Erin P. Hogan

Professional History

Director **July 2014 to Present**
Utility Intervention Unit, Department of State **Albany, NY**

- Represents the interests of residential and small commercial consumers in policy proceedings and retail rate cases before the New York State Public Service Commission in water, gas, electricity, and telecommunications forums. Additionally represents the interests of small end-use consumers in the wholesale market at the New York Independent System Operators and before the Federal Energy Regulatory Commission. Supervises and assists staff and consultants in developing testimony; participating in settlement negotiations and various collaborative groups; and preparing briefs and other positions papers.

Senior Project Manager **January 2001 to July 2014**
New York State Energy Research and Development Authority **Albany, NY**

- Represented NYSERDA on the Energy Highway Blueprint Technical Working Group that strategized the actions of the Blueprint and assisted in the development of the report and update.

- Represented New York end-users in the Eastern Interconnection Planning Collaborative (EIPC). As an end-user caucus member, advocated points to protect New York's interests while maintaining objectivity based on knowledge of the electric system and experience with models. Served as Chair of the Modeling Working Group, and also served as a member of the Roll-Up Working Group. As Chair, responsibilities included utilizing leadership and technical skills to promote a strong collaborative process amongst group members to review modeling assumptions, data options, and make recommendations to the Steering Stakeholder Committee.

- Represented NYSERDA at the New York Independent System Operator (NYISO) market participants' committee meetings and at the New York State Reliability Council (NYSRC) meetings to monitor market rules, reliability rules, and operating rules of the bulk electric system. Responsibilities as NYSERDA's representative at these meetings included making decisions which represent the interests of the end-use customer. Served as Chair of the Inter-Regional Planning Task Force that oversaw NYISO tariff modifications for compliance with FERC Order 1000. Served as Chair of the NYSRC Installed Capacity Subcommittee that oversaw the modeling assumptions used in installed reserve margin study and the development of the report to the study.

- Served as Project Manager on the Transmission and Distribution Reliability Study required by statute. Based on technical expertise acquired over the years, coordinated and led a multi-agency study team in developing an inventory of reliability studies and data, assessed the current reliability, assessed the impacts of policy and future issues, and wrote the report.

- Successfully managed a $385,000 study that evaluated the ability of the natural gas system to meet the future electricity needs. This project involved reviewing data assumptions and input used in five natural gas and two electric system models. The findings of the study were included in the New York State Energy Plan in 2010. Due to this expertise, assisted the Department of Homeland Security and Emergency Services with contractor selection for an assessment of critical points on the natural gas system and assisted on developing criteria and ranking strategies.

- Performed electric system assessment studies utilizing the General Electric Multi Area Production Simulation (MAPS) model to simulate the day ahead electricity market to evaluate system impacts from policies under consideration. This process included defining simulation characteristics, interpreting output, designing summary tables, and documenting the results. Results have been included in past State Energy Plans, presented to the Governor's office, or other relevant parties.

Associate Analyst **February 2000 to December 2000**
Paradigm Capital Management, Inc. **Albany, NY**

- Developed and maintained proprietary sector ranking and financial forecasting models of small to mid-cap companies which were used to evaluate investment opportunities by senior financial analysts. Responsibilities included collecting information using equity research products, analyzing market research data, incorporating pertinent data into existing models, and developing new models.

Project Engineer **August 1991 to November 1998**
Metcalf & Eddy, Inc. **Laurel, MD and San Diego, CA**

- Project Manager for a $100,000 drinking water pilot study for the Los Angeles Department of Water and Power to demonstrate the arsenic removal capabilities of an enhanced settler. Prepared the project contracts, work plan, sampling schedule, and utilities layout; supervised the pilot study setup, chemical dosing variations, and sample collection. Developed four alternative site layouts with a design capacity of 52 to 600 million gallons per day, their probable construction costs of $40 to $150 million, and recommended the optimum alternative based on the system's effectiveness to meet regulations and overall cost per gallon treated; and administered the project's fiscal performance.

- Prepared an economic feasibility study for a 10-million gallons per day (MGD) water reclamation facility at a probable cost of $70 million. Identified potential users to quantify demand; identified regulatory requirements for reclaimed water and solids handling; and evaluated plant sites and treatment processes. Prepared cost estimates and operating costs for each alternative and developed recommendations based on a present value comparison.

- Prepared federal, state, and local permit applications for the construction and operation of the City of San Diego's Metropolitan Biosolids Center, a 150 tons per day sludge processing facility. Advised and directed the design team, including multiple subcontractors, on regulatory requirements that impacted and modified the design. Interfaced with the regulators and the client to resolve issues.

- Provided engineering services to NASA Greenbelt, Maryland. Prepared National Environmental Policy Act environmental resource documents and environmental assessments, National Priority List hazard ranking, and a stormwater management plan. Conducted remedial investigations and feasibility studies, environmental audits, site investigations, and rapid response investigations. Conducted a flood plain study using FEMA's computer modeling program to delineate the flood plain and prepared a report on potential impacts to NASA from constructing in the flood plain zone.

Junior Engineer **June 1990 to July 1991**
J.C. Anderson Associates **Mt. Laurel, NJ**

- Collected leachate and methane samples from operating landfill. Designed a storm water basin and inspected the construction of a landfill. Developed a landfill closure cost estimate.

Education
BS, Engineering, State University of New York at Syracuse University, College of Environmental Science and Forestry, December 1989.

MS, Management with a concentration in Power Engineering, Rensselaer Polytechnic Institute, Troy, NY, May 2007.

Registrations: New York State Professional Engineer.