

## HANS LEONARD

BRG

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### SUMMARY

Hans Leonard, PhD, is a director in BRG's Energy & Climate practice and has extensive experience in competitive wholesale energy markets and regulated utilities. During his six years at the Federal Energy Regulatory Commission (FERC), he directed interdisciplinary case teams in the Office of Administrative Litigation through all phases of settlement and litigation—from data analysis and economic modeling to the preparation of written expert testimony and live cross-examination. He has advised and led complex matters involving market design, anticompetitive behavior, pricing efficiency, tariff interpretation, cost allocation, and damages modeling.

Dr. Leonard's expertise spans industrial organization, applied microeconomics, econometric and statistical modeling, and causal inference across electric power, natural gas, and petroleum transportation sectors. He has developed and implemented models to analyze market behavior, evaluate costs and benefits, and estimate damages in disputes involving alleged illicit bidding, dispatch and pricing algorithm malfunctions, early infrastructure retirements, imprudent utility management, transmission investment decisions, tariff compliance, and rate design. He has submitted expert testimony on issues before FERC including cost allocation, customer termination fees, damages, and price effects. He has provided expert support in numerous settlements among utilities, customers, and regulators. In settlement environments, he helps parties understand the technical and policy implications of FERC precedent to support informed, durable resolutions.

Dr. Leonard complements his analytical work with deep experience managing and interpreting large-scale datasets. Before entering the regulatory field, he contributed to early applied natural language processing research funded by the US Department of Defense. He is adept at synthesizing complex quantitative findings into clear, accessible insights for legal, regulatory, and industry audiences.

### EDUCATION

Ph.D., Political Science

University of Rochester, 2020

B.A., Economics

William and Mary, 2008

### PREVIOUS POSITIONS

2020-2025, Economist, Federal Energy Regulatory Commission's Office of Administrative Litigation

2008-2014, Data Scientist, Strategic Analysis Enterprises Incorporated

## PROFESSIONAL EXPERIENCE

### Expert Testimony and Regulatory Experience

- **Michigan Public Power Association, 2025.** Provided expert support on a dispute before FERC over the meaning of “use rights” in a transmission service agreement.
- **Wisconsin Electric Power Company, 2025.** Provided expert settlement support on a protested rate application which included allegations that a power plant was imprudently retired early.
- **Dynegy Marketing and Trade LLC, 2025.** Provided expert support on an FPA section 206 complaint alleging manipulation of MISO’s 2016 capacity market auction.
- **Pacific Gas & Electric Wholesale Distribution, 2025.** Provided expert support for a wholesale rate case wherein customers protested the company’s cost-allocation methodology.
- **California Long Term Contracts, 2025 & 2021.** Supported expert testimony on Long Run Marginal Cost (LRMC) analysis pertaining to disputed long-term power contracts executed during the California energy crisis.
- **Southwest Electric Power Company, 2025.** Provided expert settlement support on a protested rate application which included allegations that a power plant was imprudently retired early.
- **Canal Marketing, 2025.** Supported a settlement regarding generator non-performance with respect to a New England ISO reliability incentive.
- **System Energy Resources, Inc., (Entergy) Testimony, 2024.** Testified before FERC on market-wide price effects and associated customer damages caused by negligent forced outages at a nuclear power plant.
- **Colonial Pipeline Company, 2024.** Supported testimony on disputed petroleum storage and in-transit rate design.
- **Northwest Gas Transmission LLC, 2024.** Supported rate design analysis of a protested interstate gas transmission tariff application.
- **Black Hills Colorado Electric, 2024.** Provided expert settlement support on a formula rate Open Access Transmission Tariff (OATT) application.
- **Florida Gas Transmission LLC, 2023.** Provided internal expert support during technical discussions over challenges surrounding the transportation of landfill-sourced natural gas.
- **Pacific Gas & Electric Secondary Threshold, 2023.** Provided expert support on a wholesale distribution service tariff complaint alleging undue discrimination.
- **New York ISO, 2023.** Provided expert support on a rate case involving changes to NYISO’s Open Access Transmission Tariff associated with New York’s AC Transmission Public Policy Project.
- **Niagara Mohawk Power Corporation, 2023.** Supported settlement involving the recovery of costs associated with New York’s AC Transmission Public Policy Project.
- **Pacific Gas & Electric Wholesale Distribution Testimony, 2023.** Testified before FERC on the assignment and allocation of distribution infrastructure costs between wholesale and retail customers in accordance with cost causation principles.

- **CTIA**, 2023. Supported settlement of a dispute over power supply to a Distributed Antenna System (DAS).
- **Tri-State G&T Association Testimony**, 2022. Testified before FERC on the proper rate design for returning patronage capital to members departing from an electric cooperative.
- **Southwest Power Pool**, 2022. Supported settlement of a Locational Marginal Pricing (LMP) overcharge dispute.
- **PJM Interconnection Administrative Costs**, 2021. Provided expert support on a protested methodology for recovering administrative costs under PJM's Open Access Transmission Tariff.
- **Energy Producers and Users Coalition**, 2021. Provided expert support on a settlement regarding a protested methodology for allocating power distribution costs to standby customers of Pacific Gas and Electric, (PG&E).
- **Columbia Gas Transmission LLC**, 2021. Supported cost allocation and rate design analysis for settlement of a protested interstate gas transmission tariff application.
- **American Transmission System, Inc.**, 2020. Expert support on a settlement over the costs of an RTO realignment.

## PROFESSIONAL AFFILIATIONS

Energy Bar Association