

September 2001

CHARLES J. CICHETTI**PROFESSIONAL EXPERIENCE**

1998-present Jeffrey J. Miller Professor in Government, Business, and the Economy, University of Southern California;

1996-present Co-Founder, Pacific Economics Group;

1990-1997 Adjunct Professor of Economics, University of Southern California;

1992-1996 Managing Director, Arthur Andersen Economic Consulting;

1991-1992 Co-Chairman, Putnam, Hayes & Bartlett, Inc.;

1988-1991 Managing Director, Putnam, Hayes & Bartlett, Inc.;

1987-1990 Deputy Director, Energy and Environmental Policy Center, John F. Kennedy School of Government, Harvard University;

1984-1987 Senior Vice President, National Economic Research Associates;

1980-1984 Co-Founder and Partner, Madison Consulting Group;

1979-1986 Professor of Economics and Environmental Studies, University of Wisconsin-Madison;

1977-1979 Chairman, Public Service Commission of Wisconsin, Appointed by Governor Patrick J. Lucey (member until 1980);

1975-1976 Director, Wisconsin Energy Office and Special Energy Counselor for Governor Patrick J. Lucey, State of Wisconsin;

1974-1979 Associate Professor, Economics and Environmental Studies, University of Wisconsin-Madison;

1972-1974 Visiting Associate Professor, Economics and Environmental Studies, University of Wisconsin-Madison;

1972 Associate Lecturer, School of Natural Resources of the University of Michigan;

1969-1972 Resources for the Future, Washington, D.C.;

1969 Ph.D., Economics, Rutgers University;

1968-1969 Instructor, Rutgers University;

1965 B.A., Economics, Colorado College;

1961-1964 Attended United States Air Force Academy.

EDITORIAL BOARDS

Journal of Environmental Economics and Management;

Energy Systems and Policy, Former Member;

Land Economics, Former Editor.

ADVISORY BOARDS

Alliance for Energy Security;
Association of Environmental and Resource Economics, Executive Committee,
Former Member;
Association of Environmental and Resource Economics, Contributing Members
Program Committee;
California ISO MAG, Appointed by Governor Gray Davis;
Center for Public Policy Advisory Committee, Former Member;
Department of Energy, Fuel Oil Marketing Advisory Committee, Former Member;
Graduate School of Public Policy at the University of California, Berkeley;
Institute for the Study of Regulation;
National Association of Regulatory Utility Commissioners, Executive Committee
and Chairman of the Ad Hoc Committee on the National Energy Act, Former
Member;
New Century Land Renewals;
Public Interest Economics Center, Board of Directors, Former Member;
Rutgers University, Energy Research Advisory Board;
U.S. Chamber of Commerce Energy and Natural Resources Committee.

PUBLICATIONS

Books and Monographs

Energy Deregulation: The Benefits of Competition Were Undermined by
Structural Flaws in the Market, Unsuccessful Oversight and Uncontrollable
Competitive Forces with Jeffrey A. Dubin, Jon Hockenyos, Colin M. Long and
J.A. Wright. California State Auditor, Bureau of State Audits, Sacramento,
California, March 2001.

Restructuring Electricity Markets: A World Perspective with Kristina M. Sepetys,
January 1996.

The Application of U.S. Regulatory Techniques to Spain's Electric Power
Industry, with Irwin M. Stelzer, prepared for Unidad Electrica, S.A.,
Cambridge: Energy and Environmental Policy Center, Harvard University,
March 1988.

The Economic Theory of Enhanced Natural Gas Service to the Industrial Sector:
An Applied Approach, Vol. II with L.D. Kirsch, for the Gas Research Institute,
Contract No. 5080-380-0349, February 1982.

The Economic Theory of Enhanced Natural Gas Service to the Industrial Sector:
An Applied Approach, Vol. I with L.D. Kirsch and R. Shaughnessy, for the
Gas Research Institute, Contract No. 5080-380-0349, May, 1981.

PUBLICATIONS (Cont.)

The Economic Effects of Deregulating Natural Gas, with R.H. Haveman, M. Lowry, M. Post and R. Schmidt, prepared for the Northeast Coalition for Energy Equity, Madison: MCG Monograph, 1981.

The Marginal Cost and Pricing of Electricity: An Applied Approach, with W. Gillen and P. Smolensky, Cambridge: Ballinger Publishing Company, 1977.

The Costs of Congestion: An Econometric Analysis of Wilderness Recreation, with V.K. Smith, Cambridge: Ballinger Publishing Company, 1976.

Energy System Forecasting, Planning and Pricing, ed. with W. Foell for the National Science Foundation, Madison: University of Wisconsin Monograph, 1975.

Studies in Electric Utility Regulation, ed. with J. Jurewitz for the Ford Foundation Energy Policy Project, Cambridge: Ballinger Publishing Company, 1975.

Perspective on Power: A Study of the Regulation and Pricing of Electric Power, with E. Berlin and W. Gillen for the Ford Foundation Energy Policy Project, Cambridge: Ballinger Publishing Company, 1974.

A Primer for Environmental Preservation: The Economics of Wild Rivers and Other Natural Wonders, New York: MSS Modular Publication, 1973.

Forecasting Recreation in the United States: An Economic Review of Methods and Applications to Plan for the Required Environmental Resources, Lexington: Lexington Books, June 1973.

Alaskan Oil: Alternative Routes and Markets, for Resources for the Future, Baltimore: Johns Hopkins University Press, December 1972.

The Demand and Supply of Outdoor Recreation: An Econometric Analysis, Ph.D. Thesis: Rutgers University, 1969. Also, with J.J. Seneca and P. Davidson, Washington, D.C.: U.S. Department of Interior, Bureau of Outdoor Recreation, Contract No. 7-14-07-4, 1969.

A Neo Keynesian Equilibrium Analysis For an Open Economy, A.B. Thesis, Colorado College, Colorado, Springs, Colorado, May, 1965.

September 2001

CHARLES J. CICHETTI

Journal Articles

"ISOs and Transcos: What's at Stake?" with Gary D. Bachman and Colin M. Long, The Electricity Journal, December 2000.

"Politics as Usual: A Roadmap to Backlash, Backtracking and Re-regulation," with Colin M. Long, Public Utilities Fortnightly, Vol. 138, No. 18. October 1, 2000.

"Transmission Products and Pricing: Hidden Agendas in the ISO/Transco Debate," with Colin M. Long, Public Utilities Fortnightly, Vol. 137, No. 12. June 15, 1999

"Mergers and the Convergence of the Electric and Natural Gas Industries," Natural Gas, March 1997.

"Been There, Done That: Sunk Costs, Access Charges and the Transmission Pricing Debate," Energy, Vol. XXI, No. 4. September, 1996.

"Regulating Competition: Transition or Travesty?" with Kristina M. Sepetys, The Electricity Journal, May 1996.

"California Model Sets the Standard for Other States," with Kristina M. Sepetys, World Power Yearbook 1996.

"Measuring the Effects of Natural Resource Damage and Environmental Stigma on Property Value," Environmental Law, September/October, 1995.

"The Route Not Taken: The Decision to Build the Trans-Alaska Pipeline and the Aftermath," The American Enterprise, Volume 4, Number 5, September/October 1993.

"A Micro-Econometric Analysis of Risk-Aversion and the Decision to Self-Insure," with Jeffrey Dubin, in Journal of Political Economy, Revised, July 1993. (Volume 102, No. 1, February 1994.)

"Energy Utilities, Conservation, Efficiency," with Vinayak Bhattacharjee and William Rankin, Contemporary Policy Issues, Volume XI, Number 1, January 1993.

"Uniqueness, Irreversibility, and the Theory of Nonuse Values," with Louis L. Wilde, American Agricultural Economics Association, December 1992.

- "Utility Energy Services," with Ellen K. Moran, Regulatory Incentives for Demand-Side Management, Chapter 9, American Council for an Energy-Efficient Economy, December 1992.
- "A Micro-Econometric Analysis of Risk Aversion and the Decision to Self-Insure," California Institute of Technology, with Jeffrey A. Dubin, January 1992.
- "The Use and Misuse of Surveys in Economic Analysis: Natural Resource Damage Assessment Under CERCLA," California Institute of Technology, with Jeffrey Dubin and Louis Wilde, July 1991.
- "The Federal Energy Regulatory Commission's Proposed Policy Statement on Gas Inventory Charges (PL-89-1-1000), Energy and Environmental Policy Center, Harvard University, Discussion Paper E-89-11, July 1989.
- "Incentive Regulation: Some Conceptual and Policy Thoughts," Energy and Environmental Policy Center, Harvard University, Discussion Paper E-89-09, June 1989.
- "Including Unbundled Demand-Side Options in Electricity Utility Bidding Programs," with William Hogan, Public Utilities Fortnightly, June 8, 1989. (Also a Discussion Paper E-88-07).
- "Assessing Natural Resource Damages Under Superfund: The Case Against the Use of Contingent Value Survey Methods," with Neil Peck, Natural Resources & Environment, Vol. 4, No. 1, Spring 1989.
- "Pareto Optimality Through Non-Collusive Bilateral Monopoly with Cost-of-Service Regulation (or: Economic Efficiency in Strange Places)," with Jeff D. Makhholm, Energy and Environmental Policy Center, Harvard University, Working Paper, 1988.
- "The FERC's Discounted Cash Flow: A Compromise in the Wrong Direction," with Jeff Makhholm, Public Utilities Fortnightly, July 9, 1987.
- "Conservation Subsidies: The Economist's Perspective," with Suellen Curkendall, Electric Potential, Vol. 2, No. 3, May/June 1986.
- "Our Nation's Gas and Electric Utilities: Time to Decide," with R. Shaughnessy, Public Utilities Fortnightly, December 3, 1981.
- "Is There a Free Lunch in the Northwest? (Utility-Sponsored Energy Conservation Programs)," with R. Shaughnessy, Public Utilities Fortnightly, December 18, 1980.

- "Opportunities for Canadian Energy Policy," with M. Reinbergs, Journal of Business Administration, Vol. 10, Fall 1978/Spring 1979.
- "Energy Regulation: When Federal and State Regulatory Commissions Meet," with J. Williams, American University Law Review, 1978.
- "The End-User Pricing of Natural Gas," with Don Wiener, Public Utilities Fortnightly, March 16, 1978.
- "An Econometric Evaluation of a Generalized Consumer Surplus Measure: The Mineral King Controversy," with V.K. Smith and A.C. Fisher, Econometrica, Vol. 44, No. 6, 1976.
- "Alternative Price Measures and the Residential Demand for Electricity: A Specification Analysis," with V.K. Smith, Regional Science and Urban Economics, 1975.
- "An Economic Analysis of Water Resource Investments and Regional Economic Growth," with V.K. Smith and J. Carston, Water Resources Research, Vol. 12, No. 1, 1975.
- "A Note on Fitting Log Linear Regressions with Some Zero Observations for the Regressand," with V.K. Smith, Metroeconomica, Vol. 26, 1975.
- "The Design of Electricity Tariffs," Public Utilities Fortnightly, August 28, 1975.
- "The Economics of Environmental Preservations: Further Discussion," with A.C. Fisher and J.V. Krutilla, American Economic Review, Vol. 64, No. 6, December 1974.
- "Electricity Price Regulation: Critical Crossroads or New Group Participation Sport," Public Utilities Fortnightly, August 29, 1974.
- "Interdependent Consumer Decisions: A Production Function Approach," with V.K. Smith, Australian Economic Papers, December 1973.
- "Economic Models and Planning Outdoor Recreation," with A.C. Fisher and V.K. Smith, Operations Research, Vol. 21, No. 5, September/October 1973.
- "Evaluating Federal Water Projects: A Critique of Proposed Standards," with R.K. Davis, S.H. Hanke and R.H. Haveman, Science, Vol. 181, August 1973.
- "The Mandatory Oil Import Quota Program: A Consideration of Economic Efficiency and Equity," with W. Gillen, Natural Resources Journal, Vol. 13, No. 3, July 1973.

- "Congestion, Quality Deterioration and Optimal Use: Wilderness Recreation in the Spanish Peaks Primitive Area," with V.K. Smith, Social Sciences Research, Vol. 2, 1, March 1973 (reprinted July 1973).
- "The Economics of Environmental Preservation: A Theoretical and Empirical Analysis," with A.C. Fisher and J.V. Krutilla, American Economic Review, Vol. 62, No. 4, September 1972.
- "Recreation Benefit Estimation and Forecasting: Implications of the Identification Problem," with V.K. Smith, J.L. Knetsch and R. Patton, Water Resources Research, Vol. 8, No. 4, August 1972.
- "Evaluating Benefits of Environmental Resources with Special Application to the Hells Canyon," with J.V. Krutilla, Natural Resources Journal, Vol. 12, No. 1, January 1972. (Also published in Benefit-Cost and Policy Analysis, 1972.)
- "On the Economics of Mass Demonstrations: A Case Study of the November 1969 March on Washington," with A.M. Freeman, R.H. Haveman and J.L. Knetsch, American Economic Review, Vol. 61, No. 4, September 1971.
- "Option Demand and Consumer Surplus: Further Comment," with A.M. Freeman III, Quarterly Journal of Economics, Vol. 85, August 1971.
- "Some Economic Issues Involved in Planning Urban Recreation Facilities," Land Economics, February 1971.
- "A Note on Jointly Supplied Mixed Goods," with V.K. Smith, Quarterly Review of Economics and Business, Vol. 10, No. 3, Autumn 1970.
- "A Gravity Model Analysis of the Demand for Public Communication," with J.J. Seneca, Journal of Regional Science, Vol. 9, No. 3, Winter 1969.

Articles Appearing in Other Volumes

- "Including Unbundled Demand-Side Options in Electric Utility Bidding Programs," in *Competition in Electricity: New Markets & New Structures*, with William Hogan and edited by James L. Plummer and Susan Troppmann, (Public Utilities Reports and QED Research Inc: Arlington, Virginia) March 1990.
- "Meeting the Nation's Future Electricity Needs: Cogeneration, Competition and Conservation," in 1989 Electricity Yearbook, New York: Executive Enterprises, 1989.
- "Environmental Litigation and Economic Efficiency: Two Case Studies," with R. Haveman in Environmental Resources and Applied Welfare Economics:

Essays in Honor of John F. Krutilla, V.K. Smith ed., Washington, DC: Resources for the Future, 1988.

"Electricity and Natural Gas Rate Issues," with M. Reinbergs, in The Annual Energy Review, Palo Alto: Annual Reviews Inc., Vol. 4, 1979.

"The Measurement of Individual Congestion Costs: An Econometric Application to Wilderness Recreation," with V.K. Smith, in Theory and Measurement of Economic Externalities, ed. S.A. Lin, New York: Academic Press, 1976.

"Implementing Diurnal Electricity Pricing in the U.S.: A Pragmatic Approach," in Energy System Forecasting, Planning and Pricing, ed. C.J. Cicchetti and W. Foell, Madison: University of Wisconsin Press, February 1975.

"Measuring the Price Elasticity of Demand for Electricity: The U.S. Experience," with V.K. Smith, in Energy System Forecasting, Planning and Pricing, ed. C.J. Cicchetti and W. Foell, Madison: University of Wisconsin Press, 1975.

"Public Utility Pricing: A Synthesis of Marginal Cost, Regulatory Constraints, Averch-Johnson Bias, Peak Load and Block Pricing," with J. Jurewitz, in Studies in Electric Utility Regulation, ed. C.J. Cicchetti and J. Jurewitz, Cambridge: Ballinger Publishing Company, 1975.

"Congestion, Optimal Use and Benefit Estimation: A Case Study of Wilderness Recreation," with V.K. Smith, in Social Experiments and Social Program Evaluation, ed. J.G. Albert and M. Kamrass, Cambridge: Ballinger Publishing Company, 1974.

"Electricity Growth: Economic Incentives and Environmental Quality," with W. Gillen, in Energy: Demand, Conservation and Institutional Problems, ed. M. Macrakis, Cambridge: MIT Press, 1974.

"Some Institutional and Conceptual Thoughts on the Measurement of Indirect and Intangible Benefits and Costs," with John Bishop, in Cost-Benefit Analysis and Water Pollution Policy, ed. H. Peskin and E. Seskin, Washington, D.C.: Urban Institute, 1974.

"The Trans-Alaska Pipeline: An Economic Analysis of Alternatives," with A.M. Freeman III, in Pollution, Resources and the Environment, ed. A.C. Enthoven and A.M. Freeman III, New York: W.W. Norton and Co., 1973.

"Alternative Uses of Natural Environments: The Economics of Environmental Modification," with A.C. Fisher and J.V. Krutilla, in Natural Environments: Studies in Theoretical and Applied Analysis, ed. J.V. Krutilla, Baltimore: Johns Hopkins University Press, 1972.

"A Multivariate Statistical Analysis of Wilderness Users in the United States," in Natural Environments: Studies in Theoretical and Applied Analysis, ed. J.V. Krutilla, Baltimore: Johns Hopkins University press, 1972.

"Benefits or Costs? An Assessment of the Water Resources Council's Proposed Principles in Standards," with R.K. Davis, S.H. Hanke, R.H. Haveman and L. Knetsch, in Benefit-Cost and Policy Analysis, ed. W. Nishkanen, *et al*, Chicago: Aldine Publishing Company, 1972.

"Observations on the Economics of Irreplaceable Assets: Theory and Method in the Social Sciences," with J.V. Krutilla, A.M. Freeman III and C. Russell, in Environmental Quality Analysis, ed. A. Kneese and B.T. Bower, Baltimore: Johns Hopkins University Press, 1972.

"Outdoor Recreation and Congestion in the United States," in Population, Resources and the Environment, ed. R. Ridker, Washington, D.C.: U.S. Government Printing Office, 1972.

Less Technical Articles

"Still the Wrong Route," Environment, Vol. 19, No. 1, January/February, 1977.

"National Energy Policy Plans: A Critique," Transportation Journal, Winter 1976.

"The Mandatory Oil Import Program: A Consideration of Economic Efficiency and Equity," with W. Gillen, Joint Economic Committee of the U.S. Congress, 1974.

"The Political Economy of the Energy Crisis," with R. Haveman in Carroll Business Review, Winter 1974.

"The Wrong Route," Environment, Volume 15, No. 5, June 1973.

"Benefit-Cost Analysis and Technologically Induced Relative Price Changes: The Case of Environmental Irreversibilities," with J.V. Krutilla, Natural Resources Journal, 1972.

"A Review of the Empirical Analyses that Have Been Based Upon the National Recreation Surveys," Journal of Leisure Research, Vol. 4, Spring 1972.

"How the War in Indochina is Being Paid for by the American Public: An Economic Comparison of the Periods Before and After Escalation," Public Forum, July 1970, (reprinted in the Congressional Record, August 13, 1970).

"User Response in Outdoor Recreation: A Reply," with J.J. Seneca, Journal of Leisure Research, Vol. 2, No. 2, Spring 1970.

"User Response in Outdoor Recreation: A Production Analysis," with J.J. Seneca, Journal of Leisure Research, Vol. 1, No. 3, Summer 1969.

Miscellaneous Articles

"Competitive Battlefield: A View from the Trenches," Northeast Utilities 1987 Annual Report, Competition: A Matter of Choices, 1987.

September 2001

CHARLES J. CICHETTI

SELECTED ADMINISTRATIVE AND CIVIL LITIGATION TESTIMONY SINCE 1980

Before the State Corporation Commission of the State of Kansas, Rebuttal Testimony on behalf of Western Resources, Inc., Docket No. 01-WRSE-949-GIE, June 2001.

Before the State Corporation Commission of the State of Kansas, Direct Testimony on behalf of Western Resources, Inc., Docket No. 01-WRSE-949-GIE, June 2001.

Before the State Corporation Commission of the State of Kansas, Surrebuttal Testimony on behalf of Western Resources, Inc., Docket No. 01-WRSE-436-RTS, May 2001.

Before the State Corporation Commission of the State of Kansas, Rebuttal Testimony on behalf of Western Resources, Inc., Docket No. 01-WRSE-436-RTS, April 2001.

Before the United States District Court for the Western District of Wisconsin, Expert Affidavit on behalf of Alliant Energy Corporation and Wisconsin Power and Light Corporation, No. 00-C-0611-S, February 1, 2001.

*Trial testimony on behalf of KN Energy of KN Energy vs. Cities of Alliance, District Court of Lancaster County, Nebraska, Case Nos. CI 00:1309, CI 00:1310, CI 00:1311, CI 00:1312 (Consolidated), January 22, 2001.

Before the State Corporation Commission of the State of Kansas, Direct Testimony on behalf of Western Resources, Inc., Docket No. 01-WRSE-436-RTS, January 2001.

*Deposition testimony on behalf of Tosco Corporation of Tosco Corporation vs. The Los Angeles Water and Power, County of Los Angeles Superior Court Case No. BC 215396, January 17, 2001.

*Deposition testimony on behalf of KN Energy of KN Energy vs. Cities of Alliance, District Court of Lancaster County, Nebraska, Case Nos. CI 00:1309, CI 00:1310, CI 00:1311, CI 00:1312 (Consolidated), November 1, 2000.

*Before the United States District Court for the Central District of California, Affidavit in the Matter of United States of America v. Montrose Chemical Corporation of California, *et.al.*, Civil Action No. CV 90 3122-R, 21 August 2000.

Before the Federal Energy Regulatory Commission, Affidavit on behalf of Entergy Power Marketing Corp. and Koch Energy Trading, Inc., Docket No. EC00-_____, 20 June 2000.

Before the Federal Energy Regulatory Commission, Affidavit on behalf of Western Resources, Inc., Docket No. ER00-___000, 28 April 2000.

*Before the United States District Court for the Central District of California, Expert Report in the Matter of United States of America v. Montrose Chemical Corporation of California, *et.al.*, Civil Action No. CV 90 3122-AAH (JRx), 15 April 2000.

Before the Public Service Commission of Florida, Intervenor Testimony on behalf of Florida Power Corporation, Docket No. 991462, 7 March 2000.

Before the Public Service Commission of Wisconsin, Direct Testimony on behalf of ANR Pipeline Company, Docket No. 6650-CG-194, 6 March 2000.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Duke Energy South Bay, LLC, Docket Nos. ER98-496-000 and ER98-2160-000, 1 March 2000.

Before the Federal Energy Regulatory Commission, Affidavit on behalf of ANR Pipeline Company, Docket Nos. CP00-36-000, CP00-37-000, and CP00-38-000, 28 December 1999.

Before the Federal Energy Regulatory Commission, Direct Testimony on behalf of Duke Energy South Bay, LLC, Docket Nos. ER98-496-000 and ER98-2160-000, 22 December 1999.

*Deposition testimony on behalf of Raybestos-Manhattan of Whiteley vs. Raybestos-Manhattan, County of San Francisco Superior Court Case No. 303184, November 30, 1999.

Before the Public Service Commission of Wisconsin, Rebuttal Testimony on behalf of Alliant Energy Corporation, Docket Nos. 9403-YI-100 and 6680-UM-100, 23 September 1999.

* Civil litigation testimony.

*Deposition testimony on behalf of F&M Trust of In Re: The Conservatorship of Leroy and Estelle Strader, Los Angeles County Superior Court. September 8 and 9, 1999.

Before the Public Service Commission of Wisconsin, Direct Testimony on behalf of Alliant Energy Corporation, Docket Nos. 9403-YI-100 and 6680-UM-100, 1 July 1999.

Before the Public Service Commission of the State of Missouri, Surrebuttal Testimony on behalf of Western Resources, Inc. and Kansas City Power & Light, Case No. EM-97-515, 10 June 1999.

Before the State Corporation Commission of the State of Kansas, Rebuttal Testimony on behalf of Western Resources, Inc., Docket No. 97-WSRE-676-MER, 18 March 1999.

Before the Federal Energy Regulatory Commission, Affidavit on behalf of Duke Energy South Bay LLC, Docket No. ER99-____-000, February 1999.

Before the Georgia Public Service Commission, Rebuttal Testimony on behalf of Georgia Power Company, GPSC Docket No. 9355-U, 27 October 1998.

Before the Public Service Commission of the State of Missouri, Direct Testimony on behalf of Western Resources, Inc. and Kansas City Power & Light Company, Case No. EM-97-515, Volume III, June 1998.

Before the State Corporation Commission of the State of Kansas, Direct Testimony on behalf of Western Resources, Inc., Docket No. 97-WSRE-676-MER, 17 June 1998.

Before the Georgia Public Service Commission, Direct Testimony on behalf of Georgia Power Company, GPSC Docket No. 9355-U, 3 June 1998.

Before the Federal Energy Regulatory Commission, Direct Testimony on behalf of Duke Energy, Docket No. ER98-____-000, 24 April 1998.

Before the Public Service Commission of Wisconsin, Surrebuttal Testimony on behalf of Wisconsin Electric Power Company, Docket No. 05-BE-100, ____ March 1998.

Before the Public Service Commission of Wisconsin, Rebuttal Testimony on behalf of Wisconsin Electric Power Company, Docket No. 05-BE-100, 23 March 1998.

Before the Public Service Commission of Wisconsin, Testimony on behalf of Wisconsin Electric Power Company, Docket No. 05-BE-100, 9 March 1998.

Before the Pennsylvania Public Utilities Commission, Rebuttal Testimony on behalf of Pennsylvania Power Company, Docket No. R-00974149, 19 February 1998.

Before the State Corporation Commission of Kansas, Prepared Statement on behalf of Western Resources, Inc., 28 October 1997

Before the Federal Energy Regulatory Commission, Testimony on behalf of Wisconsin Energy Corporation and ESELCO, Inc., Docket No. EC98-____-000, 22 October 1997.

Before the Pennsylvania Public Utilities Commission, Direct Testimony on behalf of Pennsylvania Power Company, Docket No. R-00974149, 26 September 1997.

Before the Public Utilities Commission of the State of California, Testimony on behalf of Southern California Edison Company, Docket No. U-338-E, September 15, 1997.

*Expert Report in the Matter of Atlantic Richfield Company v. Darwin Smallwood, *et.al.*, Civil Action No. 95-Z-1767, June 16, 1997.

Before the Federal Energy Regulatory Commission, Affidavit on behalf of The Power Company of America, L.P., Docket No. ER95-111-000, November 1, 1996.

Before the Public Service Commission of Wisconsin, Rebuttal Testimony on behalf of Wisconsin Energy Corporation, Wisconsin Electric Power Company, *et.al.* (Applicants), Docket Nos. 6630-UM-100, 4220-UM-101, October 23, 1996.

Before the Public Utilities Commission of the State of California, Rebuttal Testimony on behalf of Pacific Telesis Group, No. 96-04-038, October 15, 1996.

Before the Commonwealth of Massachusetts Department of Public Utilities, Rebuttal Testimony on behalf of Boston Gas Company, Docket No. D.P.U. 96-50, Exhibit BGC-117, August 16, 1996.

Before the State Corporation Commission of the State of Kansas, Supplemental Direct Testimony on behalf of Western Resources, Inc. and Kansas Gas and Electric, Docket Nos. 193,306-U and 193,307-U, July 11, 1996.

Before the Federal Energy Regulatory Commission, Prepared Rebuttal Testimony on behalf of Koch Gateway, Docket No. RP95-362-000, June 18, 1996.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Wisconsin Electric Power Company, Northern States Power Company (Minnesota and Wisconsin), and Cenerprise, Docket Nos. EC95-16-000, ER95-1357-000, and ER95-1358-000, May 28, 1996.

*Before the United States District Court for the Western District of Missouri, Western Division, Expert Rebuttal Affidavit on behalf of Western Resources, Inc., No. 94-0509-CV-W-1, March 8, 1996.

Before the New Mexico Public Utility Commission, Direct Testimony on behalf of Southwestern Public Service Company, Case No. _____, November 1995.

Before the State Corporation Commission of the State of Kansas, Direct Testimony on behalf of Kansas Gas and Electric Company, August 11, 1995.

Before the Federal Energy Regulatory Commission, Direct Testimony on behalf of Koch Gateway Pipeline Company, Docket No. RP-95- -000, June 28, 1995.

*Before the United States District Court for the Western District of Missouri, Western Division, Expert Affidavit on behalf of Western Resources, Inc., No. 94-0509-CV-W-1, June 15, 1995.

*Before the United States District Court for the Central District of California, Affidavit on behalf of Montrose Chemical Corporation of California, *et.al.*, No. CV90-3122-AAH (JRx), March 1, 1995.

Before the National Energy Board of Canada, Evidence in the Matter of Fort St. John and Grizzly Valley Expansion Projects, British Columbia Gas, January 1995.

Before the Federal Energy Regulatory Commission, Rebuttal Comments in the Matter of Pricing Policy for New and Existing Facilities Constructed by Interstate Natural Gas Pipelines on behalf of Cascade Natural Gas Corporation, *et.al.*, Docket No. PL94-4-000, December 5, 1994.

Before the Federal Energy Regulatory Commission, Comments Related to Pricing Policy for New and Existing Facilities Constructed by Interstate Natural Gas Pipelines on behalf of Cascade Natural Gas Corporation, LFC Gas Company, Northwest Natural Gas Company, and Washington Natural Gas Company, Docket No. PL94-4-000, November 4, 1994.

Affidavit on behalf of Barr Devlin, October 1994.

Before the Federal Energy Regulatory Commission, Comments and Responses Related to Pricing Policy for New and Existing Facilities Constructed by Interstate Natural Gas Pipelines on behalf of Cascade Natural Gas Corporation, LFC Gas Company, Northwest Natural Gas Company, and Washington Natural Gas Company, Docket No. PL94-4-000, September 26, 1994

Before the Federal Energy Regulatory Commission, Statement on behalf of Buckeye Pipe Line Company, L.P., Docket Nos. OR94-6-000 and IS87-14-000, February 22, 1994.

Before the Federal Energy Regulatory Commission, Surrebuttal Testimony on behalf of Koch Gateway Pipeline Company, Docket No. RP93-205-000, November 29, 1993

Before the Federal Energy Regulatory Commission, Direct Testimony on behalf of Koch Gateway Pipeline Company, Docket No. RP93-____-000, September 30, 1993.

Before the Indiana Utility Regulatory Commission, Direct Testimony on behalf of PSI Energy, Inc., Cause Nos. 39646, 39584-S1, June 23, 1993.

Before the Minnesota Public Utilities Commission, Rebuttal Testimony on behalf of Northern States Power Company, Docket Nos. E002/GR-92-1185, G002/GR-92-1186, March 23, 1993.

Before the State of Maine Public Utilities Commission, Direct Testimony on behalf of Central Maine Power, Docket No. 90-085-A, January 7, 1993.

Before the Pennsylvania Public Utility Commission, Rebuttal Testimony on behalf of Pennsylvania Gas and Water Company, Docket No. R-22482, March 9, 1993.

Before the Federal Energy Regulatory Commission, Affidavit regarding Order 636-A Compliance Filing Proposed Restructuring on behalf of United Gas Pipe Line Company, Docket No. RS92-26-000, October 29, 1992.

Before the National Oceanic and Atmospheric Administration, Comments on the Advance Notice of Proposed Rulemaking (57 Federal Register 8964) of Natural Resource Damage Assessment Regulations (Oil Pollution Act, Section 1006), October 1, 1992.

Before the Federal Energy Regulatory Commission, Rebuttal and Cross Answering Testimony on behalf of Exxon Pipeline Company, Docket Nos. IS92-3-000, *et.al.*, August 10, 1992.

*Before The United States District Court for the District of Utah. Testimony on behalf of Kennecott Corporation, Docket No. 86-C-902C, March 26, 1992.

Before the Arizona Corporation Commission Task Force on Externalities, Comments in Response to Shortcomings and Pitfalls in Attempts to Incorporate Environmental Externalities into Electric Utility Least-cost Planning, Docket No. U-000-92-035, March 20, 1992.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Texas Eastern Transmission Corporation, Docket Nos. CP90-2154-000, RP85-177-008, RP88-67-039, *et.al.*, RP90--119-001, *et.al.*, RP91-4-000, RP91-119, and RP90-15-000, January 30, 1992.

*Before the American Arbitration Association, Testimony on behalf of Hard Rock Cafe International, January 22, 1992.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Washington Gas Light Company, Docket Nos. RP90-108-000, *et.al.*, RP90-107-000, January 17, 1992.

Before the Federal Energy Regulatory Commission, Comments in Response to Notice of Proposed Rulemaking on behalf of United Gas Pipe Line Company, Docket No. RM92-11-000, October 15, 1991.

Before the Federal Energy Regulatory Commission, Direct Testimony on behalf of Washington Gas Light Company, Docket Nos. RP91-82-000, *et.al.*, August 27, 1991.

*Before the Department of Interior, Comments on Notice of Proposed Rulemaking for Natural Resource Damage Assessment Regulations, Type B Rule (43 CFR Part 11), July 12, 1991.

Before the Arizona Corporation Commission, Rejoinder Testimony on behalf of Arizona Public Service Company, Docket Nos. U-1345-90-007 and U-1345-89-162, June 18, 1991.

Before the Federal Energy Regulatory Commission, Comments submitted in Response to Notice of Public Conference and Request for Comments on Electricity Issues, Docket No. PL91-1-000, June 10, 1991.

Before the Arizona Corporation Commission, Rebuttal Testimony on behalf of Arizona Public Service Company, Phase II, Docket Nos. U-1345-90-007 and U-1345-89-162, May 3, 1991.

Before the Federal Energy Regulatory Commission, Direct Testimony on behalf of United Gas Pipe Line Company, Docket Nos. RP91-126-000, CP91-1669-000, CP91-1670-000, CP91-1671-000, CP91-1672-000, and CP91-1673-000, April 15, 1991.

*Before the Massachusetts Appellate Tax Board, Analysis of the Fair Market Value of Boston Edison's Mystic Generating Station, Prepared for Boston Edison Company, December 10, 1990.

Before the Arizona Corporation Commission, Rebuttal Testimony on behalf of Arizona Public Service Company, Docket No. U-0000-90-088, November 26, 1990.

Before the State of Maine Public Utilities Commission, Rebuttal Testimony and Exhibits on behalf of Central Maine Power, Docket No. 90-076, November 16, 1990.

Before the State Corporation Commission of Virginia, Direct Testimony on behalf of Historic Manassas, Inc., SCC Case No. PUE 890057, VEPCO Application 154, November 2, 1990.

Before the Iowa Utilities Board, Comments Prepared at the Request of Iowa Electric Light and Power Company on Iowa's Proposed Rulemaking Related to Utility Energy Efficiency Programs, Docket No. RMU90-27, October 15, 1990.

Before the Arkansas Public Service Commission, Testimony on behalf of Arkla, Inc., Docket no. 90-036-U, August 31, 1990.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Northeast Utilities Service Company, Docket Nos. EC90-10-000, ER90-143-000, ER90-144-000, ER90-145-000 and EL90-9-000, July 20, 1990.

Before the Illinois Commerce Commission, Testimony on behalf of Commonwealth Edison, Docket No. 90-0169, July 17, 1990.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of New York State Customer Group (Niagara Mohawk Power Corporation; Rochester Gas & Electric Corporation; New York State Electric & Gas Corporation), Docket Nos. RP88-211-000, RP88-10-000, RP90-27-000, June 1, 1990.

Before the Federal Energy Regulatory Commission, Statement on behalf of Public Service Company of Indiana, Docket Nos. ER89-672-000, February 15, 1990.

Before the Federal Energy Regulatory Commission, Prepared Direct Testimony submitted on behalf of The New York State Customer Group, which includes Niagara Mohawk Power Corporation, Rochester Gas and Electric Corporation and New York State Electric & Gas Corporation, Docket Nos. RP88-211-000, RP88-10-000, RP88-215-000 and RP90-27-000, January 23, 1990.

Before the Arkansas Public Service Commission, Rebuttal Testimony on behalf of Arkansas Power & Light Company, Docket No. 89-128-U, January 12, 1990.

Before the Federal Energy Regulatory Commission, Prepared Answering Testimony Sponsored by Texas Eastern Transmission Corporation, Docket Nos. RP88-67-000 and RP88-81-000, January 10, 1990.

*Before the U.S. Department of Interior, Comments on the U.S. Department of Interior's Advanced Notice of Proposed Rulemaking re: Natural Resource Damage Assessments (43 CFR Part 11), November 13, 1989.

Before the Senate Committee on Energy and Natural Resources, Prepared Statement related to the Demand-Side Provisions of the Public Utility Regulatory Policies Act of 1978 (PURPA) Contained in Subtitle B of Title III of S-324, The National Energy Policy Act of 1989, November 7, 1989.

Before the Federal Energy Regulatory Commission, Comments on the Federal Energy Regulatory Commission's Proposed Policy Statement on Gas Inventory Charges, Docket No. PL89-10999, July 1989.

Before the Public Utilities Commission of Texas, Direct Testimony on behalf of Enron-Dominion Cogen Corporation, Docket No. 8636, June 12, 1989.

Before the Maine Public Utilities Commission, Direct Testimony on behalf of Central Maine Power Company, Docket No. 88-310, March 1, 1989.

Before the Public Utilities Commission of Ohio, Comments Submitted on behalf of Dayton Power and Light Company, In the Matter of the Revision and Promulgation of Rules for Long Term Forecast reports and Integrated Resource Plans of Electric Light Companies, Case no. 88-816-EL-OR, November 21, 1988.

Before the Federal Energy Regulatory Commission, Comments of the Energy and Environmental Policy Center, RE: Regulations Governing Independent Power Producers, Docket No. RM88-4-000, July 18, 1988.

Before the Federal Energy Regulatory Commission, Comments of the Energy and Environmental Policy Center, RE: Regulations Governing Bidding Programs, Docket No. RM88-5-000, July 18, 1988.

Before the Federal Energy Regulatory Commission, Comments of the Energy and Environmental Policy Center, Re: Administrative Determination of Full Avoided Costs, Sales of Power to Qualifying Facilities, and Interconnection Facilities, Docket No. RM88-66-000, July 18, 1988.

Before the Maine Public Utilities Commission, Testimony on behalf of Central Maine Power Company, Docket No. 88-111, June 22, 1988.

Before the Federal Energy Regulatory Commission, Comments of the Energy and Environmental Policy Center, Re: Brokering of Interstate Natural Gas Pipeline Capacity, Docket No. RM88-13-000, June 17, 1988.

Before the Federal Energy Regulatory Commission, Comments of the Energy and Environmental Policy Center, Re: Administrative Determination of Full Avoided Costs, Sales of Power to Qualifying Facilities, and Interconnection Facilities, Docket No. RM88-6-000, June 16, 1988.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Public Service Company of New Mexico, April 12, 1988.

Before the Federal Energy Regulatory Commission, Oral Comments, Re: Order No. 500, Docket No. RM87-34-000 *et.al.*, March, 1988.

Before the Federal Energy Regulatory Commission, Statement on behalf of Transwestern Pipeline Company, Docket No. CP88-143-000, March, 1988.

Before the Ontario Energy Board, Testimony on behalf of ICG Utilities (Ontario) LTD, The 1987 Amended Gas Pricing Agreement, E.B.R.O. 411-III *et.al.*, November, 1987.

Before the New Hampshire Public Utility Commission, Technical Statement on behalf of Public Service Company of New Hampshire, Filing of special Contract No. NHPUC-54 Between Nashua Corporation and Public Service Company of New Hampshire, October 30, 1987.

Before the Federal Energy Regulatory Commission, Statement on behalf of Arkla, Inc., included as an exhibit in Arkla, Inc.'s Comments on Notice of Proposed Rulemaking, Docket No. RM87-34-000, October 13, 1987.

Before the Pennsylvania Public Utility Commission, Rebuttal Testimony on behalf of West Penn Power Company, Docket No. R-850220, September 28, 1987.

Before the Public Service Commission of New York, Prepared Rebuttal Testimony on behalf of National Fuel Gas Distribution Company, September 14, 1987.

Before the New Hampshire Public Utilities Commission, Prefiled Direct Testimony on behalf of Public Service Company of New Hampshire, Docket No. DR87-151, August 28, 1987.

Before the Pennsylvania Public Utility Commission, Direct Testimony on behalf of West Penn Power Company, Docket No. R-850220, Reconsideration, July 27, 1987.

Before the Commonwealth of Massachusetts Department of Public Utilities, Statement on behalf of Boston Edison Company, Docket Nos. 86-36, June 12, 1987.

Before the State of Illinois Commerce Commission, Rebuttal Testimony on behalf of Commonwealth Edison Company, Docket Nos. 87-0043, 87-0044, 8700096, May 4, 1987.

Before the Federal Energy Regulatory Commission, Comments on behalf of Tennessee Gas Pipeline Company, In the Matter of Iroquois Gas Transmission System, Docket No. CP86-523-001, March 9, 1987.

Before the New Hampshire Public Utility Commission, Direct Testimony on behalf of Public Service Company of New Hampshire, NHPUC Docket No. DR86-122, March 3, 1987.

Before the Federal Energy Regulatory Commission, Comments on behalf of Transwestern Pipeline Company, In the Matter of Notice of Inquiry into alleged anticompetitive Practices Related to Marketing Affiliates of Interstate Pipelines, Docket No. RM87-5-000, December 29, 1986.

Before the Maine Public Utilities Commission, Testimony on behalf of Central Maine Power Company, Docket No. 86-215, Re: Proposed Amendments to Chapter 36, December 18, 1986.

Before the Utah Public Service Commission, Surrebuttal Testimony on behalf of NUCOR Steel Corporation, In the Matter of the Investigation of Cost of Service Issues for Utah Power & Light Company, Case No. 85-035-06, December 5, 1986.

Before the Public Service Commission of New York, Prepared Direct Testimony on behalf of National Fuel Gas Distribution Corporation, Case Nos. 38947 and 28954, November 21, 1986.

Before the Federal Energy Regulatory Commission, Prepared Rebuttal Testimony on behalf of Transwestern Pipeline Company, Docket No. RP86-126, November 13, 1986.

Before the Federal Energy Regulatory Commission, Prepared Cross-Answering Testimony on behalf of Members of the New England Customer Group, Docket No. RP86-119, October 28, 1986.

Before the Federal Energy Regulatory Commission, Prepared Testimony on behalf of Members of the New England Customer Group, Docket No. RP86-119, October 14, 1986.

Before the Utah Public Service Commission, Rebuttal Testimony on behalf of NUCOR Steel Corporation, Docket No. 85-035-04, September 30, 1986.

Before the State of New Jersey Department of Energy, Board of Public Utilities, Rebuttal Testimony on behalf of Elizabethtown Gas Company, September, 1986.

Before the State of Illinois Commerce Commission, Testimony on behalf of Commonwealth Edison Company, Docket No. 86-0249, August 25, 1986.

Before the Public Utilities Commission of Ohio, Rebuttal Testimony on behalf of Ohio Power Company, Case No. 85-726-EL-AIR, April, 1986.

Before the State of New Jersey Department on Energy, Board of Public Utilities, Testimony on behalf of Elizabethtown Gas Company, Docket No. 8112-1039, March, 1986.

Before the Maine Public Utilities Commission, Rebuttal Testimony on behalf of Central Maine Power Company, Docket No. 85-132, March, 1986.

Before the Federal Energy Regulatory Commission, Comments on behalf of National Economic Research Associates, Inc., Notice of Inquiry Re: Regulation of Electricity Sales-for-Resale and Transmission Service, 18 C.F.R. Parts 35 and 290, Issued June 28, 1985, Docket No. RM85-17-000 (Phase II), January 23, 1986.

Before the Alaska Public Utilities Commission, Rebuttal Testimony on behalf of Seagull, Enstar Corporation, and Enstar Natural Gas Company, U-84-67, December, 1985.

Before the Virginia State Corporation Commission, Rebuttal Testimony on behalf of Dominion Resources, Inc. and Virginia Electric and Power Company, Case No. PUE 830060, November 26, 1985.

Before the Federal Energy Regulatory Commission, Comments on behalf of National Economic Research Associates, Inc., Notice Requesting Supplemental Comments Re: Regulation of Natural Gas Pipeline After Partial Wellhead Decontrol, Docket No. RM85-1-000 (Part D), November 18, 1985.

Before the Public Service Commission of Wisconsin, Rebuttal Testimony on behalf of Eastern Wisconsin Utilities, Docket No. 05-EP-4, November, 1985.

Before the Federal Energy Regulatory Commission, Oral Comments on behalf of National Economic Research Associates, Inc., Notice of Inquiry Re: Regulation of Electricity Sales-for-Resale and Transmission Services (Phase I), Docket No. RM85-17-000, August 9, 1985.

Before the Maine Public Utilities Commission, Direct Testimony on behalf of Central Maine Power Company, Docket No. 85-132, August, 1985.

Before the Public Utilities Commission of Ohio, Direct Testimony on behalf of Ohio Power Company, Docket No. 85-726-EL-AIR, July, 1985.

Before the House Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, Comments on Hydroelectric Relicensing, June 5, 1985.

Before the Public Service Commission of Wisconsin, Direct Testimony on behalf of Wisconsin Gas Company, Docket Nos. 05-UI-18 and 6650-DR-2, June, 1985.

Before the Ontario Energy Board, Testimony on behalf of Unicorp of Canada Corporation, In the Matter of Union Enterprises Ltd. and Unicorp of Canada Utilities Corporation, E.B.R.L.G. 28, Exhibit 10.4, April, 1985.

Before the Utah Public Utilities Commission, Testimony on behalf of NUCOR Steel, Docket No. 84-035-01 (Rate Spread Phase), January, 1985.

Before the Nuclear Regulatory Commission, Affidavit of Charles J. Cicchetti on behalf of Alabama Power Company, October, 1984.

Before the Federal Energy Regulatory Commission, Prepared Direct Testimony on behalf of Consolidated Gas Supply Corporation, Application of

Consolidated Gas Supply Corporation for Rate Relief, Docket No. RP82-115,
April, 1984.

Before the Public Utilities Commission of Ohio, Rebuttal Testimony on behalf of East Ohio Gas Company, *et.al.*, In the Matter of the Investigation into Long Term Solutions Concerning Disconnection of Gas and Electric Service During Winter Emergencies, Case No. 83-303-GE-COI, March, 1984.

Before the Federal Energy Regulatory Commission, Testimony on behalf of Florida Power and Light Company, Docket Nos. ER82-793 and EL83-24, February, 1984.

Before the Public Utilities Commission of Ohio, Direct Testimony on behalf of East Ohio Gas Company, *et.al.*, In the Matter of the Investigation into Long Term Solutions Concerning Disconnection of Gas and Electric Service During Winter Emergencies, Case No. 83-303-COI, January, 1984.

Before the Federal Energy Regulatory Commission, Supplemental Direct Testimony on behalf of Consolidated Gas Supply Corporation, Docket No. RP81-80, September, 1983.

Before the Arkansas Public Service Commission, Direct Testimony on behalf of Arkansas Louisiana Gas Company, Docket No. 83-161-U, August, 1983.

Before the New Mexico Public Service Commission, Testimony on behalf of Public Service Company of New Mexico, Case No. 1811, July 17, 1983.

Before the Federal Communications Commission, Rebuttal Case Testimony on behalf of Interstate Mobile Phone Company, in American Mobile Commission of Washington and Oregon, CC Docket No. 83-445, June, 1983.

Before the Public Service Commission of Indiana, Prepared Rebuttal Testimony on behalf of Northern Indiana Public Service Company, Case No. 37023, May, 1983.

Before the Public Service Commission of New York, Testimony on behalf of the Industrial Energy Users Association, in Procedure to Inquire into the Benefits to Ratepayers and Utilities from Implementation of Conservation Programs that will Reduce Electric Use, Case No. 28223, May, 1983.

Before the Public Utilities Commission of Maryland, Testimony on behalf of the Mid-Atlantic Petroleum Distributors Association, the Oil Heat Association of Washington, and Steuart Petroleum Company, Case No. 7649, May, 1983.

Before the Connecticut Department of Public Utility Control, Testimony on behalf of the Independent Petroleum Association, Docket No. 83-01-01, April, 1983.

Before the State Corporation Commission of Virginia, Testimony on behalf of the Mid-Atlantic Petroleum Distributors Association, the Oil Heat Association of

Washington, and Steuart Petroleum Company, Case No. PUE 830008, March, 1983.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Arkansas Louisiana Gas Company, Docket Nos. RP82-75-000 *et.al.*, February 1983.

Before the Federal Communications Commission, Rebuttal Case Testimony on behalf of Interstate Mobile Phone Company, in American Mobile Communications of Washington and Oregon, CC Docket No. 83-3, February, 1983.

*Before the Department of Health and Social Services, Testimony on behalf of Madison General Hospital, In Application for Certificate of Need for Open Heart Surgery, CON 82-026, November, 1982.

Before the Federal Energy Regulatory Commission, Prepared Testimony on behalf of Consolidated Gas Supply Corporation, in Application of Consolidated Gas Supply Corporation for Rate Relief, Docket No. RP82-115, July, 1982.

Before the Federal Energy Regulatory Commission, Rebuttal Testimony on behalf of Consolidated Gas Supply Corporation, Docket No. RP81-80, April, 1982.

Before the Florida Public Service Commission, Testimony on behalf of Florida Power & Light Company, Docket No. 820097-EU, April, 1982.

Before the Massachusetts Department of Public Utilities, Direct Testimony on behalf of Boston Edison Company, Docket No. 906, January, 1982.

Before the New Mexico Public Service Commission, Testimony on behalf of Public Service Company of New Mexico, In the Matter of New Mexico Public Service Commission Authorization for Southern Union Company to Transfer Certain Property to Western Gas Company, NMPSC Case 1689, January, 1982.

Before the Senate Committee on Energy and Natural Resources, Prepared Statement related to the Implementation of Title I of the Natural Gas Policy Act of 1978, November 5 and 6, 1981.

Before the Connecticut Department of Public Utility Control Authority, Testimony on behalf of Southern Connecticut Gas Works, DPUC Investigation Into Utility Financing of Conservation and Efficiency Improvements, Docket No. 810707, August, 1981.

Before the Connecticut Public Utility Control Authority, Prepared Testimony on behalf of Connecticut Natural Gas Corporation, July, 1981.

Before the Philadelphia Gas Commission, Testimony on behalf of Philadelphia Gas Works, in PGW Rate Investigations, July, 1981.

Before the California Public Utility Commission, Prepared Testimony on behalf of Pacific Gas and Electric Company, In Application of Pacific Gas and Electric Company for Rate Relief, Application No. 68153, June, 1981.

Before the Federal Energy Regulatory Commission, Prepared Testimony on behalf of Consolidated Gas Supply Corporation, Docket No. RP81-80, June, 1981.

Before the Tennessee Valley Authority Board, Comments on Tennessee Valley Authority Proposed Determinations on Ratemaking Standards, Contract TV-53565A, October, 1980.

*Before the Postal Rate Commission, Testimony on behalf of the National Association of Greeting Card Publishers, Docket No. R80-1, August 13, 1980.

Before the Federal Energy Regulatory Commission, Testimony on behalf of Pennsylvania Power and Light Company, Split-Savings and Emergency Tariffs, August, 1980.

Final Report of Consultants' Activities Submitted to Tennessee Valley Authority Division of Energy Conservation and Rates, in Consideration of Ratemaking Standards Pursuant to the Public Utility Regulatory Policy Act of 1978 (P.L. 95-617) and One Additional Standard, Contract No. TV-53575A, May, 1980.

Before the Utah Public Service Commission, Direct Testimony on behalf of NUCOR Steel, PSCU Case No. 83-035-06, 1980.