Edmund P. Finamore, P.E.

SUMMARY

Mr. Finamore is Founder and President of Valutech Solutions Inc., a firm specializing in utility automation and smart metering/Smart Grid consulting. Mr. Finamore has over 35 years experience in consulting, utility management and automation. Mr. Finamore has focused on utility automation strategy, project implementation, product development, AMI vendor technology selection and contract negotiations. Mr. Finamore is a recognized authority on AMI system implementation.

For the past ten years, Mr. Finamore has focused on smart metering/Smart Grid planning and implementation. As President of Valutech Solutions, Mr. Finamore has participated in many large scale AMI projects including an industry leading fixed network AMI installation at Duquesne Light. Prior to forming Valutech Solutions, Mr. Finamore was Vice President- Marketing and Business Development for Telenetics Corporation.

DIRECTLY RELEVANT EXPERIENCE

A sample of representative experience which is directly relevant to this engagement includes:

- **Hydro-Quebec Phase I File –** Provided a written expert report and expert witness testimony for GRAME in connection with File R-3770-2011. The report and testimony addressed technical issues and project cost, and provided analysis and recommendations to the Board on AMI technology and LAD Project cost.

- **Commonwealth Edison** – Helped project team develop AMI implementation strategy and evaluate candidate AMI systems. Assisted project team in developing a sophisticated vendor scoring methodology used to evaluate vendor proposals.

- **City of Stillwater, Oklahoma -** Supported the City's planned water AMI installation and stimulus grant request. Resolved some difficult technical issues involving use of a new WiFi system for data backhaul, and finalized the contract pricing

Education

- University of Pittsburgh, B.S. Electrical Engineering 1973
- University of Pittsburgh, M.B.A., with concentration in Finance 1974
- Licensed Professional Engineer, Commonwealth of Pennsylvania

Areas of Expertise

- Utility Automation Project Management
- Smart Metering/Smart Grid Implementation
- AMI Technology Planning & Benefits Analysis

Prior Employment

- Duquesne Light company
- Telenetics Corporation
- Tensleep Technologies

for a network water AMI system. Completed negotiations within budget and satisfied the State of Oklahoma's requirements to qualify for the grant.

- **Office of Ohio Consumers Counsel** – Provided expert witness testimony in connection with two major rate case filings submitted by Duke Energy and AEP for Smart Grid systems. Provided analysis on technology options, benefits and costs using the McKinsey business model prescribed by the Ohio PUC.

- **City of Red Deer, Alberta** – Helped project team develop an AMI business plan, conduct technology review and prepare preliminary implementation plan. Demonstrated that a combined electric and water AMI system would produce the best rate of return.

- **City of Wyandotte, Michigan** – Provided AMI technology assessment, coordinate vendor selection process for a combined electric and water utility. Evaluated the potential for use of the City's fiber optic network for AMI applications.

- **Energy East** – Assisted EE project team in developing a business case and preliminary implementation plan in connection with a smart meter filing ordered by the NY Public Service commission. This project required development of an AMI implementation strategy and implementation plan to comply with an August 2006 Order by the NY PSC.

- **Piedmont Natural Gas** – Supported PNG's vendor selection process and assisted with contract negotiations for this gas utility. Proposed various installation strategies and helped negotiate maintenance, service and warranty agreements to ensure adequate protection during AMI operations.

- **City of Bowling Green, Ohio** – Evaluated existing partially deployed mobile AMR system, develop replacement strategy and coordinate transition to a network AMI system for this combined electric and water utility. Implement load control technology and prepare for implementing TOU rates.