



## **RESUME FOR WILLIAM ALAN MONSEN**

### **PROFESSIONAL EXPERIENCE**

#### **Principal Monsen Energy Consulting Group, LLC (2017 – Present)**

Provide expert witness testimony, strategic advice, economic analysis, and ratemaking assistance related to electricity and natural gas markets in the western United States to Independent Power Producers, large energy consumers, and third-party providers of retail electricity and natural gas services.

#### **Principal Consultant MRW & Associates, LLC (1989 - Present)**

Specialist in electric utility generation planning, resource auctions, demand-side management (DSM) policy, power market simulation, power project evaluation, and evaluation of customer energy cost control options. Typical assignments include: analysis, testimony preparation and strategy development in large, complex regulatory intervention efforts regarding the economic benefits of utility mergers and QF participation in California's biennial resource acquisition process, analysis of markets for non-utility generator power in the western US, China, and Korea, evaluate the cost-effectiveness of onsite power generation options, sponsor testimony regarding the value of a major new transmission project in California, analyze the value of incentives and regulatory mechanisms in encouraging utility-sponsored DSM, negotiating non-utility generator power sales contract terms with utilities, and utility ratemaking.

#### **Energy Economist Pacific Gas & Electric Company (1981 - 1989)**

Responsible for analysis of utility and non-utility investment opportunities using PG&E's Strategic Analysis Model. Performed technical analysis supporting PG&E's Long Term Planning efforts. Performed Monte Carlo analysis of electric supply and demand uncertainty to quantify the value of resource flexibility. Developed DSM forecasting models used for long-term planning studies. Created an engineering-econometric modeling system to estimate impacts of DSM programs. Responsible for PG&E's initial efforts to quantify the benefits of DSM using production cost models.

**Academic Staff****University of Wisconsin-Madison Solar Energy Laboratory  
(1980 - 1981)**

Developed simplified methods to analyze efficiency of passive solar energy systems. Performed computer simulation of passive solar energy systems as part of Department of Energy's System Simulation and Economic Analysis working group.

**EDUCATION**

M.S., Mechanical Engineering, University of Wisconsin-Madison, 1980.

B.S., Engineering Physics, University of California, Berkeley, 1977.



**William A. Monsen**

**Publications**

1. The Resistance Network Design Method for Passive Solar Systems, with S. A. Klein, W. A. Beckman, and D. M. Utzinger, Proceedings of the 1979 Annual Meeting of the Passive Section of the American Section of the International Solar Energy Society.
2. Prediction of Direct Gain Solar Heating System Performance, with S. A. Klein and W. A. Beckman, Proceedings of the 1980 Annual Meeting of the American Section of the International Solar Energy Society.
3. Prediction of Direct Gain Solar Heating System Performance, with S. A. Klein and W. A. Beckman, Solar Energy, Volume 27, No. 2, pages 143-147, 1981.
4. The Un-Utilizability Design Method for Collector-Storage Walls, with S. A. Klein and W. A. Beckman, Proceedings of the 1981 Annual Meeting of the International Solar Energy Society.
5. The Un-Utilizability Design Method for Collector-Storage Walls, with S. A. Klein and W. A. Beckman, Solar Energy, Volume 29, No. 5, pages 421-429, 1981.
6. Tabular Data for the Un-Utilizability Passive Solar Design Method, with S. A. Klein and W. A. Beckman, Proceedings of the 1981 Annual Meeting of the Passive Section of the American Section of the International Solar Energy Society.
7. Bid Evaluation Process for Power Solicitations. Proceedings of the Infocast Conference on Competitive Bidding for Power Contracts in 1993, March 15, 1993.
8. The Power Market is Reopening. Private Power Executive. July-August 1993.
9. Power Shakeout. Independent Energy, pg. 68. July-August 1994.
10. Financing Options for Demand-side Management Programs: Risk-Reward Tradeoffs for Ratepayers. With Meg Meal and Anne Selting. Paper ID #357. February 1996.
11. Valuation of Purchased Assets and Marketing Strategies. Proceedings of the Electric Power Research Institute's Electric Utilities Environmental Conference, January 11, 1999.

12. Purchasing Commodity Power from Third Parties: Are We Having Fun Yet? Proceedings of the Association of Energy Engineers World Energy Engineering Congress, October 21, 1999.
13. Procuring Power for Retail Customers: Lessons Learned. Undated.
14. California at Sea: The Perfect Political Storm. With Robert B. Weisenmiller and Steven C. McClary. Project Finance NewsWire, Chadbourne & Parke. December 2000.
15. California: The Financial Effects of the Crisis. With Robert B. Weisenmiller, Steven C. McClary, and Heather L. Vierbicher. Project Finance NewsWire, Chadbourne & Parke. June 2001.
16. California: Crisis Over? With Robert B. Weisenmiller, Steven C. McClary, Mark E. Fulmer and Heather L. Vierbicher. Project Finance NewsWire, Chadbourne & Parke. October 2001.
17. Wind Projects Advance in California. With David Howarth and Heather L. Vierbicher. Project Finance NewsWire, Chadbourne & Parke. December 2001.
18. Windpower Contracting Developments in California. With Heather L. Vierbicher and David N. Howarth. Revised February 2002.
19. Wind Power Increasing Its Hold in California. With David Howarth and Heather L. Vierbicher. Natural Gas, Volume 18, Number 8. March 2002.
20. California: The Promised Land for Renewable Energy? With Robert B. Weisenmiller, Heather L. Mehta and David Howarth. Project Finance NewsWire, Chadbourne & Parke. March 2006.
21. Approaches to Resource Adequacy for the Western Interconnection. With David N. Howarth and Laura B. Norin. Report for the Western Governors' Association. (Final Draft) August 2006.
22. Impact of California Environmental Regulations on Energy Facility Valuation. For presentation at the October 2009 International Conference on the Valuation of Plant Machinery and Equipment (IPM). August 12, 2009.
23. California Cap-and-Trade Program Takes Shape. With Sandhya Sundararagavan and Laura Norin. Project Finance NewsWire, Chadbourne & Parke. January 2011.
24. How California's Emissions Program Can Benefit Wind. With Laura Norin and Sandhya Sundararagavan. North American Wind Power. April 2011.

25. New California Rules May Complicate Financing of Renewable Energy Projects. With Laura Norin. Project Finance NewsWire, Chadbourne & Parke. June 2011.
26. Proposed Market Rules May Increase Wind Curtailments. With Laura Norin. North American Wind Power. Volume 8, Number 5. June 2011.
27. California Rules Worry Out-of-State Generators. With Briana Kobor. Project Finance NewsWire, Chadbourne & Parke. May 2012.
28. Guest Juice: CPUC Kicks Comparative Can. With Steven Kelly. California Current. May 11, 2012.
29. Keys to Getting California Power Contracts Approved. With Laura Norin. Project Finance NewsWire, Chadbourne & Parke. April 2013.
30. Additional Power Needed in Southern California. With David N. Howarth. Project Finance NewsWire, Chadbourne & Parke. October 2013.
31. Renewables Face Daytime Curtailments in California. With David N. Howarth. Project Finance NewsWire, Chadbourne & Parke. November 2014.
32. Renewable Energy Faces Daytime Curtailment in California. With David N. Howarth. North American Windpower. December 2014.
33. Uncertainty and Surplus Allowances Dog California Cap-and-Trade Program. With Brandon Charles and Laura Norin. August 2016.



**William A. Monsen**

**Prepared Testimony and Expert Reports**

1. California Public Utilities Commission (CPUC) Applications 90-08-066, 90-08-067, 90-09-001  
Prepared Testimony with Aldyn W. Hoekstra regarding the California-Oregon Transmission Project for Toward Utility Rate Normalization (TURN). November 29, 1990.
2. CPUC Application 90-10-003  
Prepared Testimony with Mark A. Bachels regarding the Value of Qualifying Facilities and the Determination of Avoided Costs for the San Diego Gas & Electric Company for the Kelco Division of Merck & Company, Inc. December 21, 1990.
3. California Energy Commission Docket No. 93-ER-94  
Rebuttal Testimony regarding the Preparation of the 1994 Electricity Report for the Independent Energy Producers Association. December 10, 1993.
4. CPUC Rulemaking 94-04-031 and Investigation 94-04-032  
Prepared Testimony Regarding Transition Costs for The Independent Energy Producers. December 5, 1994.
5. Massachusetts Department of Telecommunications and Energy DTE 97-120  
Direct Testimony regarding Nuclear Cost Recovery for The Commonwealth of Massachusetts Division of Energy Resources. October 23, 1998.
6. CPUC Application 97-12-039  
Prepared Direct Testimony Evaluating an Auction Proposal by SDG&E on Behalf of The California Cogeneration Council. June 15, 1999.
7. CPUC Application 99-09-053  
Prepared Direct Testimony of William A. Monsen on Behalf of The Independent Energy Producers Association. March 2, 2000.
8. CPUC Application 99-09-053  
Prepared Rebuttal Testimony of William A. Monsen on Behalf of the Independent Energy Producers Association. March 16, 2000.
9. CPUC Rulemaking 99-10-025  
Joint Testimony Regarding Auxiliary Load Power and Stand-By Metering on Behalf of Duke Energy North America. July 3, 2000.

10. CPUC Application 99-03-014  
Joint Testimony Regarding Auxiliary Load Power and Stand-By Metering on Behalf of Duke Energy North America. September 29, 2000.
11. CPUC Rulemaking 99-11-022  
Testimony of the Independent Energy Producers Association Regarding Short-Run Avoided Costs. May 7, 2001.
12. CPUC Rulemaking 99-11-022  
Rebuttal Testimony of the Independent Energy Producers Association Regarding Short-Run Avoided Costs. May 30, 2001.
13. CPUC Application 01-08-020  
Direct Testimony on Behalf of Bear Mountain, Inc. in the Matter of Southern California Water Company's Application to Increase Rates for Electric Service in the Bear Valley Electric Customer Service Area. December 20, 2001.
14. CPUC Application 00-10-045; 01-01-044  
Direct Testimony on Behalf of the City of San Diego. May 29, 2002.
15. CPUC Rulemaking 01-10-024  
Prepared Direct Testimony on Behalf of Independent Energy Producers and Western Power Trading Forum. May 31, 2002.
16. CPUC Rulemaking 01-10-024  
Rebuttal Testimony on Behalf of Independent Energy Producers and Western Power Trading Forum. June 5, 2002.
17. Arizona Corporation Commission Docket Numbers E-00000A-02-0051, E-01345A-01-0822, E-0000A-01-0630, E-01933A-98-0471, E01933A-02-0069  
Rebuttal Testimony on Behalf of AES NewEnergy, Inc. and Strategic Energy L.L.C.: Track A Issues. June 11, 2002.
18. CPUC Application 00-11-038  
Testimony on Behalf of the Alliance for Retail Energy Markets in the Bond Charge Phase of the Rate Stabilization Proceeding. July 17, 2002.
19. CPUC Rulemaking 01-10-024  
Prepared Testimony in the Renewable Portfolio Standard Phase on Behalf of Center for Energy Efficiency and Renewable Technologies. April 1, 2003.
20. CPUC Rulemaking 01-10-024  
Direct Testimony of William A. Monsen Regarding Long-Term Resource Planning Issues on Behalf of the City of San Diego. June 23, 2003.

21. CPUC Application 03-03-029  
Testimony of William A. Monsen Regarding Auxiliary Load Power Metering Policy and Standby Rates on Behalf of Duke Energy North America. October 3, 2003.
22. CPUC Rulemaking 03-10-003  
Opening Testimony of William A. Monsen Regarding Phase One Issues Related to Implementation of Community Choice Aggregation On Behalf of the Local Government Commission Coalition. April 15, 2004.
23. CPUC Rulemaking 03-10-003  
Reply Testimony of William A. Monsen Regarding Phase One Issues Related to Implementation of Community Choice Aggregation on Behalf of Local Government Commission. May 7, 2004.
24. CPUC Rulemaking 04-04-003  
Direct Testimony of William A. Monsen Regarding the 2004 Long-Term Resource Plan of San Diego Gas & Electric Company on Behalf of the City of San Diego. August 6, 2004.
25. Sonoma County Assessment Appeals Board  
Expert Witness Report of William A. Monsen Regarding the Market Price of Electricity in the Matter of the Application for Reduction of Assessment of Geysers Power Company, LLC, Sonoma County Assessment Appeals Board, Application Nos.: 01/01-137 through 157. September 10, 2004.
26. Sonoma County Assessment Appeals Board  
Presentation of Results from Expert Witness Report of William A. Monsen Regarding the Market Price of Electricity in the Matter of the Application for Reduction of Assessment of Geysers Power Company, LLC, Sonoma County Assessment Appeals Board, Application Nos.: 01/01-137 through 157. September 10, 2004.
27. Sonoma County Assessment Appeals Board  
Presentation of Rebuttal Testimony and Results of William A. Monsen Regarding the Market Price of Electricity in the Matter of the Application for Reduction of Assessment of Geysers Power Company, LLC, Sonoma County Assessment Appeals Board, Application Nos.: 01/01-137 through 157. October 18, 2004.
28. CPUC Rulemaking 04-03-017  
Testimony of William A. Monsen Regarding the Itron Report on Behalf of the City of San Diego. April 13, 2005.



29. CPUC Rulemaking 04-03-017  
Rebuttal Testimony of William A. Monsen Regarding the Cost-Effectiveness of Distributed Energy Resources on Behalf of the City of San Diego. April 28, 2005.
30. CPUC Application 05-02-019  
Testimony of William A. Monsen SDG&E's 2005 Rate Design Window Application on Behalf of the City of San Diego. June 24, 2005.
31. CPUC Rulemaking 04-01-025, Phase II  
Direct Testimony of William A. Monsen on Behalf of Crystal Energy, LLC. July 18, 2005.
32. CPUC Application 04-12-004, Phase I  
Direct Testimony of William A. Monsen on Behalf of Crystal Energy, LLC. July 29, 2005.
33. CPUC Application 04-12-004, Phase I  
Rebuttal Testimony of William A. Monsen on Behalf of Crystal Energy, LLC. August 26, 2005.
34. CPUC Rulemakings 04-04-003 and 04-04-025  
Prepared Testimony of William A. Monsen Regarding Avoided Costs on Behalf of the Independent Energy Producers. August 31, 2005.
35. CPUC Application 05-01-016 et al.  
Prepared Testimony of William A. Monsen Regarding SDG&E's Critical Peak Pricing Proposal on Behalf of the City of San Diego. October 5, 2005.
36. CPUC Rulemakings 04-04-003 and 04-04-025  
Prepared Rebuttal Testimony of William A. Monsen Regarding Avoided Costs on Behalf of the Independent Energy Producers. October 28, 2005.
37. Public Utilities Commission of the State of Colorado Docket No. 05A-543E  
Answer Testimony of William A. Monsen on Behalf of AES Corporation and the Colorado Independent Energy Association. April 18, 2006.
38. CPUC Application 04-12-004  
Prepared Testimony of William A. Monsen Regarding Firm Access Rights on Behalf of Clearwater Port, LLC. July 14, 2006.
39. CPUC Application 04-12-004  
Prepared Rebuttal Testimony of William A. Monsen Regarding Firm Access Rights on Behalf of Clearwater Port, LLC. July 31, 2006.

40. Public Utilities Commission of Nevada Dockets 06-06051 and 06-07010  
Testimony of William A. Monsen on Behalf of the Nevada Resort Association  
Regarding Integrated Resource Planning. September 13, 2006.
41. CPUC Application 07-01-047  
Testimony of William A. Monsen on Behalf of the City of San Diego Concerning  
the Application of San Diego Gas & Electric Company for Authority to Update  
Marginal Costs, Cost Allocation, and Electric Rate Design. August 10, 2007.
42. Public Utilities Commission of the State of Colorado Docket No. 07A-447E  
Answer Testimony of William A. Monsen on Behalf of the Colorado Independent  
Energy Association. April 28, 2008.
43. CPUC Application 08-02-001  
Testimony of William A. Monsen On Behalf of the City of Long Beach Gas & Oil  
Department Concerning the Application of San Diego Gas & Electric Company And  
Southern California Gas Company For Authority To Revise Their Rates Effective  
January 1, 2009 In Their Biennial Cost Allocation Proceeding. June 18, 2008.
44. CPUC Application 08-02-001  
Rebuttal Testimony of William A. Monsen On Behalf of the City of Long Beach Gas  
& Oil Department Concerning the Application of San Diego Gas & Electric Company  
and Southern California Gas Company For Authority To Revise Their Rates  
Effective January 1, 2009 In Their Biennial Cost Allocation Proceeding. July 10,  
2008.
45. CPUC Application 08-06-001 et al.  
Prepared Testimony of William A. Monsen On Behalf of the California Demand  
Response Coalition Concerning Demand Response Cost-Effectiveness And Baseline  
Issues. November 24, 2008.
46. CPUC Application 08-02-001  
Testimony of William A. Monsen On Behalf of the City of Long Beach Gas & Oil  
Department Concerning Revenue Allocation and Rate Design Issues in The San  
Diego Gas & Electric Company and Southern California Gas Company Biennial Cost  
Allocation Proceeding. December 23, 2008.
47. CPUC Application 08-06-034  
Testimony of William A. Monsen On Behalf of Snow Summit, Inc. Concerning Cost  
Allocation and Rate Design. January 9, 2009.

48. CPUC Application 08-02-001  
Rebuttal Testimony of William A. Monsen on Behalf of the City of Long Beach Gas & Oil Department Concerning Revenue Allocation and Rate Design Issues in The San Diego Gas & Electric Company and Southern California Gas Company Biennial Cost Allocation Proceeding. January 27, 2009.
49. CPUC Application 08-11-014  
Testimony of William A. Monsen on Behalf of the City of San Diego Concerning the Application of San Diego Gas & Electric Company for Authority to Update Cost Allocation and Electric Rate Design. April 17, 2009.
50. Public Utilities Commission of the State of Colorado Docket No. 09-AL-299E  
Answer Testimony of William A. Monsen on Behalf of Copper Mountain, Inc. and Vail Summit Resorts, Inc. – Notice of Confidentiality: A Portion of Document Has Been Filed Under Seal. October 2, 2009.
51. Public Utilities Commission of the State of Colorado Docket No. 09-AL-299E  
Supplemental Answer Testimony of William A. Monsen on Behalf of Copper Mountain, Inc. and Vail Summit Resorts, Inc. October 8, 2009.
52. Public Utilities Commission of the State of Colorado Docket No. 09AL-299E  
Surrebuttal Testimony of William A. Monsen on Behalf of Copper Mountain, Inc. and Vail Summit Resorts, Inc. December 18, 2009.
53. United States District Court for the District of Montana, Billings Division, Rocky Mountain Power, LLC v. Prolec GE, S De RL De CV Case No. CV-08-112-BLG-RFC, “Evaluation of Business Interruption Loss Associated with a Fault on December 15, 2007, of a Generator Step-Up (GSU) Transformer at the Hardin Generating Station, Located in Hardin, Montana,” September 15, 2010.
54. United States District Court for the District of Montana, Billings Division, Rocky Mountain Power, LLC v. Prolec GE, S De RL De CV Case No. CV-08-112-BLG-RFC, “Supplemental Findings and Conclusions Regarding Evaluation of Business Interruption Loss Associated with a Fault on December 15, 2007, of a Generator Step-Up (GSU) Transformer at the Hardin Generating Station, Located in Hardin, Montana,” November 2, 2010.
55. CPUC Application 10-05-006  
Testimony of William Monsen on Behalf of the Independent Energy Producers Association in Track III of the Long-Term Procurement Planning Proceeding Concerning Bid Evaluation. August 4, 2011.

56. Public Utilities Commission of the State of Colorado Docket No. 11A-869E  
Answer Testimony of William A. Monsen on Behalf of Colorado Independent  
Energy Association, Colorado Energy Consumers and Thermo Power & Electric  
LLC. June 4, 2012.
57. CPUC Application 11-10-002  
Testimony of William A. Monsen on Behalf of the City of San Diego Concerning  
the Application of San Diego Gas & Electric Company for Authority to Update  
Marginal Costs, Cost Allocations, and Electric Rate Design. June 12, 2012.
58. Public Utilities Commission of the State of Colorado Docket No 11A-869E  
Cross Answer Testimony of William A. Monsen on Behalf of Colorado  
Independent Energy Association, Colorado Energy Consumers and Thermo Power  
& Electric LLC. July 16, 2012.
59. CPUC Rulemaking 12-03-014  
Reply Testimony of William A. Monsen on Behalf of the Independent Energy  
Producers Association Concerning Track One of the Long-Term Procurement  
Proceeding. July 23, 2012.
60. CPUC Application 12-03-026  
Testimony of William A. Monsen on Behalf of the Independent Energy Producers  
Association concerning Pacific Gas and Electric Company's Proposed Acquisition  
of the Oakley Project. July 23, 2012.
61. CPUC Application 12-02-013  
Testimony of William A. Monsen on Behalf of Snow Summit, Inc. Concerning  
Revenue Requirement, Marginal Costs, and Revenue Allocation. July 27, 2012.
62. CPUC Application 12-03-026  
Rebuttal Testimony of William A. Monsen on Behalf of the Independent Energy  
Producers Association Concerning Pacific Gas and Electric Company's Proposed  
Acquisition of the Oakley Project. August 3, 2012.
63. CPUC Application 12-02-013  
Rebuttal Testimony of William A. Monsen on Behalf of Snow Summit, Inc. in  
Response to the Division of Ratepayer Advocates' Opening Testimony. August 27,  
2012.
64. Public Utilities Commission of the State of Colorado Docket No 11A-869E  
Supplemental Answer Testimony of William A. Monsen on Behalf of Colorado  
Independent Energy Association, Colorado Energy Consumers and Thermo Power &  
Electric LLC. September 14, 2012.

65. Public Utilities Commission of the State of Colorado Docket No 11A-869E  
Supplemental Cross Answer Testimony of William A. Monsen on Behalf of  
Colorado Independent Energy Association, Colorado Energy Consumers and  
Thermo Power & Electric LLC. October 5, 2012.
66. Public Utilities Commission of the State Oregon Docket No UM 1182  
Northwest and Intermountain Power Producers Coalition Direct Testimony of  
William A. Monsen. November 16, 2012.
67. Public Utilities Commission of the State Oregon Docket No UM 1182  
Northwest and Intermountain Power Producers Coalition Exhibit 300 Witness  
Reply Testimony of William A. Monsen. January 14, 2013.
68. CPUC Rulemaking 12-03-014  
Testimony of William A. Monsen on Behalf of the Independent Energy Producers  
Association Concerning Track 4 of the Long-Term Procurement Plan Proceeding.  
September 30, 2013.
69. CPUC Rulemaking 12-03-014  
Rebuttal Testimony of William A. Monsen on Behalf of the Independent Energy  
Producers Association Concerning Track 4 of the Long-Term Procurement Plan  
Proceeding. October 14, 2013.
70. CPUC Application 13-07-021  
Response Testimony of William A. Monsen on Behalf of Interwest Energy Alliance  
Regarding the Proposed Merger of NV Energy, Inc. with Midamerican Energy  
Holdings Company. October 24, 2013.
71. CPUC Application 13-12-012  
Testimony of William A. Monsen on Behalf of Commercial Energy Concerning  
PG&E's 2015 Gas Transmission and Storage Rate Application. August 11, 2014.
72. Public Utilities Commission of Nevada Docket No. 14-05003  
Direct Testimony of William A. Monsen on Behalf of Ormat Nevada Inc. August  
25, 2014.
73. CPUC Application 13-12-012/I.14-06-016  
Rebuttal Testimony of William A. Monsen on Behalf of Commercial Energy  
Concerning PG&E's 2015 Gas Transmission & Storage Application. September 15,  
2014.
74. CPUC Rulemaking 12-06-013  
Testimony of William A. Monsen on Behalf of Vote Solar Concerning Residential  
Electric Rate Design Reform. September 15, 2014.

75. CPUC Rulemaking 13-12-010  
Opening Testimony of William A. Monsen on Behalf of the Independent Energy Producers Association Regarding Phase1A of the 2014 Long-Term Procurement Planning Proceeding. September 24, 2014.
76. CPUC Application 14-01-027  
Testimony of William A. Monsen on Behalf of the City of San Diego Concerning the Application of SDG&E for Authority to Update Electric Rate Design. November 14, 2014.
77. CPUC Application 14-01-027  
Rebuttal Testimony of William A. Monsen on Behalf of the City Of San Diego Concerning the Application of SDG&E for Authority to Update Electric Rate Design. December 12, 2014.
78. CPUC Rulemaking 13-12-010  
Testimony of William A. Monsen on Behalf of the Independent Energy Producers Association Regarding Supplemental Testimony in Phase1A of the 2014 Long-Term Procurement Planning Proceeding. December 18, 2014.
79. CPUC Application 14-06-014  
Opening Testimony of William A. Monsen on Behalf of the Independent Energy Producers Association Regarding Standby Rates in Phase 2 of SCE's 2015 Test Year General Rate Case. March 13, 2015.
80. CPUC Application 14-04-014  
Opening Testimony of William A. Monsen on Behalf of ChargePoint, Inc. Regarding SDG&E's Vehicle Grid Integration Pilot Program. March 16, 2015.
81. Public Utilities Commission of the State of Hawaii Docket No. 2015-0022  
Direct Testimony on Behalf of AES Hawaii, Inc. July 20, 2015.
82. Federal Energy Regulatory Commission Docket Nos. EL02-60-007 and EL02-62-006 (Consolidated)  
Prepared Answering Testimony of William A. Monsen on Behalf of Iberdrola Renewables Regarding Rate Impacts of the Iberdrola Contract. July 21, 2015.
83. Public Utilities Commission of Nevada Docket Nos. 15-07041 and 15-07042  
Prepared Direct Testimony of William A. Monsen on Behalf of the Alliance for Solar Choice (TASC). October 27, 2015.
84. Arizona Corporation Commission Docket No. E-00000J-14-0023  
Rebuttal Testimony of William A. Monsen on Behalf of the Alliance for Solar Choice (TASC). April 7, 2016.

85. Arizona Corporation Commission Docket No. E-01461A-15-0363  
The Energy Freedom Coalition of America's (EFCA) Direct Testimony of William A. Monsen. June 1, 2016.
86. Public Utilities Commission of the State of Colorado Proceeding No. 16AL-0048-E  
Answer Testimony of William A. Monsen on Behalf of Vail Summit Resorts, Inc. June 6, 2016.
87. CPUC Application 15-04-012  
Direct Testimony of William A. Monsen on Behalf of the City of San Diego  
Regarding Marginal Costs, Revenue Allocation, and Rate Design. July 5, 2016.
88. Arizona Corporation Commission Docket No. E-01461A-15-0363  
The Energy Freedom Coalition of America's (EFCA) Direct Testimony of William A. Monsen and Patrick J. Quinn. July 29, 2016.
89. Arizona Corporation Commission Docket No. E-01461A-15-0363  
The Energy Freedom Coalition of America's (EFCA) Rebuttal Testimony of William A. Monsen. August 15, 2016.
90. CPUC Application 15-04-012  
Rebuttal Testimony of William A. Monsen on Behalf of the City of San Diego  
Regarding Marginal Costs, Revenue Allocation, and Rate Design. October 14, 2016.
91. Public Utilities Commission of Nevada Docket No. 16-07001 and 16-08027  
Direct Testimony of William A. Monsen on behalf of Ormat Nevada Inc. November 10, 2016.
92. CPUC Application 15-04-012  
Joint Supplemental Testimony of Cynthia Fang on Behalf of San Diego Gas & Electric Company, R. Thomas Beach on Behalf of The Solar Energy Industries Association, Maurice Brubaker on Behalf of The Federal Executive Agencies, And William A. Monsen on behalf of the City of San Diego. November 14, 2016.
93. CPUC Application 15-04-012  
Joint Supplemental Testimony of Cynthia Fang on behalf of San Diego Gas & Electric Company, Nathan Chau on behalf of The Office of Ratepayer Advocates, William Monsen on behalf of the City of San Diego and Alison M. Lechowicz on behalf of the California City-County Street Light Association. November 16, 2016.
94. Public Utilities Commission of Nevada Docket No. 16-07001 and 16-08027  
Supplemental Direct Testimony of William A. Monsen on behalf of Ormat Nevada Inc. November 17, 2016.

95. Public Utilities Commission of the State of Colorado Proceeding No. 16A-0396E  
Answer Testimony of William A. Monsen on Behalf of Colorado Independent  
Energy Association. December 9, 2016.
96. JAMS Arbitration Case No: 1220049998  
Declaration of William A. Monsen on behalf of Watson Cogeneration Company  
and Camino Energy, LLC. January 11, 2017.
97. CPUC Application A.16-06-013  
Direct Testimony of William A. Monsen and Anna Casas on behalf of South San  
Joaquin Irrigation District. March 15, 2017.
98. CPUC Application A.16-09-003  
Direct Testimony of William A. Monsen on Behalf of the California Solar Energy  
Industries Association in Southern California Edison's Rate Design Window  
Application. April 28, 2017.
99. American Arbitration Association Case No. 01-16-0002-2121  
Claimant Buena Vista Biomass Power, LLC's Expert Witness Disclosure. August  
18, 2017.
100. American Arbitration Association Case No. 01-16-0005-1073  
Expert Report of William A. Monsen on Behalf of Saguaro Power Company.  
September 15, 2017.
101. CPUC Application A.17-05-004  
Direct Testimony of William A. Monsen on behalf of Snow Summit LLC in Bear  
Valley Electric Services General Rate Case Application. September 29, 2017.
102. CPUC Application A.17-05-004  
Rebuttal to Testimony by the Office of Ratepayer Advocates by William A.  
Monsen on Behalf of Snow Summit LLC in Bear Valley Electric Services General  
Rate Case Application. October 27, 2017.
103. Superior Court of California, County of San Diego Case No. 37-2015-00014540-  
CU-MC-CTL  
Declaration in Support of Defendant's Motion for Summary Judgement, or in the  
Alternative, Motion for Summary Adjudication. February 3, 2018.
104. CPUC Application 17-06-030  
Testimony of William A. Monsen on Behalf of the Coalition for Affordable Street  
Lights Concerning Street Light Rates and LED Conversions. March 23, 2018.



105. CPUC Application 17-09-006  
Direct Testimony of William A. Monsen on Behalf of The Western Manufactured Housing Communities Association in Pacific Gas & Electric's 2018 Gas Cost Allocation and Rate Design Proceeding. June 20, 2018.
106. JAMS Arbitration No. 1100088728  
Expert Report by William A. Monsen for Aera Energy, LLC. July 24, 2018.
107. JAMS Arbitration No. 1100088728  
Conclusions and Summary of Opinions of William A. Monsen for Aera Energy, LLC. July 24, 2018.
108. CPUC Application 18-03-003  
Prepared Joint Testimony of Brandon Charles on Behalf of the California Farm Bureau Federation, William A. Monsen on Behalf of the City of San Diego and Cynthia Fang on Behalf of San Diego Gas and Electric Company. August 20, 2018.
109. CPUC Application 18-03-003  
Prepared Supplemental Testimony of Brandon Charles on Behalf of the California Farm Bureau Federation, William A. Monsen on Behalf of the City of San Diego and Cynthia Fang on Behalf of San Diego Gas and Electric Company. September 27, 2018.



**William A. Monsen**

**Depositions**

1. “Application of Nevada Power Company for approval of its 2006 Integrated Resource Plan, Docket No. 06-06051” and “Application of Sierra Pacific Power Company for approval of the Thirteenth Amendment to 2005-2024 Integrated Resource Plan and for approval of the Energy Supply Plan Update for 2007,” Docket No. 06-07010, Nevada Public Utilities Commission, September 19, 2006.
2. “Rocky Mountain Power, LLC (Plaintiff) vs. Prolec GE, S De RL De CV (Defendant), Case No. CV-08-112-BLG-RFC, United States District Court for the District of Montana, Billings Division, November 30, 2010.
3. “Public Utilities Commission of the State of California, Complainant, vs. Sellers of Long-Term Contracts to the California Department of Water Resources,” Federal Energy Regulatory Commission, Docket N. EL02-62-006, September 28, 2015.
4. “Application of Nevada Power Company d/b/a NV Energy and Application of Sierra Pacific Power Company d.b.a NV Energy for Approval of a Cost of Service Study and Net Metering Tariffs,” Docket Nos. 15-07041 and 15-07042, November 6, 2015.
5. “Watson Cogeneration Company, Camino Energy, LLC, Claimants vs. BP West Coast Products LLC, Tesoro Refining & Marketing Company LLC, Respondents,” JAMS Arbitration Case No: 1220049998, March 2, 2017.
6. “Buena Vista Biomass Power, LLC, Claimant vs. Sacramento Municipal Utility District, Respondent,” American Arbitration Association Case No. 01-16-0002-2121, October 2, 2017.



## **William A. Monsen**

### **Presentations**

1. Southwest and Nevada Power Markets: Opportunities and Obstacles. The Eleventh Independent Energy Producers Meeting, Fallen Leaf Lake, CA. October 13, 1992.
2. Bid Evaluation Process for Power Solicitations. Infocast, Inc. Conference. San Francisco. March 15-16, 1993.
3. The Re-Opening of the California Market. The Eighth Annual Cogeneration & Independent Power Market Conference. March 23, 1993.
4. Effective Procedures for Soliciting and Awarding Bids: The Private Developer's Perspective. Private Sector Power in Indonesia. Organized by AIC Conferences. Jakarta. February 7-8, 1994.
5. Determining Market Clearing Prices. Pacific Coast Operators Group. September 15, 1994.
6. Testing the Cost - Effectiveness of the Pilgrim Nuclear Plant. Coalition of Non-Utility Generators. September 28, 1994.
7. Utility Stranded Investment and Exit Fees: Understanding How Much It May Cost You to Leave Your Local Utility. October 21, 1995.
8. Financing Options for Demand-Side Management Programs: Risk-Reward Tradeoffs for Ratepayers. With Meg Meal and Anne Selting. Paper ID #357. ACEEE. February 16, 1996.
9. How Much are the Assets Worth? With Robert B. Weisenmiller, Ph.D. The Purchasing Power Generation Facilities in California Seminar. San Francisco. August 9, 1996.
10. Competition Transition Charge/Stranded Cost Proceedings: Opportunities for Intervention. With G. Alan Comnes. San Francisco. October 30, 1996.
11. IPP Perspective on How Electric Industry Restructuring Affects Contract Renegotiation. Successful Strategies for Negotiation Purchased Power Contracts Seminar. Washington, DC. With G. Alan Comnes. January 27, 1997.

12. IPP Perspective on How Electric Industry Restructuring Affects Contract Renegotiation. Infocast. May 4, 1998.
13. Valuation of Purchased Assets and Marketing Strategies. Electric Utilities Environmental Conference (EPRI). Tucson, AZ. January 11, 1999.
14. Unregulated Power Markets. Warburg Dillon Read Lease Finance Conference. San Diego. February 8, 1999.
15. Purchasing Commodity Power from Third Parties: Are We Having Fun Yet? World Energy Engineering Congress Association of Energy Engineers. Atlanta. October 21, 1999.
16. Power Procurement: Past Models and Emerging Players. West Coast Management Congress Association of Energy Engineers. San Jose. June 22, 2000.
17. It Can (and Did) Happen Here: The California Energy Crisis of 2000-2001. Women's Transportation Seminar. May 23, 2001.
18. Energy Services Procurement: A Few Lessons Learned. With Suzie Kito. August 7, 2001.
19. Standby Rates in California: We Just Have to be Different. National Association of Energy Service Companies (NAESCO). Chicago. May 15, 2002.
20. Implementing a Community Aggregation Program – Part 1. CCA. June 2, 2003.
21. Implementing a Community Aggregation Program – Part 2. CCA. June 2, 2003.
22. Panel Presentation. Chadbourne & Parke 18th Annual Global Energy and Finance Conference. Deer Valley, Utah. June 14-15 2007.
23. Carbon Policy as a Market Driver. Independent Energy Producers Association. September 25, 2007.
24. Paying for Electrons: Overview of Utility Tariffs and Rates. Mitsubishi Solar Conference. September 19, 2008.
25. Review of Business Plan for Marin Clean Energy. Sausalito, CA. November 18, 2008.
26. Criteria and Screening Process. EECBG. As Consultant to City of San Diego. June 25, 2009.

27. Criteria and Scoring Proposal. EECBG. As Consultant to City of San Diego. July 2, 2009.
28. Responses to Committee Data Requests. As Consultant to City of San Diego. July 10, 2009.
29. The Effect of California's Changing Regulatory Environment on Existing and New Qualifying Facilities. WSPA. August 19, 2009.
30. Impact of California Environmental Regulations on Energy Facility Valuation. International Conference on the Valuation of Plant Machinery and Equipment. San Francisco. October 7, 2009.
31. Analysis of Service Agreement and Financial Risk to MEA. Consultant to Marin City Manager's Association. November 23, 2009
32. Analysis of Service Agreement and Financial Risk to MEA. Consultant to Marin City Manager's Association. December 1, 2009.
33. Analysis of Service Agreement and Financial Risk to MEA. Consultant to Marin City Manager's Association. December 7, 2009.
34. Risks to Novato of Participation in Marin Clean Energy CCA. September 26, 2011.
35. California Market Trends: Uncertainties and Opportunities. Independent Energy Producers Association. Fallen Leaf Lake. October 4, 2011.
36. Benefits & Risks to Richmond Participation in Marin Clean Energy CCA. October 25, 2011.
37. Interaction of Natural Gas and Electricity Markets: A California Perspective. CRESPEC October 26, 2011
38. New Wind Curtailment Rules May Complicate Project Finance for Lenders and Developers. EUEC. January 31, 2012.
39. Curtailment of Renewable Variable Energy Resources. EUCI Webinar. With Steven C. McClary and Brandon Charles. April 26, 2012.
40. Cost of Generation Workshop: Financing Assumptions. Staff Workshop on the Cost of New Renewable and Fossil-Fueled Generation in California. With Richard McCann. March 7, 2013.
41. California's Renewable Portfolio Standard. Northwest Power and Conservation Council. California Power Markets Symposium. September 5, 2013.

42. The Mix: Facts, Figures, and the Future. Independent Energy Producers Annual Meeting, Fallen Leaf Lake, CA. September 26, 2013.
43. Conclusions and Summary of Opinions of William A. Monsen for Aera Energy, LLC. July 23, 2018.