

## IREC NOI Attachment 3

### STEVEN CALDWELL McCLARY

#### PROFESSIONAL EXPERIENCE

**Principal**  
**MRW & Associates, LLC**  
**(1990 - Present)**

Specialist in economic and regulatory policy analysis, gas and electric supply planning, contract development, and transmission planning. Analyzed fuel supply strategy for municipal utility clients, negotiated power transmission and fuel supply contracts for new generating resources, prepared regulatory filings and testimony for developers and operators of non -utility generators, helped develop strategy in siting cases and related regulatory application for major new cogeneration project. Represented independent power interests in a major state regulatory proceeding regarding access to transmission systems of California utilities. Assisted large independent power developer preparing bid for submittal in California resource auction.

**Manager, Policy Development**  
**Resource Management International, Inc.**  
**(1985 - 1990)**

Responsible for regulatory and legislative affairs, transmission development, financing and economic analysis for association of municipal utilities. Managed load/resource planning and strategic assessments for municipal utility clients. Prepared regulatory analysis for potential cogeneration developer.

**Electric Generation Systems Specialist**  
**California Energy Commission**  
**(1984 - 1985)**

Responsible for resource plan assessment, power import policy analysis, and forecasting of natural gas requirements for enhanced oil recovery projects.

**Consultant**  
**Sigma Group**  
**(1984)**

Performed analysis of market potential in California for electricity sales by Canadian utility; prepared assessment of impact on natural gas sales of non -firm power purchases by California utilities.

**Energy Analyst**  
**California Energy Commission**  
**(1977 - 1979)**

Prepared survey of alternative nuclear generation technologies; participated in evaluation of nuclear waste and reprocessing techniques. Developed analytical framework for statewide energy analysis.

#### EDUCATION

Graduate studies in Energy Resource Planning, University of California, Davis, 1984  
B.A., Physics, University of California, Santa Cruz, 1976

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#### PUBLICATIONS

1. *Nuclear Fuel Reprocessing and High-Level Waste Disposal*. An Interim Report. July 1977.
2. *Power Flows Are Not a Dark Secret Anymore*. With William Stephenson. Private Power Executive. March-April 1994.
3. *California at Sea: The Perfect Political Storm*. With Robert B. Weisenmiller and William A. Monsen. Project Finance News Wire, Chadbourne & Parke LLP. December 2000.
4. *California: The Financial Effects of the Crisis*. With Robert B. Weisenmiller, William Monsen, and Heather Vierbicher. Project Finance News Wire, Chadbourne & Parke LLP. June 2001.
5. *California: Crisis Over?* With Robert B. Weisenmiller, William A. Monsen, Mark E. Fulmer and Heather L. Vierbicher. Project Finance News Wire, Chadbourne & Parke LLP. October 2001.
6. *California Generation: Valuable Assets or Fool's Gold?* With Robert B. Weisenmiller, William A. Monsen and Heather Vierbicher. Project Finance News Wire, Chadbourne & Parke LLP. June 2002.
7. *The Schwarzenegger Energy Policy?* With Robert B. Weisenmiller and Heather Vierbicher. Project Finance News Wire, Chadbourne & Parke. December 2003.
8. *California: Back to Business or Déjà Vu??* With Robert Weisenmiller, Mark E. Fulmer, and Heather Vierbicher, Natural Gas and Electricity, Vol., 20, No., 12, July 2004
9. *Nuclear Power in California: Status Report*. With Robert B. Weisenmiller and David N. Howarth. California Energy Commission, CEC-150-2006-001-F. March 2006.
10. *Nuclear Power in California: 2007 Status Report*. With Robert B. Weisenmiller, Heather L. Mehta, and Laura B. Norin. California Energy Commission, CEC-1002007-005-F. October 2007.
11. *AB 1632 Assessment of California's Operating Nuclear Plants*. With Heather L. Mehta, Mark E. Fulmer, and Laura B. Norin. California Energy Commission, CEC-100-2008-005-F. October 2008.
12. *Framework for Evaluating Greenhouse Gas Implications of Natural Gas-fired Power Plants in California*. With Robert B. Weisenmiller, Heather L. Mehta, Mark E. Fulmer, and Briana Kobor. California Energy Commission, CEC-7002009-009-F. May 2009.
13. *Greenhouse Gas Emissions Impact Analysis of Calpine's Buckeye and Wildhorse Power Plants*. Prepared for Calpine Corporation. January 25, 2011.

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**PREPARED TESTIMONY**

1. CPUC Investigation 90-09-050  
Prepared Direct Testimony of Steven C. McClary regarding Policy Issues for the Interim Transmission Access Program on Behalf of Destec Energy, Inc. March 13, 1992.
2. CPUC Investigation 90-09-050  
Prepared Rebuttal Testimony of Steven C. McClary regarding Policy Issues for the Interim Transmission Access Program on Behalf of Destec Energy, Inc. March 27, 1992.
3. CPUC Investigation 90-09-050  
Prepared Direct Testimony of Steven C. McClary regarding Policy Issues for the Interim Transmission Access Program on Behalf of Destec Energy, Inc. Revised April 7, 1992.
4. CPUC Application 93-12-029  
Testimony of David R. Branchcomb and Steven C. McClary on Behalf of the Independent Energy Producers Association regarding an Open Access Transmission Tariff as a Condition to PBR. September 16, 1994.
5. CPUC Application 93-12-025  
Testimony of Steven C. McClary on Behalf of the Independent Energy Producers Association regarding the Proposed Settlement in the Southern California Edison General Rate Case. February 14, 1995.
6. CPUC Application 96-11-020  
Testimony of Steven C. McClary on Behalf of the Independent Energy Producers Association regarding Divestiture. February 25, 1997.
7. CPUC 96-11-046  
Testimony of Steven C. McClary on Behalf of the Independent Energy Producers Association regarding Divestiture. March 3, 1997.
8. Federal Energy Regulatory Commission EC97-20-000  
Affidavits of William S. Stephenson and Steven C. McClary on Behalf of Destec Energy, Inc. and NGC Corporation. March 14, 1997.
9. Federal Energy Regulatory Commission ER98-4301-0000  
Affidavit of Steven C. McClary on Behalf of Thermo Ecotek regarding the Application of Mountainview Power Company for Market-Based Rates and Expedited Approval. August 18, 1998.
10. Federal Energy Regulatory Commission ER98-4302-0000  
Affidavit of Steven C. McClary on Behalf of Thermo Ecotek regarding the Application of Riverside Canal Power Company for Market-Based Rates and Expedited Approval. August 18, 1998.

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11. CPUC Application 98-06-045  
Direct Testimony of Steven C. McClary on Behalf of California Cogeneration Council, Independent Energy Producers Association, and Monsanto Company regarding Line Loss Factors. September 1998.
12. United States District Court, Northern District of California, San Francisco Division Case No C00-1699 MJJ, C99-1106MJJ, C00-1698  
Declaration in Support of QST's Memorandum in Opposition to Motion in Limine to Exclude Evidence from QST Regarding CTC Credits. May 7, 2001.
13. United States District Court, Northern District of California, San Francisco Division Case No C00-1699 MJJ, C99-1106MJJ, C00-1698  
Declaration in Support of QST's Motion in Limine No. 1. May 7, 2001.
14. American Arbitration Association Case No. 71 198 00711 00  
Deposition of Steven C. McClary on Behalf of Sonnenschein, Nath and Rosenthal regarding PG&E vs. ISO. September 21, 2001.
15. CPUC Rulemaking 02-01-011  
Direct Testimony of the Alliance for Retail Energy Markets and the Western Power Trading Forum on Direct Access Exit Fee Issues. June 6, 2002.
16. CPUC Application 00-10-045  
Reply Testimony of Steven C. McClary on Behalf of the Alliance for Retail Energy Markets. June 14, 2002.
17. CPUC Application 02-01-011  
Reply Testimony of the Alliance for Retail Energy Markets and the Western Power Trading Forum on Direct Access Exit Fee Issues. June 20, 2002.
18. CPUC Application 98-07-003  
Testimony of Steven C. McClary on Behalf of the Alliance for Retail Markets and the Western Power Trading Forum on Post-PX Direct Access Credit Issues. June 21, 2002.
19. CPUC Rulemaking 02-01-011  
Testimony of the Alliance for Retail Energy Markets and the Western Power Trading Forum on Departing Load Exit Fee Issues. September 11, 2002.
20. CPUC Application 98-07-003 (Post-PX Direct Access Credits) Rebuttal Testimony of the Alliance for Retail Energy Markets and the Western Power Trading Forum on Post-PX Direct Access Credit Issues. September 13, 2002.
21. CEC Docket No. 00-AFC-1  
Testimony Regarding Local System Effects of Potrero Power Plant Unit 7. November 2002.
22. Superior Court of California for the County of San Diego Case No. GIC 773867  
Declaration in Support of Tenderland Power Company, Inc.'s Motion for Summary Judgment, or in the alternative Summary Adjudication. December 13, 2002.

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23. CPUC Rulemaking 02-01-011  
Reply Testimony of the Alliance for Retail Energy Markets and the Western Power Trading Forum on the Setting of the Direct Access Cost Responsibility Surcharge Cap. March 19, 2003.
24. CPUC Rulemaking 02-01-011  
Rebuttal Testimony of the Alliance for Retail Energy Markets and the Western Power Trading Forum on CRS Cap Issues. March 26, 2003.
25. CPUC Rulemaking 01-10-024  
Testimony of the Western Power Trading Forum on Utility Long Term Resource Plans. June 23, 2003.
26. CPUC Rulemaking 01-10-024  
Rebuttal Testimony of Western Power Trading Forum on Utility Long Term Resource Plans. July 14, 2003.
27. Superior Court of California for the County of Orange Case No. 02CC14776  
Declaration in Opposition of Plains Resources, Inc.'s Motion for Summary Judgment, or in the Alternative, Summary Adjudication. October 2003.
28. United States Bankruptcy Court  
Affidavit of Proposed Ordinary Course Professional for Debtor and Disclosure Statement Pursuant to Bankruptcy Code Sections 327, 329 and 504, Bankruptcy Rules 2014 and 2016 and the Order Authorizing Retention of Ordinary Course Professionals. December 3, 2003.
29. CPUC Application 03-10-022  
Prepared Testimony of the Alliance for Retail Energy Markets on Updating the Market Rate Price Benchmark for Determining the 2004 CTC Revenue Requirement. December 16, 2003.
30. CPUC Rulemaking 04-04-003  
Prepared Direct Testimony of Steven C. McClary on Behalf of Duke Energy North America. August 6, 2004.
31. CPUC Applications 04-06-018 and 04-04-008  
Testimony of Steven C. McClary on Behalf of the Alliance for Retail Energy Markets Concerning the Economic Development Rate Applications of PG&E and SCE. September 15, 2004.
32. CPUC Applications 04-06-018 and 04-04-008  
Rebuttal Testimony of Steven C. McClary on Behalf of the Alliance for Retail Energy Markets Concerning the Economic Development Rate Applications of PG&E and SCE. October 5, 2004.
33. CPUC Applications 04-08-008  
Testimony of Steven C. McClary on Behalf of the Alliance for Retail Energy Markets on Updating the Market Price Benchmark for Determining the 2005 CTC Revenue Requirement. November 12, 2004

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34. American Arbitration Association Case No. 72 Y 0023604 VSS  
Expert Report of Steven C. McClary on Issues Related to the California Energy Market, the PX Energy Credit and Retail Supply Provisions. November 15, 2004.
35. CPUC Application 04-12-014  
Prepared Testimony of Steven C. McClary on Behalf of the Direct Access Customer Coalition in Response to Southern California Edison Test Year 2006 General Rate Case Application. May 6, 2005.
36. CPUC Application 04-12-014  
Rebuttal Testimony of Steven C. McClary on Behalf of the Direct Access Customer Coalition. May 25, 2005.
37. CPUC Application 05-06-007  
Prepared Testimony of the Alliance for Retail Energy Markets on Updating the Market Price Benchmark for Determining the 2005 CTC Revenue Requirement. September 19, 2005.
38. American Arbitration Association Case No. 73 198 00019 05 MAVI  
Expert Report of Steven C. McClary on Issues Related to the California Energy Market, Historical Procurement Charge, and Cost Responsibility Surcharge. April 3, 2006.
39. American Arbitration Association Case No. 73 198 00019 05 MAVI  
Expert Report of Steven C. McClary on Response to Expert Report of Richard J. McCann on Behalf of Claimant Oakley, Inc. April 3, 2006.
40. American Arbitration Association Case No. 72 Y 19800656 04 VSS  
Expert Report of Steven C. McClary on Issues Related to the California Energy Market and Direct Access Cost Responsibility Surcharge. June 27, 2006.
41. CPUC Rulemaking 06-02-013  
Testimony on Behalf of the Alliance for Retail Energy Markets (with Sue Mara). March 2, 2007.
42. CPUC Application 07-01-047  
Testimony on Behalf of FuelCell Energy, Inc. August 10, 2007.
43. CPUC Application 08-03-002  
Prepared Direct Testimony of Steven C. McClary on Behalf of the Simon Property Group, Inc. Concerning the Application of SCE to Establish Marginal Costs, Allocate Revenues, and Design Rates. October 31, 2008.
44. California Energy Commission  
Framework for Evaluating Greenhouse Gas Implications of Natural Gas-fired Power Plants in California, on Behalf of Aspen Environmental Group (with Robert B. Weisenmiller, PhD). June 23, 2009.
45. California Energy Commission  
Framework for Evaluating Greenhouse Gas Implications of Natural Gas-fired Power Plants in

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California, on Behalf of Aspen Environmental Group for Carlsbad, California. February 3, 2010.

46. CPUC Application 09-12-020  
Direct Testimony of South San Joaquin Irrigation District Concerning Pacific Gas And Electric Company's 2011 General Rate Case Phase 1 Application (with Laura B. Norin). May 19, 2010.
47. CPUC Application 10-10-007 and 10-10-009  
Testimony of Steven C. McClary on Behalf of UCAN Concerning SDG&E's Proposed Small Commercial and Residential Dynamic Pricing Programs. February 18, 2011.
48. CPUC Application 10-12-005  
Testimony of Steven McClary and Laura Norin on Behalf of UCAN concerning SDG&E's General Rate Case. September 22, 2011.
49. CPUC Application 11-06-007  
Testimony of Steven C. McClary on Behalf of the California Black Chamber of Commerce and County of Los Angeles. February 6, 2012.
50. CPUC Application 11-10-002  
Testimony of Steven McClary and Laura Norin on Behalf of San Diego Consumers' Action Network (SDCAN) Concerning SDG&E's General Rate Case Phase II. June 12, 2012.
51. CPUC Application 12-03-001  
Concurrent Direct Testimony of Merced Irrigation District and Modesto Irrigation District. August 24, 2012.
52. CPUC Application 12-03-001  
Rebuttal Testimony of Merced Irrigation District and Modesto Irrigation District. October 19, 2012.

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#### PRESENTATIONS

1. “Independent Power Opportunities.” The City and County of San Francisco, March 31, 1993
2. “California’s Resource Procurement Process.” Sceptre Power Company, May 6, 1993
3. “California’s Resource Procurement Process.” J. Makowski Associates, Inc, September 5, 1993
4. “Overview of Pacific Northwest Power Market.” Second Annual Independent Power Seminar Toronto, November 29, 1993
5. “First Look: PG&E Proposed 'Open Access' Comparable Service Transmission Tariffs.” IEP Members Meeting, May 24, 1994.
6. “There They Go Again—Will California Reinvent Retail Wheeling?” September 20, 1994
7. “The Problem of Stranded Investment.” A Presentation to AECA/CLFP, November 16, 1994
8. “First Look: PG&E Proposed 'Open Access' Comparable Service Transmission Tariffs.” IEP Members Meeting. May 4, 1995.
9. “Transmission is the Highway, IEP and 'Open Access' Comparable Service Transmission Tariffs.” IEP/Power Marketers Meeting, June 29, 1995
10. “Northeast Stranded Costs Issues.” Adventures in Competition: Navigating the Uncharted Course of Competitive Electric Power. Albany, NY. September 25, 1996.
11. “Contracting with the Utility Distribution Company.” Opportunities in the Competitive California Energy Market. San Francisco. July 14, 1997.
12. “Reciprocity: A Tool, Not a Cause.” NARUC. San Francisco. July 22, 1997.
13. “ISO/PX Issues: Kelco Energy Task Force.” Monsanto Company, August 19, 1997.
14. “Electric Industry Restructuring in California.” Williams Energy Group, August 27, 1997.
15. “Electric Industry Restructuring in California.” Morrison & Foerster MidAmerican, October 20, 1997.
16. “Utility Deregulation...There They Go Again.” ICMA Best Practices Symposium, April 19, 1998.
17. “Market Assessment for the AES Acquisition of Alamitos, Huntington Beach and Redondo Generating Stations.” Credit Suisse First Boston, April 22, 1998.
18. Presentation at IEP’s 17th Annual Meeting. Fallen Leaf Lake. September 27-30, 1998.



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19. "Price Volatility in Electricity Markets." Conference on Independent Power and Project Finance. October 30, 1998
20. "Energy Deregulation Status Briefing." Stanislaus Resource Recovery Facility, November 2, 1998.
21. "How did California Utilities Get Themselves in a \$10 Billion Unhedged Position?" Williams Energy Marketing and Trading Company. February 19, 1999.
22. "Strategic Assessment of SDG&E Gas Issues." Duke Energy North America, November 18, 1999
23. "California 2000: Trainwreck or Speedbump?" IPPNY Annual Fall Conference, October 18, 2000.
24. "California 2001: The Winter of Our Discontent." Credit Lyonnais. January 17, 2001.
25. "In the Line of Fire: Lessons from the California Experience." IPPNY Annual Spring Conference, May 9, 2001.
26. "Generation Diversity: Solar in Perspective." Legislative Briefing, March 1, 2005.
27. "Power Options for New Water Development." New Water and the Role of Power: An Urban Water Conference, January 31, 2006.
28. Nuclear Power in California: 2006 Status Report." San Diego Regional Energy Office Nuclear Power Workshop, May 12, 2006.
29. Curtailment of Renewable Variable Energy Resources. EUCI Webinar. With William A. Monsen and Brandon Charles. April 26, 2012.

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**RECENT TRIAL DEPOSITIONS**

1. Panda Energy Corporation v. Heard Energy Corporation, et al., March 2000
2. Mervyn's and Target Corporation v. QST Energy Inc., United States District Court, Northern District of California, San Francisco Division, Case No. C99-1106 MJJ ENE. February 5, 2001.
3. PG&E v. California Independent System Operator, American Arbitration Association, Case No. 71 198 00711 00, September 21, 2001
4. Robin Weber v. Tenderland Power Company, Inc., Superior Court of the State of California for the County of San Diego, Case No. GIC 773867 (Consolidated with Case No. GIC 774551), August 23, 2002.
5. California Portland Cement Company v. New West Energy Corporation, American Arbitration Association, Case No. 72 Y 0023604 VSS, December 10, 2004