

**Christopher L. Ring**  
Associate Director

## Christopher L. Ring

### Navigant Economics

1200 19th Street NW, Suite 700  
Washington, DC 20036  
Direct: 202.481.8317

chris.ring@navigant.com

### Professional History

- Associate, LECG, 2008-2011
- Energy Research Intern, SNL Financial, Summer 2007
- Intern, Davenport & Company LLC, Summer 2006
- Intern, Aegis Environmental, Inc., Summer 2005

### Education

- M.S., Applied Economics, Johns Hopkins University
- B.S., Commerce, University of Virginia

### Summary

Chris Ring is an Associate Director at Navigant. Mr. Ring has assisted experts analyzing economic issues related to commercial disputes and regulatory proceedings since 2008. He supports experts in these engagements through leading the coordination of case teams, developing written expert testimony, and supporting expert witnesses in live hearings. He also frequently conducts economic damages analyses, market analyses, and competition analyses.

Mr. Ring's work has encompassed energy, transportation, and a variety of other industries. He frequently supports experts in their work on antitrust matters in the context of commercial disputes litigation. Mr. Ring has also conducted market and competition analysis related to the transportation of crude oil and refined petroleum products as well as wholesale power markets in support of market-based-rate filings at the Federal Energy Regulatory Commission. Additionally, he has conducted economic analyses in the context of litigation in state and federal courts, as well as arbitration proceedings.

### Commercial Disputes and Antitrust Experience

Mr. Ring frequently assists in work on commercial disputes, including cases that involve an antitrust component. Such matters include litigation of claims regarding anticompetitive actions and class-action litigation related to price fixing claims. His roles in these engagements include leading teams in performing market analyses and economic research, independently performing economic analyses, and writing and editing testimony. Mr. Ring also frequently analyzes commercial disputes involving alleged breach of contract, labor discrimination, economic damages, and patent infringement. He

has worked on engagements in a wide variety of industries including energy, auto parts, and computer parts, among others.

### Energy Industry Experience

Mr. Ring has supported experts testifying in commercial disputes and regulatory proceedings within the oil and gas industry. He has experience with disputes involving crude oil, natural gas, and refined products and transportation of these products, among other types of disputes. In supporting these engagements, he leads the coordination of case teams and report development. His work includes economic analysis of the product and geographic markets within the oil and gas sector, addressing market supply, demand, and pricing as well as quantification of economic damages and valuations analyses. He has conducted numerous competition analyses of crude oil and refined product pipelines including relative competition from rail transportation delivery. Mr. Ring's experience extends to the review of merger approvals by federal and state governments in the pipeline and electricity industries. Similarly, Mr. Ring has supported experts testifying on matters related to competition within wholesale electricity markets, including commercial disputes, market-based rate matters, and regulatory proceedings regarding mergers and acquisitions.

## Publications

- "Early Lessons From The DOJ Auto Parts Investigation," with Jon Tomlin, Law360, July 7, 2017.

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- “Let’s Keep Electricity Markets Working for Albertans,” with Cliff Hamal, Commissioned by the Coal Transition Coalition, Alberta Federation of Labour, November 2016.
- “Effects of Rising Demand for Energy Infrastructure Development on Labor, Other Resources, and the Economy,” with Julie Carey and Rebekah Hannif-Ali, November 2015, available at [http://www.navigant.com/~media/WWW/Site/Insights/Construction/2015/CON\\_EffectsOfRisingDemandForEnergy2\\_TL\\_1115.ashx](http://www.navigant.com/~media/WWW/Site/Insights/Construction/2015/CON_EffectsOfRisingDemandForEnergy2_TL_1115.ashx).
- “The Unconventional Path for Domestic Crude Oil and Natural Gas Resources,” with Julie M. Carey, Dialogue, Volume 20, Number 3, United States Association for Energy Economics, available at [http://dialogue.usaee.org/index.php?option=com\\_content&view=article&id=195:the-unconventional-path-for-domestic-crude-oil-and-natural-gas-resources&catid=54:volume-20-number-3&Itemid=751](http://dialogue.usaee.org/index.php?option=com_content&view=article&id=195:the-unconventional-path-for-domestic-crude-oil-and-natural-gas-resources&catid=54:volume-20-number-3&Itemid=751).
- “Spent Nuclear Fuel Management: How centralized interim storage can expand options and reduce costs,” with Cliff W. Hamal and Julie M. Carey, Study conducted for the Blue Ribbon Commission on America’s Nuclear Future, 2011.
- Meeting the Challenge of Spent Fuel in Decommissioned Storage, Presentation to Blue Ribbon Commission on America’s Nuclear Future, with Julie Carey and Cliff Hamal, January 3, 2011.

## Selected Project Experience

2017-2018	Analyzed market behavior in an analysis of alleged anti-competitive activity in the automotive industry.
2015-2018	Analyzed econometric model and expert testimony that investigated claims of potential racial discrimination in the assignment of tasks in the package delivery industry.
2017	Analyzed potential overcharges due to an alleged price-fixing conspiracy in the optical disk drive industry.
2016	Evaluated potential damages related to alleged anti-competitive actions of boxing managers and promoters.
Multiple projects, 2010-2016	Analyzed competitive conditions in the market for transportation of crude oil and refined petroleum products in support of various pipelines’ market-based-rate filings at the Federal Energy Regulatory Commission.
2015-2016	Analyzed competitive conditions in the market for transportation of natural gas in the context of a merger of two natural gas pipelines which was evaluated by the Federal Trade Commission.
Multiple projects 2009-2015	Gathered and analyzed electricity data, including load, capacity, outage, purchase and sales data, for electric utilities’ market-based-rate filings at the Federal Energy Regulatory Commission.
2015	Analyzed econometric model estimating diminished value in vehicles that had been in accidents in the context of a class action lawsuit against an insurance company.



Multiple projects 2009-2014	Analyzed potential damages owed to First Nations due to power generation activities in Ontario.
2013-2014	Analyzed damages caused by the alleged breach of contract.
2013	Evaluated potential damages related to the alleged fraudulent solicitation of investments in certain unconventional natural gas resources.
2013	Evaluated potential damages related to the alleged breach of contract related to the purchasing of silane gas (an essential material in the production of certain photovoltaic material, semiconductors, and LCD displays).
2012	Analyzed the value of a power contract related to a geothermal power plant in Iceland.
2012	Analyzed market power issues involving pipeline movements and rail competition in Western Canada related to a company's application for permission to charge market-based rates.
2011-2012	Analyzed market power-related issues raised by the merger of two large electric utilities in the eastern U.S.
2010	Analyzed the appropriateness of potential changes to a pipeline system's depreciation scheme.
2010	Researched and analyzed the effects, in terms of costs per benefit, of numerous clean energy initiatives.
2009-2010	Analyzed light-duty auto sales and vehicle carbon footprints to project the economic and environmental effects of a potential feebate system for new auto sales.
2009	Valued of nationalized oil fields via a comparables analysis of prior oil field transactions.
2009	Analyzed power sales agreements and remarketing agreements in order to evaluate market conditions in the direct service industry.