

JULIE M. CAREY

DIRECTOR

Julie M. Carey is a Director in NERA's Energy, Environment, Communications and Infrastructure practice. She has substantial experience as an energy economist, providing expert evidence in energy related commercial and regulatory disputes, as well as international arbitrations and other economic consulting services. She has more than 20 years of experience addressing economic issues in power, oil and gas, coal, renewables, pipelines, and railroads sectors.

Ms. Carey's expertise includes economic analyses of market dynamics (supply, demand and pricing) as well as competition, claims of market manipulation and anticompetitive behavior, and regulatory economics. Ms. Carey also has experience conducting macroeconomic modeling (i.e. jobs, GDP, taxes) and environmental analysis (e.g., greenhouse gases and other types of emissions) and macroeconomic modeling (i.e., jobs, GDP, taxes) to study the impact of energy infrastructure construction and operations on the economy and for other purposes. Ms. Carey frequently employs statistical and econometric analyses.

Ms. Carey also has substantial experience with economic damages (historical and future lost profit analyses) and conducts asset valuation analyses. She has assessed and quantified economic damages and valuations in dozens of cases. She has completed this work in breach of contract, antitrust, class action and other types of disputes.

Ms. Carey frequently provides expert evidence before U.S. and Canadian regulatory agencies, U.S. courts, and before international arbitration tribunals. Julie completed doctoral studies program coursework and holds an M.A. Economics from the Pennsylvania State University.

In addition to her expert consultancies, Ms. Carey is also an adjunct professor at Georgetown University where she teaches a graduate level course in energy economics.

EDUCATION

Pennsylvania State University

Doctoral Studies Program Coursework/M.A., Economics, 1993

Allegheny College

Bachelor of Science, Economics, 1991

PROFESSIONAL EXPERIENCE

2017-present **NERA Economic Consulting** - Director

2016-present	Georgetown University (Washington, DC) - Adjunct Professor
2011-2017	Navigant Consulting, Inc. (Washington, DC) - Director
2004-2010	LECG, Inc. (Washington, DC) - Principal
2000-2004	FTI Consulting, Inc. (Washington, DC) - Director, Manager
1996-2000	LECG, Inc. (Washington, DC) - Economist, Senior Associate, Associate
1994-1996	American Public Power Association (Washington, DC) - Research Analyst

CERTIFICATIONS, MEMBERSHIPS, AND AWARDS

International Association for Energy Economists

U.S. Association for Energy Economists

SELECTED PROJECT EXPERIENCE

Electricity Industry

Ms. Carey provides expert consulting and testifying services in commercial disputes and regulatory proceedings addressing electricity industry issues. Within commercial disputes she has been involved in claims of breach of contracts, partnership disputes, delayed plant operations, diminished value claims, replacement power, antitrust and manipulation claims, EPA clean air act, among others. Within regulatory proceedings she has been involved in matters evaluating potential impact on competition for regulatory approval of mergers and acquisitions, market-based rate authority, proposed energy infrastructure projects and evaluations of energy manipulation claims and market rules and market design features of wholesale power markets. Her work often includes economic analysis of energy, capacity and ancillary services within wholesale power markets, competition, damages, valuation, energy contracts, environmental, macroeconomic and other issues. A few examples include:

- Expert testimony in matters related to competition within wholesale electricity markets, such as market power screens and delivered price test analyses for regulatory approval of mergers and acquisitions and market-based rate authority. Within this work, she analyzes product and geographic markets, including assessments of transmission constraints. The economic analysis includes evaluation of delivered fuel costs and operational characteristics of power plants (seasonal capabilities, short run marginal costs, efficiency rates, etc.).
- Expert consulting and economic damages analyses in a dispute regarding the failed performance of a steam generator turbine within an arbitration. This work included evaluation of economic damages, and economic theory and calculation of damages under benefit of the bargain and rescission damages theories as well as evaluation of long term forecasts of economic performance and of replacement power purchases.
- Expert consulting regarding economic and environmental analysis to assist a Midwestern utility regarding a clean energy state legislation policy proposal. This work included economic analysis of electric vehicle incentives, economic and environmental benefits, and impact on customer rates.

- Expert consulting analyzing economic and environmental analysis of the GHG impact from the construction and operation of a new coal terminal export facility and downstream power markets for regulatory approval.
- Expert testimony regarding the economics of a power purchase agreement and evaluation of the claim of economic damages (past and future) associated with the alleged breach of a contract. This work included analysis of the appropriate economic theory of damages.
- Expert report analyzing the economic impact (GDP, jobs etc.) from constructing and operating a proposed power plant and evaluating the potential impact on competition.
- Expert testimony regarding the impact of a proposed market rule regarding the transmission allocation among market participants, incentives for new entry and an economic efficiency and potential market power within the wholesale electricity market.
- Retained testifying expert in an investigation involving claims of market manipulation of wholesale power markets to evaluate of the energy companies' economic behavior, including economic purpose of the transactions and the reasonableness of the prices reflective of market outcomes.
- Consulting expert analysis in a Clean Air Act dispute between a utility and the EPA involving a coal-fired power plant's numerous power plant modifications. The work included the impact of increasing market demand on power plant emissions as a consideration to whether the utility violated the EPA rules.
- Expert consulting regarding proposed market rules for capacity markets, including an evaluation of economic incentives and implications for market power.
- Expert consulting to evaluate the asset valuations of numerous natural gas-fired power plants, including long term forecasts of market prices, revenues and costs, cost of capital, and the development of a discounted cash flow analysis.
- Expert consulting regarding and asset valuation analyses of coal and nuclear power facilities and potential diminished value of asset sale as a result of spent nuclear fuel waste liability associated with a nuclear power plant.
- Expert quantifying economic damages associated with replacement power costs associated with a jointly owned nuclear generating unit that was out of service for an extended period of time. Completed statistical analysis of the market price effect resulting from the outage.
- Expert consulting regarding economic analysis of an energy buyback agreement for an aluminum smelter associated with an asset sale and a dispute in bankruptcy court litigation and economic analysis associated with breach of fiduciary duties.
- Expert consulting in a commercial dispute with a Qui Tam claim regarding financial and economic analysis of coal fired plants, including economic damages and regulatory and ratemaking aspects.
- Expert consulting in a commercial dispute regarding ancillary services obligations, pricing of services and economic damages associated with a hydroelectric power contract in the Pacific Northwest U.S. region.
- Expert consulting to quantify the asset valuations of a substantial portfolio of electricity generation plants, including coal, nuclear, natural gas and renewable assets in the Northeastern U.S. This assignment was used to aid the client in business decision making during an evolving market and regulatory climate. This work included the development of long term forecasts of market prices, revenues and costs, cost of capital, and the development of a discounted cash flow analysis.

- Consulting expert work on economic damages/valuation analysis associated with ownership agreements and a power agreement for the power plant, owned by an independent power producer, located in Central America for a commercial litigation that resulted from a claim of breach of fiduciary duty.
- Numerous expert reports regarding power plant performance, forecasts of new electric generating capacity and fuel supply projections.
- Numerous consulting assignments revaluating forecasted energy and fuel prices for reliance by debt rating agencies.

Renewable Industry

Ms. Carey frequently provides expert consulting and testifying services in commercial disputes and regulatory proceedings involving the renewable energy industry. Within commercial disputes she has been involved in claims of breach of contracts, antitrust and bankruptcy claims. Before regulators Ms. Carey has evaluated the potential impact on competition for approval of market-based rate authority. Her work often includes analysis of energy markets (supply, demand, and pricing), competition, damages, valuation, energy contracts, environmental, macroeconomic and other issues. A few examples include:

- Expert testimony on economic damages in a dispute involving a power purchase agreement for geothermal power with an aluminum manufacturer in an international arbitration.
- Expert report in an international arbitration providing an analysis of the solar panel market, reasonableness of market prices and the market value of solar power products.
- Expert consulting regarding antitrust claims regarding the solar panel manufacturing industry. This work included economic analysis of the potential anticompetitive behavior and a valuation analysis of a solar panel company, including the development of a discounted cash flow analysis analyzing the future cash flows and net present value of the enterprise.
- Expert report in a bankruptcy court proceeding regarding the outlook for silane gas and the thin film solar market and past and future economic damages associated with the failure to fulfill a take or pay contract obligation.
- Expert consulting regarding the reasonableness of contract prices in wind power purchase agreement for regulatory approval.
- Expert consulting regarding economic damages with respect to delayed operations of a polysilicon and silane gas manufacturing plants and effect on solar module sales.
- An evaluation of economic and environmental benefits of the construction and operation of low carbon emitting energy infrastructure, including power generation facilities, such as renewables, nuclear, natural gas, coal CCS, as well as shale gas development for a major global manufacturer for use as policy advocacy.
- Expert consulting regarding economics of power purchase agreements for renewable power and ancillary services.
- Expert reports in numerous cases regarding the unique economics and operational aspects of wind, solar, geothermal, and hydro power supply within competition analysis for wholesale power markets.
- Expert consulting regarding the economic impact (GDP, jobs, taxes etc.) and environmental analyses from constructing and operating renewable energy facilities.

Oil and Gas Industry

Ms. Carey provides expert consulting and testifying services in commercial disputes and regulatory proceedings involving oil and gas industry issues. Within commercial disputes she has been involved in claims of breach of product and transportation contract, other commercial disputes involving antitrust and manipulation operational, environmental, and bankruptcy claims. Before U.S. and Canadian regulators Ms. Carey has evaluated the potential impact on competition for approval of market-based rate authority, negotiated rates, proposed energy infrastructure projects and evaluations of energy manipulation claims. Her work often includes analysis of energy markets, competition, damages, valuation, energy contracts, macroeconomic and other issues. A few examples include:

- Expert report regarding past and future economic damages and economics of the product market, supply, demand and pricing in a chemical product contract dispute before a bankruptcy court.
- Retained testifying expert to conduct economic analysis of crude oil markets, pricing and alternative transportation economics (rail, truck, waterborne and pipeline) in a crude oil contract dispute.
- Expert consulting assisting the Canadian Competition Bureau in an investigation of potential energy market manipulation within the natural gas liquids product markets and price spikes. This work includes market analysis and econometric analysis to evaluate whether the actual market prices reflect competitive market prices (i.e. consistent with supply, demand, prices and constraints etc.) or if manipulative or anticompetitive behavior occurred. The CCB concluded that market forces caused the price spikes.
- Expert consulting in a FERC investigation into the reasonableness of market prices paid for natural gas made during the 2013/2014 winter, often referred to as the polar vortex.
- Expert consulting in numerous disputes/investigations involving claims of market manipulation and anticompetitive behavior within natural gas product markets. This work included evaluating of economic purpose of natural gas product trades as well as economic analysis to evaluate whether the market prices reflect competitive market prices (i.e. consistent with supply, demand, prices and constraints etc.).
- Expert analysis for numerous regulatory filings conducting economic impact assessments of constructing and operating proposed oil and gas pipeline project.
- Evaluation and economic analysis of the potential effects of EPA gasoline sulfur content regulations (Tier 3) on U.S. retail gasoline prices, macro-economic impacts, sulfur reduction and other benefits.
- Expert consulting providing economic analysis of the competitiveness of crude oil transportation market in Western Canada to evaluate competition within pipeline markets. This work also included economic analysis of the negotiations process and negotiated rates for new transportation contract sales to determine if the process was competitive and the rates were consistent with fair market value prices.
- Expert testimony in numerous cases regarding delivered fuel cost and economics of natural gas, crude oil and refined products to downstream energy markets and evaluation of competition.
- Expert consulting in numerous cases to evaluate competition for transportation of crude oil and refined products throughout the U.S. and Canada and the reasonableness of negotiated and market-based rates.

- Expert consulting in a refined product contract dispute involving economic analysis of crude oil and refined product markets and rail, truck, and pipeline transportation economics and economic damages.
- Expert consulting and economic analyses of price formation/separation of crude oil price indices for energy contract dispute.
- Expert consulting in a natural gas tolling contract dispute conducting an economic analysis of natural gas markets and an analysis of past and the future economic damages. Expert consulting to evaluate the asset valuations of numerous natural gas-fired power plants, including long term forecasts of market prices, revenues and costs, cost of capital, and the development of a discounted cash flow analysis in a commercial arbitration. This work included a probabilistic analysis using monte carlo simulations to forecast cash flows under different financial and operational conditions.
- Expert consulting in a refined product transportation contract dispute involving economic analysis rail, truck, and pipeline transportation economics.
- Expert consulting and economic analyses of price formation/separation of crude oil price indices for energy contract dispute.
- Consulting expert on the reasonableness of business decisions and damages related to an area of mutual interest purchase agreement and acquisitions of oil and gas assets in a shale basin.

Railroad Transportation Industry

Ms. Carey frequently provides expert consulting and testifying services in commercial disputes and regulatory proceedings involving the railroad transportation industry. A few examples include:

- Expert report before the U.S. federal transportation regulatory, Surface Transportation Board (“STB”) regarding the potential introduction of indirect competition analyses within market dominance determinations for coal transportation to utility generation facilities for use in coal transportation rate disputes.
- Expert consulting conducting numerous competition analyses of rail and pipeline transportation (and other modes of transportation) for crude oil and refined products in the U.S. and Western Canada in a commercial dispute.
- Expert consulting analyzing economics of containerized freight transportation, including intermodal rail and competition with alternative transportation modes in a transportation contract dispute and claims of anticompetitive behavior.
- Expert consulting analyzing the economics of competition and anticompetitive behavior in railroad transportation services including evaluating the impact of fuel surcharges in a commercial dispute.
- Expert reports in numerous regulatory proceedings involving rail transportation rate disputes for coal, including evaluation of appropriate regulatory construct, long term forecasts of coal deliveries, transportation rates (all modes), and revenue attribution methodologies for shared facilities.

Coal Industry

Ms. Carey is experienced in conducting economic analyses of coal markets in the U.S and globally, and has in-depth experience with the economics of coal-fired power generation. She has assisted clients with long term forecasts of coal volumes from U.S. coal basins and imports from foreign sources to U.S. coal fired power plants, industrial facilities and to export terminals. Ms. Carey provided economic consulting regarding global energy markets for a coal export terminal seeking regulatory approval evaluating the long term elasticity of demand of coal and greenhouse gas and other energy market impacts within

downstream energy markets U.S. and Pacific Basin. She also has experience with railroad transportation of coal and has been involved in numerous rail rate disputes. Ms. Carey routinely analyzes the economics of the delivered cost of coal, natural gas and other fuels to electric utilities in the U.S., Canada and elsewhere to evaluate the impact on competition for regulatory proceedings or commercial disputes. Ms. Carey has provided expert reports in coal contract disputes and she served as a consulting expert in a lawsuit alleging violations against the EPA clean air act. She has analyzed the impact of regulations of SO₂, NO_x and carbon emissions on coal generation facilities and evaluated the substitutability of different types of coal in terms of quality attributes and economics.

SELECTED REPORTS, PUBLICATIONS AND PRESENTATIONS

- Crude Oil and Transportation Market and Regulatory Developments, Julie Carey and Laura Olive Association of Oil Pipeline Business Conference, September 20, 2017.
- Analysis of Economic Benefits, The Capital Grid Project in the District of Columbia and Maryland, Potomac Electric Power Company (PEPCO), August 31, 2017.
- US Electric Power Industry Trends and Equipment Market Entry Strategy, Global Market Summit 2017—Korea Trade Investment Promotion Agency (Kotra), July 11, 2017
- Crude Oil and Transportation Market and Regulatory Developments, Julie Carey, Association of Oil Pipeline Business Conference, September 16, 2016.
- Economic Analysis of Electric Vehicle Market from Illinois' Proposed Legislation, Julie M. Carey (with Celia David and John Gartner), May 17, 2016 (Updated August 10, 2016).
- NGL Market Development Panel, Infocast Midstream Summit, February 17, 2016.
- Economic Analysis of Clean Energy Jobs from Illinois' Proposed Legislation, Julie M. Carey (with Celia David and Bruce Hamilton), May 11, 2016 and September 16, 2015.
- Energy Market Trends, Economic Implications, and the Outlook for Infrastructure, Construction Superconference, December 8, 2015.
- Today's Energy Market and the Cost of Artificially Suppressing Demand with the Crude Oil Export Ban, Kelley, Drye, and Warren, Energy Regulatory Conference, October 22, 2015.
- Trading Firms in the Bullseye Amid Stepped Up Oversight Of Energy Markets, Forbes, Julie Carey (with Cliff Hamal and Ben Ulman), October 11, 2013.
- Oil Pipeline Regulation and Competition, Confidential White Paper for the Association of Oil Pipe Lines, Julie Carey (with George Schink, Rick Smead, and Julie Solomon), August 2013.
- Report on the Preliminary Analysis of the Potential Competition Faced by a Reversed Crude Oil Pipeline and Competition Faced by an Existing System, Confidential Report, Julie Carey (with Kate Rodenrys and George Schink), June 24, 2013.
- Report on the Preliminary Analysis of the Competition Faced by a Crude Oil Pipeline System, Confidential Report, Julie Carey (with Kate Rodenrys and George Schink), June 7, 2013.
- How Unconventional Oil and Gas Is Supercharging the U.S. Economy, Forbes (online), December 13, 2012.
- Unconventional Resources, Economic Growth and Power Generation Implications, Julie M. Carey, PowerGen Conference, Orlando, Florida, December 13, 2012.

- Surprise Side Effect Of Shale Gas Boom: A Plunge in U.S. Greenhouse Gas Emissions, Forbes, December 7, 2012.
- Spent Nuclear Fuel Management: How centralized interim storage might expand options and reduce costs; A study conducted for the Blue Ribbon Commission on America's Nuclear Future, Julie Carey (with Cliff W. Hamal and Christopher L. Ring), May 2011.
- Meeting the Challenge of Spent Fuel in Decommissioned Storage, Presentation to Blue Ribbon Commission on America's Nuclear Future, Julie Carey (with Cliff Hamal and Chris Ring), January 3, 2011.
- Clean Energy Policy Initiative Impacts on the Environment and the Economy, Confidential Client Report, May 2009.
- Strategic Recommendations for Expiring Power Contracts, Confidential Report, Julie Carey (with Cliff W. Hamal), Prepared On Behalf of Ontario Power Authority, January 22, 2009.
- Force Majeure Risks and Ontario Power Authority's Power Contracts, Julie Carey (with Cliff W. Hamal), Prepared On Behalf of Ontario Power Authority, March 31, 2008.
- Financial Accommodation for Force Majeure Events, Julie Carey (with Cliff W. Hamal), Prepared On Behalf of Ontario Power Authority, January 21, 2008.
- Power Generation Investments in a Capacity Demand-Curve Market, Cliff W. Hamal and Julie A. Murphy, The Energy and Utility Project, May 2005.

SELECTED EXPERT AFFIDAVITS AND TESTIMONY

National Energy Board Hearing Order RHW-002-2017, File OF-Tolls-Group2-T309-2017-01 01, TEMPL Westspur Pipelines Limited, Notice of Complaint pursuant to Part IV of the National Energy Board Act, Crescent Point Resources Partnership, Expert Report of Julie M. Carey, September 15, 2017.

Minnesota Public Utilities Commission Docket No. PL-9/PPL-15-137, In the Matter of the Application of Enbridge Energy, Limited Partnership for a Routing Permit for the Line 3 Replacement Project in Minnesota from the North Dakota Border to the Wisconsin Border. Minnesota Public Utility Commission, Expert Report of Julie M. Carey (With Dr. Rick Lichty). January 30, 2017.

FERC Docket No. ER11-47 et al., Triennial Update for Market Based Rate Authority for American Electric Power Company, et al. in the Northeast region, Affidavit of Julie M. Carey, December 27, 2016.

U.S. Army Corps of Engineers, Seattle District, Response to Draft Environmental Impact Statement for the National Environmental Policy Act Regarding the Proposed Millennium Bulk Terminals Longview Project, Expert Evidence, November 29, 2016.

Cowlitz County and the Washington State Department of Ecology, Response to Draft Environmental Impact Statement for the State Environmental Policy Act Regarding the Proposed Millennium Bulk Terminals Longview Project, Expert Evidence, June 13, 2016.

Wisconsin Public Service Commission, Docket No. 6800-CE-176, Application for a CPCN To Build an Natural Gas-Fueled Power Plant at its Riverside Energy Center Facility, Rebuttal Testimony of Julie M. Carey, December 4, 2015. Surrebuttal Testimony, December 16, 2015.

FERC Docket No. Docket No. EC15-_, Supplemental Affidavit of Julie M. Carey to Support PNM's Application for Authorization of Disposition of Jurisdictional Facilities, November 6, 2015. (Initial Report September 25, 2015)

FERC Docket No. ER11-47 et al., Triennial Update for Market Based Rate Authority for American

Electric Power Company, et al. in the PJM RTO region, Affidavit of Julie M. Carey, December 20, 2013.

ULVAC, INC vs. China Solar Power (Holdings) Ltd., In the Matter of a Commercial Arbitration, Hong Kong International Arbitration Centre, HKIAC /A11013, Expert Report of Julie Carey, June 11, 2013.

Energy Conversion Devices, Inc., et al., Chapter 11, Case No. 12-43166, U.S. Bankruptcy Court Eastern District of Michigan Southern Division, Expert Report for Praxair by Julie Carey (with Graham Stevens), April 17, 2013.

HS Orka hf. vs. Nordural Grundartangi, ehf and Orkauveita Reykjavíkur, In the Matter of a Commercial Arbitration, Stockholm Chamber of Commerce Arbitration V (191/2011), Expert Testimony of Julie M. Carey, February 5, 2013.

Surface Transportation Board (“STB”), Ex. Parte No. 717, Reply Verified Statement of Julie M. Carey (with James M. Speyer) to Petition of Association of American Railroads to Institute a Rulemaking Proceeding to Reintroduce Indirect Competition As A Factor Considered in Market Dominance Determinations For Coal Transported to Utility Generation Facilities, January 14, 2013.

HS Orka hf. vs. Nordural Grundartangi, ehf and Orkauveita Reykjavíkur, In the Matter of a Commercial Arbitration, Stockholm Chamber of Commerce Arbitration V (191/2011), Expert Rebuttal Report of Julie M. Carey, October 24, 2012.

On behalf of Montana Alberta Tie Ltd (“Enbridge – MATL”), Alberta Utilities Commission, Proceeding 1633, Expert Testimony of Julie M. Carey (with Cliff Hamal), September 18-19, 2012.

HS Orka hf. vs. Nordural Grundartangi, ehf and Orkauveita Reykjavíkur, In the Matter of a Commercial Arbitration, Stockholm Chamber of Commerce Arbitration V (191/2011), Expert Report of Julie M. Carey, August 29, 2012.

On behalf of Montana Alberta Tie Ltd (“Enbridge – MATL”), Alberta Utilities Commission, Proceeding 1633, Testimony of Julie M. Carey (with Cliff Hamal), June 15, 2012.

FERC Docket No. ER10-727-001, Request for Market Based Rate Authority for AEP Retail Energy Partners LLC, Affidavit of Julie M. Carey, March 23, 2010.

FERC Docket No. ER96-1551-__ and ER01-615-__ and ER09-74-__, Triennial Update for Market Based Rate Authority for Public Service Company of New Mexico, Affidavit of Julie M. Carey, March 8, 2010.

On behalf of COALSALES II, L.L.C., in the matter of Gulf Power Company v. COALSALES II, L.L.C. Docket no. 3:06 CV 270/MCR/MD, before the US District Court for the Northern District of Florida, Pensacola Division, Expert Report of Julie M. Carey (with Cliff Hamal), August 19, 2008, supplemented December 11, 2008.

FERC Docket No. Docket EC06-113-000, Application for Asset Transfer of Contra Costa #8 for Pacific Gas and Electric Company, Mirant Delta, LLC and Mirant Special Procurement, Inc., Affidavit of Julie A. Murphy, April 17, 2006.

FERC Docket No. ER96-1551-__ and ER01-615-__, Change in Status Filing for Public Service Company of New Mexico for Market-Based Rate Authority, Affidavit of Julie A. Murphy, January 12, 2006.

FERC Docket No. ER05-1244-000 and ER05-1244-001, Application by Societe Generale Energie (USA) Corp. for Market-Based Rate Authority, Affidavit of Julie A. Murphy, July 21, 2005.

FERC Docket No. ER96-1551-006 and ER01-615-003, Compliance Filing for Public Service Company of New Mexico for Market-Based Rate Authority, Affidavit of Julie Murphy, July 15, 2005.

Testimony of Julie Murphy on behalf of Onvoy, Inc., Onvoy, Inc. v. Allete, Inc. f/k/a Minnesota Power, Inc. d/b/a Minnesota Power and Light Company and, Enventis Telecom, Inc., Sixth Judicial District Court

File No. 69-C9-03-601595, St. Louis County, Minnesota, April 21, 2005.

STB Docket No. 42071, Otter Tail Power Company v. BNSF Railway Company, Sponsored Testimony within Section III-A Stand-Alone Traffic Group of the Response Testimony of Burlington Northern Santa Fe Railway Company, April 4, 2005.

STB Docket No. 42071, Otter Tail Power Company v. BNSF Railway Company, Sponsored Testimony within Section III-A Stand-Alone Traffic Group of Supplemental Evidence of Burlington Northern Santa Fe Railway Company, March 1, 2005.

Expert Report Julie A. Murphy (with John Klick) on behalf of Onvoy, Inc., Onvoy, Inc. v. Allele, Inc. f/k/a Minnesota Power, Inc. d/b/a Minnesota Power and Light Company and, Enventis Telecom, Inc., Sixth Judicial District Court File No. 69-C9-03-601595, St. Louis County, Minnesota, December 5, 2004.

STB Docket No. 41191 (Sub-No. 1), AEP Texas North Company v. Burlington Northern and Santa Fe Railway Company, Verified Statement of Julie A. Murphy, September 9, 2004.

STB Docket No. 41191 (Sub-No. 1), AEP Texas North Company v. Burlington Northern and Santa Fe Railway Company, Sponsored Testimony within Section III-A Stand-Alone Traffic Group of Reply Evidence and Argument of Burlington Northern Santa Fe Railway Company, May 24, 2004.

MI PSC Case No. U-13531, In the Matter of the Commission's Own Motion to Review the Costs of Telecommunication Services Provided by SBC Michigan, Final Reply Declaration of Julie A. Murphy (with Michael Baranowski), May 10, 2004.

STB Docket No. 41185, Arizona Public Service and PacifiCorp v. Burlington Northern Santa Fe Railway Company, Verified Statement of Julie Murphy, April 18, 2004.

STB Docket No. 42071, Otter Tail Power Company v. Burlington Northern and Santa Fe Railway Company, Sponsored Testimony within Section III-A Stand-Alone Traffic Group of Supplemental Reply Evidence and Argument of Burlington Northern Santa Fe Railway Company, March 22, 2004.

Texas PUC SOAH Docket. No.473-04-0001, PUC Project No. 27957, Application of CenturyTel of San Marcos, Inc. for Approval of a Plan for Disaggregation of State and Federal Universal Service Support, Testimony of Julie Murphy on Behalf of Grande Communications Networks, Inc., February 19, 2004.

STB Docket No. 42058, Arizona Electric Power Coop, Inc. v. Burlington Northern Santa Fe Railway Co. and Union Pacific Railroad, In Support of UP's Petition to Require Submission of New Opening Evidence, Or, Alternatively, To Dismiss, Verified Statement of Julie Murphy (with John Klick), April 18, 2003.

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