

Doug Buresh, P.E. Senior Vice President

Career Summary

Doug Buresh is a Senior Vice President and co-lead of Ventyx Advisors. He provides industry analysis and insight in the areas of market price forecasting; portfolio management and risk management; integrated resource planning; emissions compliance; financial and business unit structuring; power marketing; energy trading; customer valuation; and strategic planning.

Mr. Buresh has more than 20 years of experience in the electric power industry. Prior to joining Ventyx, Mr. Buresh held management positions in the areas of resource planning, power marketing, and fuel procurement at Kansas City Power & Light and St. Joseph Light & Power.

Experience

- **Most recent expertise/projects at Ventyx**

- **Senior Vice President and co-lead, Advisors, Ventyx (2000-Present)**

Responsible for execution of projects and quality assurance/quality control of Advisors' consulting engagements and products.

Served as Project Executive or Principal Investigator for the following projects:

- 2000-2009 Empire District Integrated Resource Planning.
- 2008 Tucson Electric Integrated Resource Planning.
- Oklahoma Gas & Electric Combined Cycle Asset Valuation and Risk Assessment.
- Black Hills Portfolio Valuation and Risk Assessment.
- 2007-2009 Old Dominion Electric Cooperative Integrated Resource Planning.
- 2004-2008 Indianapolis Power & Light Integrated Resource Planning.
- Wisconsin Public Service Portfolio Valuation and Risk Assessment.
- Edison Electric Institute Federal/State Impact of Bingaman RPS Bill.
- National Grid Acquisition of KeySpan Due Diligence.
- 2002, 2005-2006 Aquila Integrated Resource Planning.
- Aquila Asset Valuation and Risk Assessment.
- Eastman Chemical Company Power and Fuel Market Assessment.
- PPL Power Market Assessment and Merchant Plant Valuation.
- Seattle City Light Pro Forma Financials and Risk Assessment.
- Salt River Project Power Market Assessment.
- Coalition for Competitive Power Markets Nationwide Study of Impact of Competitive Power Markets.
- 2004 PacifiCorp Integrated Resource Planning.
- Hoosier Energy Portfolio Risk Assessment.
- Ameren Clean Air Interstate Rule and Mercury MACT Rule Power Market Assessment.
- Great Plains Energy Merchant Power Plant Valuation.

Doug Buresh, P.E.
Senior Vice President

- TVA Power Market Assessment.
- Wisconsin Public Service Power Market Assessment.
- Constellation Energy Power Market Analysis and Risk Assessment.
- TXU Power Market Analysis and Risk Assessment.
- Duke Energy North America Power Market Analysis.
- Entergy Power Market Assessment.
- **Previous projects/consulting experience/expertise**
 - Manager-Resource Management and Deal Structuring, Kansas City Power & Light (1997-2000)**
 - Directed activities of Resource Management & Deal Structuring Business Unit.
 - Assessed market value and stranded cost exposure of KCPL's generation fleet at Business Unit level.
 - Provided pricing and risk assessment for retail and bulk power transactions.
 - Projected spot market clearing prices for pertinent regions within SPP, MAPP, MAIN and SERC.
 - Analyzed financial and physical risk management products such as forwards, weather derivatives, options, and unit outage insurance.
 - Served as chief investigator for Energy Trading Activities.
 - Consulted on retail and bulk power costing, pricing, and risk assessment.
 - Coordinated participation in EPRI forward curve project.
 - Served as presenter for company-wide risk management education program.
 - Developed valuation techniques for structured deals.
 - Designed and administered Energy Trading Incentive Compensation Program.
 - Director-Fuels, St. Joseph Light & Power (1990-1997)**

Held multiple positions during this time frame progressing in responsibility to Director.

 - Purchased coal, natural gas, and oil for electric and steam companies, and natural gas for gas distribution company.
 - Negotiated rail transportation contracts.
 - Developed fuel procurement strategy using risk management techniques.
 - Served as fuels expert on strategic planning teams.
 - Testified in electric, gas, and industrial steam rate cases.
 - Performed corporate modeling using MIDAS Gold® financial model; modeled company as Energy Supply, Transmission, Energy Delivery, Gas, Steam, and Unregulated Business Units.
 - Purchased and sold SO₂ emission allowances.
 - Served as Project Lead for supply side, integration, risk analysis, and implementation phases of integrated resource planning process.
 - Used decision analysis techniques such as decision trees, risk profiles, tornado charts and net present value to perform economic cost analysis.

Doug Buresh, P.E.
Senior Vice President

- Performed economic compliance analysis for Clean Air Act Amendments.
- Modeled electric and industrial steam production costs for rate case proceedings.
- Provided fuel and interchange forecasts using production cost models.
- Supervised System Operators in Supervisor's absence.

Education

M.S., Electric Engineering, Kansas State University, Manhattan, KS, 1997

M.B.A., Finance/Management, University of Nebraska, Lincoln, 1993

B.S., Electric Engineering, University of Nebraska, Lincoln, 1989