

Education

- *Masters of Business Administration, University of New Mexico*
- *B.S., Mechanical Engineering, University of Texas, Austin*

Expertise

- *Utility Industry Computer Modeling*
- *Regulatory Support and Analysis*
- *Utility Industry Technical Assessments*

Recent Selected Projects

- *Development of Inter-state Allocation of Electric Utility Costs*
- *Investigation of Wholesale Purchasing Strategy of Western Electric Utility*
- *Assessment of Electric Utility Company Retail/Wholesale Activity*
- *Analysis of Electric Utility Avoided Energy Costs*
- *Development of Interruptible Electric Tariffs*

NEAL TOWNSEND

Senior Consultant



Mr. Townsend joined Energy Strategies in 2001. Mr. Townsend supports the company's consulting efforts on both regulatory matters and client strategic market assessments. In this capacity, he provides technical assessments of various energy issues, and develops and reviews computer models used to evaluate electric and natural gas matters on behalf of Energy Strategies' clients.

Among the various projects on which he has participated, Mr. Townsend has investigated inter-state cost allocation across multiple jurisdictional entities served by a single electric utility, cost allocation across various customer classes of electric and natural gas utilities, modeling used to estimate and simulate an electric utility's variable power costs, development of avoided and marginal cost studies, and electric utility resource planning. Mr. Townsend's research and analyses has supported the firm's business activities in Arizona, Idaho, Michigan, Nevada, Oregon, South Carolina, Texas, Utah and Wyoming.

Prior to joining Energy Strategies, Mr. Townsend was a Utility Rate Analyst with the State of Utah, Division of Public Utilities from 1997 to 2001. In this position, he performed numerous analyses and investigations of electricity and natural gas issues requiring regulatory oversight. Mr. Townsend was responsible for operation of various computer models used by the Division of Public Utilities in the course of its investigations. He also provided written and oral testimony before the Public Service Commission of Utah.

Mr. Townsend also worked for a consulting petroleum engineering firm that provided economic and technical assessments of producing oil and gas wells and drilling prospects. In addition, Mr. Townsend was employed by a major aerospace manufacturing firm supporting corporate marketing efforts and providing engineering expertise for the solid-fuel rockets used on NASA's Space Shuttle Program.