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## Guide to the Stanford Energy Lectures

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Stanford, California

October 2010

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## Overview

**Call Number:** Sc0212

**Creator:** Stanford University. Institute for Energy Studies.

**Title:** Stanford energy lectures

**Dates:** 1974-1984

**Physical Description:** 30 Linear feet

**Summary:** Lectures, primarily by non-Stanford professors and energy professionals, on all aspects of energy studies, including fossil fuels, nuclear power, conservation, solar energy, energy industries, energy policy, and political considerations.

**Language(s):** The materials are in English.

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## Cite As

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## Biographical/Historical Sketch

The Institute for Energy Studies, organized in 1973, was designed to stimulate, facilitate, and promote the development of research and academic programs in energy within existing schools and departments.

The Stanford energy lectures, dating from 1974 to 1984, were primarily by non-Stanford professors and energy industry professionals, which include audience interaction, are in two formats: 1/2 inch EIAJ-format videotape and 3/4 inch video cassette.

In addition to the following item list, there is a card file index to these tapes.

## Description of the Collection

Lectures, primarily by non-Stanford professors and energy professionals, on all aspects of energy studies, including fossil fuels, nuclear power, conservation, solar energy, energy industries, energy policy, and political considerations. The tapes, which include audience interaction, are in two formats: 1/2 inch EIAJ-format videotape (indicated on the list by vr) and 3/4 inch videocassette (indicated by VC).

## Access Terms

Stanford University. Institute for Energy Studies.

Energy conservation.

Energy development.

Energy industries.

Energy policy.

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Fossil fuels.  
Nuclear energy.  
Power resources.  
Solar energy.  
Videorecordings.

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### Stanford Energy Lectures

**Keith Doig, Vice President, Shell Oil Company, THE U.S . OIL SUPPLY IN THE LIGHT OF THE INTERNATIONAL SITUATION 1974 Feb 11 1**

Physical Description: 1 videotape(s) (EIAJ-1)

**Milton F. Searl, Manager, Energy Supply Studies Program, Electric Power Research Institute, DOMESTIC ENERGY FUTURES --A DIFFERENT VIEW. 1974 Feb 22 4**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Chauncey Starr, President, EPRI, and Consulting Professor, Stanford University, GENERAL PHILOSOPHY OF RISK-BENEFIT ANALYSIS. 1974 Sep 30 5**

Physical Description: 1 videotape(s) (EIAJ-1)

**Lester Lave, Chairman, Department of Economics, Graduate School of Industrial Administration , Carnegie-Mellon University, HEALTH EFFECTS OF ELECTRICITY GENERATION FROM COAL, OIL AND NUCLEAR FUEL 1974 Oct 14 7**

Physical Description: 1 videotape(s) (EIAJ-1)

**Kenneth Arrow, Department of Economics, Harvard University, THE RATE OF DISCOUNT FOR LONG-TERM PUBLIC INVESTMENT 1974 Oct 28 9**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Wolf Hafele, International Institute for Applied Systems Analysis, Vienna, BENEFIT - RISK TRADEOFFS IN NUCLEAR POWER GENERATION. 1974 Nov 14 10**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr . E. J. Gornowski, Executive Vice President, Exxon Research and Engineering Company, OPTIONS FOR THE CONVERSION OF FOSSIL FUELS 1974 Nov 11 11**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Alan S. Manne, Professor of Political Economy, Kennedy School, Harvard University, U.S. STRATEGY FOR A TRANSITION FROM FOSSIL TO NUCLEAR FUELS. 1974 Nov 18 12**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Gerald J. Lieberman, Professor of Operations Research and Statistics, Stanford University, FAULT-TREE ANALYSIS AS AN EXAMPLE OF RISK METHODOLOGY. 1974 Nov 25 13**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Richard J . Gonzalez, Visiting Professor of Energy Economics, Stanford University, ENERGY AND HUMAN WELFARE. 1974 Nov 13 15**

Physical Description: 1 videotape(s) (EIAJ-1)

**M. King Hubbert, Research Geologist, U.S. Geological Survey, MAN'S CONQUEST OF ENERGY: ITS ECOLOGICAL AND HUMAN CONSEQUENCES. 1973 Oct 8 17**

Physical Description: 1 videotape(s) (EIAJ-1)

**Paul Swatek, Massachusetts Audubon Society, ENERGY CONSERVATION IN CONSUMER PRODUCTS. 1975 Feb 3 21**

Physical Description: 1 videotape(s) (EIAJ-1)

**John Sawhill, Ford Foundation, CONSERVATION AND NATIONAL POLICY 1975 Feb 24 22**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr . Chauncey Starr, President, EPRI, ENERGY AND SOCIETY. 1975 Jan 7 24**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Thomas Connolly, Associate Chairman , Dept. of Mechanical Engineering, Stanford University, CAN WE LIVE WITH PLUTONIUM? 1973 Apr 14 25**

Physical Description: 1 videotape(s) (EIAJ-1)

**Mr. Dwain Spencer, Program Manager, Solar and Geothermal Energy, EPRI, SOLAR ENERGY--MYTH OR REALITY? 1975 Apr 28 26**

Physical Description: 1 videotape(s) (EIAJ-1)

**THE PLUTONIUM CONNECTION. From "Nova," KQED broadcast. Not for rent. 1975 Mar 28 26A**

Physical Description: 1 videotape(s) (EIAJ-1)

**Hewlett-Packard, Automatic Measurement Division, AMD SOLAR ENERGY HEATING PROJECT, Palo Alto, 1975 1975 31A**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. George Lof, Vice President and Technical Director, Solaron Corporation, CAPTURING AND USING SOLAR RADIATION 1975 Oct 13 33**

Physical Description: 1 videotape(s) (EIAJ-1)

**Mr. Oystein Noreng, Planning Department, Royal Ministry of Finance, Norway, NORWEGIAN OIL INDUSTRY--A CHALLENGE TO PLANNING AND INTEGRATION. 1975 Oct 20 34**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dan Shoemaker, ABC Evening News, interviewing Professor Channing Robertson, Stanford University, on EUCALYPTUS TREES AS AN ENERGY SOURCE. 1975 Oct 25 34A**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. George Hill, Director, Fossil Fuel Department, EPRI, WORLD TECHNOLOGICAL DEVELOPMENTS IN FOSSIL FUELS. 1975 Oct 27 35**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Dixy Lee Ray, Former Chairman of Atomic Energy Commission, OVERVIEW OF THE U.S. POSITION IN WORLD ENERGY TECHNOLOGY AND TRADE. 1975 Nov 3 36**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Pierre Zaleski, Director, Technicatome, THE FRENCH BREEDER REACTOR PROGRAM--ITS OBJECTIVES AND ACCOMPLISHMENTS. 1975 Nov 17 38**

Physical Description: 1 videotape(s) (EIAJ-1)

**Professor Henry J. Ramey, Department of Petroleum Engineering, Stanford University, SECONDARY AND TERTIARY RECOVERY OF PETROLEUM. 1975 Nov 24 39**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Henry Linden, President, Institute of Gas Technology, TECHNICAL AND ECONOMIC ISSUES IN ENERGY POLICY. 1975 Dec 1 40**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Chauncey Starr, President, EPRI, A STRATEGY OF NATIONAL ENERGY PRODUCTION. 1976 Jan 19 43**

Physical Description: 1 videotape(s) (EIAJ-1)

**Professor Joseph E. Stiglitz, Department of Economics, Stanford University, SOME ASPECTS OF THE ECONOMICS OF NATURAL RESOURCE ALLOCATION. 1976 Jan 26 44**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Alan S. Marine, Professor of Political Economy, Kennedy School, Harvard University, INTERDEPENDENCE BETWEEN ENERGY SUPPLY AND ECONOMY-WIDE GROWTH. 1976 Mar 8 49**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Channing Robertson, Associate Professor, Chemical Engineering Department, Stanford University, BEYOND PETROLEUM: EDUCATIONAL CHALLENGE. 1976 May 5 50**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. John Holdren, Associate Professor of Energy and Resources, University of California, Berkeley, RUSSION POWER AND THE ENVIRONMENT --AS SAFE AS ADVERTISED? 1976 Apr 12 51**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Peter Auer, Professor of Aerospace Engineering, Cornell University, NATIONAL ENERGY STRATEGIES. 1976 Apr 19 52**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Richard Balzhiser, Director, Fossil Fuels and Advanced Systems Division, EPRI, ENERGY SUPPLY CHALLENGES 1976 Apr 26 53**

Physical Description: 1 videotape(s) (EIAJ-1)

**Mr. Richard Maullin, Chairman, California State Energy Resources Conservation and Development Commission, ENERGY ISSUES WITHIN CALIFORNIA. 1976 May 3 54**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Cyril Comar, Director, Environmental Assessment Department, Energy Systems, Environment and Conservation Division, EPRI, PUBLIC HEALTH ASPECTS OF ENERGY TECHNOLOGY. 1976 May 10 55**

Physical Description: 1 videotape(s) (EIAJ-1)

**Professor Laura Nader, Department of Anthropology, University of California, Berkeley, HUMAN FACTORS IN THE ENERGY QUESTION. 1976 Oct 25 60**

Physical Description: 1 videotape(s) (EIAJ-1)

**Mr. Leland Gardner, Manager, Rate Department, PG& E, UTILITY RATE REFORM-- THE LIFE-LINE CONCEPT. 1976 Nov 15 63**

Physical Description: 1 videotape(s) (EIAJ-1)

**Mr. Robert Uhler, Executive Director, Electric Rate Design Study, EPRI, UTILITY RATE REFORM. 1976 Nov 22 64**

Physical Description: 1 videotape(s) (EIAJ-1)

**Representative Mike McCormack, Sub-Committee on Energy Research, Development and Demonstration, Committee on Science and Technology, THE FUTURE OF U.S. ENERGY POLICY. 1976 Nov 29 65**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Alan Pasternak, Commissioner, California Energy Resources Conservation and Development Commission, GOALS FOR CALIFORNIA ENERGY POLICY. 1977 Jan 17 67**

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**Professor Henry Rowen, Stanford Graduate School of Business, NUCLEAR PROLIFERATION AND SPENT FUEL REPROCESSING. 1977 Feb 28 68**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Dorothy Nelkin, Associate Professor, Program on Science, Technology and Society, Department of City and Regional Planning, Cornell University, NUCLEAR POWER AND THE PUBLIC- - SOME EUROPEAN EXPERIMENTS IN PARTICIPATION . 1977 Apr 4 70**

Physical Description: 1 videotape(s) (EIAJ-1)

**Philip J. Farley, Visiting Scholar, Arms Control and Disarmament Program, Stanford University, NUCLEAR POWER ISSUES AND CHOICES. 1977 May 2 71**

Physical Description: 1 videotape(s) (EIAJ-1)

**Peter Gillingham and Patrick Long, Intermediate Technology of Menlo Park, A REPORT ON THE STATUS OF APPROPRIATE TECHNOLOGY AROUND THE UNITED STATES. 1977 May 9 72**

Physical Description: 1 videotape(s) (EIAJ-1)

**Professor David A. Pilati, Center for Advanced Computation, University of Illinois at Urbana, RESIDENTIAL/COMMERCIAL ENERGY USE THROUGH THE YEAR 2010. 1977 May 16 73**

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**Professor A. J. Lichtenberg, Department of Electrical Engineering, University of California, Berkeley, EFFICIENT ENERGY USE AND WELL-BEING--THE SWEDISH EXAMPLE. 1977 May 23 74**

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**Dr. Chauncey Starr, President, EPRI, PROSPECTS FOR ADVANCED ELECTRICITY SOURCES . 1977 Oct 10 76**

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**Dr. Paul F. Rappaport, Director, Solar Energy Research Institute, Golden, Colorado, SERI--ITS HOPES AND ASPIRATIONS. 1977 Oct 17 77**

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**Dr. Oystein Noreng, Professor, Oslo Institute of Business Administration, THE WORLD OIL MARKET UNTIL 1990--PRICE DEVELOPMENT AND THE INTERACTION BETWEEN OECD COUNTRIES AND OPEC COUNTRIES. 1977 Nov 7 78**

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**Mr. Ben C. Ball, Jr., Vice President, Gulf Oil Corporation, THE EFFECTIVENESS OF ENERGY POLICY AND PLANNING TOOLS IN THE PUBLIC AND PRIVATE SECTORS. 1977 Nov 21 79**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Robert C. Seamans, Jr., Henry Luce Professor, M. I.T. and former Administrator, ERDA, ENERGY DEVELOPMENT AND PUBLIC POLICY. 1977 Nov 28 80**

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**Professor Stanford S. Penner, Director, Energy Center, University of California, San Diego, THE ROLE OF SMALL-SCALE ENERGY TECHNOLOGIES IN THE NATIONAL ENERGY PLAN. 1978 Feb 6 82**

Physical Description: 1 videotape(s) (EIAJ-1)

**Professor George Pickering, Associate Professor of Social Ethics, University of Detroit, ISSUES OF CENTRALIZATION & DECENTRALIZATION IN ENERGY POLICY 1978 Mar 6 83**

Physical Description: 1 videotape(s) (EIAJ-1)

**Professor Denton E. Morrison, Professor of Sociology, Michigan State University, SOCIAL EQUITY PROBLEMS IN ENERGY POLICY 1978 Mar 13 84**

Physical Description: 1 videotape(s) (EIAJ-1)

**Amory B. Lovins, Friends of the Earth, Regents Lecturer, University of California, Berkeley, SOFT ENERGY PATHS. 1978 Apr 17 85**

Physical Description: 1 videotape(s) (EIAJ-1)

**Cyril L. Comar, Director, Environmental Assessment, EPRI, HEALTH RISKS FROM COAL AND NUCLEAR POWER: ESTIMATIONS, PERCEPTIONS AND ACCEPTANCE. 1978 May 1 86**

Physical Description: 1 videotape(s) (EIAJ-1)

**Joseph E. Coates, Assistant to the Director, Office of Technology Assessment, ENERGY DEMAND MANAGEMENT--THE REVOLUTIONARY ROLE FOR GOVERNMENT. 1978 May 8 87**

Physical Description: 1 videotape(s) (EIAJ-1)

**Edwin L. Zebroski, Director, Nuclear Systems and Materials, EPRI, WORLD ENERGY OPTIONS AND NUCLEAR PROLIFERATION. 1978 May 15 88**

Physical Description: 1 videotape(s) (EIAJ-1)

**"William M. Kays, Dean of School of Engineering; William C. Reynolds, Chairman, Department of Mechanical Engineering; and Stephen J. Kline, Professor of Mechanical Engineering; INTRODUCTION TO APPLIED THERMODYNAMICS AND HEAT TRANSFER- - A GLANCE FORWARD AND BACK. A PROGRAM IN HONOR OF PROFESSOR A. LOUIS LONDON. London Day" 1978 May 12 88a**

Physical Description: 1 videotape(s) (EIAJ-1)

**Welko E. Gasich, Group Executive, Aircraft Group, Northrop Corporation, INTEGRATION OF PROPULSION, PAYLOAD, AND VEHICLE-TRADE-OFFS ON SYSTEM INTEGRATION FOR MODERN AIRCRAFT . London Day 1978 May 12 88b**

Physical Description: 1 videotape(s) (EIAJ-1)

**John W. Mitchell, Professor of Mechanical Engineering, University of Wisconsin, DESIGN CONSIDERATIONS FOR RESIDENTIAL SOLAR-HEAT PUMP SYSTEMS. London Day 1978 May 12 88c**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Long Sun Tong, Assistant Director, Reactor Safety Research Division, Nuclear Regulatory Commission, HEAT TRANSFER AND WATER REACTOR SAFETY. London Day 1978 May 12 88d**

Physical Description: 1 videotape(s) (EIAJ-1)

**Robert F. Sawyer, Professor of Mechanical Engineering, University of- California, Berkeley, CALIFORNIA'S LEADERSHIP- ROLE IN AIR POLLUTION- CONTROL . London Day 1978 May 12 88e**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr John L. Mason, Vice President, Engineering, Garrett Corporation, VEHICULAR GAS TURBINES--PURE AND HYBRID. 1978 May 12 88f**

Physical Description: 1 videotape(s) (EIAJ-1)

**Rene Condoni, Project ZENCAP, Zurich, FUTURE ENERGY NEEDS AND CAPITAL CAPACITY IN GLOBAL PERSPECTIVE. 1978 Oct 26 90**

Physical Description: 1 videotape(s) (EIAJ-1)

**Bob Uhler, Director, Department of Energy Analysis, EPRI, ELECTRICITY PRICING ALTERNATIVES. 1978 Nov 2 91**

Physical Description: 1 videotape(s) (EIAJ-1)

**David Wood, Associate Director, MIT Energy Laboratory, MODEL ASSESSMENT IN THE POLICY RESEARCH PROCESS. 1978 Nov 9 92**

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**David Sternlight, Chief Economist, Atlantic Richfield Company, INFLUENCING ENERGY POLICY WITH ANALYSIS. 1978 Nov 16 93**

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**Tom Keelin, Decision Focus , Inc., ELECTRIC POWER SYSTEM PLANNING UNDER UNCERTAINTY: COSTS AND BENEFITS OF OVER/UNDER DECISIONS. 1978 Nov 30 94**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Alan Manne, Department of Operations Research, Stanford University, ENERGY TRANSITION: STRATEGIES FOR THE INDUSTRIALIZED NATIONS. 1978 Dec 7 95**

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**Dr. Jay Kopelman, Manager , Special Studies, EPRI, A GLOBAL ENERGY PERSPECTIVE. 1979 Feb 15 96**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Cal KilgQre, Chief, Division of International Energy Analysis, Energy Information Administration, Department of Energy, THE INTERNATIONAL FORECASTS IN THE EIA'S ANNUAL ADMINISTRATORS' REPORT. 1979 Feb 22 97**

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**Dr. C. Roger Glassey, Assistant Administrator for Planning and Analysis, Energy Information Administration, Department of Energy, SCENARIO DESIGN FOR THE 1978 ELA ADMINISTRATORS' ANNUAL REPORT. 1979 Feb 8 98**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Andrew Van Horn, Head, Engineering Systems Division, Teknekron, Inc., ANALYSIS SUPPORTING THE EPA'S INTERPRETATION OF AMENDMENTS TO THE CLEAN AIR ACT. 1979 Apr 5 99**

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**Dr. Dermot Gately, Department of Economics, New York University, MODELING OPEC BEHAVIOR. 1979 May 3 100**

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**Dr. Nathan Buras, Department of Operations Research, Stanford University, WATER CONSTRAINTS IN ENERGY MODELS. 1979 May 10 101**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Michael Kennedy, Rand Corporation, RAND RESEARCH ON THE WORLD OIL MARKET. 1979 May 31 102**

Physical Description: 1 videotape(s) (EIAJ-1)

**Dr. Leonard Hamilton, Head, Biomedical Division, Brookhaven National Laboratory, HEALTH EFFECTS OF FOSSIL FUEL COMBUSTION. 1979 Jul 26 103**

Physical Description: 1 videotape(s) (EIAJ-1)

**Richard Nehring, Pilind Corporation, WORLD OIL AND GAS RESOURCES. 1979 Nov 8 104**

Physical Description: 1 videotape(s) (U-matic)

**Thomas Connolly, Professor, Mechanical Engineering Department, Stanford University, THE NUCLEAR CONTROVERSY. Lecture given to ME180 class. 1979 Nov 28 104a**

Physical Description: 1 videotape(s) (U-matic)

**Dr. Mans Lonnroth, Senior Scientist, Institute for Future Studies, Beijr Institute, Stockholm, Sweden, LONG- TERM ENERGY FUTURES FOR SWEDEN: NUCLEAR COMMITMENTS AND SOLAR OPTIONS. 1980 Jan 10 105**

Physical Description: 1 videotape(s) (U-matic)

**Dr. John P. Weyent, Deputy Director, Energy Modeling Forum, DECREASING OUR DEPENDENCE ON PERSIAN GULF OIL: NEED AND OPPORTUNITIES. 1980 Jan 17 106**

Physical Description: 1 videotape(s) (U-matic)

**James L. Plummer, Director, Energy Analysis Department, EPRI, AN ECONOMIST'S PERSPECTIVE ON SYNTHETIC FUELS. 1980 Feb 4 107**

Physical Description: 1 videotape(s) (U-matic)

**Elmer L. Dougherty, Professor of Petroleum Engineering, USC, and Jeffery B. Nugent, Professor of Economics, USC, AN OVERVIEW OF THE OPEC WORLD ENERGY MODEL. 1980 Feb 7 108**

Physical Description: 1 videotape(s) (U-matic)

**Robert V. Steele, Senior Analyst, SRI International, ENVIRONMENTAL CONSIDERATIONS IN SYNTHETIC FUEL PLANT SITING. 1980 Feb 11 109**

Physical Description: 1 videotape(s) (U-matic)

**Lucian Pugliaresi, Director, Office of Oil Policy, U.S. Department of Energy, ANALYSIS OF ACQUISITION AND DRAW DOWN POLICIES FOR THE STRATEGIC PETROLEUM RESERVE (SPR) 1980 Feb 14 110**

Physical Description: 1 videotape(s) (U-matic)

**Chauncey Starr, Vice Chairman, EPRI, SURVEY OF ENERGY ALTERNATIVES FOR THE UNITED STATES. 1980 Feb 21 111**

Physical Description: 1 videotape(s) (U-matic)

**John Boatwright, Coordinator of Economics, Exxon USA, THE U.S. ENERGY OUTLOOK TO THE YEAR 2000. 1980 Feb 25 112**

Physical Description: 1 videotape(s) (U-matic)

**James L. Sweeney, Director, Energy Modeling Forum, U.S. OIL AND GAS SUPPLY. 1980 Feb 28 113**

Physical Description: 1 videotape(s) (U-matic)

**Mason Willrich, PG& E, CALIFORNIA'S COAL OPTION. 1980 Mar 6 114**

Physical Description: 1 videotape(s) (U-matic)

**Richard E. Balzhiser, Vice President, Research and Development, EPRI, SYNTHETIC FUELS--PUTTING OUR OPTIONS IN PERSPECTIVE. 1980 Apr 14 115**

Physical Description: 1 videotape(s) (U-matic)

**"Peter M. Schwolsky, Washington Representative/Legal Advisor, EPRI, SYNTHETIC FUELS--THE WASHINGTON SCENE . " 1980 Apr 21 116**

Physical Description: 1 videotape(s) (U-matic)

**Larry Jacobson, Federal Reserve Board, International Finance Division, THE CHANGING STRUCTURE OF THE WORLD OIL MARKET 1980 Apr 24 117**

Physical Description: 1 videotape(s) (U-matic)

**Carleton B. Scott, Director, Environmental Sciences Department, Union Oil of California, THE ENVIRONMENTAL PROBLEMS OF SITING A COMMERCIAL OIL SHALE PLANT 1980 Apr 28 118**

Physical Description: 1 videotape(s) (U-matic)

**Richard Pefley, Professor of Mechanical Engineering, University of Santa Clara, USE OF ALCOHOL AS ALTERNATIVE FUEL. 1980 May 12 119**

Physical Description: 1 videotape(s) (U-matic)

**"Lincoln E. Moses, Professor of Statistics, Stanford University, A STATISTICIAN'S ADVENTURES IN THE DEPARTMENT OF ENERGY" 1980 Oct 13 121**

Physical Description: 1 videotape(s) (U-matic)

**Theodore H. Moran, Professor and Director, Program in International Business Diplomacy, School of Foreign Service, Georgetown University. MODELING OPEC BEHAVIOR. 1980 Oct 20 122**

Physical Description: 1 videotape(s) (U-matic)

**Alan Manne, Professor of Operations Research, Stanford University. OIL STOCKPILE POLICIES TO REDUCE ECONOMIC VULNERABILITY. 1980 Oct 27 123**

Physical Description: 1 videotape(s) (U-matic)

**Dr. John McCarthy, Professor of Computer Science, Stanford University. EXTREME ENERGY CONSER VATION MEASURES IN AN OIL CUT-OFF EMERGENCY. 1980 Nov 3 124**

Physical Description: 1 videotape(s) (U-matic)

**Donald S. Duncan, Manager, Nuclear Fuel Cycle Safety, Bechtel National, Inc. STATUS OF THE U.S. PROGRAM ON HIGH-LEVEL NUCLEAR HASTE DISPOSAL. 1980 Nov 10 125**

Physical Description: 1 videotape(s) (U-matic)

**Charles K.Ebinger, Director of the Program on Energy & National Security Center for Strategic & International.Studies, Georgetown University.TREMORS IN WORLD OIL : THE CONSEQUENCES FOR U . S . DOMESTIC AND INTERNATIONAL ENERGY POLICY. 1980 Nov 17 126**

Physical Description: 1 videotape(s) (U-matic)

**J. Michael Gallagher, Technical Director, World Coal Study; Assistant to Manager, Research & Engineering, Bechtel National, Inc. COAL: STRATEGIC NECESSITY, ECONOMIC OPPORTUNITY. 1980 Nov 24 127**

Physical Description: 1 videotape(s) (U-matic)

**Gunnar T. Nilsson, Marketing Director, Swedyards International, Inc. BARGE-MOUNTED PETROCHEMICAL PLANTS FOR CONVERSION OF NATURAL GAS TOMETHANOL 1980 Dec 1 128**

Physical Description: 1 videotape(s) (U-matic)

**Thomas J. Connolly, Prof. Mechanical Engineering, Stanford University. WINDS OF CHANGE: ZEPHYRS OR TORNADOES? 1981 Jan 12 129**

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**Joseph R. Rensch, President, Pacific Lighting Corp. THE EMERGING ROLE OF GAS: OPPORTUNIES AND PROBLEMS. 1981 Jan 19 130**

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**John E. Bryson, President, California Public Utilities Commission. ENERGY UTILITIES: THE NEXT TEN YEARS. 1981 Jan 26 131**

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**H. Fred Christie, Executive Vice President, Chief Financial Officer, Southern California Edison Co. FINANCIAL PLANNING: SOME STRATEGIES FOR THE ELECTRIC UTILITIES IN THE 80's. 1981 Feb 2 132**

Physical Description: 1 videotape(s) (U-matic)

**Aviel Verbruggen, Antwerp University, Belgium. FEASIBILITY CRITERIA FOR DISTRICT HEATING. 1981 Feb 9 133**

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**Martin B. Zimmerman, National Fellow, Hoover Institution, Asst. Prof. of Management, MIT. WHATEVER HAPPENED TO NUCLEAR POWER? 1981 Feb 23 134**

Physical Description: 1 videotape(s) (U-matic)

**Mason Willrich, Vice President - Corporate Planning, Pacific Gas & Electric Company. FINANCING ENERGY SERVICES. 1981 Mar 2 135**

Physical Description: 1 videotape(s) (U-matic)

**Benjamin Schlesinger, Vice President, Policy Evaluation and Analysis, American Gas Association. U.S. NATURAL GAS ENERGY SUPPLY AND DEMAND OUTLOOK. 1981 Apr 13 137**

Physical Description: 1 videotape(s) (U-matic)

**Harry C. Kent, Director, Potential Gas Agency, Mineral Resources Institute, Colorado School of Mines. THE OUTLOOK FOR REMAINING U.S. CONVENTIONAL NATURAL GAS RESOURCES. 1981 Apr 20 138**

Physical Description: 1 videotape(s) (U-matic)

**John C. Sharer, Assistant Director, Unconventional Natural Gas Research Institute. U.S. SUPPLY POTENTIAL OF UNCONVENTIONAL NATURAL GAS. 1981 Apr 27 139**

Physical Description: 1 videotape(s) (U-matic)

**"Sherman H. Clark and Klaus P. Rose, Sherman H. Clark Associates. A COMPARISON OF U. S . NATURAL GAS PRODUCTION FORECASTS." 1981 May 4 140**

Physical Description: 1 videotape(s) (U-matic)

**Henry Rowen, Professor of Public Management, Graduate School of Business, Stanford University. MACROVIEW OF WORLD POTENTIAL FOR NATURAL GAS IN THE MEDIUM AND LONG TERM. 1981 May 11 141**

Physical Description: 1 videotape(s) (U-matic)

**James K. A. Harral, Manager Gas Resources, Pacific Gas and Electric Company. PG&E's ASSESSMENT OF FUTURE GAS REQUIREMENTS AND SUPPLY. 1981 May 18 142**

Physical Description: 1 videotape(s) (U-matic)

**Thomas Connolly, Professor of Mechanical Engineering, Stanford University. EIGHT YEARS OF ENERGY CRISIS. 1981 Oct 5 143**

Physical Description: 1 videotape(s) (U-matic)

**Walter Esselman, Director of Strategic Planning, Electric Power Research Institute. THE NEED FOR NEW BASE-LOAD ELECTRIC CAPACITY. 1981 Oct 12 144**

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