

## Daniel E. Peaco

Principal Consultant

### SUMMARY

Daniel Peaco is a Principal Consultant, Chairman, and Past-President at Daymark Energy Advisors, a leading provider of integrated policy, planning and strategic decision support services to the North American electric and natural gas industries.

Mr. Peaco has 35 years of experience in the electric industry, both as a utility planning practitioner and, for the past 20 years, as a consultant to the industry. His consulting practice has included engagements relating to strategic planning, competitive electric markets, integrated resource planning evaluation of generation asset investments, renewable energy policy, transmission planning, competitive procurement and power contracts, and industry restructuring.

Prior to joining Daymark Energy Advisors, he held management and planning positions in power supply planning at Central Maine Power, CMP International Consultants, Pacific Gas & Electric, and the Massachusetts Energy Facilities Siting Council. He holds degrees from M.I.T. and Dartmouth College.

### EMPLOYMENT HISTORY

<b>Daymark Energy Advisors, Inc.</b>	<i>Boston, MA</i>
<i>Chairman</i>	Aug 2015-current
<i>President</i>	2002-July 2015
<i>Managing Director</i>	1996-2002
<b>Central Maine Power Company</b>	<i>Augusta, ME</i>
<i>Manager, Industrial Marketing and Economic Development</i>	1995-96
<i>Principal, CMP International Consultants</i>	1993-95
<i>Director, Power Supply Planning</i>	1987-93
<i>Power Supply Planning Analyst</i>	1986-87
<b>Pacific Gas &amp; Electric Company</b>	<i>San Francisco, CA</i>
<i>Power Supply Planning, Hydropower Planning, Cogeneration Contracts</i>	1981-86
<b>Massachusetts Energy Facilities Siting Council</b>	<i>Boston, MA</i>
<i>Planning Engineer</i>	1978-79

### EDUCATION

<b>Thayer School of Engineering, Dartmouth College</b>	<i>Hanover, NH</i>
<i>M.S. in Engineering Sciences, Resource Systems and Policy Design</i>	1981
<b>Massachusetts Institute of Technology</b>	<i>Cambridge, MA</i>
<i>B.S. in Civil Engineering, Water Resource Systems</i>	1977

## **PUBLICATIONS, PRESENTATIONS & CONFERENCES**

*MCPC Project Benefits; Quantitative and Qualitative Benefits*, Confidential Report prepared for Central Maine Power regarding the benefits of the Maine Clean Power Connection, a 345 kV transmission expansion accompanied by 1100 MW of wind energy project development offered in the Massachusetts RFP for Clean Energy Resources, July 27, 2017. Lead Consultant and Principal Author.

*NECEC Project Benefits; Quantitative and Qualitative Benefits*, Confidential Report prepared for Central Maine Power and H.Q. Energy Services regarding the benefits of the New England Clean Energy Connection, 1200 MW HVDC transmission expansion accompanied by 1090 MW of hydropower and wind energy project development offered in the Massachusetts RFP for Clean Energy Resources, July 27, 2017. Lead Consultant and Principal Author.

*Evolving Practices in Electric Company Resource Planning: Key Insights from a Review of 15 Recent Electric Company Resource Plans*, report prepared for the Electric Power Research Institute. May 2017. Lead Consultant and Principal Author.

*Clean Energy Procurement Mechanisms*, instructor for Post-Conference Workshop at the EUCI 3<sup>rd</sup> Annual U.S./Canada Cross-Border Energy Trade Summit, Boston, Massachusetts, March 2, 2017.

*CHP Economic Factors: Electric and Natural Gas Market Trends*, keynote presentation for the Efficiency Maine Combined Heat & Power Conference, Portland, Maine, September 29, 2016.

*Changes in IRP in Market Transitions, Where Has It Happened?*, presentation to the EUCI 16<sup>th</sup> Annual Integrated Resource Planning Conference, Long Beach, March 22, 2016.

*MREI Project Benefits; Direct, Indirect, Qualitative and Other Benefits*, prepared for Central Maine Power Company and Emera Maine regarding the benefits of the Maine Renewable Energy Initiative, a 345 kV transmission expansion accompanied by 1200 MW of wind energy project development. January 28, 2016. Lead Consultant and Principal Author.

*MCPC Project Benefits; Direct, Indirect, Qualitative and Other Benefits*, prepared for Central Maine Power Company regarding the benefits of the Maine Clean Power Connection, a 345 kV transmission expansion accompanied by nearly 600 MW of wind energy project development. January 28, 2016. Lead Consultant and Principal Author.

*Independent Valuation Opinion for the Bellows Falls Station in the Town of Rockingham, VT*, prepared for the TransCanada Hydro regarding the value of a 49 MW hydropower asset. July 2013 (Updated April 2015). Lead Consultant and Principal Author.

*Review of Georgia Power Company Solar Projects at Forts Benning, Stewart, and Gordon*, Report for the Georgia Public Service Commission. October 14, 2014. Lead Consultant and Principal Author.

*Maine Power Connection: Analysis of Benefits in Maine and New England*, Report for Central Maine Power. September 5, 2014. Lead Consultant and Principal Author.

*Need For and Alternative To (NFAT) Review of Manitoba Hydro's Proposal for the Keeyask and Conawapa Generating Stations*, Initial Expert Analysis Report prepared for the Manitoba Public Utilities Board. January 24, 2014. Supplemental Report. February 28, 2014. Lead Consultant and Principal Author.

*Evaluation of the Transaction to Transfer the Entergy Corp. Transmission Business to ITC Holdings, Inc.*, Initial Report prepared for the General Staff of the Arkansas Public Service Commission. April 19, 2013. Lead Consultant and Principal Author.

*Regarding Tri-State G&T's Cost to Serve Its Nebraska Loads and the Nebraska Power Supply Issues Group Loads*, prepared for the Nebraska Power Supply Issues Group, two public power districts and two member-owned electric utilities in Western Nebraska. December 2012. Lead Consultant and Principal Author.

*Independent Valuation Opinion for the Vernon Station in the Town of Hinsdale, NH*, prepared for the TransCanada Hydro regarding the value of a 32 MW hydropower asset. November 2012. Lead Consultant and Principal Author.

*Independent Valuation Opinion for the Comerford and McIndoes Stations in the Town of Monroe, NH*, prepared for the TransCanada Hydro regarding the value of 179 MW hydropower assets. November 2012. Lead Consultant and Principal Author.

*Independent Opinion Regarding the Market Value of Brassua Hydro LP Assets*, prepared for the Owners of Brassua Dam regarding the value of a 4 MW hydropower asset. November 2012. Lead Consultant and Principal Author.

*Independent Opinion Regarding Amortization Reserve of Brassua Hydro LP*, prepared for the Owners of Brassua Dam regarding the amortization reserve value of a 4 MW hydropower asset. November 2012. Lead Consultant and Principal Author.

*Regional Framework for Non-Transmission Alternatives*, Report prepared for the New England States Committee on Electricity. October 2012. Lead Consultant and Principal Author.

*Renewable Energy and Energy Efficiency Portfolio Standards(REPS) And Sustainable Energy in North Carolina, Lessons from the 2011 Energy Policy Committee Study*, presentation to the 9<sup>th</sup> Annual Sustainable Energy Conference, Raleigh, North Carolina April 20, 2012.

*Transmission Planning for the Next Generation, Some Implications for Generators in the New England Region of FERC Order 1000*, presentation to the Connecticut Power and Energy Society's Energy, Environment, and Economic Development Conference, Cromwell, Connecticut March 14, 2012.

*Entergy Arkansas, Inc.'s Withdrawal from the Entergy System Agreement, Response to EAI's Analysis of All Strategic Options*, Supplemental Initial Report prepared for the General Staff of the Arkansas Public Service Commission. July 12, 2011. Lead Consultant and Principal Author.

*North Carolina's Renewable Energy Policy, A Look at REPS Compliance To Date, Resource Options for Future Compliance, and Strategies to Advance Core Objectives*, prepared for the North Carolina Energy Policy Council. June 2011. Lead Consultant and Co-Author.

*Energy Policy Implementation, Framework Overview: Paying for the Policies*, presentation to the NECA/CPES 18<sup>th</sup> Annual New England Energy Conference, Groton, Connecticut, May 18, 2011.

*Entergy Arkansas, Inc.'s Withdrawal from the Entergy System Agreement*, Initial Report prepared for the General Staff of the Arkansas Public Service Commission. February 11, 2011. Lead Consultant and Principal Author.

*Non-Transmission Alternatives Assessment for the Lewiston-Auburn Area*, Report for Central Maine Power. August 27, 2010. Co-Author.

*Emerging Regional Energy Issues, How RPS Requirements will Affect Vermont's Energy Future*, presentation to the Vermont's Renewable Energy Future Conference, Burlington, Vermont October 1, 2010.

*2010 Comprehensive Plan for the Procurement of Energy Resources*, Report prepared for the Connecticut Energy Advisory Board. April 27, 2010. Lead Consultant and Principal Author.

*Phase I Report: Assessment of Energy Supply Options for the Town of Millinocket*, report to the Town of Millinocket, Maine. December 18, 2009. Lead Consultant and Principal Author.

*2009 Comprehensive Plan for the Procurement of Energy Resources*, Report prepared for the Connecticut Energy Advisory Board. May 1, 2009. Lead Consultant and Principal Author.

*Evaluation of the Grid Solar Proposal, Review of the Economics of the Proposal as an Alternative to the Maine Power Reliability Program*, Report prepared for Central Maine Power. April 3, 2009. Lead Consultant and Principal Author.

*An Analysis of the Connecticut Light and Power Company's Proposed Greater Springfield Reliability Project and Manchester to Meekville Project and the Non-Transmission Project Proposed as Alternatives*, Report prepared for the Connecticut Energy Advisory Board. February 17, 2009. Lead Consultant and Principal Author.

*Preparing A State-Centric IRP in a Multi-State Power Market*, presentation to the EUCI Conference on Resource and Supply Planning, Scottsdale, Arizona, February 11, 2009.

*Resource Considerations of Transmission Planning*, half-day workshop presented to the EUCI Conference on Resource and Supply Planning, Scottsdale, Arizona, February 11, 2009.

*2008 Comprehensive Plan for the Procurement of Energy Resources*, Report prepared for the Connecticut Energy Advisory Board. August 1, 2008. Lead Consultant and Principal Author.

*Maine Power Reliability Project: Non-Transmission Alternatives Assessment and Economic Evaluation*, Report for Central Maine Power. June 30, 2008. Lead Consultant and Principal Author.

*Maine Power Connection: Locational Marginal Price and Production Cost Implications in Maine and New England*, Report for Central Maine Power and Maine Public Service Company. June 30, 2008. Lead Consultant and Principal Author.

*Impact of Aroostook Wind Energy on New England Renewable Energy Certificate Market*, Report for Horizon Wind Energy. June 25, 2008. Lead Consultant.

*Initial Review of Integrated Resource Plan for Connecticut*, Report for the Connecticut Energy Advisory Board. January 28, 2008. Lead Consultant and Principal Author.

*Connecticut's Long-Term Electric Capacity Requirements*, Report of the Connecticut Energy Advisory Board. April 7, 2006. Lead Consultant and Principal Author.

*Technical Audit – Phase III: Review of Increase in Fuel Component of Power Budget FY 2007 relative to FY 2006*, prepared for the New Brunswick Power Distribution and Customer Service Corp., October 5, 2005. Lead Consultant and Principal Author.

*Preliminary Assessment of Connecticut’s Electric Supply and Demand: Near Term Requirements for Reliability and Mitigation of Federally Mandated Congestion Charges*, The Connecticut Energy Advisory Board. September 2, 2005. Lead Consultant and Principal Author.

*Technical Audit – Phase II: Review of Increase in Fuel Component of Power Budget FY 2006 relative to FY 2005*, prepared for the New Brunswick Power Distribution and Customer Service Corp., July 7, 2005. Lead Consultant and Principal Author.

*Technical Audit: Purchased Power Budget April 2005 – March 2006*, prepared for the New Brunswick Power Distribution and Customer Service Corp., May 18, 2005. Lead Consultant and Principal Author.

*Retail Choice Study: Issues and Options for Electric Generation Service*, the Belmont Electricity Supply Study Committee, Belmont, Massachusetts. June 2, 2004. Lead Consultant and Principal Author.

*California Energy Markets: The State’s Position Has Improved, Due to Efforts by the Department of Water Resources and Other Factors, but Cost Issues and Legal Challenges Continue*, California Bureau of State Audits, April 2, 2003. Lead Consultant and a Principal Author.

*California Energy Markets: Pressures Have Eased, but Cost Risks Remain*, California Bureau of State Audits, December 21, 2001. Lead Consultant and a Principal Author.

*Development of Competition in Electric Markets and the Impact on Retail Consumers in Arkansas, Arkansas General Staff’s Report*, In The Matter of a Progress Report to the Arkansas General Assembly on the Development of Competition in Electric Markets and the Impact, if any, on Retail Consumers, Docket No. 00-190-U, September 4, 2001. Principal Author.

*Preliminary Market Value Assessment of PP&L Maine Hydroelectric Plants*, August 2001. Proprietary report prepared for American Rivers, the Atlantic Salmon Federation, the Natural Resources Council of Maine, the Penobscot Indian Nation, and Trout Unlimited. Principal Author.

*Development of Competition in Electric Markets and the Impact on Retail Consumers in Arkansas, Arkansas General Staff’s Report*, In The Matter of a Progress Report to the Arkansas General Assembly on the Development of Competition in Electric Markets and the Impact, if any, on Retail Consumers, Docket No. 00-190-U, September 29, 2000. Principal Author.

*Wholesale Market Development: Timing and Issues Survey of Activity in Other Regions, FERC Initiatives*, In The Matter of a Progress Report to the Arkansas General Assembly on the Development of Competition in Electric Markets and the Impact, if any, on Retail Consumers, Docket No. 00-190-U, September 29, 2000. Principal Author.

*Retail Market Development: Timing and Issues Survey of Other States*, In The Matter of a Progress Report to the Arkansas General Assembly on the Development of Competition in Electric Markets and the Impact, if any, on Retail Consumers, Docket No. 00-190-U, September 29, 2000. Principal Author.

*The Progression toward Retail Competition in Arkansas’ Neighboring States*, In The Matter of a Progress Report to the Arkansas General Assembly on the Development of Competition in Electric Markets and the Impact, if any, on Retail Consumers, Docket No. 00-190-U, September 29, 2000. Principal Author.

*Arkansas General Staff Proposal and Initial Comments, In The Matter of a Generic Proceeding to Establish Uniform Policies and Guidelines for a Standard Service Package*, Docket No. 00-148-R, June 13, 2000. Principal Author.

*Arkansas General Staff Initial Comments, In The Matter of a Generic Proceeding to Determine if Metering, Billing, and Other Services Are Competitive Services*, Docket No. 00-054-U, March 31, 2000. Principal Author.

*Arkansas General Staff Initial Comment and Proposed Market Power Analysis Minimum Filing Requirements, In The Matter of a Generic Proceeding to Establish Filing Requirements and Guidelines Applicable to Market Power Analyses*, Docket No. 00-048-R, March 28, 2000. Contributing Author.

*Vermont Electricity Prices: Regional Competitiveness Outlook; Implications of Restructuring in New England and New York*, February 2000 Edition, prepared for Central Vermont Public Service. Principal Author.

*Projected Retail Price of Electricity for Massachusetts Electric Company, Boston Edison Company, and Western Massachusetts Electric Company*, September 1999, prepared for Massachusetts Municipal Wholesale Electric Company. Principal Author.

*Comments of the Commonwealth of Massachusetts Division of Energy Resources, in the Investigation by the Department of Telecommunication and Energy into Pricing and Procurement of Default Service*, July 1999 (Initial and Reply Comments). Contributing Author.

*Need for Power Supply: The New England Power Pool and the State of Rhode Island*, March 1999, prepared for Indeck – North Smithfield Energy Center.

*Vermont Electricity Prices: Regional Competitiveness Outlook; Implications of Restructuring in Northeast States*, a Report to the Working Group on Vermont's Electricity Future, November 1998, prepared for Central Vermont Public Service. Principal Author.



Rhode Island Superior Court PC No. 2012-1847	TransCanada; Ocean States Power Holdings, Ltd.	Expert testimony regarding the valuation of a 540 MW combined cycle power plant in appeal of an appraisal conducted for the Town of Burrillville, RI. Prepared analysis of unit operations and revenue forecasts.
		Report for 12/31/2010                      December 19, 2012 Report for 12/31/2011                      July 17, 2014 Deposition Testimony                      May 2, 2015
Oklahoma Corporation Commission Cause No. PUD 201400229	OK Cogeneration	Testimony regarding Oklahoma Gas & Electric Company Application for pre-approval of its Mustang Modernization Plan, addressing planning for retirement of 430 MW of gas-fired steam generation and addition of 400 MW of Combustion turbine generation, cost pre-approval, and Requirements for competitive procurement and alternatives analysis.
		Pre-filed Testimony                      December 16, 2014 Oral Testimony                              March 18-19, 2015
Maine Public Utilities Commission Docket No. 2014-048	Central Maine Power	Testimony regarding CMP's application for approval Maine Power Connection Transmission Project. Testimony addressed economic benefits associated with Interregional transmission connection and associated wind energy development benefits. Expert Report                              September 5, 2014 Rebuttal Report                              February 27, 2015 Oral Testimony                              September 18, 2014 March 31, 2015
US District Court Colorado Civil Action No. 10-CV-02349-WJM-KMT	Nebraska Power Supply Issues Group	Expert testimony regarding Tri-State G&T cost to serve five Nebraska members.  Expert Report                              December 31, 2012 Deposition Testimony                      February 27, 2013 Oral Testimony                              May 19, 2014
Public Utilities Board Manitoba, Canada Needs For and Alternatives To (NFAT)	PUB NFAT Panel	Independent Expert (IE) for the review of Manitoba Hydro's Hydropower and Transmission Development Plan for 2,160 MW of hydro capacity at two locations, a 500 kV transmission line to Minnesota, and associated export contracts.  Expert Reports I                              January 24, 2014 Expert Reports II                              February 28, 2014 Oral Testimony                              April 8, 9, 10, 11, 2014
Superior Court State of Vermont  Docket No. 423-9-12 Wmcv Docket No. 547-11-12 Wmev Docket No. 244-9-12 Cacv Docket No. 245-9-12 Cacv	TransCanada Hydro Northeast, Inc.	Expert testimony regarding the valuation of a four hydropower facilities totaling 260 MW in appeal of appraised values in the towns of Vernon, Rockingham, and Barnet VT.  Valuation Report                              July 15, 2013 Deposition                                      February 4, 2014

<p>Arbitration          AAA Case No.          11 198 Y 002014 12</p>	<p>City of Burlington, VT          Burlington Electric Dept.</p>	<p>Expert testimony regarding the valuation of a 7 MW hydropower facility and the determination of fair value for transfer of ownership of the asset.</p>								
		<table border="0"> <tr> <td>Valuation Report</td> <td>June 21, 2013</td> </tr> <tr> <td>Rebuttal Report</td> <td>July 26, 2013</td> </tr> <tr> <td>Deposition Testimony</td> <td>September 12, 2013</td> </tr> <tr> <td>Oral Testimony</td> <td>October 4, 2013</td> </tr> </table>	Valuation Report	June 21, 2013	Rebuttal Report	July 26, 2013	Deposition Testimony	September 12, 2013	Oral Testimony	October 4, 2013
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<p>Arkansas Public Service Commission          Docket No. 12-069-U</p>	<p>General Staff of the          AK Public Service Comm.</p>	<p>Testimony regarding the evaluation of Entergy Arkansas's proposed divestiture of its transmission business to ITC Holdings.</p>								
		<table border="0"> <tr> <td>Direct Testimony</td> <td>April 19, 2013</td> </tr> <tr> <td>Surrebuttal Testimony</td> <td>June 7, 2013</td> </tr> <tr> <td>Supplemental Testimony - Rate Mitigation</td> <td>Aug 15, 2013</td> </tr> </table>	Direct Testimony	April 19, 2013	Surrebuttal Testimony	June 7, 2013	Supplemental Testimony - Rate Mitigation	Aug 15, 2013		
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<p>Arbitration          AAA Case No.          11 153 Y 02133 11</p>	<p>Owners of Brassua Dam          FPL Hydro Maine LLP          Madison Paper Industries          Merimil Ltd Partnership</p>	<p>Expert testimony regarding the valuation of a 4 MW hydropower facility and the determination of amortization reserve obligations under FERC license provisions.</p>								
		<table border="0"> <tr> <td>Valuation Report</td> <td>November 1, 2012</td> </tr> <tr> <td>Amortization Reserve Report</td> <td>November 1, 2012</td> </tr> <tr> <td>Amortization Reserve Rebuttal</td> <td>November 15, 2012</td> </tr> <tr> <td>Oral Testimony</td> <td>December 5, 2012</td> </tr> </table>	Valuation Report	November 1, 2012	Amortization Reserve Report	November 1, 2012	Amortization Reserve Rebuttal	November 15, 2012	Oral Testimony	December 5, 2012
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<p>Arkansas Public Service Commission          Docket No. 10-011-U</p>	<p>General Staff of the          AK Public Service Comm.</p>	<p>Testimony regarding the evaluation of Entergy Arkansas's strategic reorganization options and request for authorization to transfer control of its transmission asset to the Midwest ISO.</p>								
		<table border="0"> <tr> <td>Oral Testimony</td> <td>May 31, 2012</td> </tr> <tr> <td>Surrebuttal Testimony</td> <td>April 27, 2012</td> </tr> <tr> <td>Direct Testimony</td> <td>March 16, 2012</td> </tr> </table>	Oral Testimony	May 31, 2012	Surrebuttal Testimony	April 27, 2012	Direct Testimony	March 16, 2012		
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<p>Burrillville Board of Review</p>	<p>TransCanada; Ocean States Power Holdings, Ltd.</p>	<p>Expert testimony regarding the valuation of a 540 MW combined cycle power plant in appeal of an appraisal conducted for the Town of Burrillville, RI.</p>								
		<table border="0"> <tr> <td>Valuation Report</td> <td>January 4, 2012</td> </tr> <tr> <td>Oral Testimony</td> <td>March 1, 2012</td> </tr> </table>	Valuation Report	January 4, 2012	Oral Testimony	March 1, 2012				
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<p>Oklahoma Corporation Commission          Cause No. PUD 201100186</p>	<p>OK Corporation Commission          OK Attorney General</p>	<p>Testimony regarding a 60 MW Wind Energy Purchase Agreement and Cogeneration deferral Agreement proposed by Oklahoma Gas &amp; Electric Company, addressing cost pre-approval, and a requested waiver from competitive procurement requirements.</p>								
		<table border="0"> <tr> <td>Pre-filed Testimony</td> <td>February 8, 2012</td> </tr> </table>	Pre-filed Testimony	February 8, 2012						
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Arkansas Public Service Commission Docket No. 10-011-U	General Staff of the AK Public Service Comm.	Testimony regarding the evaluation of Entergy Arkansas's strategic reorganization options upon its exit from the Entergy System Agreement.								
		<table border="0"> <tr> <td>Oral Testimony</td> <td>September 9, 2011</td> </tr> <tr> <td>Surrebuttal Testimony</td> <td>August 18, 2011</td> </tr> <tr> <td>Supplemental Initial Testimony</td> <td>July 12, 2011</td> </tr> <tr> <td>Initial Testimony</td> <td>February 11, 2011</td> </tr> </table>	Oral Testimony	September 9, 2011	Surrebuttal Testimony	August 18, 2011	Supplemental Initial Testimony	July 12, 2011	Initial Testimony	February 11, 2011
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State Corporation Commission of the State of Kansas	The Landowner Group	Testimony regarding the application of ITC Great Plains for a siting permit for a 345-kV Transmission Line addressing project need and route selection methodology.								
		<table border="0"> <tr> <td>Initial Testimony</td> <td>April 18, 2011</td> </tr> </table>	Initial Testimony	April 18, 2011						
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Federal Energy Regulatory Commission (FERC) RM10-23-000	Maine Public Utilities Commission, et. al.	Expert Affidavit regarding economic analysis methodology for transmission project evaluation. Provided in reply comments on the FERC Transmission Planning and Cost Allocation NOPR.								
		<table border="0"> <tr> <td>Affidavit</td> <td>November 12, 2010</td> </tr> </table>	Affidavit	November 12, 2010						
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Maine Public Utilities Commission Docket No. 2008-255	Central Maine Power	Testimony regarding CMP's application for approval the Lewiston Loop 115kV Transmission Project. Testimony addressed non-transmission alternatives.								
		<table border="0"> <tr> <td>Oral Testimony</td> <td>November 16, 2008</td> </tr> <tr> <td></td> <td>December 14, 2010</td> </tr> <tr> <td>Rebuttal Testimony</td> <td>November 8, 2010</td> </tr> <tr> <td></td> <td>August 27, 2010</td> </tr> </table>	Oral Testimony	November 16, 2008		December 14, 2010	Rebuttal Testimony	November 8, 2010		August 27, 2010
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Oklahoma Corporation Commission Cause No. PUD 201000092	OK Corporation Commission OK Attorney General	Testimony regarding a 99.2 MW wind farm power purchase agreement and green energy choice tariff proposed by Public Service Company of Oklahoma, addressing cost pre-approval, resource need, and competitive procurement requirements.								
		<table border="0"> <tr> <td>Pre-filed Testimony</td> <td>October 5, 2010</td> </tr> <tr> <td>Oral Testimony</td> <td>November 3, 2010</td> </tr> </table>	Pre-filed Testimony	October 5, 2010	Oral Testimony	November 3, 2010				
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Oklahoma Corporation Commission Cause No. PUD 201000037	Oklahoma Attorney General	Testimony regarding a 198 MW wind farm proposed by Oklahoma Gas & Electric, addressing cost pre-approval, resource need, and competitive procurement requirements.								
		<table border="0"> <tr> <td>Pre-filed Testimony</td> <td>June 11, 2010</td> </tr> </table>	Pre-filed Testimony	June 11, 2010						
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Connecticut Dept. of Public Utilities Control (DPUC) Docket No, 10-02-07	Connecticut Energy Advisory Board (CEAB)	Lead witness sponsoring the CEAB's <i>2010 Comprehensive Plan for the Procurement of Energy Resources</i> .								
		<table border="0"> <tr> <td>Oral Testimony</td> <td>June 2 &amp; 3, 2010</td> </tr> </table>	Oral Testimony	June 2 & 3, 2010						
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Georgia Public Service Commission Docket No. 31081	Georgia Public Service Commission Public Interest Advocacy Staff	Witness sponsoring testimony regarding integrated resource planning methods, renewable energy, solar PV demonstration projects, and uncertainty analysis.
		Written Testimony May 7, 2010 Oral Testimony May 18, 2010
Maine Public Utilities Commission Docket No. 2008-255	Central Maine Power	Testimony regarding CMP's application for approval \$1.5 B Maine Power Reliability Transmission Project. Testimony addressed non-transmission alternatives and economic benefits, economics of proposed solar alternative, wind energy development benefits.
		Oral Testimony October 10, 2008 November 19, 2008 December 21, 2009 February 4, 2010 Rebuttal Testimony December 4, 2009 April 3, 2009
Oklahoma Corporation Commission Cause No. PUD 200900167	Oklahoma Attorney General	Testimony regarding a 102 MW wind farm proposed by Oklahoma Gas & Electric, addressing cost pre-approval, resource need, and competitive procurement. requirements.
		Pre-filed Testimony Sept 29, 2009
Oklahoma Corporation Commission Cause No. PUD 200900099	Oklahoma Industrial Energy Consumers (OIEC)	Testimony regarding a power contract pre-approval and recovery of Independent Evaluator costs of Public Service Company of Oklahoma.
		Pre-filed Testimony July 14, 2009
Connecticut Dept. of Public Utilities Control (DPUC) Docket No, 09-05-02	Connecticut Energy Advisory Board (CEAB)	Lead witness sponsoring the CEAB's 2009 <i>Comprehensive Plan for the Procurement of Energy Resources</i> .
		Oral Testimony June 30, 2009
Connecticut Dept. of Public Utilities Control (DPUC) Docket No, 08-07-01	Connecticut Energy Advisory Board (CEAB)	Lead witness sponsoring the CEAB's 2008 <i>Comprehensive Plan for the Procurement of Energy Resources</i> . This Plan is the first prepared under the State's new integrated resource planning statute.
		Oral Testimony August 28, 2008 September 22, 2008 October 3, 2008
Maine Superior Court Civil Action Docket No. cv-06-705	Worcester Energy Co., Inc.	Expert opinion regarding renewable energy and power procurement services.
		Pre-filed Report January 30, 2008 Oral Testimony March 18, 2009



Hawaii Public Utilities Commission Docket No. 03-0372	Hawaii Division of Consumer Advocacy	Testimony regarding competitive bidding rules and integrated resource planning.  Oral Testimony December 12-16, 2005
Oklahoma Corporation Commission Cause No. PUD 2005-151	Oklahoma Industrial Energy Consumers (OIEC)	Testimony regarding resource planning, prudence of generation investment of Oklahoma Gas & Electric Company.  Pre-filed Testimony September 12, 2005 Rebuttal Testimony September 29, 2005 Oral Testimony October 18, 2005
Oklahoma Corporation Commission Cause No. PUD 2003-076	Oklahoma Industrial Energy Consumers (OIEC)	Testimony regarding resource planning, prudence of generation investment and fuel and purchased power expenses of Public Service Company of Oklahoma.  Pre-filed Testimony January 4, 2005
Oklahoma Corporation Commission Cause No. PUD 2003-633/4	Oklahoma Industrial Energy Consumers (OIEC)	Testimony regarding power contract proposal for Blue Canyon wind development and avoided costs of Public Service Company of Oklahoma.  Pre-filed Testimony August 16, 2004
Civil Litigation Maine Superior Court Docket No. CV-01-24	Central Maine Power Co.	Factual and expert witness in litigation regarding pricing provisions of a purchased power agreement between Central Maine Power and Benton Falls Associates. Deposition Testimony April 28, 2004
Oklahoma Corporation Commission	Oklahoma Attorney General	Testimony regarding power contract proposal for PowerSmith Cogeneration and avoided cost analysis of Oklahoma Gas & Electric Company.  Pre-filed Testimony February 18, 2004 Rebuttal Testimony March 16, 2004 Oral Testimony August 4, 2004
Nevada Public Utilities Commission	Nevada Attorney General Bureau of Consumer Protection	Testimony regarding the Nevada Power Company's Integrated Resource Plan and associated financial plan.  Pre-filed Testimony September 19, 2003 Oral Testimony October 15, 2003
Massachusetts Energy Facilities Siting Council Docket No. EFSB-02-2	Cape Wind	Testimony regarding economic, reliability and environmental need for power in the Massachusetts and New England power markets regarding the need for new wind power facility.  Pre-filed Testimony February 14, 2003 Oral Testimony August 6&7, 2003
Maine State Board of Property Tax Review	United American Hydro	Testimony regarding the Maine and New England power market prices pertaining to the valuation of a hydro-electric power facility in Winslow, Maine.  Oral Testimony June 18, 2003

Nevada Public Utilities Commission Docket No. 03-1014	Nevada Attorney General Bureau of Consumer Protection	Testimony regarding the prudence of Sierra Pacific Power Company in its purchased power expenses for the period December 2001 through November 2002.
		Pre-filed Testimony April 25, 2003
Oklahoma Corporation Commission Cause No. PUD 2002-038	Oklahoma Attorney General	Testimony regarding a power contract proposal of Lawton Cogeneration and the pricing analysis of Public Service Company of Oklahoma.
		Pre-filed Testimony December 16, 2002 Oral Testimony May 22, 2003
Arkansas Public Service Commission	General Staff of the AK Public Service Comm.	Testimony regarding the Development of Competition in Electric Markets and the Impact on Retail Consumers in Arkansas.
		Pre-filed Testimony September 4, 2001
Arkansas Public Service Commission	General Staff of the AK Public Service Comm.	Testimony regarding the Development of Competition in Electric Markets and the Impact on Retail Consumers in Arkansas.
		Pre-filed Testimony September 29, 2000
Arkansas Public Service Commission	General Staff of the AK Public Service Comm.	Testimony regarding the establishment of uniform Policies and guidelines for a Standard Service Package.
		Staff Proposal and Comments June 13, 2000 Reply Comments July 21, 2000 Sur reply Comments August 2, 2000 Oral Testimony August 8, 2000 Petition for Rehearing Rebuttal Testimony November 15, 2000 Oral Testimony November 29, 2000
Arkansas Public Service Commission	General Staff of the AK Public Service Comm.	Testimony regarding the determination of the merits of declaring retail billing services competitive effective At the start of retail open access.
		Oral Testimony June 27, 2000 Pre-filed Rebuttal Testimony June 23, 2000 Pre-filed Testimony June 16, 2000 Oral Testimony May 10, 2000
Arkansas Public Service Commission	General Staff of the AK Public Service Comm.	Testimony regarding the minimum filing requirements for market power studies to be filed by the Arkansas Electric utilities and affiliated retail companies.
		Oral Testimony June 1, 2000

Amer. Arb. Assoc. No. 50T 198 00197-98	Vermont Joint Owners	Testimony regarding economic damages resulting from alleged breach of a long-term purchase power agreement between Hydro-Quebec and Vermont utilities (VJO).								
		<table border="0"> <tr> <td>Oral Testimony</td> <td>May 25, 2000</td> </tr> <tr> <td>Pre-filed Rebuttal Testimony</td> <td>February 10, 2000</td> </tr> <tr> <td>Pre-filed Testimony</td> <td>August 13, 1999</td> </tr> </table>	Oral Testimony	May 25, 2000	Pre-filed Rebuttal Testimony	February 10, 2000	Pre-filed Testimony	August 13, 1999		
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Rhode Island Energy Facilities Siting Board	Indeck-North Smithfield, L.L.C.	Testimony regarding economic, reliability and environmental need for power in the Rhode Island and New England power markets regarding the need for new, merchant power facility.								
		<table border="0"> <tr> <td>Pre-filed Testimony</td> <td>August 16, 1999</td> </tr> <tr> <td>Oral Testimony</td> <td>August 17, 2000</td> </tr> <tr> <td>Pre-filed Testimony</td> <td>January 26, 2001</td> </tr> <tr> <td>Oral Testimony</td> <td>March 23, 2001</td> </tr> </table>	Pre-filed Testimony	August 16, 1999	Oral Testimony	August 17, 2000	Pre-filed Testimony	January 26, 2001	Oral Testimony	March 23, 2001
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Civil Litigation Maine Superior Court Docket No. CV-98-212	Central Maine Power Co.	Factual and expert witness in litigation regarding pricing provisions of a purchased power agreement between Central Maine Power and Regional Waste Systems.								
		<table border="0"> <tr> <td>Deposition Testimony</td> <td>May 5, 1999</td> </tr> </table>	Deposition Testimony	May 5, 1999						
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Connecticut Energy Facilities Siting Council Docket No. 190	PDC – El Paso Meriden LLC	Testimony regarding economic, reliability and environmental need for power in the Connecticut and New England power markets regarding the need for new, merchant power facility.								
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Rhode Island Energy Facilities Siting Council Docket No. SB-98-1	R. I. Hope Energy, L. P.	Testimony regarding economic, reliability and environmental need for power in the Massachusetts and New England power markets regarding the need for new, merchant power facility.								
		<table border="0"> <tr> <td>Oral Testimony</td> <td>November 4, 1998</td> </tr> <tr> <td>Pre-filed Testimony</td> <td>October 30, 1998</td> </tr> </table>	Oral Testimony	November 4, 1998	Pre-filed Testimony	October 30, 1998				
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Massachusetts Energy Facilities Siting Council Docket No. EFSB-91-101A	Cabot Power Corp.	Testimony regarding economic, reliability and environmental need for power in the Massachusetts and New England power markets regarding the need for new, merchant power facility.								
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Massachusetts Energy Facilities Siting Council Docket No. EFSB-97-2	ANP Blackstone Energy	Testimony regarding economic, reliability and environmental need for power in the Massachusetts and New England power markets regarding the need for new, merchant power facility.								
		<table border="0"> <tr> <td>Oral Testimony</td> <td>April 6, 1998</td> </tr> <tr> <td>Pre-filed Testimony</td> <td>January 23, 1998</td> </tr> </table>	Oral Testimony	April 6, 1998	Pre-filed Testimony	January 23, 1998				
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Massachusetts Energy Facilities Siting Council Docket No. EFSB-97-1	ANP Bellingham	Testimony regarding economic, reliability and environmental need for power in the Massachusetts and New England power markets regarding the need for new, merchant power facility.								
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