

RBAC Inc.

Energy Industry Forecasting Systems

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Frederic Murphy is professor emeritus, Fox School of Business, Temple University, where he taught for 30 years. He is currently a Senior Visiting Research fellow at the King Abdullah Petroleum Studies and Research Center where he is participating in the development of energy models and writing policy analyses in a range of areas, including domestic energy use in Saudi Arabia, market power in world oil markets, and China's energy economy. He works mainly in the area of energy-market forecasting and energy policy analysis.

Prior to joining Temple, he was at the Energy Information Administration and its predecessor, the Federal Energy Administration, where he headed the group that did the economic impact analyses of the bills and laws passed during the Carter administration and developed and ran the forecasting models then used for policy analyses and the forecasts in the EIA Annual Report.

He has authored over 100 refereed articles. He was the editor in chief of the journal *Interfaces*, an area editor for *Operations Research*, and the *INFORMS Journal on computing*, and the Vice President of Publications for *INFORMS* and its predecessor society, *Operations Research Society of America*.

He has been involved in studying local economic policy issues, including advising the Tax Reform Commission of the City of Philadelphia, estimating the impact on jobs of building casinos in Philadelphia, and political redistricting. He has a B.A. in mathematics and a Ph.D. in operations research from Yale University.