

Matthew C. Loiacono

Consultant

SUMMARY

Matthew C. Loiacono works with electricity and gas clients on matters including rates, grid modernization, capital expenditures, and net energy metering. He has analyzed approaches to renewable resource integration and the benefit-cost of various modes of participation on wholesale energy market performance. He advises clients on energy procurement strategy and administers procurement auctions on their behalf. Mr. Loiacono is proficient in GIS software, SAS, and Minitab, and is an advanced user of IMPLAN.

TESTIMONY EXPERIENCE

- **Rhode Island Division of Public Utilities and Carriers.** Testified on National Grid’s 2017 Retail Rates Filing (Docket No. 4691) and 2017 Renewable Energy Standard Charge and Reconciliation Filing (Docket No. 4605).
- **Blackstone Gas Company.** Conducted load forecast and assisted in drafting the 2013 and 2015 Long Range Supply (or Integrated Resource) Plans for Blackstone Gas Company (DPU 14-138 and DPU 16-185 – case pending). (2014 – present)
- **Texas Coast Utilities Coalition.** Assisted in drafting testimony on the CenterPoint Energy Resources Corporation 2016 Purchase Gas Adjustment filing (GUD No. 10567). (2017)
- **Illinois Attorney General.** Reviewed, analyzed, and assisted in filing testimony on natural gas utility accelerated infrastructure replacement programs and supporting long-term capital plans, leak rates, risk ranking systems, and rate recovery mechanisms filed by Peoples Gas (ICC Docket No. 16-0376). (2016 – present)
- **Utah Public Service Commission.** Assisted in drafting testimony regarding a proposed merger between Questar and Dominion (Docket No. 16-057-01). (2016)
- **New Hampshire Public Utilities Commission.** Assisted in drafting testimony regarding the Liberty Tennessee Gas Pipeline Precedent Agreement (DG 14-380). (2015)
- **Massachusetts Attorney General.** Reviewed, analyzed, and assisted in filing testimony on natural gas utility accelerated infrastructure replacement programs and supporting long-term capital plans, leak rates, risk ranking systems, and rate recovery mechanisms filed by gas utilities (DPU 14-130, DPU 14-131, DPU 14-132, DPU 14-133, DPU 14-134, and DPU 14-135). (2014-2015)
- **Maryland Office of People’s Counsel.** Reviewed, analyzed, and assisted in filing testimony on natural gas utility accelerated infrastructure replacement programs and supporting long-term capital plans, leak rates, risk ranking systems, and rate recovery mechanisms filed by gas utilities (Case Nos. 9331, 9332, and 9335). (2014 - present)

PROFESSIONAL EXPERIENCE

Cost Allocation, Rate Design & Rates

- **Pennsylvania Office of Consumer Advocate and Maryland Office of People's Counsel.** Audited Purchase Gas Cost filings for various utilities. Presented findings and provided hearing preparation support for clients. (2015 – present)
- **Massachusetts Department of Energy Resources and Maryland Office of People's Counsel.** Audited and evaluated natural gas and electric utility rate case filings requesting an increase in base rates for various utilities. Presented findings and provided hearing preparation and briefing support for clients. (2016 – present)
- **Pennsylvania Office of Consumer Advocate.** Evaluated Default Service Programs proposed by various utilities in regards to supply mix, procurement lengths, load shapes, and rate classes. Prepared direct testimony on behalf of witnesses. (2015 – present)
- **Massachusetts Attorney General, Maryland Office of People's Counsel and Illinois Attorney General.** Investigated natural gas utility accelerated infrastructure replacement programs and supporting long-term capital plans, leak rates, risk ranking systems, and rate recovery mechanisms filed by gas utilities in three states. Prepared direct testimony on behalf of witnesses. (2014 – present)
- **New Hampshire Public Utility Commission.** Analyzed current net energy metering rate structures and evaluated proposed changes submitted by multiple utilities and other interveners. (2016 – 2017)
- **Kauai Island Utility Cooperative.** Analyzed current rate structures in Hawaii to support restructuring of rates to incorporate increased revenue needs and increased residential solar production. (2015 – present)
- **Blackstone Gas Company.** Conducted load forecasts under a variety of weather and design day criteria and reported the analysis on behalf of Blackstone Gas Company in support of their 2013 and 2015 Long Range Supply (or Integrated Resource) Plans. (2014 – present)
- **Massachusetts Attorney General and Massachusetts Department of Energy Resources.** Evaluated gas utility long-term forecast and supply plans in multiple jurisdictions including their plans for growth through conversions plus pipeline capacity restructuring decisions to relinquish long-haul pipeline and storage capacity in favor of direct field access and participation in downstream pipeline expansion projects to access more Marcellus gas supply. Presented findings and provided hearing preparation support for clients. (2015 – 2016)
- **Massachusetts Attorney General and New Hampshire Public Utility Commission.** Evaluated Precedent Agreements for Market and Supply Paths for multiple jurisdictions. Reported analysis of findings and provided support during hearings for clients. Prepared direct testimony on behalf of witness for New Hampshire Public Utility Commission in Docket DG 14-380. (2015 – 2016)
- **Massachusetts Department of Energy Resources.** Evaluated and compared electric utility grid modernization filings. Reported analysis of the filings to client. Assisted in the drafting of briefs. (2016 – 2017)
- **Nova Scotia Small Business Advocate.** Investigated Nova Scotia Power Inc.'s 2015 Annual Capital Expenditures Plan. Presented findings to the team. (2015 – 2016)
- **Manitoba Public Utilities Board.** Provided advisory services on matters related to the Manitoba Hydro Cost of Service Application, which included preparing presentations to the Board and a drafting sections of the final report. (2016)
- **Rhode Island Division of Public Utilities and Carriers.** Audited National Grid's 2017 Annual Retail Rate and Standard Offer Service Filing. (2017)

- **Texas Coast Utilities Coalition.** Investigated and prepared direct testimony on behalf of the witness regarding FERC litigation expenses and financial hedging costs presented by CenterPoint Energy Resources Corporation in its 2016 Purchase Gas Adjustment filing. (2017)
- **Utah Public Service Commission.** Analyzed current net energy metering rate structures and evaluated proposed changes submitted by Rocky Mountain Power and other interveners. (2017)
- **Washington Attorney General.** Investigated and prepared direct testimony on behalf of the witnesses regarding stranded costs, which were presented in separate dockets by Puget Sound Energy (Large Customer Retailing Docket UE-161123) and Pacific Power and Light Company (Docket UE-161204). (2017)

Renewables

- **Private Client.** Evaluated the potential to integrate wind and battery resources into NYISO. Researched and analyzed studies conducted and practices implemented by other North American utilities regarding the integration of renewable resources. (2015)
- **Private Client.** Evaluated merchant renewable transmission projects in New England using a capital budgeting model. (2015)
- **Private Client.** Collaborated in development of a decision framework to assess the potential value to utility ratepayers of direct investment in natural gas pipeline or transmission projects importing energy from New York or Canada under the New England Governor's Infrastructure Initiative. (2015)
- **Private Client.** Analyzed the potential value options of ISO New England, New York ISO and PJM for a company seeking to offer the output of its hydro unit into one of these regional markets. (2015)
- **Massachusetts Clean Energy Center.** Analyzed and reported on the economic impacts of growth in the energy storage technology industry over the next decade as part of an energy storage industry study. (2015 – 2016)

Regulation & Policy

- **New Brunswick Public Intervener.** Investigated and prepared direct testimony on behalf of witness regarding compliance of the non-rate terms and conditions of New Brunswick Power's proposed OATT with FERC policy and evaluated the reasonableness of the proposed ancillary services revenue requirements and rates. (2014 – 2015)
- **New Brunswick Public Intervener.** Investigated and prepared direct testimony on behalf of witness regarding Algonquin Tinker GenCo's revenue requirement: evaluation of need for requested transformer upgrade, ROE, allocation of common plant to transmission and application of FERC cost allocation principles. (2014 – 2015)
- **Private Client.** Investigated and prepared direct testimony on behalf of witness regarding the critique of proposed changes to ISO-NE Tariff provisions regarding the Dynamic Delist Bid Threshold, Static Delist Bid submission and adjustment process, and the Pivotal Supplier Test. (2015)
- **Private Client.** Evaluated the economic impacts of infrastructure buildout levels in New England. Estimated impacts of expansion of natural gas pipeline and electricity generation (renewable and non-renewable) on energy costs and regional economic indicators (employment, income, and competitiveness). Assisted in an update to the original research that involved the explanation of state and federal policy implications impacting New England since August 2015. (2015 – 2016)

- **Utah Public Service Commission.** Investigated and prepared direct testimony on behalf of witness regarding a proposed merger between Questar and Dominion. Reviewed and provided deficiencies in the proposed merger based on the potential value to consumers of Questar. (2016)
- **Private Client.** Utilized SAS to evaluate the demand curve reset model used by NYISO and gave a presentation on the findings from the analysis. (2016)

Utility Planning

- **NRG.** Investigated and prepared an alternative technology comparison, discussion of consistency with the Commonwealth's Energy and Environmental Policies, and testimony and case support regarding a Siting Board application for a new natural gas-fired unit in Massachusetts. (2015 – 2016)

Power Procurement & Load Bidding

- **National Passenger Railroad Corporation (Amtrak).** Advised client in utility interconnection issues, rates, special contracts and other rate designs, and retail purchase power procurement and power supply management for 200+ MW portfolio of traction and non-traction accounts in eight states and three northeastern U.S. control areas. (2015 – present)
- **Private Client.** Conducted weekly load bidding into ISO-NE market. Advised client on other issues, including wholesale purchase power procurement and power supply management. (2015 – present)
- **Woodsville Water & Light (NH).** Drafted budget for the next calendar year and provided monthly report that compared actual load and cost data to the budgeted data. Advised the utility on other issues, including retail purchase power procurement and power supply management. (2015 – present)
- **Narragansett Bay Commission (RI).** Advised the utility on other issues, including retail purchase power procurement and power supply management. (2016 – present)

EMPLOYMENT HISTORY

Daymark Energy Advisors, Inc. (formerly La Capra Associates, Inc.)	Worcester, MA
Consultant	Mar. 2017 – Present
Senior Analyst	2016 – Feb. 2017
Analyst	2014 – 2016
Monitoring Analytics, LLC	Eagleville, PA
Market Analyst	2011 – 2014
UgMO Technologies, Inc.	King of Prussia, PA
Field Operations Manager-ProTurf / Agronomic Data Analyst	2009 – 2011

EDUCATION

Pennsylvania State University	University Park, PA
M.S., Agricultural, Environmental & Regional Economics	2008
University of Delaware	Newark, DE
B.S., Natural Resource Management and minor in Resource Economics	2006