

John H. Chamberlin, Ph.D.
Pacific Economics Group Research, LLC
1720 E. Main St.
Reedsburg, WI 53959
(608) 524-4844
jchamberlin@pacificeconomicsgroup.com

EXPERIENCE

Senior Advisor **Pacific Economics Group Research, LLC**
(2010 to present)
Focused on policy issues related to utility pricing and energy efficiency program development and management.

Principal **The Cadmus Group**
(2008-2010)
Came to the Cadmus Group as part of its acquisition of Quantec. Led a strategy and regulatory policy practice area, focusing on utility pricing, decoupling, and regulatory policy related to utility energy efficiency program development and management.

Executive Vice President **Quantec, LLC**
(2003 to 2008)
Led several practice areas including pricing and rate design, portfolio planning, regulatory strategy and retail market analysis.

Vice President , Strategic Services **XENERGY Consulting Inc.**
(2000 to 2003)
Responsible for the development and implementation of tools and process to improve the profitability of product and service offerings, for the development of strategic services related to resource acquisition and management, and risk assessment and risk management services.

Vice President, Strategy and Planning **PG&E Energy Services**
(1998–2000)
Developed and managed all planning-related processes, including long-range planning, budgeting, acquisition, market entry, product development, commodity assessment, risk management and assessment, and market planning.

Vice President, Business Products and Services
(1997)
Responsible for the development and management of all non-commodity products and services, including those related to power quality, information services, energy management, load management, and mass market.

Executive Vice President
(1985–1997)

Barakat and Chamberlin, Inc.

Director of the firm's strategic planning work for utilities, and all electric utility consulting work. Was instrumental in developing competitive business plans for utilities throughout the United States and Canada. Expertise includes resource planning, business planning, innovative products and pricing, market assessments and planning, interfuel competition, promotional practices, and performance-based incentive mechanisms. Many assignments focused upon emerging issues in the areas of regulatory restructuring, competitive assessment, and new product development. Has worked with more than 70 utilities to develop effective and profitable energy efficiency programs. Prepared and presented testimony in approximately 100 regulatory and civil proceedings in the United States and Canada and has helped design and implement ratemaking frameworks in numerous jurisdictions. Has also prepared and presented expert witness testimony in support of business litigation.

Senior Project Manager
(1982–1985)

Electric Power Research Institute

Developed, managed, and coordinated projects related to demand-side planning, rate design, load forecasting, and customer behavior and response. Major projects included the development of a short-term forecasting software package, the management of a large load-control experiment, and the development of a method for integrating rate design and load-management incentives. Also initiated a project designed to improve planning and analysis techniques for providing service options to utility customers.

Project Manager
(1979–1982)

ICF, Incorporated

Work centered on issues related to costs, rates, and load management for electric utilities. Major projects included the development of the first comprehensive textbooks concerning the calculation of marginal costs and marginal-cost-based rates. Developed the PURPA time-of-day and load-management guidelines and conducted several cost-benefit studies of load management. Developed and conducted a series of workshops on costing and ratemaking for utility and commission personnel.

Instructor
Cybernetic Systems Program
(1979–1980)

San Jose State University

Taught graduate courses in statistics and dynamic modeling.

Project Manager
(1977–1979)

Electric Power Research Institute

Developed and managed projects related to modeling, rate design, and forecasting the supply of electricity. A major project was the development of a generation expansion planning model and associated databases.

Economist
(1975–1977)

Hanford Engineering Development Laboratory

Involved in all aspects of modeling and forecasting electricity supply, demand, and power systems costs. Developed and applied load forecasting, production costing, expansion planning, and financial analysis models. Also performed cost-benefit analyses of advanced nuclear systems.

EDUCATION

Ph.D., Economics, Washington State University, 1976

M.A., Economics, Washington State University, 1975

B.A., Economics, California State University, 1972

PUBLICATIONS

Books and Chapters in Books

“The Future of Integrated Resource Planning.” *Electric Utilities Moving into the 21st Century*. Edited by Greg Enholm. 1994.

Demand-Side Management: Concepts and Methods (2nd Edition). With Clark W. Gellings. Lilburn, Georgia: Fairmont Press, 1993.

“Forecasting Response to Innovative Rates” (Chapter 4) and “Uncertainty in Load Forecasting” (Chapter 5). *Demand Forecasting in the Electric Utility Industry*. Edited by C. W. Gellings. Lilburn, Georgia: Fairmont Press, 1992.

Demand-Side Management Planning. With Clark W. Gellings. Lilburn, Georgia: Fairmont Press, 1992.

“Converting from a Conservation Organization to a Marketing Mentality: Can the Two Coexist?” *Strategic Marketing for Electric Utilities*. Edited by C. W. Gellings and D. Limaye. Lilburn, Georgia: Fairmont Press, 1988.

Demand-Side Management: Concepts and Methods. With Clark W. Gellings. Lilburn, Georgia: Fairmont Press, 1987.

“Pricing for Conservation.” *Electric Utility Conservation Programs*. Edited by C. W. Gellings and D. Limaye. With R. G. Uhler. Praeger, 1986.

“Ratemaking by Objective: A Framework for the Systematic Evaluation of Rate Design Alternatives.” *Innovative Electric Rates*. Edited by S. V. Berg. With C. T. Dickson. Lexington Books, 1982.

“A Cost-Benefit Methodology for Evaluation of Load Management and Conservation Options.” *Energy and Communications in Transition*. With A. Hakki. Michigan State University Press, 1981.

Conference Proceedings and Papers

“The Effect of Increasing Competition and Deregulation on IRP and DSM.” In *Proceedings of the 7th National Demand-Side Management Conference*. With G. Collins and S. Shaffer. Cosponsored by Electric Power Research Institute, U.S. Department of Energy, and Edison Electric Institute. Dallas, Texas, June 1995.

“Integrated Resource Planning in 2004?” *Proceedings of the 1994 ACEEE Summer Study on Energy Efficiency in Buildings*. With C. Melendy and J. Russ (SDG&E). Pacific Grove, California, August 1994.

“Pricing Energy Services in a Competitive Market.” *Proceedings of the 1994 ACEEE Summer Study on Energy Efficiency in Buildings*. Pacific Grove, California, August 1994.

“The Role of Efficiency in Competitive Marketing.” *Proceedings of the 1994 ACEEE Summer Study on Energy Efficiency in Buildings*. Pacific Grove, California, August 1994.

“How Focusing on Value to Customers Changes a DSM Portfolio: One Utility’s Example.” DA/DSM Conference. With P. Herman. Orlando, Florida, January 1994.

“Where are DSM Financial Incentives Headed?” Exnet DSM Incentives Conference, “What Works and What Doesn’t.” Arlington, Virginia, June 1993.

“Why All ‘Good’ Economists Reject the RIM Test.” *Proceedings of the 6th National DSM Conference*. With P. Herman. Miami Beach, Florida, March 1993.

“Using Demand-Side Management to Improve Customer Satisfaction and Competitiveness.” Pacific Coast Electric Association Engineering and Operating Conference. With S. Mani. Irvine, California, March 1993.

“Mitigating Rate Impacts of DSM Programs.” Annual member meeting of the Association of Demand-Side Management Professionals, “Reaching Your Potential in DSM,” Phoenix, Arizona, December 1992.

- “Gaining Momentum or Running Out of Steam? Utility Shareholder Incentive Mechanisms—Past, Present, and Future.” *Proceedings of the ACEEE Summer Study on Energy Efficiency in Buildings*. With J. Brown and M. Reid. Pacific Grove, California, August 1992.
- “Demand-Side Management: The Next Generation.” Rutgers 5th Annual Western Conference, Advanced Workshop in Regulation and Public Utility Economics. With A. Faruqi. San Diego, California, July 1992.
- “Is DSM Really Improving Social Welfare?” Western Economic Association 67th International Conference. With P. Herman. San Francisco, California, July 1992.
- “Evaluating and Selecting Energy Conservation Programs.” Spring Workshop on Least-Cost Planning, Washington Gas and the D.C. Energy Office. With G. Wikler. Washington, D.C., April 1992.
- “Demand-Side Management: The Winds of Change in the USA.” Presented at the Demand-Side Management: A Current and Future Resource conference sponsored by the Commission of the European Communities and the International Energy Agency. With C. Gellings and V. Rabl. Copenhagen, Denmark, October 1991.
- Integrating Competition into Integrated Resource Planning*. NARUC, Third National Conference on Integrated Utility Planning. With Dana Toulson. Santa Fe, New Mexico, April 1991.
- Current Designs of Regulatory Techniques to Encourage DSM*. NARUC, Third National Conference on Integrated Utility Planning. With P. Hanser. Santa Fe, New Mexico, April 1991.
- “Demand-Side Management: The Winds of Change.” *Proceedings of the Canadian Electrical Association National DSM Conference* (keynote address). With C. Gellings and V. Rabl. Toronto, Ontario, October 1990.
- “The Impact of Demand-Side Management Programs on U.S. Demand for Electricity, 1990–2010.” *Proceedings of the Canadian Electrical Association National DSM Conference*. With S. Braithwait, A. Faruqi, K. Seiden, and R. Benjamin. Toronto, Ontario, October 1990.
- “Cost Effectiveness Analysis Under Uncertainty.” *Proceedings of the Canadian Electrical Association National DSM Conference*. With K. Seiden, A. Faruqi, and E. Ellingson. Toronto, Ontario, October 1990.
- Introducing Market Focus into Rate Design*. Written for presentation at the Symposium on New Service Opportunities for Electric Utilities. EPRI and the University of California University Wide Research Group. With K. Jensen. Berkeley, California, September 1990.

- “Financial Incentives for DSM Programs: A Review and Analysis of Utility Proposals.” *Proceedings of the ACEEE Energy Efficiency in Buildings Summer Conference*, vol. 5. With M. Reid. Washington, D.C., August 1990.
- “The Status of DSM Incentives.” Background paper prepared for presentation at the EEI/EPRI workshop Regulatory Incentives for Demand-Side Management. With M. Reid. Washington, D.C., June 1990.
- “Demand-Side Management: The Winds of Change.” Prepared for keynote address. New Rules of Power—Meeting New Jersey’s Electric Power Needs Conference. With C. Gellings and V. Rabl. June 1990.
- “Implementing Integrated Resource Planning Effectively.” *Proceedings of the Canadian Electrical Association Western DSM Conference*. Winnipeg, Manitoba, May 1990.
- “Cost Effectiveness Enlightenment: Which is the Right Test?” *Proceedings of the Argonne National Laboratory Energy Program Evaluation Conference*. With P. Herman. Chicago, August 1989.
- “Managing Forecast Uncertainty: How Not to Bet the Company on a Point Forecast.” Prepared for EPRI Forecasting Symposium. With A Faruqui. Atlanta, Georgia, November 1988.
- “Developing an Integrated Value-Based Planning Process.” *Proceedings: EPRI 1987 Annual Review of Demand-Side Planning Research*. With W. Smith and P. Hanser. Palo Alto, California, September 1988.
- “Developing Competitive Service Options.” *Proceedings of the Energy Technology 15 Conference*. Washington, D.C., February 1988.
- “Apples to Apples—Development of a Pricing Strategy: The Case of Non-utility Generation.” *Proceedings of the EPRI Integrated Value-Based Planning Conference*. New Orleans, Louisiana, December 1987.
- “Customer Response to Innovative Rate Design.” *Proceedings of the Energy Technology 13 Conference*. Washington, D.C., March 1986.
- “The Design and Evaluation of Innovative Electric Rates.” EA-4067, *Proceedings of the EPRI-CRIEPI Workshop on Energy Analysis*. June 1985.
- “Reflecting Customer Needs in Demand-Side Management Planning.” *Transactions of the IEEE*. With J. Flory. 1985.
- “Pricing and Incentives.” *IEEE Proceedings*, vol. 73, no. 10, October 1985.
- “Rate Design by Objective: A Pragmatic Approach.” *Proceedings of the 1985 Rate Symposium*. Washington, D.C.: Institute for the Study of Regulation, February 1985.

- “Rate Design Projects at EPRI.” *Proceedings of the 1983 Rate Symposium on Problems of Regulated Industries*. Institute for the Study of Regulation, 1983.
- “Load Management: How Will Operators Want to Use It.” *Transactions of the IEEE*. With W. Johnson et al., 1983.
- “Impacts of Time-of-Day Rates on Average Electricity Prices and Utility Load Factors.” *Energy Technology IX, Proceedings of the Ninth Energy Technology Conference*. With C. T. Dickson and R. M. Spann. June 1982.
- “The Effects of Fuel Costs on Rate Structures.” *Transactions of the American Petroleum Institute*. With R. H. Males. Toronto, Ontario, May 1978.
- “Customer Response to Changes in the Price of Electricity.” *Proceedings of the American Nuclear Society*. Toronto, Ontario, June 1976.
- “Development of Demand Functions and Their Inclusion in Linear Programming Forecasting Models.” *Transactions of the American Nuclear Society*. June 1976.
- “Forecasts of Electric Demand.” *Transactions of the American Nuclear Society Winter Meeting*. San Francisco, California, November 1975.

Articles in Technical Journals

- “How Much DSM is Really There: a Market Perspective.” With Patricia Herman. *Energy Policy* 24 (1996) 323-30.
- “The Energy Efficiency Challenge: Save the Baby, Throw Out the Bathwater.” With Patricia Herman. *Electricity Journal*, December, 1995.
- “Cloudy Days for DSM.” With A. Faruqui and G. Wikler. *Electricity Journal*, vol. 7, no. 6, July/August 1994, pp. 54–66.
- “Efficient Block Rate Structures: Rethinking Conventional Wisdom.” With K. Seiden. *Electricity Journal*, vol. 6, no. 10, December 1993/January 1994, pp. 54–59.
- “Mitigating Rate Impacts of DSM.” with P. Herman and G. Wikler. *Electricity Journal*, August 1993.
- ”Demand-Side Management: More to Come.” With A. Faruqui. *Forum for Applied Research and Public Policy*, vol. 7, no. 3, Fall 1992.
- “End-Use Fuel-Switching: Is it Fair?” With E. Mayberry. *Electricity Journal*, vol. 4, no. 8, October 1991.

“Incentives Designed to Accelerate DSM.” With M. Reid. *Strategies*, vol. 1, no. 2 (newsletter of the Association of Demand-Side Management Professionals). Summer 1990.

“Is Cost the Only Measure of Electricity Value?” With R. Whitaker, P. Hanser, and W. Smith. *EPRI Journal*, January/February 1989.

“CALMS: More Questions than Answers.” With C. W. Gellings. *Electrical World*, November 1984.

“Direct Inclusion of Demand Functions in Linear Programming Forecasting Models.” *The Engineering Economist*. Spring 1979.

“Price Discrimination and Product Demand in the Electric Utility Industry.” *Review of Business and Economic Research*. Fall 1977.

“Analysis of Electrical Power Generation Costs.” With R. W. Hardie. *Nuclear Technology*, vol. 33, pp. 212–222. April 1977.

“Review of Microeconomics: Selected Readings.” *Intermountain Economic Review*, vol. 5(1). Spring 1974.

Technical Reports

Demand-Side Management: Decoupling Profits from Sales. With M. Reid. Washington, D.C.: Edison Electric Institute, January 1993.

Customer Response to Rate Options. With A. Faruqui, S. Shaffer, K. Seiden, M. Mauldin, and S. Blanc. Palo Alto: Electric Power Research Institute (EPRI), CU-7131, January 1991.

Rate Design: Traditional and Innovative Approaches. Palo Alto: Electric Power Research Institute (EPRI), CU-6886, July 1990.

How Attractive Can DSM Be? Levelizing the Financial Playing Field. With Ken Jensen. Palo Alto: Electric Power Research Institute (EPRI), August 1989.

Integrated Value-Based Planning: An Overview. Palo Alto: Electric Power Research Institute (EPRI), CU-6534, August 1989.

The Design of Alternative Rates for Public Power Systems: Issues and Procedures, EA 3609. With C. T. Dickson. Palo Alto: Electric Power Research Institute (EPRI), 1984.

Costs and Rates Workbook. Electric Utility Design Study, RDS #93A and 93B. Palo Alto: Electric Power Research Institute (EPRI), September 1981.

Costs of Load Management to Society. Electric Utility Rate Design Study, RDS #76. Palo Alto: Electric Power Research Institute (EPRI), September 1980.

Cost-Benefit Methodology for Evaluation of Load Management Options. Electric Utility Rate Design Study, RDS #75. Palo Alto: Electric Power Research Institute (EPRI), April 1980..

The Problem of the Second Best and the Efficient Pricing of Electrical Power. Electric Utility Rate Design Study, RDS #70. Palo Alto: Electric Power Research Institute (EPRI), August 1979.

SELECTED PRESENTATIONS

"Exploratory Study of the Hedge Value of Energy Efficiency Investments", (with C Dickerson, D Bennet, and M Goldgerg), AESP, 2004.

"Creating Value Through Risk Management", Marketing Executive Conference, Sea Island Georgia, 1998.

"Lessons from the Retail Market Experience", Xenergy Members Forum, San Diego, CA, 2000.

"Lessons Learned from the California Experience." Regulatory Restructuring Conference sponsored by Electric Utility Consultants, Denver, Colorado, April 1995.

"Pricing and Rate Competition." Retail Wheeling Summit, New Orleans, Louisiana, December 1994.

"Strategic Planning." Presentation in Mock Strategic Planning Session, Annual Membership Meeting, Association of Energy Service Professionals (formerly ADSMP), with P. Herman. Orlando, Florida, December 1994.

"DSM in a Competitive Environment." Pursuit of Energy Efficiency Annual Conference, Iowa Association for Energy Efficiency. Des Moines, Iowa, October 1994.

"Competing in the New Market: Where Do Utilities Go from Here?" EXNET/Management Exchange, The California Regulatory Earthquake: Regulatory Restructuring of the Power Markets. San Francisco, California, September 1994.

"Pricing in a Competitive World." Tennessee Valley Public Power Association Annual Meeting. Nashville, Tennessee, May 1994.

"Visionary Panel: Where Do We Go from Here?" Panelist, Innovative Electricity Pricing Conference. Tampa, Florida, February 1994.

"Panel: DSM on Trial." Panelist, ADSMP 1993 Membership Meeting. San Diego, California, November 1993.

- “Regulatory Direction and Policy Issues.” Demand-Side Management: Principles and Applications Seminar, Demand-Side Management Training Institute. San Francisco, California, November 1993.
- “You Got a Great-Looking Cart but Without a Horse You Ain’t Going Nowhere, Baby.” Electric Power Software DSManager/IRP Manager Users Group. Minneapolis, Minnesota, October 1993.
- “Where Electricity Regulation is Headed.” Pennsylvania Electric Association. Hershey, Pennsylvania, September 1993.
- “DSM in the 21st Century: Megawatts or Memories?” Electricity Generation for the 21st Century Conference. Denver, Colorado, June 1993.
- “Where are DSM Incentives Headed: A Review of the Current Status and Future Directions.” DSM Incentives Conference, Association of Demand-Side Management Professionals and EXNET (*Public Utilities Reports*). Washington, D.C., June 1993.
- “The Trade-off Between All-Ratepayer Benefits and Rate Impacts: An Exploratory Study.” Sixth National DSM Conference, Miami Beach, Florida, March 1993.
- “Mandatory Fuel-Switching: Why Not?” NARUC Conservation Committee panel presentation. Washington, D.C., March 1993.
- “DSM Cost Recovery and Incentives.” Seminar sponsored by the Hawaii Public Utilities Commission. Honolulu, HI, October 1992.
- “Profiting from Conservation.” Edison Electric Institute Marketing Conference. Denver, Colorado, June 1992.
- “Decoupling Profits from Sales.” Edison Electric Institute Decoupling Workshop, with M. Reid. Washington, D.C., June 1992.
- “Demand-Side Management: Is the Dream Still Alive?” First National DSM Conference, with C. Gellings and V. Rabl. Melbourne, Australia, May 1992.
- “The DSM Experience: Policy and Practice.” Public Utilities Research Center Annual Conference, University of Florida. Gainesville, Florida, April 1992.
- “Lighting Efficiency Strategies Forum.” Panel presentation at the Lighting Efficiency Congress session of Globalcon ’92. San Jose, California, March 1992.
- “An Overview of DSM Incentive Regulation.” NARUC’s Staff Committee on Accounts meeting. Reno, Nevada, March 1992.

- “Defining a Level Playing Field for Evaluating Demand and Supply Resources.” Winter meeting of the Power Engineering Society of IEEE (Panel). New York, New York, January 1992.
- “A National View of DSM Incentive Design.” Association of Demand-Side Management Professionals annual meeting. San Antonio, Texas, December 1991.
- “Gas Wars: Using the Least-Cost Planning Process for Competitive Advantage.” 5th National Demand-Side Management Conference “DSM—Building on Experience.” EPRI/U.S. DOE/EEI, with D. Toulson (co-author). Boston, Massachusetts, July 1991.
- “Integrating Competition into Least-Cost Planning.” 5th National Demand-Side Management Conference, with K. Jensen. Boston, Massachusetts, June 1991.
- “DSM Incentive Mechanisms: Current Designs of Regulatory Techniques.” Northwest Electric Light and Power Association (NELPA) Conference. Portland, Oregon, May 1991.
- “The New Electric Utility Industry of the 1990s.” Association of Energy Engineers Worldcon '91 Conference and Expo on Energy and the Environment. Anaheim, California, April 1991.
- “Making Demand-Side Management Pay.” Financial Forum panel, Pacific Coast Electrical Association. San Diego, California, January 1991.
- Workshop on Bonus Strategies. Association of Demand-Side Management Professionals annual meeting. Orlando, Florida, December 1990.
- “Financial Incentives for DSM Programs.” Utility-sponsored conservation seminar for senior management. Detroit, Michigan, November 1990.
- “Critical Issues in Demand-Side Programs.” Panel presentation. Iowa Association for Energy Efficiency. Des Moines, Iowa, October 1990.
- “Financial Incentives for Demand-Side Management Programs.” EEI Rate Research Committee meeting. Denver, Colorado, September 1990.
- “Regulatory Incentive Mechanisms for DSM: Why Are They Needed?” EPRI Innovations in Pricing and Planning Conference. Milwaukee, Wisconsin, May 1990.
- “Externalities: What Do We Know and What Can We Do With It?” Edison Electric Institute Environmental Emerging Issues Committee, with M. Mauldin. Madison, Wisconsin, April 1990.
- Marketing Evaluation Methodologies, Series of EPRI Workshops. Baltimore, Maryland, and Kansas City, Missouri, Fall 1989.

- “Starting from Scratch: Attempts at a Process Evaluation of LCRA’s Power Saver Cycling Program.” Electric Council of New England DSM conference. Boston, Massachusetts, November 1989.
- “Strategic Market Planning.” California Public Utilities Commission workshop on market planning. San Francisco, California, September 1989.
- “Long-Term Approaches to Solving the DSM Incentive Program.” EPRI/EEI conference, Denver, Colorado, August 1989.
- “Incentives for Demand-Side Management. Where Are We? Where Do We Go From Here?” Iowa Utilities Board. Des Moines, Iowa, August 1989.
- “Demand-Side Management Planning: Building on Experience.” Canadian Electrical Association conference. St. John’s, Newfoundland, May 1989.
- “Competitive Bidding Strategies.” American Public Power Association seminar. Scottsdale, Arizona, April 1989.
- “Incorporating Needs Impacts into Resource Planning: A Summary.” EPRI/APA conference, with M. Mauldin. Atlanta, Georgia, January 1989.
- “Developing QF Pricing Strategies.” Industrial and Utilities: Redefining the Relationship Conference, *Electric Utility Week* (McGraw-Hill). Chicago, Illinois, October 1988.
- “Developing Pricing Strategies for Potential Cogenerators.” Electric Alternatives to Commercial Cogeneration Conference. EPRI/SDG&E. San Diego, California, October 1988.
- “Pricing Electric Power and Services in a Dynamic Marketplace.” Innovative Pricing (New Dimensions in Electricity Pricing) Conference, EPRI, with W. LeBlanc and W. Smith. Syracuse, New York, September 1988.
- “Rates to Meet the Demands of a Competitive Marketplace.” American Public Power Association Customer Services and Communications Workshop. Marco Island, Florida, September 1988.
- “Marginal Cost for Transmission Line Access.” American Public Power Association Rates and Finance seminar. Austin, Texas, October 1988.
- “Successful Service Providers (Rate Case Consultant).” Panel presentation, Pacific Gas and Electric Company Corporate Center and Shared Services Managers’ meeting. San Ramon, California, June 1988.
- “Strategic Pricing: Rate Design for a Competitive Industry.” Missouri Basin Municipal Power Authority. Sioux Falls, South Dakota, April 1988.

- “Resource Planning Under Uncertainty.” Inter-Utility Load Management Symposium (LADWP). Los Angeles, California, March 1988.
- “The Great Rate Debate.” California Municipal Utilities Marginal Cost Working Group. Los Angeles, California, January 1988.
- “Innovative Utility Rates and Services that Benefit Utilities and Customers Alike.” San Diego Energy Expo, San Diego, California, November 1987.
- “Cost Effectiveness Enlightenment: Which is the Right Test?” Lotus Consulting Group seminar, with P. Herman. October 1987.
- “Value-Based Planning.” International Association of Energy Economists Northern California chapter. September 1987.
- “Integrated Value-Based Planning.” EPRI DSM Review Committee. September 1987.
- “Planning for Best Value.” IEEE Summer Meeting. San Francisco, California, July 1987.
- “Developing a Qualifying Pricing Strategy.” California Municipal Utilities Marginal Cost Working Group. Los Angeles, California, July 1987.
- “Competitive Rate Design.” Bonneville Power Administration’s Second Annual Future Symposium. May 1987.
- “Marginal Costing Methods and Developing a QF Pricing Strategy.” California Municipal Utilities Marginal Cost Working Group. February 1987.
- “Moving Toward Integrated Resource Planning: Understanding the Theory and Practice of Least-Cost Planning and Demand-Side Management.” IEEE-Least-Cost Energy Planning in the Midwest: A Symposium, with C. W. Gellings. Chicago, Illinois, February 1987.
- “Integrated DSM Options with Resource Plans.” Industry least-cost planning seminar. Boston, Massachusetts, January 1987.
- “Methodology for the Cost-Effectiveness Analysis of Load Growth/Retention Programs.” Barakat and Chamberlin workshop, with Sam Barakat. Berkeley, California, September 1986.
- “Increased Revenue Through Load Forecasting.” National Rural Electric Cooperative Association (NRECA). September 1986.
- “Strategic Rate Design.” NRECA National Accounting and Financial Conference. August 1986.
- “Customer Response to Innovative Rate Design.” NRECA National Marketing Conference. Nashville, Tennessee, June 1986.

“Rates as a Marketing Strategy.” 1986 NRECA Member Services and Communications Conference. June 1986.

“Load Forecasting: Why Do We Miss the Target?” APPA Engineering and Operations Workshop, with J. Clinton. Seattle, Washington, March 1986.

“DSM Impact Assessment.” Workshop developed and presented by Barakat and Chamberlin in conjunction with Demand-Side Planning Workshop. Berkeley, California, March 1986.

“Developing Credible Forecasting Methods.” IEEE Winter Power Meeting. 1984.

“Short-Term Sales Forecasting Methods.” ORSA-TMS Annual Meeting. 1984.

“Experimental Design of a Load Control Project.” Fourth California Load Management Symposium. San Francisco, California, November 1994.

“Uncertainty in Load Forecasting.” IEEE Summer meetings. 1984.

“Why Forecasting is So Hard (And What Can Be Done About It).” IEEE/CFA Joint Conference on Consumer Affairs, October 1983.

“Modeling Changes in Utilities’ Costs.” Florida PSC Metering for Innovative Electric Rate Conference. July 1980.

COURSES AND LECTURES

Lecturer: “Rate Course” and “Innovative Pricing.” Sponsored by EPRI, Tampa, Florida, February 1994.

Lecturer: “Pricing as a Marketing Tool.” Demand-Side Management Course, Center for Professional Advancement. Burlingame, California, April 1989.

“Integrated Resource Planning.” American Public Power Association, 1987–1988.

“Advance Rate Design: Rates as a Competitive Strategy.” Two-day, in-house strategic training seminar for BC Hydro. October 1988.

“Demand-Side Management: Marketing, Planning, Technology, and Evaluation.” Annual three-day course, Center for Professional Advancement. 1983–1988.

Director: “Advanced Rate Design.” American Public Power Association. 1981–1988.

“Integrated Resource Planning.” Kansas City Board of Public Utilities. January 1988.

Associate Director: “Demand Forecasting for Electric Power and Energy.” Center for Professional Advancement. 1984–1987.

“Strategic Pricing.” Center for Professional Advancement. December 1987.

“Forecasting Methods.” Center for Professional Advancement. November 1987.

“Demand-Side Planning.” American Public Power Association. 1986.

Lecturer: “Development of Marginal Costs.” EEI Rate Fundamentals course, Indiana University. 1981–1985.

“Statistics” and “Dynamic Modeling.” Graduate courses, Cybernetic Systems Program, San Jose State University. 1979–1981.

“Marginal Cost Rate Design.” Course given to various groups (including students and industry analysts). 1979–present.

Rates and Costs Workshop. EPRI. 1979.

“Microeconomics.” Washington State University. 1972–1975.