CAREER BACKGROUND

Mayhew D. Seavey, Jr.
Principal Engineer
PLM

After receiving a BSEE degree with highest honor from the Power Systems Program at Northeastern University, Mr. Seavey joined a national consulting engineering firm. In four years of increasingly responsible experience, he worked in the areas of power supply planning and municipal revenue bond financing of generation facilities.

For the next five years Mr. Seavey worked as Manager of the Energy Services and Planning Department for a large municipal electric utility, where he was responsible for all aspects of power supply and demand planning. He negotiated numerous contracts for the purchase and sale of capacity and energy. His annual forecasts of demand and energy requirements have been accepted by the Massachusetts Energy Facilities Siting Council (MEFSC), which commented favorably on the integrated supply and demand planning methodology, which he developed and implemented. He developed automated procedures for reviewing and simulating ISO-NE billing calculations. He developed an innovative independent municipal conservation program that incorporates cost-effective demand side measures into the mandated audit program.

During his years at PLM, Mr. Seavey has assisted numerous clients in the areas of power supply planning, demand side management, rates, finance and strategic planning. He has analyzed and successfully negotiated contracts for short and long-term purchases of capacity and energy, resulting in significant savings to utility ratepayers. He provides ongoing services to help clients manage the risks associated with involvement in the ISO_NE markets, including the development and implementation of hedge strategies using the futures and options markets to manage the commodity risk of market energy prices. Mr. Seavey has developed numerous analytical and presentation tools that help clients better understand the costs and risks of their current power supply portfolio and evaluate alternatives.

He has developed innovative retail rate designs to encourage economic development and prevent the loss of large customers, as well as simplifying existing rate structures to make them easier to understand and administer. He has specialized in the functional unbundling of retail rates to provide greater clarity in accounting for utility costs and revenues as well as sending accurate price signals to their customers. He has examined the feasibility of direct load control, interruptible loads and the installation of peaking generation as means of controlling peak demand and improving system economics. In recent years he has developed innovative approaches to metering and billing distributed renewable generation to ensure that existing customers are not harmed financially while still sending an appropriate price signal to those customers who desire to generate their own renewable power.

Over the past 30 years Mr. Seavey has designed retail rates for more than half of the public power utilities in New England.

Mr. Seavey has provided expert testimony before the MEFSC, the Massachusetts Department of Public Utilities, the New Hampshire Public Utilities Commission and the Federal Energy Regulatory Commission. His intimate knowledge of the operation of the ISO-NE market and its billing rules has proven invaluable to a variety of clients including both utilities and independent power producers.