

## EDUCATION ●

Master of Business Administration, Finance, Auburn University, 2006

Bachelor of Science in Industrial Engineering, Cooperative Program, With Highest Honors, Georgia Institute of Technology, 2000

## PROFESSIONAL CERTIFICATIONS ●

Registered Professional Engineer (PE) *in the state of Georgia*

## PROFESSIONAL MEMBERSHIPS ●

American Statistical Association (ASA)

## PROFESSIONAL EXPERIENCE ●

**GDS Associates, Inc.**, Marietta, Georgia, 1996 - Present

Jacob is a Principal at GDS Associates, working in our Distribution Services department. He has over twenty-five years of experience in data analytics and financial consulting, including load forecasting, load research, economic impact analysis, DSM impact evaluation, demand response potential analysis, financial forecasting, and retail and wholesale cost of service and rate design. Mr. Thomas develops load forecasts and designs rates for public power entities including municipal and cooperative utilities. He has also performed market research, load forecasting, and demand response market potential analysis on behalf of Investor Owned Utilities. Jacob has also been an expert witness or has been a subject matter expert working on behalf of various intervenors and public agencies in several states.

## PUBLICATIONS ●

- *Smart Grid Application Guide: Integrating Facilities with the Electric Grid*. American Society of Heating, Refrigeration and Air-Conditioning Engineers.
- *Distributed Energy Generation Compensation and Cost Recovery Guide*. National Rural Electric Cooperative Association.
- *AMP Focus Forward Member Toolkit: Preparing for Distributed Energy Future*. American Public Power.
- "Residential Behavioral Program Persistence Effects in Pennsylvania." *Summer Study on Energy Efficiency in Buildings*. 2016. American Council for an Energy-Efficient Economy.

## REGULATORY EXPERIENCE ●

- **Delaware Public Service Commission**  
Docket No. 07-20 – Review of Delmarva Power & Light IRP Filing. GDS worked on behalf of the Division of the Public Advocate. Mr. Thomas was a joint author of a report provided to the Public Advocate.
- **Georgia Public Service Commission**  
Docket No. 44160/44161 – Georgia Power Company's Integrated Resource Plan. GDS worked on behalf of the Public Service Commission staff. Mr. Thomas provided testimony regarding GPC's load forecast.
- **Indiana Utility Regulatory Commission**  
Cause No. 44967 – Indiana Michigan Power Company retail rate filing. GDS worked on behalf of a Joint Municipal party. Mr. Thomas reviewed the Cost of Service Study and filed expert testimony and cross-answering testimony.
- **Maryland Public Service Commission**  
Case No. 9695 – Potomac Edison Company retail rate filing. GDS worked on behalf of the Office of the People's Council. Mr. Thomas filed testimony in the areas of cost of service and retail rate design.
- **Michigan Public Service Commission**  
Case No. U-15701 – Michigan Consolidated Gas Company for approval of Gas Recovery Plan. GDS worked on behalf of the Attorney General of the State of Michigan. Mr. Thomas filed direct testimony in the area of weather normalization of gas sales.
- **North Carolina Utilities Commission**  
Docket No. E-22 Sub 532 and Sub 546 – Dominion North Carolina Power retail rate case. GDS worked on behalf of Nucor Steel – Hertford. Mr. Thomas filed expert testimony discussing Cost of Service modeling.

- **North Dakota Public Service Commission**  
Case No. PU-16-666 – Montana-Dakota Utilities retail rate case. GDS worked on behalf of the Public Service Commission Advocacy Staff. Mr. Thomas filed direct testimony touching on the areas of load research, cost of service, and retail rate design
- **South Carolina Public Service Commission**  
Docket No. 2023-154-E – South Carolina Public Service Authority (Santee Cooper) Integrated Resource Plan. GDS worked on behalf of Santee Cooper. Mr. Thomas filed testimony supporting Santee Cooper’s load forecast.
- **Utah Public Service Commission**  
Various IRP and Retail Rate Cases filed by Rocky Mountain Power – In 2007-2015, GDS provided services on behalf of the Utah Office of Consumer Services in reviewing and commenting on IRP and retail rate cases filed by RMP. GDS prepared summary reports for the OCS. Mr. Thomas focused on review of load research and load forecasts with respect to these cases.  
Docket No. 16-035-36 – Application by Rocky Mountain Power to Implement Programs Authorized by the Sustainable Transportation and Energy Plan Act. GDS worked on behalf of the Utah Office of Consumer Services. Mr. Thomas filed expert testimony in the area of load research design.
- **Vermont Public Service Board**  
Docket No. 7440 – Petition of Entergy Vermont Yankee for Certificates of Public Good. GDS worked on behalf of the Department of Public Service. Mr. Thomas filed expert testimony analyzing the economic benefits to Vermont of the continued operation of the Vermont Yankee Nuclear facility.  
Case No. 18-0974-TF – Tariff Filing of Green Mountain Power Corporation. GDS worked on behalf of the Department of Public Service. Mr. Thomas filed expert testimony evaluating revenue requirements impacts of the Department’s positions on all issues.  
Case No. 21-089-TF – Tariff Filing of Vermont Gas Systems, Inc. GDS worked on behalf of the Department of Public Service. Mr. Thomas filed expert testimony in the area of revenue requirements.  
Case No. 21-307-PET/22-0175-INV – Multi-Year Rate Plan Filing of Green Mountain Power Corporation. GDS worked on behalf of the Department of Public Service. Mr. Thomas filed expert testimony related to cost of service.