

Richard D. Bachmeier

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EXPERTISE

- Utility Resource Planning
- Environmental Economics and Policy
- Risk Management
- Utility Regulation, Policy, and Ratemaking
- Financial Modeling and Analysis
- Product Development and Pricing

EXPERIENCE

GAINESVILLE REGIONAL UTILITIES (GRU). GAINESVILLE, FLORIDA. 2007 – PRESENT
Electric System Planning Director, GRU Strategic Planning

- Responsibilities include:
 - Planning and execution of GRU's long-term electric supply strategy
 - Oversight of GRU's long-range production cost projections
 - Structuring and pricing long-term wholesale power contracts
 - Coordinating GRU's NERC Reliability Compliance program
 - Performing electric production cost projections and simulations with GenTrader, a utility planning and dispatch optimization model developed by Power Costs, Inc (PCI).
- Authored Request for Proposals (RFP) and developed evaluation methodology for biomass generation project.
- Participated in successful contract negotiations for the Gainesville Renewable Energy Center biomass facility that resulted from the RFP.

ORLANDO UTILITIES COMMISSION (OUC). ORLANDO, FLORIDA. 2003 – 2007
Planning Analyst, OUC Power Marketing – 2005 to 2007

- Developed electricity production cost projections for OUC's long-term supply planning, retail fuel rates, and wholesale power contracts.
- Implemented and maintained OUC's long-term planning version of PCI GenTrader.
- Developed OUC's Standard Offer Contract for capacity and energy purchases from Renewable Energy Facilities.
- Member of the Florida Municipal Power Pool (FMPP) Planning Committee.
- Developed a long-term PCI GenTrader model for all of FMPP to optimize outage coordination among member utilities.

Senior Retail Pricing Coordinator, OUC Customer Connection, Commercial Markets – 2003 to 2005

- Developed electric cost-of-service studies and rate design for OUC's regulated retail customers.
- Developed pricing and business plans for new competitive retail products and business ventures.
- Performed financial analyses and contributed to business plan for OUC's Retail Renewable Energy product.

TXU ENERGY. DALLAS, TEXAS. 2002 – 2003

Manager of Product Structuring, Retail Commodity Management

- Facilitated transactions among TXU Energy's marketing, sales, and trading groups.
- Produced financial and market analyses for out-of-territory customer acquisitions.
- Developed competitive retail energy products consistent with TXU Energy's risk profile.

ENRON CORPORATION. HOUSTON, TEXAS.

1997 – 2001

Director, Utility Risk Management

- Supervised teams responsible for managing risk in energy markets throughout the United States.
- Developed and implemented hedging strategies for fuel, commodity, and regulated elements of the Enron retail energy portfolio.
- Created and implemented a system for producing Enron's daily retail electric position reports.
- Developed models to generate and manage forward price curves for utility tariffs.
- Represented Enron in electric deregulation proceedings in Texas, New York, Nevada, and Arizona.

PUBLIC UTILITY COMMISSION OF TEXAS. AUSTIN, TEXAS.

1985 – 1997

Assistant Director, Competitive Issues Division

- Supervised Commission staff in the areas of utility load forecasting and resource planning, environmental issues, and energy and telecommunications pricing and policy.
- Testified as an expert witness in proceedings before the Commission and the Texas State Legislature.
- Headed task force that developed the Commission's Integrated Resource Planning policy on the valuation of environmental externalities for power plant certification and operation; authored report on findings and recommendations.
- Reviewed and provided recommendations on energy industry legislation proposed by the Texas State Legislature.
- Authored research reports and working papers on energy forecasting, conservation, and environmental policy.

UNIVERSITY OF TEXAS AT AUSTIN. AUSTIN, TEXAS.

1982 – 1985

Instructor, Department of Economics

- Instructor of university level microeconomics and macroeconomics courses.
- Developed and administered lectures and examinations; assigned final grades.

EDUCATION

PH.D. CANDIDATE (ABD) - ECONOMICS

University of Texas at Austin. Austin, Texas.

- Completed all coursework and examination requirements for the Ph.D.
- Coursework included graduate level microeconomics, macroeconomics, and econometrics.

MASTER OF APPLIED GEOGRAPHY

Texas State University - San Marcos (formerly Southwest Texas State University). San Marcos, Texas.

- Major: Resource and Environmental Studies
- Directed Research: "Spatial Variation in Electric Utility Customer Valuation of Environmental Externalities in Texas."
- Coursework included environmental planning and regulation, quantitative methods and research design, air quality management, land use planning, computer cartography, and Geographic Information Systems (GIS).

BACHELOR OF ARTS - ECONOMICS

University of North Dakota. Grand Forks, North Dakota.

BACHELOR OF SCIENCE - MATHEMATICS

University of North Dakota. Grand Forks, North Dakota.

EXPERT WITNESS TESTIMONY

Filed In Regulatory Proceedings at the Public Utility Commission of Texas:

- Docket No. 14965, SOAH Docket No. 473-95-1563, Application of Central Power and Light Company for Authority to Change Rates, May and August 1996.
- Docket No. 14435, SOAH Docket No. 473-95-1206, Application of Southwestern Electric Power Company for Approval of Agreement for Electric Service to Eastman Chemical Company, November 1995.
- Docket No. 13575, Application of Texas Utilities Electric Company for Approval of Notices of Intent, February 1995.
- Docket No. 12820, Petition of the General Counsel for an Inquiry into the Reasonableness of the Rates and Services of Central Power and Light Company, October 1994.
- Docket No. 12700, Application of El Paso Electric Company for Authority to Change Rates and of Central and South West Corporation and El Paso Electric for Approval of Acquisition, June 1994.
- Docket No. 12138, Notice of Intent of Houston Lighting & Power Company for a Certificate of Convenience and Necessity for Advanced Gas Turbine Projects, September 1993.
- Docket No. 11735, Application of Texas Utilities Electric Company for Authority to Change Rates, July 1993.
- Docket No. 11520, Petition of the General Counsel for an Inquiry into the Reasonableness of the Rates and Services of Southwestern Public Service Company, July 1993.
- Docket No. 11292, Application of Entergy Corporation and Gulf States Utilities Company for Sale, Transfer, or Merger, January 1993.
- Docket No. 11000, Application of Houston Lighting & Power Company for a Certificate of Convenience and Necessity for the DuPont Project, October 1992.
- Docket No. 10894, Application of Gulf States Utilities Company to Reconcile Fuel Costs, Establish New Fixed Fuel Factor and Recover Its Under-Recovered Fuel Expense, August 1992.
- Docket No. 10883, Application of Brazos Electric Power Cooperative, Inc. for a Certificate of Convenience and Necessity for Proposed Generating Facilities, July 1992.
- Docket No. 10400, Application of Texas Utilities Electric Company for Approval of Its Notice of Intent, August 1991.
- Docket No. 10059, Notice of Intent by Brazos Electric Power Cooperative, Inc. to Apply for Certificate of Convenience and Necessity for Proposed Generating Facilities, May 1991.
- Docket No. 9850, Application of Houston Lighting and Power Company for Authority to Change Rates, February 1991.
- Docket No. 9491, Application of Texas-New Mexico Power Company for Authority to Change Rates, July 1990.
- Docket No. 9165, Application of El Paso Electric Company for Authority to Change Rates, February 1990.
- Docket No. 9119, Appeal of the Office of Public Utility Counsel of the City of Kerrville Municipal Utility Rate Action, August 1990.
- Docket No. 8868, Application of Brazos Electric Power Cooperative, Inc. to Change (Reduce) Rates, September 1989.
- Docket No. 8702, Application of Gulf States Utilities for Authority to Change Rates, July 1989.
- Docket No. 8425, Application of Houston Lighting and Power Company for Authority to Change Rates, May 1989.

Testimony Before the Texas Legislature:

- Testified as a resource witness before the Texas State House of Representatives Energy Resources Interim Committee on Environmental Externalities, February 21, 1996.

RESEARCH PAPERS AND PUBLICATIONS

- “Electric Power Industry Scope of Competition and Potentially Strandable Investment,” Public Utility Commission of Texas Report to the 75th Texas Legislature. January 1997. Project team member and contributing author.
- “Spatial Variation in Electric Utility Customer Valuation of Environmental Externalities in Texas.” Directed Research for completion of Master’s degree, Texas State University-San Marcos, December 1996.
- “Public Participation as an Alternative to Monetization of Environmental Externalities in Electric Utility Resource Selection.” Public Utility Commission of Texas Working Paper, September 1995.
- “Report of the Integrated Resource Planning Team on Externalities.” Team leader and principal author of Public Utility Commission of Texas Report, January 1994.
- “A Conditional Demand Analysis of Residential Appliance Use in the Southwest U.S.,” with Michael D. Robinson. Public Utility Commission of Texas Working Paper, February 1988. Presented for the program of the Southwestern Society of Economists, March 2-5, 1988 in San Antonio, TX.
- “Impacts of Texas-New Mexico Power’s Conservation Information Programs,” with Michael D. Robinson and Jeffrey I. Rosenblum. Published in EPRI EM-5452, *Proceedings Third National Conference on Utility Demand-Side Management Programs: Strategies in Transition*, June 16-18, 1987 in Houston, TX.
- “A Texas Study of the Effects of the National Appliance Energy Conservation Act of 1987.” Public Utility Commission of Texas Working Paper, November 1986. Also published in the proceedings of *The Fourth Annual Symposium on Improving Energy Efficiency in Hot and Humid Climates*, September 15-16, 1987 in Houston, TX.
- “An Eight-Zone REEPS Model of the State of Texas with Conservation Analysis.” Public Utility Commission of Texas Working Paper, April 1986.