#### JOHN A. ROSENKRANZ

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#### PROFESSIONAL EXPERIENCE

### North Side Energy, LLC, Acton, MA PRINCIPAL

2006 - Present

Consultant on natural gas market and regulatory issues. Recent projects include:

- Reviewed gas distribution company long term supply plans and cost of gas filings.
- Developed avoided natural gas cost estimates for a group of New England utilities and regulators.
- Advisor to the Ontario Power Authority on natural gas supply issues affecting power generators.
- Expert witness before the Ontario Energy Board on storage and transmission cost allocation issues.

# Calpine Corporation, Boston, MA DIRECTOR, GAS ORIGINATION

2000 - 2006

Developed and implemented fuel supply plans for gas-fired power plants in the Northeast U.S. and Eastern Canada. Negotiated and managed contracts with natural gas suppliers and transporters.

- Worked with industrial gas users, distribution companies and state agencies to intervene in a natural gas pipeline rate case, leading to over \$2 million in rate discounts for Maine gas consumers.
- Testified on the availability of natural gas supply and pipeline delivery capacity to support the permitting of a gas-fired power plant in Minnesota.
- Member of a commercial and legal team that obtained arbitration decisions enforcing long-term natural gas contracts with over \$50 million in mark-to-market value.

# PG&E Gas Transmission, Boston, MA and Portland, OR DIRECTOR, BUSINESS DEVELOPMENT

1997 - 1999

Identified and managed development projects and investment opportunities involving natural gas pipelines, underground storage and LNG peaking plants.

- Project manager for a \$1.2 million geologic testing program at a potential natural gas storage site.
- Owner representative and management committee member for the Iroquois Gas Transmission System and Portland Natural Gas Transmission System partnerships.

## J. Makowski Co. (acquired by U.S. Generating Company), Boston, MA MANAGER, PROJECT DEVELOPMENT

1992 - 1997

Supervised a team that provided project management and marketing support for natural gas pipeline and storage projects. Conducted regional gas market studies for internal projects and outside clients.

#### VICE PRESIDENT - EnerPro, Inc., Chicago, IL

1990 - 1992

Consultant to gas distribution companies during post-Order 636 restructuring. Helped clients define gas portfolio objectives, draft requests for proposals, evaluate suppliers, and negotiate long-term contracts.

### MANAGER, GAS MODELING GROUP - Planmetrics, Inc., Chicago, IL

1986 - 1990

Developed and implemented gas supply planning systems for gas distribution companies.

#### ADVISORY ECONOMIST - Chicago Board of Trade, Chicago, IL

1983 - 1986

Researched commodity markets for futures and options trading potential. Prepared a natural gas futures trading proposal that was submitted to the Commodity Futures Trading Commission.

#### **EDUCATION**

**Graduate study in Economics -** Northwestern University, Evanston, IL Completed all course and examination requirements for Ph.D.

Bachelor of Arts, Economics - George Washington University, Washington, DC

#### REGULATORY PROCEEDINGS

Union Gas Limited (OEB Case No. EB-2013-0365), June 2014. Evidence on transmission cost allocation issues in Union's 2014 rate case, on behalf of consumer intervenors.

Union Gas Limited (OEB Case No. EB-2011-0210), July 2012. Evidence on transmission and storage cost allocation in Union's 2013 rate case, on behalf of consumer intervenors.

UNS Gas, Inc. (ACC Docket No. G-04204A-11-0158), October 2011. Testimony on natural gas procurement review, on behalf of the Arizona Corporation Commission Utilities Division Staff.

Northern Utilities, Inc. (MPUC Docket No. 2011-92), August 2011. Testimony on pipeline rate case expenses and peaking facility cost allocation, on behalf of the Maine Public Advocate.

Union Gas Limited (OEB Case No. EB-2011-0038), July 2011. Report on the appropriate allocation of costs and margins between utility and non-utility storage operations, on behalf of consumer intervenors.

Portland Natural Gas Transmission (FERC Docket No. RP10-729), January 2011. Rebuttal testimony on market risk, on behalf of the Maine Public Advocate.

Natural Gas Market Review (OEB Case No. EB-2010-0199), September 2010. Evidence on regulatory initiatives to respond to changes in natural gas markets, on behalf of consumer intervenors.

Ontario Power Authority (OEB Case No. EB-2007-0707), May 2008. Report on the implications of the Integrated Power System Plan for the natural gas market, prepared for the Ontario Power Authority.

Maritimes & Northeast Pipeline (FERC Docket No. RP04-360), February 2005. Testimony on distance-based rates, on behalf of Calpine Corporation.

Mankato Energy Center (Minnesota Public Utilities Commission, Case IP-6345/CN-03-1884), 2004. Testimony on the availability of natural gas for power generation, on behalf of Mankato Energy Center.

Wisconsin Electric Power (Wisconsin Public Service Commission, Case 05-CE-130), 2003. Rebuttal testimony on the availability of natural gas for power generation, on behalf of Calpine Corporation.