Energy -- A Scientific, Technical and Socio-Economic Bibliography

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Corvallis, Oregon
ENERGY - A SCIENTIFIC, TECHNICAL AND
SOCIO-ECONOMIC BIBLIOGRAPHY

by

Kitty Hsieh

Bibliographic Series Number 12

Corvallis: Oregon State University Press
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Kitty Hsieh

September 1976
WHAT AND HOW

This bibliography is prepared for researchers in various fields of energy, teachers and students at the college level or above, and whoever helps the above people with their research or teaching.

Emphasis is placed on users of the Oregon State University Library, hence a call number (in parenthesis) is given after every item in the OSU Library to assist users in locating the item. Special effort is made to sort out publications on Oregon and the Pacific Northwest and by researchers at OSU (see Appendix I, II).

The following explanation of notations in this bibliography is for the OSU Library users only:

1. To look for an item without a call number:
   a. Look in the Library Card Catalog and see if the Library has received the item since the compilation of this bibliography.
   b. Ask at the Science-Technology Desk, 5th floor, to see if the item is on the "Energy Shelf"

2. "R" after a call number means the item is in the reference area of the Social Science and Humanities Division, 2nd floor. "R Sci.Tech." after a call number means the item is in the reference area of the Science-Technology Division, 5th floor.

3. An item with a plain "Z" call number is on the 4th floor, while an item with the term "Sci.Tech" after the "Z" is on the 5th floor.

4. A dash sign "-" after the date of publication of an item means this is a continuous publication. It can be a journal or a series.

Users of this bibliography are encouraged to consult Energy Reference Sources (by Kitty Hsieh, 1975) for additional information.
I. GENERAL ENERGY INFORMATION

Abstracts and Indexes


Bibliography


Dictionaries


Directories


Statistics


8. Statistical Yearbook. UN Statistical Office. 1948-. (HA12.5 U6 R)


Selected List of Periodicals


4. Energy Perspectives. Monthly. (By Battelle Memorial Institute)


7. Energy World. Monthly. (TP315 E5)

8. Science. (Q1 S32)


10. Science News. (Q1 S34)

11. Scientific American. (Q1 S357)

12. ERDA. U.S. Energy Research and Development Administration. (TJ153 U535)


15. World Energy Conference. Transactions. (TJ5 W6)

G. Selected Reading Materials.


16. Energy in Perspective. By Jerry B. Marion. (HD9502 U52 M375)


18. Energy Resources. (The Open Univ.)


II. SPECIFIC SOURCES OF ENERGY

A. Coal

Abstracts and Indexes

   Abstracts B: Coal and Mining Geology. Bi-Monthly.

See Also I.A, page 1.

Bibliographies

1. Classified List; Papers Published in the Journal of Fuel, and in Reports of Special Studies of the Institute. Institute of Fuel, London. Irregular. (TP315 159)

Statistics

Selected Reading Materials


5. Energy from Coal. Guidelines for the Preparation of Environmental Impact Statements. NTIS


Selected List of Periodicals

1. Fuel; A Journal of Fuel Science. (TP315 F9)

2. Coal Age. (TN1 C6)

3. Journal. Institute of Fuel, Quarterly. (TP315 I6)

B. Mineral Resources.

Abstracts and Indexes


See Also I.A, page 1.

Bibliographies

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Selected Reading Materials


C. Natural Gas

Abstracts and Indexes


See also I.A, page 1.

Bibliographies


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8. Oil and Gas Resources, Reserves, and Productive Capacities. U.S. Federal Energy Administration. (TN872 A45 1975a) 1975-


Selected List of Periodicals

1. Annual Report; American Gas Association, PAR Committee. (TP700 A52)


3. The Oil and Gas Journal. Weekly. (TN860 05)

4. Pipeline and Gas Journal. (TP700 A53)
D. Petroleum

Abstracts and Indexes


See Also I.A, page 1.

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1. International Petroleum Encyclopedia. Petroleum Publishing co. (HD9560 .5 I59 R)

2. OPD Chemical Buyers Directory. Annual (TP12 05 R Sci. Tech.)

Statistics


5. National Petroleum Product Supply and Demand. Annual. U.S. FEA (HD9502 U52 U537 no.74-5, 75-5, etc.)


7. Oil and Gas Journal. Regular Weekly statistics and annual Directory and Forecast issues. (TN860 05)


12. Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada. (TN872 A5 A63)


Selected List of Periodicals

5. Exxon USA. (HD9569 H9 A7)
6. Hydrocarbon Processing. (TP690 A1 P4)
7. Lamp. Quarterly. (HD9560 .1 L3)
10. National Petroleum News, the National Oil Weekly. (TN860 N3)
11. Offshore. (TN871 .3 027)
13. Oilweek. (HD9574 C2 05)
14. The Oil and Gas Journal. (TN860 05)
16. Oilways. (TN860 H9)
17. Pacific Petroleum Geologist. 1947- . (TN860 P2)
18. Petroleum Age. 1921- . (HD9560 .1 P4)
22. Petroleum Review. (TP690 A1 P42)
24. Pipeline Industry. (TJ930 P5)
28. Western Oil and Refining. Review Number. (TN862 P4)
30. World Oil. (TN860 W5)

Selected Reading Materials


10. Middle East Oil and U.S. Foreign Policy. By Shoshana Klebanoff. 1974. (HD9576 N36 K57)


15. Oil and World Power. By Peter R. Odell. (HD9560 .5 033 1974)

16. Oil Producers and Consumers: Conflict or Cooperation. 1974. (HD9560 .1 05)

17. Oil Transportation by Tankers: An Analysis of Marine Pollution and Safety Measures. (K U43) 1975.

18. Optimum Use of World Petroleum. AICHE Symposium Series no.142. 1974. (TP1 A52)

19. Petroleum and the Continental Shelf of Northwest Europe. Ed. by Austin W. Woodland. (TN874 A1 P47) 1975-


24. Power from the Sea; The Search for North Sea Oil and Gas. By Clive Callow. 1973. (TN871 .3 C34)


III. SPECIFIC TYPES OF ENERGY

A. Geothermal

Bibliographies


   (For Abstracts and Indexes see I.A, page 1.)

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Selected List of Periodicals

1. Geothermal Energy Magazine. (TJ280 .7 G44)
2. Geothermics.
3. Geotimes. (QE1 G694)
5. Journal of Volcanology and Geothermal Research. (QE521.5 J6)

Selected Reading Materials

10. Geothermal Overviews of the Western United States. 

11. The Geothermal Steam Story or a Hot Tip From Mother 


13. Geothermics, With Special Reference to Application. By 
O. Kappelmeyer and R. Haenel. (TN269 G384 ser.1.no.4)1974.

By. J.W. Elder. 1966. (GB1179 E5)

15. Klamath Basin; Environmental Analysis Record for Proposed 
(TD194 .5 U53 no.13)

International Conference on Geothermal Energy for Industrial, 


19. Prospectives for Nuclear-Stimulated Geothermal Power in the 
(TK1041 S3)

By Alan Laird. Office of Saline Water Research and Develop-
ment Progress Report no. 711. (TD479 U5 no.711)


22. A Technology Assessment of Geothermal Energy Resource Dev-

U53 no.10)


25. The Basis of Applied Geothermal Engineering. By Edward F. 
Wehlage. 1976. (TJ280.7 W4)
B. Hydroelectric

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(For abstracts and indexes see I.A, page 1.)

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C. Hydrogen and Synthetic Fuels

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See Also I.A, page 1.

Selected List of Periodicals

1. Hydrocarbon Processing. (TP690 Al P4)

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D. Nuclear

Abstracts and Indexes

1. Atomindex. (Superseding Nuclear Science Abstract from July 1976)
2. AEC News Release Index. (QC773 .3 U5 A3 R Sci. Tech.)

See Also I.A, page 1.

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2. Nuclear Reactors Built, Being Built, or Planned in the U.S. Office of Assistant General Manager for Energy and Development Programs. Annual. (TID-8200)


Selected List of Periodicals

1. Advances in Nuclear Science and Technology. Irregular. 1962- . (TK9008 A3)


6. Atomic Data and Nuclear Data Tables. 1973- . (QC173 N74)


14. Nuclear Engineering and Design. (TK9001 N95)

15. Institution of Nuclear Engineers Journal. Institution of Nuclear Engineers. (TK9001 I56)


21. Nuclear Technology. (TK9001 N82)

22. Nucleonics. L947-  . (QC1 N8)


27. Soviet Atomic Energy.

Selected Reading Materials


E. Solar

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(For abstracts and indexes see I.A, page 1.)

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   House. Committee on Science and Technology. Committee Print.
   1975.

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   U.S. FEA. 1974. (HD9502 U52 P76)

   Noyes Data Corp. (TK1041 H32)

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   1957- . (TJ810 S6)


   (TJ810 C57)
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11. Photovoltaic Specialist Conference. Conference Record. Institute of Electrical and Electronics Engineers. (TK2960 P48)


F. Tidal and Ocean Thermal

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G. Wind

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1. Energy From the Wind; Annotated Bibliography. By Barbara L. Burke and Robert N. Meroney. (TJ825 B8)

   (For Abstracts and Indexes see I.A.,page 1.)

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10. Wind Machines. NSF-RA-N-75-51. 1975 (Q180 U5 U54)


IV. ENERGY RELATED TOPICS

A. Agriculture and Food Supply

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2. FAO Commodity Review and Outlook. Annual. (HD9000 .4 F61)


5. Production Yearbook. FAO. (HD1421 F62 R)


Selected List of Periodicals

1. Agricultural Engineering. Monthly. (S671 A4)
2. American Journal of Agricultural Economics. 5/year. (S560 J6)
3. American Society of Agricultural Engineers. Transactions. 6 issues/year. (S671 A52)
6. Bio-Science. (QH1 A13)
7. Ceres. Food and Agriculture Organization of the United Nations. 1968- . (HD9000 .1 F2)

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B. Business and Economics

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3. Wall Street Journal Index. (HG1 W21 R)
See also I.A., page 1.

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10. Organization for Economic Cooperation and Development. OECD Economic Surveys: (by country)


12. Retail Prices and Indexes of Fuels and Utilities. Monthly. 1955-


Selected List of Periodicals


2. Business Week. (HF5001 B8)


5. Energy Users Report. (HD9540 E51 R)

6. Nation's Business. Monthly. (HF1 N4)

7. Public Utilities. Fortnightly. (HD2766 P8)

8. Wall Street Journal. (HG1 W2)

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C. Conservation

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D. Education

Abstracts and Indexes

1. Education Index. (Z5813 E4 R and R Sci.Tech.)
2. Resources in Education. (ERIC). (Z5813 R4 R)

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Selected List of Periodicals

1. Intellect. (L11 S3)
2. Journal of Chemical Education. (QD1 J56)
3. Physics Teacher. (QC30 P5)
4. Science and Children. (Q181 S27)
5. Science Teacher. (Q181 S32)
6. Social Education. (H1 S62)
7. Today's Education. (L13 N2)

Selected Reading Materials

1. Resources in Education. Microfiche. (Articles abstracted in ERIC are available on Microfiche)
E. Electricity.

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11. Gas Turbine Electric Plant Construction Cost and Annual Production Expenses. 1972-. (HD9685 U5 U54)


19. Rate Research. Rate Research Committee of the National Electric Light Association. Weekly. 1912-. (TK1 R2)


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4. Electric Light and Power; The Electric Service Companies' Magazine. Electrical Publications, Inc. 1923- . (TK1 E53)
5. Electrical Construction and Maintenance. Monthly. 1901- . (TK1 E45)
8. Electrical World. (TK1 E56)
10. Merchandising Week. Weekly. 1907- . (TK1 E546)
13. Philco Corporation, Annual Report. 1892- . (HD9685 U5 P5)
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F. Environment

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1. Atmospheric Environment. (TD881 A7)

2. Catalyst for Environmental Quality. (S900 C31)


4. Environment. (TD180 S3)

5. Environment Reporter. (HC68 E6 R)

6. Environmental Science and Technology. (TD180 E5)

7. Journal of Environmental Education. (S946 E4)


9. Water, Air and Soil Pollution. (TD172 W3)

10. Water Pollution Control Federation Journal. (TD511 S4)
Selected Reading Materials

1. Air Pollution Control and Industrial Energy Production. By Davis Noll.


4. Energy and Environment; Methods to Analyse the Long-Term Relationship. OECD. 1974. (HD9502 A2 E54)


G. Forestry

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1. Yearbook of Forest Products Statistics. FAO.

Selected List of Periodicals

1. American Forests. Monthly. (SD1 A5)
2. Forest Industries. Monthly. (SD1 F554)
3. Forest Product Journal. Monthly. (SD1 F565)
4. Journal of Forestry. Monthly. (SD1 J6)

Selected Reading Materials

5. U.S.D.A. Forest Service Environmental Statement. (Series) (TD194 .5 U56)


H. Gross National Product

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I. Home and Housing

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2. Building Services Engineer. (TH7201 I5)
3. Building Systems Design. (TH7201 H38)
4. Family Economics Review. (TX1 F3)
5. Heating/Piping/Air Conditioning. May 1929-. (TH7201 H4)
6. Journal of Home Economics. (TX1 J6)
7. ASHRAE Journal. 1959-. (TH7201 A63)
Selected Reading Materials


J. Policy and Politics

Abstracts and Indexes


2. Federal Register. Index. Contains All Presidential Proclamations and executive orders, rules and regulations of the various Bureaus and Departments of the U.S. Government, and decisions of Fact-Finding Bodies. (J1 A2 Index R)

3. New York Times Index. (AN U5 N72 R)


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1. American Academy of Political & Social Science. Annals. (H1 A5)

2. Congressional Quarterly Weekly Report. (JK1 C2 R)


8. New York Times. (AN U5 N7)


12. Vital Speeches. (PN6121 V5)

13. Weekly Compilation of Presidential Documents. (J80 A3 A4)

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K. Population

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L. Social Science

Abstracts and Indexes

1. Essay and General Literature Index. (AI3 E7 R)
2. Social Sciences Index. (H1 S69 R and R Sci. Tech.)
3. Sociological Abstracts. 5 issues/year. (HM1 S67 R)

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1. American Academy of Political and Social Science. Annals (H1 A5)
3. Futurist. (AP2 F8)
4. International Affairs. (JX1 I6)
6. World Today. (D410 W63)
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M. Technology

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1. ASCE (American Society of Civil Engineers) Combined Index. A Complete Index to All Its Journals, Proceedings and Transactions. (TA1 A498)

2. ASME (American Society of Mechanical Engineers) Transactions Index. A Complete Index to All ASME Journals, Papers and Publications. (TJ1 A52)


5. Electrical and Electronics Abstracts. (TK1 S3 R Sci.Tech.)


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2. American Society of Civil Engineers. Power Division. Journal. (TA1 A496 Sect. 10)
3. Chemical and Engineering News. (TP1 I44)
4. Energy Conversion. (QC621 A3)
5. Engineering News Record. (TA1 E56)
8. Journal of Engineering for Power. (TJ1 A52 Ser,a)
9. Power. (TJ1 P6)
10. Power Engineering. (TJ1 P65)
11. Power Engineering - USSR (TK4 P6)
12. Thermal Engineering. (TJ4 T4313)
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5. Energy Complexes. American Society of Civil Engineers.


N. Transportation

Abstracts and Indexes

   (ii) Abstracts of Transportation and Storage Literature and Patents. monthly.


3. HRIS (Highway Research Information Service) Abstracts.  
   (TE1 N1717 R Sci. Tech.)

4. Society of Automotive Engineers. Transactions Index. Annual. 1968-. Consists of an Index/Abstract to all SAE Publications. (TL1 S64 R Sci. Tech.)

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2. Current Literature in Traffic and Transportation. Transportation Center at Northwestern University. 1961-. (Z7164 T8 C8 R)


5. Sources of Information in Transportation. Ad Hoc Committee of Librarians. 1964. (Z7164 T8 A3)

6. Transportation: Information Sources; an Annotated Guide to Publications, Agencies, and Other Data Sources Concerning Air, Rail, Water, Road, and Pipeline Transportation. By Kenneth N. Metcalf. 1965. (Z7164 T8 M4 R)

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1. Automobile Gasoline Mileage Test Results. Annual. U.S. EPA.


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4. Transportation. Quarterly. 1972- . (HE1 T8)

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