYSTEMS MANAGEMENT. Prepared in cooperation with the U.S. Federal Highway Administration. Charlottesville, Va., Virginia Highway and Transportation Research Council, 1978. xii, 69 p. (HE213.V6A87) HQ
51. BRI Systems, Inc. ESTEEM: ENCOURAGING SCHOOL TRANSPORTATION EFFECTIVE ENERGY MANAGEMENT. Washington, U.S. Dept. of Transportation, Oct. 1977. ix, 148 p. (TEA684.B75) HQ
Fuel economy management handbook for directors of pupil transportation, school district administrators, transportation department managers.
52. . FUEL ECONOMY THROUGH TEAMWORK: ENERGY SAVINGS IN SCHOOL TRANSPORTATION PUBLICATION SERIES. Washington, U.S. Dept. of Transportation, Oct. 1977. (TEA684.B752) HQ
Series of five booklets prepared to help school districts set up their own fuel conservation program in their own fleets.
53. Burbank, Cynthia J. TRANSIT AND ENERGY CONSERVATION PROGRAMS: VITALLY LINKED. Transit Journal, v. 2(2), May 1976: 59-64. HQ
54. CHANGES IN LIFE STYLE TERMED VITAL TO ENERGY CONSERVATION. Automotive News, v. 50(4551), July 7, 1975:6. HQ
"Energy consciousness" - the deliberate choice of car-pooling, forbearance from unnecessary trips, substitution of walking and cycling, high-density living.
55. Flachsbart, Peter C. EVALUATING MOTOR FUEL CONSERVATION POLICIES AT THE COMMUNITY LEVEL. Traffic Quarterly, v. 33(3), July 1979: 397-412. HQ, 10A
56. French, Alexander. TRANSPORTATION ENERGY CONSIDERATIONS. Transportation Engineering Journal of the ASCE, Proceedings of the American Society of Civil Engineers, v. 102 (TE1), Feb. 1976: 27-45. HQ, 10A
Over half of all petroleum is used for transportation and 40% for highway transportation. A projected 70% improvement in miles per gallon, trip consolidation, shifts to walk and bicycle, and shifts to transit, in that order, could cut highway fuel use in half, absorb more than a doubling of fuel price with no cost increase to the operator, and accommodate forecast increases in travel by 1985.
57. FUEL ECONOMY. Automotive Engineering, v. 85(11), Nov. 1977: entire issue. HQ, 10A
58. Greene, D. L., and others. REGIONAL TRANSPORTATION ENERGY CONSERVATION DATA BOOK: EDITION 1. Prepared for the U.S. Dept. of Energy, Office of Conservation. Oak Ridge, Tenn., Oak Ridge National Laboratory, 1978. 509 p. ORNL-5435. (TJ163.5.T7R45) HQ

59. Hirst, Eric. TRANSPORTATION ENERGY CONSERVATION: OPPORTUNITIES AND POLICY ISSUES. Transportation Journal, v. 13(3), Spring 1974: 42-52. HQ, 10A
History, conservation opportunities, implementation.
60. HOW SHALL WE CONSERVE ENERGY? Technology Review, v. 76(4), Feb. 1974: entire issue. HQ, 10A
61. National Petroleum Council, Committee on Energy Conservation. POTENTIAL FOR ENERGY CONSERVATION IN THE UNITED STATES: 1974-1978. Washington, 1974. 129 p. (TJ163.4.U6N385) HQ, 10A
Report in response to Secretary of the Interior's request to analyze possibilities for conservation, determine patterns of future energy use, and assess impact of such measures in future energy posture. Work assigned to six task groups and divided into two time frames: 1974-1978, and 1979-1985 and beyond.
62. _____ . POTENTIAL FOR ENERGY CONSERVATION IN THE UNITED STATES: 1974-1978 - TRANSPORTATION. A report of the Transportation Task Group. Washington, 1974. 152 p. (TJ163.4.U6N383) HQ, 10A
Appraises short-term measures applicable to six basic transport modes: highways, airways, railways, waterways, urban public transit and pipelines.
63. _____ . POTENTIAL FOR ENERGY CONSERVATION IN THE UNITED STATES: 1979-1985. Washington, 1975. 204 p. (TJ163.4.U6N385) HQ, 10A
64. National Research Council, Transportation Research Board. TRANSPORTATION ENERGY CONSERVATION AND DEMAND. Washington, 1976. 68 p. Transportation Research Record No. 561. (TE5.3.H5A31 no. 561) HQ
Six reports prepared for the 54th annual meeting of the Transportation Research Board on energy, the automobile, and gasoline consumption.
65. Polishuk, Paul. REVIEW OF THE IMPACT OF TELECOMMUNICATIONS SUBSTITUTES FOR TRAVEL. IEEE Transactions on Communications, v. COM-23(10), Oct. 1975: 1089-1098. HQ, 10A
Prototype systems in the United States; federally funded research activities; evaluation of the social and economic impacts; areas for further research.
66. Public Technology, Inc. ENERGY CONSERVATION: A MANAGEMENT REPORT FOR STATE AND LOCAL GOVERNMENTS. Washington, National Science Foundation, Mar. 1975. 7 p. (TJ163.4.U6P83) HQ
Guidelines for planning and implementing conservation programs, prepared under the Research Applied to National Needs (RANN) program.

67. . ENERGY CONSERVATION: A TECHNICAL GUIDE FOR STATE AND LOCAL GOVERNMENTS. Washington, 1975. 113 p. (TJ163.4.U6P832) HQ
Presents synthesis of existing technologies, a guide to what is now known about energy conservation.
68. Rocky Mountain Energy Economics Institute, 10th. CONSERVATION AND THE CHANGING DIRECTION OF ECONOMIC GROWTH. Bernhard J. Abrahamson, ed. Boulder, Colo., Westview Press, 1978. xviii, 151 p. (HE9502.U52R63) HQ
Papers presented at the 10th Institute, June 26-29, Aspen, Colo., sponsored by the Rocky Mountain Oil and Gas Association and the Denver Research Institute.
69. SPECIAL ENERGY CONSERVATION ISSUE. Catalyst for Environmental Quality, v. 6(4), 1979: 6-32. HQ, 10A
Costs, technology, ways to conserve.
70. TRANSPORTATION ENERGY CONSERVATION: TOOLS TO MEET THE NATIONAL OBJECTIVE. Sarah J. LaBelle, ed. Summary of meeting, Argonne National Laboratory, Feb. 12, 1976. Argonne, Ill., 1976. iii, 38 1. ANL-76xx-4. (TJ163.3.T83) HQ
Chicago area transportation planners and researchers, and Energy Research and Development Administration conservation representatives explore current situation in urban transportation energy use in terms of strategies available to reduce energy consumption in the future.
71. U.S. Citizens' Advisory Committee on Environmental Quality. CITIZEN ACTION GUIDE TO ENERGY CONSERVATION. Washington, 1973. 64 p. (TJ163.4.U6U44) HQ
Directed to citizen leaders, public officials, and others in a position to promote understanding of need for energy conservation and to encourage practice on a broad scale by the American people. Brings together a factual account of the problem and some well-documented steps to do something about it.
72. U.S. Dept. of Transportation. FUEL ECONOMY IMPROVEMENT PROGRAM. Prepared for the Energy Resources Council. Washington, 1975. 38 1. (TL151.6.U715) HQ
73. U.S. Federal Energy Administration, Office of Contingency Planning. PROPOSED ENERGY CONSERVATION CONTINGENCY PLAN: EMERGENCY WEEKEND GASOLINE AND DIESEL FUEL RETAIL DISTRIBUTION RESTRICTIONS: ECONOMIC IMPACT ANALYSIS, ENVIRONMENTAL IMPACT ASSESSMENT. Washington, 1977. 248 p. (HD9502.U52U5822) HQ
74. U.S. Office of Emergency Preparedness. THE POTENTIAL FOR ENERGY CONSERVATION: A STAFF STUDY. Washington, Executive Office of the President, 1972. 243 p. (TJ163.4.U6U5) HQ, 10A
Some of recommended realizable conservation measures involving transportation are shifting intercity freight from highway to rail, intercity passengers from air to ground, and urban passengers from automobiles to mass transit.

1

82. Evans, Leonard. DRIVER BEHAVIOR EFFECTS ON FUEL CONSUMPTION IN URBAN DRIVING. Human Factors, v. 21(4), Aug. 1979: 389-398. 10A
With drivers instructed to drive other than normally in traffic, for each 1% of increase (decrease) in trip time, fuel consumption increases (decreases) by 1.1%.
83. General Motors Corporation. COMMENTS BY GENERAL MOTORS CORPORATION TO THE FEDERAL ENERGY ADMINISTRATION ON PASSENGER CAR FUEL ECONOMY. Warren, Mich., Aug. 1974. 378 p. (TL151.6.G47) HQ
Forecasts decline in gasoline usage in next 10 years (due to small car demand and increased fuel efficiency) which will provide time for needed research in alternative fuels and engines.
84. Greene, David L. AN INVESTIGATION OF THE VARIABILITY OF GASOLINE CONSUMPTION AMONG STATES. Prepared for the U.S. Dept. of Energy, Office of Conservation. Oak Ridge, Tenn., Oak Ridge National Laboratory, 1978. x, 51 p. ORNL-5391. (TL151.6.G84) HQ
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V. 1. The plan.
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Final report of Transportation Energy Panel. Suggested actions, both short and long term, to reduce dependence on imported petroleum.

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INDEX: INDIVIDUAL

<u>Individual</u>	<u>Item No.</u>
Aarons, Richard N.	281
Abelson, Philip H.	1
Abrahamson, Bernhard J.	68
Allvine, Fred C.	471
Archibald, Robert B.	267
Arnold, Eugene D.	50
Askin, A. Bradley	113
Baker, John	164
Barker, William G.	405
Bartholomew, D. P.	183
Beade, Patricia	494
Bearden, William O.	105
Bernard, Martin Joseph	406, 407
Bloch, Carolyn C.	208
Bogart, James	420
Bohi, Douglas R.	433
Brewer, G. Daniel	165, 166, 172
Brown, Lester R.	339, 340
Buckley, Frank T.	363
Buffington, Jesse L.	320
Burbank, Cynthia J.	53
Burton, H. Robert	24
Callahan, Joseph M.	341
Campbell, Edward A.	365
Campbell, M. Earl	459
Chambers, R. S.	167
Chausse, Ron	168
Churchill, A. V.	169
Claffey, Paul J.	367
Clark, Philip H.	78
Clark, Ron	321
Cloutier, Roger L.	9
Coan, Howard	344
Commoner, Barry	2
Conant, Melvin A.	3
Conner, Bettina	490
Connery, Robert H.	18
Cooke, Henry R.	408
Cooper, Lawrence C.	405, 409
Cope, Edwin M.	79
Corsi, Thomas M.	434
Crable, David	22
Creswick, F. A.	322
Darmstadter, Joel	80
David, David Howard	435

<u>Individual</u>	<u>Item No.</u>
Davis, W. Jackson	131
Dudas, Janice L.	8
Duggan, Jerome L.	9
Dyer, Calvin R.	270
Easingwood-Wilson, D.	81
Eccleston, B. H.	368
Edwards, Jerry L.	410
Erickson, Edward W.	437
Erlbaum, Nathan S.	369
Escher, William J. D.	172
Evans, Douglas	438
Evans, Leonard	82
Ezzati, Ali	10
Farmer, Richard	109
Finger, Harold B.	272
Fisher, John Crocker	11
Fishwick, John P.	323
Flachsbart, Peter C.	55
Fowler, John W.	440
French, Alexander	56, 346, 476
Fried, Edward R.	112
Fulton, Ken	110
Gaffney, Gerald P.	212
Galliker, J. Paul	111
Gambaccini, Louis J.	27
Garrison, Paul	290
Garrison, William L.	412
Gilmour, Robert S.	18
Goeller, Harold E.	23
Gold, Fern Racine	3
Gordon, Howard	488
Goss, W. P.	28
Gray, D. E.	292
Greene, D. L.	58, 84, 85
Grenon, Michel	461
Grey, Jerry	205
Griffin, James M.	138
Gunnarsson, S. Olaf	249
Guthrie, M. P.	460
Hackleman, Michael A.	375
Hackney, David	414
Hammond, Allen Lee	441
Harman, R. G.	250, 251
Harvey, Milton E.	434
Hass, Jerome E.	104
Hayes, Earl T.	139

<u>Individual</u>	<u>Item No.</u>
Heiman, Grover	175, 176, 177, 213
Hirst, Eric	59, 86, 348, 442
Hoch, Irving Joseph	495
Hoey, William P. III	443
Hoheisel, Robert	349
Holloman, John Herbert	461
Hopkins, John B.	324
Husted, Robert A.	29
Hysong, Leonard	429
Ichniowski, Tom	325
Iskandar, Marwan	482
Jacklin, D.	404
Jacops, Marie-Annick	114
Jewell, David A.	431
Jilek, Glenn	31
Jones, David W., Jr.	412
Joskow, Paul L.	180
Kearney, A. T.	350
Keith, R. A.	416
Klebanoff, Shosana	445
Kouskoulas, Vasily	32
Labelle, Sarah J.	70, 407
Larson, George	181
Lawrence, Robert M.	475
Lawson, L. J.	417
Lenorovitz, Jeffrey M.	483
Leonard, Daniel	484
Levy, Robert	182
Lewis, John Hiram III	294
Lieb, John G.	418
Loftness, Robert L.	14
Lukasiewicz, J.	33
McBride, Richard	22
McGowan, J. G.	28
McHenry, John P., Jr.	140
McMahon, Noel	34
McNamara, John E.	300
McNerney, N. C.	16
McRae, Alexander	8
Mancke, Richard B.	446
Marzola, D. L.	183
Masefield, Sir Peter	184

<u>Individual</u>	<u>Item No.</u>
Mead, Walter J.	447
Meador, Marion W.	386
Meador, Roy	488
Meaney, Judith A.	419
Merklein, Helmut A.	116
Miller, Roger LeRoy	117
Mitchell, Edward J.	454
Mittal, Ram K.	37
Mohleji, S. C.	304
Mosley, Leonard	485
Moss, Frank	305
Multi, Rasin K.	449
Munson, Michael J.	449
Murphy, Joseph S.	118, 119
Myers, Edward T.	326
Nagle, Steve	420
Neveu, Alfred J.	39
Newman, Martin	205
Noreng, Øystein	145
Norton, Hugh S.	327
Oguchi, Yasubei	96
Ortiz, René G.	146
Osborne, Richard	31
O'Toole, James	20
Ott, James	147
Papedes, Daniel N.	15
Patterson, James M.	471
Persson, Fil.-kand Bo	249
Peskin, Robert L.	422, 489
Peterson, Francis S.	40
Pindyck, Robert S.	180
Plum, Roger	383
Pole, Nicholas	353
Polishuk, Paul	65
Ponte, J., Jr.	214
Randell, M. A. L.	310
Raskin, Donald	424
Rechel, Ralph E.	215
Reece, William S.	267
Reistrup, P. H.	330
Rek, Bron	120
Reynolds, Reid	94
Rice, Richard A.	148
Ridgeway, James	490
Rifai, Taki	121
Rose, A. B.	261, 262
Russell, Milton	433

<u>Individual</u>	<u>Item No.</u>
Sano, Masahide	96
Sanson, Robert L.	43
Schelling, Thomas C.	453
Schofer, Joseph L.	422
Schultze, Charles L.	112
Schurr, Sam H.	464
Seiferlein, Katherine E.	499
Sen, Ashish	97
Shaw, Robert R.	275
Sheahan, Richard Thomas	263
Shinnar, Reuel	355
Sikorsky, Robert	388
Sinha, Kumares C.	430
Soot, Siim	97
Steinberg, Eleanor B.	457
Stimpson, Ed	477
Stobaugh, Robert	135
Stork, Eric O.	245
Stucker, James Perry	122
Suetsugu, Katsuhiko	356
Sullivan, Thomas F. P.	16
Sweetman, Bill	190, 191
Tallon, Peter	123
Talukdar, Sarosh N.	333
Tassin, Y. Marchefert	425
Tilton, John E.	465
Travis, Claude	99
Tuininga, E. J.	264
Udall, Stewart L.	21
Wade, Nicholas	206
Walbridge, Edward W.	338
Warren, Charles	155
Waverman, Leonard	437
Wengert, Norman J.	475
Wilkinson, Kenneth	318
Williams, T.	103, 404
Winant, John H.	279
Winger, John G.	49
Wood, P. W. J.	493
Worthy, Ward	207
Wright, Samuel	429
Wylie, Lyle D.	346
Yager, Joseph A.	457
Yergin, Daniel	135
Yodice, John S.	244
Yunker, Kenneth R.	430

INDEX: CORPORATE SOURCE

<u>SOURCE</u>	<u>ITEM NO.</u>
Aerospace Corporation	246, 319, 361
Air Transport Association of America	130
Aircraft Owners and Pilots Association	283
American Association for the Advancement of Science	1, 441
American Enterprise Institute for Public Policy Research	447, 454
American Institute of Aeronautics and Astronautics	205, 212, 268, 272, 284
American Society for Information Science	458
American Society of Civil Engineers	45
Argonne National Laboratory	70
Atlantic Richfield Company	162
Automobile Club of Southern California	362
BRI Systems, Inc.	51, 52
Battelle Laboratories	322, 458
Boeing Commercial Airplane Company	247, 248, 285
Boeing Vertol	288
Brookings Institution	4, 112
California Dept. of Highway Patrol	472
California Institute of Technology	41, 75, 76
Cambridge Systematics	364
Carnegie Mellon University	45, 333
Center for Compliance Information	8
Charles River Associates	106, 209, 342, 343, 366
Chicago Regional Transportation Authority	407
Committee for Economic Development	170, 453
Congressional Quarterly, Inc.	473
Conservation Foundation	215
Council on Foreign Relations	145
Cryogenic Engineering Conference	194
Delta Research Corporation	132
East-West Gateway Coordinating Council	420
Edison Electric Institute	212, 272
Electric Power Research Institute	88
Environment Information Center, Inc.	5, 6, 7
Environmental Impact Center	345
Escher Technology Associates	271
European Community Institute for University Studies	4
Exxon Corporation	137
Ford Foundation	104, 136, 439, 457

<u>SOURCE</u>	<u>ITEM NO.</u>
General Electric Company	291, 413
General Motors Corporation	83
Government Institutes, Inc.	16
Grey Advertising, Inc.	371, 372
Gulf Research and Development Company	373
Honeywell, Inc.	87
Institute of Electrical and Electronics Engineers	212, 272
Institute of Gas Technology	178
Institute of Transportation Studies	412
International Civil Aviation Organization	179
International Institute for Applied Systems Analysis	151
International Road Transport Union	253
Interplan Corporation, Inc.	415
Japan Economic Research Center	4
Little (Arthur D.) Inc.	352, 377, 378
Lockheed Aircraft Corporation	295, 296, 297
Lockheed-California Company	298, 299
Massachusetts Institute of Technology	89, 115
Metropolitan Association of Urban Designers and Environmental Planners	45
Metropolitan Washington Council of Governments	78
Mitre Corporation	36, 90, 142, 254, 302, 303, 386, 448, 462
National Academy of Engineering	17
National Academy of Political Science	18
National Academy of Sciences	19, 91, 452
National Air Transportation Association	185, 306
National Business Aircraft Association	279
National Petroleum Council	61, 62, 63, 450, 451, 486
National Research Council	19, 38, 64, 91, 255, 452
Transportation Research Board	38, 64, 255, 452
National Science Foundation	66, 86, 89, 258, 259, 354, 444, 458, 463, 464
National Transportation Policy Study Commission	143, 144
New York State Dept. of Transportation	39, 369, 424
Planning Division	39
North Atlantic Treaty Organization	
Advisory Group for Aerospace Research and Development	186, 187, 292
North Central Texas Council of Governments	409
Noyes Data Corporation	208
Oak Ridge Associated Universities	9
Oak Ridge National Laboratory	58, 84, 86, 92, 132, 256, 261, 262, 273, 307, 348, 460, 463, 500

SOURCEITEM NO.

Opinion Research Corporation	487
Organization for Economic Cooperation and Development	421, 496, 497, 498
Peat, Marwick, Mitchell and Company	257
Pratt and Whitney Aircraft	308, 309
Public Technology, Inc.	66, 67
Rand Corporation	41, 42, 122, 258, 259, 354, 423
Research Applied to National Needs (RANN) Program	66, 86, 348
Resources for the Future	80, 88, 136, 464, 465, 495
Rockefeller Foundation	13
Rocky Mountain Energy Economics Institute	68
Ross (Howard R.) Associates	95
Royal Aeronautical Society	268, 273
St. Louis Area Council of Governments	133
Skinner, R. E.	416
Society of Automotive Engineers	25, 384
Southern California Association of Governments	95
Stanford Research Institute	149, 276
Texas A&M University	320
Texas Transportation Institute	320
Transport and Road Research Laboratory	81, 103
Transportation Research Institute	45, 333
Union Carbide Corporation	194
Union College	37, 337
United Airlines	124
United Nations Institute for Training and Research (UNITAR)	151
U.S. Atomic Energy Commission	466
U.S. Bureau of the Census	501
U.S. Central Intelligence Agency	152
U.S. Citizens Advisory Committee on Environmental Quality	71
U.S. Coast Guard	431
U.S. Congress, House	
Committee on Appropriations	90
Committee on Interstate and Foreign Commerce	154, 238
Committee on Public Works and Transportation	277
Committee on Science and Astronautics	463, 467
U.S. Congress, Office of Technology Assessment	426
U.S. Congress, Senate	
Committee on Appropriations	195, 426
Committee on Energy and Natural Resources	125
Committee on Environment and Public Works	427
Committee on Finance	237
Committee on Interior and Insular Affairs	201
U.S. Congressional Budget Office	427

SOURCEITEM NO.

U.S. Dept. of Energy	37, 58, 92, 109, 111, 196, 197, 205, 261, 262, 347, 368, 371, 372, 373
U.S. Dept. of Interior	153
U.S. Dept. of Transportation	29, 39, 46, 47, 48, 51, 52, 72, 75, 76, 101, 102, 115, 149, 150, 204, 209, 217, 218, 218a, 219, 257, 265, 266, 337, 345, 352, 358, 359, 361, 362, 377, 378, 384, 390, 391, 393, 418, 422, 428, 444, 470, 502
Federal Aviation Administration	90, 100, 126, 221, 222, 223, 278, 302, 303, 311, 312, 313, 314, 315, 316, 491
Federal Highway Administration	31, 46, 47, 50, 79, 87, 133, 346, 367, 392, 476, 489
Federal Railroad Administration	319, 324, 332, 335, 336
National Highway Traffic Safety Administration	342, 343, 357, 368, 394, 395, 396, 397, 398, 492
Research and Special Programs Administration	29, 422
Transportation Systems Center	48, 101, 242, 243, 266, 358, 359, 384, 399, 400, 401, 470 115
University Research Program	46, 102, 133, 364, 402, 413, 415, 419, 420, 423, 424
Urban Mass Transportation Administration	246, 384, 468
U.S. Energy Research and Development Administration	9
Office of University Research	19, 377, 391, 444, 469
U.S. Environmental Protection Agency	74, 220
U. S. Executive Office of the President	74
Emergency Preparedness	220
Energy Planning and Policy	73, 106, 127, 224, 225, 226, 227, 239, 350, 351, 366, 391, 444, 462
U.S. Federal Energy Administration	198, 211, 228, 229, 230, 231, 232, 233, 234, 235, 236, 455, 456
U.S. General Accounting Office	199, 200
U.S. Institute for Basic Standards	237
U.S. International Trade Commission	444
U.S. Interstate Commerce Commission	154, 201, 238
U.S. Library of Congress Congressional Research Service	124, 128, 162, 265, 291, 297, 308, 309
U.S. National Aeronautics and Space Administration	124, 128, 265, 295, 296, 298, 299
Ames Research Center	202, 270, 285, 288
Langley Research Center	393
Dryden Flight Research Center	100
U.S. National Aviation Facilities Experimental Center	199, 200
U.S. National Bureau of Standards	74
U.S. Office of Emergency Preparedness	444
U.S. Postal Service	

<u>SOURCE</u>	<u>ITEM NO.</u>
U.S. President	241
U.S. Synfuels Interagency Task Force	203
University of California	412
University of Missouri	204
University of Santa Clara	205
University of Southern California	20
Center for Futures Research	
University of Wisconsin	332
Virginia Highway and Transportation Research Council	50
Voorhees (Alan M.) and Associates	102, 402
Washington Consortium of Universities	419
Urban Transportation Center	
Western Michigan University	317
Workshop on Alternative Energy Strategies	156, 157, 158, 159
World Energy Conference	23, 160
Conservation Commission	160
U.S. National Committee	23