

Schedule JPP-1
Qualifications of Johannes P. Pfeifenberger

Johannes Pfeifenberger is a Principal of *The Brattle Group* where he co-manages the firm's utility practice area. He received a M.A. in Economics and Finance from Brandeis University and holds a M.S. ("*Diplom Ingenieur*") in Electrical Engineering, with a specialization in Power Engineering and Energy Economics from the University of Technology in Vienna, Austria. Before joining *The Brattle Group* in 1991, Mr. Pfeifenberger was a consultant with Cambridge Energy Research Associates of Cambridge, Massachusetts, and a research assistant at the Institute of Energy Economics in Vienna, Austria.

TESTIMONY AND REGULATORY FILINGS

Before the Maine Public Utilities Commission, Docket No. 2007-317, *An Assessment of Retail Rate Trends and Generation Costs in Maine*, Whitepaper filed on behalf of Independent Energy Producers of Maine, September 5, 2007 (with Adam C. Schumacher).

Before the Alberta Energy and Utilities Board, Proceeding No. 1468565, submission on behalf of AltaLink Management Ltd. re: Benchmarking the Costs and Performance of Utilities using a Uniform System of Accounts, October 2006 (with Carlos Lapuerta).

Before the Arizona Power Plant and Transmission Line Siting Committee, Docket No. L-00000A-06-0295-00130, Case No. 130, Oral Testimony on behalf of Southern California Edison Company re: economic impacts of the proposed Devers-Palo Verde No. 2 transmission line, September and October, 2006.

Before the Federal Energy Regulatory Commission, Docket No. EL-06097-000, Affidavit and Rebuttal Affidavit on behalf of WPS Resources Corporation re: benefits of implementing a joint and common market across the MISO-PJM service areas, August 15 and October 2, 2006.

Before the Maine Public Utilities Commission, Docket No. 2005-554, Direct Testimony and Surrebuttal on behalf of Penobscot Energy Recovery Company re: retail rate structure for station-use distribution service, June 7 and September 29, 2006.

Before the Colorado Public Utilities Commission, Docket No. 06S-234EG, Direct Testimony on behalf of Public Service Company of Colorado re: purchased power rate adjustment mechanisms and imputed debt of purchased power, April 14, 2006.

In the Matter of Binding Arbitration between La Paloma Generating Trust, Ltd, as Revocably Assigned to La Paloma Generating Company, LLC, v. Southern California Edison Company, JAMS

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CASE NO. 1220032122, Direct Testimony on behalf of Southern California Edison re: Power Contract Dispute, June and July 2005.

Before the Federal Energy Regulatory Commission, Docket No. EC05-43-000, Affidavit and Supplemental Affidavit on behalf of Ameren Services Company re: *Exelon Corporation and Public Service Enterprise Group Incorporated, Joint Application for Approval of Merger*, April 11 and May 27, 2005 (with Peter Fox-Penner).

Before the Illinois Commerce Commission, Docket Nos. 05-160, *et al.*, Direct Testimony prepared on Behalf of Central Illinois Light Company, Central Illinois Public Service Company, and Illinois Power Company re: Competitive Procurement of Retail Supply Obligations, February 28, 2005.

Before the Federal Energy Regulatory Commission, Docket No. ER04-718-000 *et al.*, Prepared Supplemental Testimony on Behalf of the Michigan Utilities re: Financial Impact of ComEd's and AEP's RTO Choices, December 21, 2004 (with Sam Newell).

Before the Federal Energy Regulatory Commission, Docket No. ER04-375-002 *et al.*, Declaration re: Financial Impact of ComEd's and AEP's RTO Choices on Michigan and Wisconsin, August 13, 2004; Prepared Direct and Answering Testimony on Behalf of the Michigan-Wisconsin Utilities, September 15, 2004 (with Sam Newell).

Before the Federal Energy Regulatory Commission, Docket No. ER00-2019-0000, *California Independent System Operator Corporation*, Direct Testimony and Rebuttal Testimony on Behalf of the California Independent System Operator re: Redesign of Transmission Access Charges, February 14, 2003 and October 2, 2003.

Before the Federal Energy Regulatory Commission, Docket No. ES02-53-000, *Midwest Independent Transmission System Operator, Inc.*, Prepared Direct Testimony on Behalf of the Midwest Independent Transmission System Operator re: Rate Design for ISO Administrative Cost Recovery, September 24, 2002.

Before the Federal Energy Regulatory Commission, Docket No. RT01-87-001, *Midwest Independent Transmission System Operator, Inc.*, Affidavit on Behalf of the Midwest Independent Transmission System Operator re: Inter-RTO Coordination, August 31, 2001 (with Peter Fox-Penner).

Before the Public Service Commission of the State of Missouri, Case No. EM-96-149, *White Paper on Incentive Regulation: Assessing Union Electric's Experimental Alternative Regulation Plan*, on behalf of Ameren Services Company, February 1, 2001 (with D.E.M. Sappington, P. Hanser, and G.N. Basheda).

Before the Federal Energy Regulatory Commission, Docket No. ER00-2019-0000, *California Independent System Operator Corporation*, Testimony before Settlement Judge on behalf of the California ISO re: Redesign of Transmission Access Charges, July 12 and August 10, 2000.

Before the State of New York Public Service Commission, *In the Matter of Customer Billing Arrangements*, Case 99-M-0631, Affidavit on behalf of New York State Electric and Gas Corporation, April 19, 2000 (with Frank C. Graves).

Before the Federal Communications Commission, “An Economic Assessment of the Risks and Benefits of Direct Access to INTELSAT in the United States,” Report filed with Comments of COMSAT Corporation, *In the Matter of Direct Access to the INTELSAT System*, IB Docket No. 98-192, File No. 60-SAT-ISP-97, December 21, 1998 (with H.S. Houthakker and J.R. Green).

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Before the United States District Court, Central District of California, “Expert Report of The Brattle Group” re: Contract Termination Damages; *Comsat Corporation v. The News Corporation, Limited, et al.*, July 1, 1998.

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Before the State of New York Public Service Commission, *Fuel Switching and Demand Side Management*, Prepared Testimony on behalf of National Fuel Gas Distribution Company, Case Nos. 28223 and 29409, September 1992 (with David M. Weinstein).

ARTICLES, REPORTS AND PRESENTATIONS

“The Power of Five Percent,” *The Electricity Journal*, October 2007 (with A. Faruqui, R. Hledik, and S. Newell).

“Review of PJM’s Market Power Mitigation Practices in Comparison to Other Organized Electricity Markets,” Report prepared for PJM Interconnection LLC, September 14, 2007 (with J. Reitzes, P. Fox-Penner and others).

“Restructuring Revisited: What We Can Learn from Retail Rate Increases in Restructured and Non-Restructured States,” *Public Utilities Fortnightly*, June 2007 (with G.N. Basheda and A.C. Schumacher).

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Innovative Regulatory Models to Address Environmental Compliance Costs in the Utility Industry, Newsletter of the American Bar Association, Section on Environment, Energy, and Resources, October 2005, pp. 3-6 (with Sam Newell).

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Association, 56th Annual Meeting, Washington, D.C., April 18, 2002 (with Carlos Lapuerta).

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“Does Intelsat Face Effective Competition,” Columbia Institute for Tele-Information, Conference, April 26, 1996, (with Hendrik S. Houthakker, Harvard University).

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“The Costs of Hydropower: Evidence on Learning-by-Doing, Economies of Scale, and Resource Constraints in Austria,” *International Journal of Energy Research*, Vol. 14, pp. 893-899, 1990 (with Franz Wirl).

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