

Cynthia Mitchell Climate Impact Advisory Committee

From: noreply@civicplus.com
Sent: Monday, January 06, 2020 12:24 PM
To: Ben Glassett; Jill Nixon; Suzanne Mildner; Kristi Felbinger; Dana Brown-Davis; Executive; NaDean Hanson; Cathy Halka
Subject: Online Form Submittal: Board and Commission Application

Board and Commission Application

Step 1

Application for Appointment to Whatcom County Boards and Commissions

Public Statement

THIS IS A PUBLIC DOCUMENT: As a candidate for a public board or commission, the information provided will be available to the County Council, County Executive, and the public. All board and commission members are expected to be fair, impartial, and respectful of the public, County staff, and each other. Failure to abide by these expectations may result in revocation of appointment and removal from the appointive position.

Title	Ms.
First Name	Cynthia
Last Name	Mitchell
Today's Date	1/6/2020
Street Address	2729 Cody Circle, Unit 202
City	BELLINGHAM
Zip	98225
Do you live in & are you registered to vote in Whatcom County?	Yes
Do you have a different mailing address?	Field not completed.
Primary Telephone	7758486798
Secondary Telephone	Field not completed.
Email Address	cynthiakmitchell@gmail.com

Step 2

- | | |
|---|--|
| 1. Name of Board or Committee | Climate Impact Advisory Committee |
| Climate Impact Advisory Committee Position: | I have previous work or educational experience in food security. |
| 2. Do you meet the residency, employment, and/or affiliation requirements of the position for which you're applying? | Yes |
| 3. Which Council district do you live in? | District 1 |
| 4. Are you a US citizen? | Yes |
| 5. Are you registered to vote in Whatcom County? | Yes |
| 6. Have you declared candidacy (as defined by RCW 42.17A.055) for a paid elected office in any jurisdiction within the county? | No |
| 7. Have you ever been a member of this Board/Commission? | No |
| 8. Do you or your spouse have a financial interest in or are you an employee or officer of any business or agency that does business with Whatcom County? | No |
| You may attach a resume or detailed summary of experience, qualifications, & interest in response to the following questions | <u>Mitchell Resume 2020.doc</u> |
| 9. Please describe your occupation (or former occupation if retired), qualifications, professional | see resume |

and/or community activities, and education

10. Please describe why you're interested in serving on this board or commission

My resume highlights my life's work as a utility consumer advocate and energy economist, starting with the OPEC 73-74 oil embargo ground floor of an organic, indigenous, infectious groundswell of homegrown utility consumer advocates that swept the country. What began for me decades ago as a social-welfare advocacy response to high utility bills for the most vulnerable and disadvantaged, is now the existential crisis of all time, with energy – utilities a major contributor to greenhouse gas emissions.

Moving to Bellingham 2016, January 2018 I provided analysis and findings concerning Puget Sound Energy's (PSE) 2017 IRP from a demand side perspective for the Sierra Club to the Washington Utilities and Transportation Commission. As PSE's retires from the Colstrip units, the utility appears poised for a massive buildout of natural gas generation (upwards of near 2,000 MW) over the next 20 years, though counter to the State's and PSE's (stated) preferred carbon emission profile. November and December 2018, I conducted trainings for the Attorney General of Washington, Public Counsel Unit, on utility Integrated Resource Planning (IRP), and various issues and matters related to Puget Sound Energy's apparent massive buildout of gas generation and gas LNG storage facilities. More recently, I assisted the Bellingham Climate Action Task Force in the update of the Energy Supply portion of the COB's climate, pointing out the distinctions between PSE's gas buildout and the ability to meet the City's 2030 carbon zero goal through a combination of wind and solar with storage, and distributed energy resources. Critical aspects of my work, effort, contribution, is included in the Energy Supply portion of the Plan.

This region faces significant environmental threat from the growing confluence of pressures between some of the dirtiest coal, oil, and gas deposits in North America -- Powder River Basin coal, Bakken shale oil, Alberta tar sands, and remote gas fields -- and the most energy-hungry economies in the world. If successful, these energy firms will unleash the carbon equivalent of roughly five Keystone XL Pipelines. To get products to market, new terminals and pipelines are needed for the scores of oil and coal trains to run across the Northwest. By geographic accident, the greenest corner of North America, will play an outsize role in determining the planet's climate future.

Implementation of Washington's May 2019 SB 5116 Clean Energy Transformation Act (CETA) is critical as the state's largest investor owned utility Puget Sound Energy exits out of

ownership shares of the Montana Colstrip power plants and appears poised for a gas generation build-out. Cascade Gas no less interested in running itself out of business with fuel conversion gas to residential electric furnaces, water heaters, and commercial and industrial processes.

Not captured in my resume is my training and knowledge beyond energy and utilities to economically sustainable and environmentally sound policies and practices in transportation, water, agriculture, and land use. I have followed and studied these rubrics cube challenges and opportunities throughout my life, focusing in on regional and local matters since relocating to Bellingham. I am an optimist, work well with other people, love collaboration, and, want to serve my community.

References (please include daytime telephone number):

Michael Lilliquist 360 920-2684
Alex Rammel 360 305-5079
Christine Grant 206 331-7111

Signature of applicant:

cynthia mitchell

Place Signed / Submitted

2729 Cody Circle #202 Bellingham WA 98225

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Cynthia K. Mitchell, Principal Economic Consulting LLC

Contact Information

2729 Cody Circle #202
Bellingham, WA 982259
775 848-6798

cynthiakmitchell@gmail.com

Education

B.A. Gerontology, 1978, University of Utah
M.S. Economics, 1980, University of Utah

Professional Employment History

- Chief Economist, Nevada Attorney General's Bureau of Consumer Protection 1981-1990, (formerly the Consumer Advocate's Office).
- Economic Consulting LLC. Private consultant on energy planning and resource procurement, renewables, energy efficiency. 1990 – present.

Professional Interests

My involvement in energy and utility issues has spanned over 40 years and has included roles as diverse as Utah Community Action Association energy specialist on utility rate issues for seniors and low income, chief economist for the Nevada Attorney General's Consumer Advocate's Office, expert witness to state public utility commissions and consumer advocate offices in over a dozen states and the District of Columbia, and employment and consulting with several public and private energy firms.

My expertise has embraced traditional utility rate making and regulatory matters with emphasis on cost allocation and rate design; to integrated resource planning (IRP), to economic analysis of utility industry competition, restructuring, deregulation, and alternative regulation. In the newly formed Nevada Consumer Advocate's Office, Jon Wellinghoff¹ secured in 1983 in state legislation-- The Nevada Utility Resource Planning Act -- requiring Nevada electric utilities to periodically submit to the Commission their long range "integrated resource plans" (IRP) for meeting future energy needs through the lowest cost, best mix of resources -- most often energy efficiency and non-utility generation.

Through the eighties and into the nineties Wellinghoff's Nevada integrated resource plan legislation and regulations swept the country, copycatted at the state and federal level. From 1989 to 1993 I worked in part with the National Consumer Advocates Association (NASUCA) developing a training manual on integrated resource planning and conduct a series of state trainings and workshops around the country. I also conducted a series of surveys tracking IRP substantive and procedural components on a state-by-state basis. This series was instructive in

¹ Jon went on to become chairman of the Federal Energy Regulatory Commission (2009 to 2013). The FERC is a U.S. government agency that regulates the interstate transmission of electricity, natural gas, and oil.

defining integrated resource planning on a national level and was published and referenced by numerous organizations including U.S. Department of Energy, Edison Electric Institute, Lawrence Berkeley Labs, World Resources Institute and World Watch Institute. Through the 1990's and into 2000+ I worked for several states on a multi-year basis in a number of regulatory and ratemaking proceedings on various aspects of utility resource planning and procurement

At the tail end of the 2000-2001 California energy crisis when the state began re-regulation, I started up with The Utility Reform Network (TURN)², on all aspects of utility funded energy efficiency (about \$1 billion annual ratepayer monies). I have been on the cutting edge of all aspects of efficiency program planning and development, implementation, and measurement and verification of benefits and savings. I have promoted California energy efficiency in breaking new ground to meter based savings and performance that will in part manage large commercial buildings, including their HVAC units and chillers, as part of the building's overall system, and make those savings available to the distribution grid as distributed energy resources. Energy savings can be measured against a metered baseline to support business investments in efficiency, with a realistic expectation of profit. Efficiency in concert with demand response and storage are being used to ease the burdens on transmission and distribution infrastructure for greater system reliability and resiliency. My engagement with TURN included annual low income energy efficiency proceedings.

Moving to Bellingham 2016, January 2018 I provided analysis and findings concerning Puget Sound Energy's (PSE) 2017 IRP from a demand side perspective for the Sierra Club to the Washington Utilities and Transportation Commission. As PSE's retires from the Colstrip units, the utility appears poised for a massive buildout of natural gas generation (upwards of near 2,000 MW) over the next 20 years, though counter to the State's and PSE's (stated) preferred carbon emission profile.

November and December 2018, I conducted trainings for the Attorney General of Washington, Public Counsel Unit, on utility Integrated Resource Planning (IRP), and various issues and matters related to Puget Sound Energy's apparent massive buildout of gas generation and gas LNG storage facilities. I detailed how PSE's business model requiring a steady stream of capital intensive investments to generate stable cash flows for shareholder earnings was underlying PSE's gas buildout, and creates a perverse incentive to avoid meaningful modifications in electric and natural retail load, particularly at times of critical winter weather related peak energy requirements. I discussed and documented how utility scale wind and solar are cost competitive with gas generation, and how utilities and regulatory commissions are increasingly embracing distributed energy resources – combined energy efficiency, demand response, and energy storage. Bundled as distributed energy resources, efficiency, demand

² TURN is a statewide grassroots, nonprofit, consumer advocacy organization that has been active for over 40 years in California energy and utility issues, and was a model for the formulation of consumer advocate organizations throughout the country in the late 1970's.

response, and storage, can be a new utility resource and asset type, with flexible load management and reliable measurements.

More recently, I have been assisting the Bellingham Climate Action Task Force in the update of the Energy Supply portion of the COB's climate, pointing out the distinctions between PSE's gas buildout and the ability to meet the City's 2030 carbon zero goal through a combination of wind and solar with storage, and distributed energy resources.

Professional Accomplishments and Projects

2006 – 2013. Arkansas Attorney General's Office. Analyses, comments and testimony in numerous IRP, EE, SER Proceedings. Numerous cases and proceedings.

2009. Northwest Independent Power Producers Coalition (NIPPC), Seattle Washington. Testimony re. Idaho Power Company's Application for a Certificate of Public Convenience and Necessity for the Langely Gulch Power Plant.

2009. National AARP, Austin, Texas. Comments proposed energy efficiency regulations and utility plans AARP Kansas and Oklahoma and Testimony AARP New Mexico.

2009-2008. Barbara R. Alexandar, Consumer Affairs Consultant, Maine. Supporting analyses for DOE Report "State Mandates for Renewable, Energy Efficiency, and Peak Load Demand Reductions: An Analysis of Promises Made and Implications for Low Income Customers" and "Energy for Colorado's Economy: Creating Jobs and Economic Growth with Renewable Energy".

July 2004 – December 2004. Southwest Energy Efficiency Project SWEEP, Howard Geller. Develop an energy efficiency strategy and plan for Nevada. The energy efficiency strategy and plan builds upon existing state and local government, utility, and private sector policies and programs. The efficiency strategy addresses both electricity and natural gas use in the state and includes energy savings goals, costs, and benefits. It includes recommendations for possible state regulatory and legislative initiatives, as well as possible initiatives not requiring legal or regulatory action. The recommendations include new policies and programs as well as enhancements to existing policies and programs.

November 2003 – September 2004. U.S. Foods/Winnemucca Farms, Winnemucca, Nevada. Nevada Public Utility Commission Docket 02-5030 Rulemaking Amendments to the Nevada Electric Utility Resource Planning Regulations. Written comments and workshop presentations on long term avoided cost rates for cogeneration and small power production. Current work includes contract negotiations with Sierra Pacific.

June 2003 – April 2004. Nevada State Office of Energy (NSOE) Carson City, Nevada.

Report: Design Considerations for a Voluntary Tariff-Based Green Pricing Program for Nevada. Wrote report as subcontractor to Desert Research Institute's Green Power Committee.

Nevada

September 2002. Nevada Department of Human Services, Welfare Division; Department of Business and Industry, Housing Division.

Evaluation of Nevada's special revenue fund created during the 2001 legislative session, *The Nevada Fund for Energy Assistance and Conservation*, to assist eligible Nevadans in maintaining essential heating and cooling services. Assessment of program design for the Department of Human Resources, Welfare Division, that administers the existing federal and new state energy assistance funds, and the Department of Business & Industry Housing Division that administers the Weatherization Assistance Program. The evaluation report will be presented to the 2003 Nevada Legislature.

March – May 2002. Washoe County Senior Law Project, Reno.

Assistance on implementation issues associated with the Universal Energy Charge (UEC) established by the 2001 Nevada Legislature to assist low-income households with unaffordable energy bills.

September 2000 – May 2001. Nevada Association of Counties (NACO), Carson City.

Report: *Making Nevada's Competitive Electricity Markets Work for Residential, Small Business, and Governmental Customer* co-authored with Steve Bradhurst, then a planning and management consultant, now Director of the Washoe County Regional Water Planning Commission. The report was for NACO's 2001 Nevada legislative effort to provide retail choice to Nevada's residential, small business, and governmental customers through community aggregation. Under then legislated but not yet implemented Nevada deregulation statutes, residential, small business and governmental customers would have been severely restricted in their ability to achieve any price competition or customer choice given their inability to aggregate into potent buying groups.

While much of the California debate over the pros and cons of deregulation focused on the wholesale market, Ms. Mitchell recognized that the California deregulation statutes' explicit restriction against opt-out aggregation was a fatal flaw in achieving workable competition that should not be repeated in Nevada. Mr. Bradhurst and Hadfield worked with Ms. Mitchell to bring price competition and customer choice to all customers. The Mitchell-Bradhurst report for NACO was provided to all state legislators and other key policy makers. Ms. Mitchell and Mr. Bradhurst also assisted NACO with legislative bill drafting and related community aggregation efforts.

2000. EnergySource, Inc., Reno.

Work on a variety of energy broker competitive electricity projects.

March 1999. Corporation for Solar Technology and Renewable Resources (CSTRR), Las Vegas. Docket No. 97-8001, before the Nevada PUC. Restructuring of Electric Industry. Rulemaking on Nevada Renewable Portfolio Standard (RPS). CSTRR written comments to the Nevada PUC on implementation of Nevada's RPS pursuant to AB 366. Participation in PUC workshops and analysis and comment on PUC proposed RPS regulation.

September 1997 - January 1999. Nevada Bureau of Consumer Protection, Carson City. Docket No. 97-8001, before the Nevada PUC. Investigation of Issues to be considered as a result of Restructuring of Electric Industry (pursuant to A.B. 366). Assistance to the BCP as a subcontractor to JBS Energy Inc. on a series of rulemaking and workshop written comments. Reference Bill Marcus, Principal Economist JBS Energy Inc., Sacramento, CA. 530/372-0534.

1998. Truckee Meadows Regional Planning Agency, Reno.

Served on the (Northern Nevada) Regional Utility Corridor Citizens Advisory Committee to the Truckee Meadows Regional Planning Agency, responsible for the development of a collaborative plan for utility corridors to facilitate Northern Nevada growth for the next 20 years.

August 1989. Ormat Energy Systems, Inc., Sparks.

Docket No. 89-752, before the Nevada PUC. Rulemaking on Nevada Senate Bill 497, the Indigenous Resources Act. White Paper on behalf of Ormat Energy Systems, Inc. "*Accounting for the Economic Effects of Indigenous Resources in Utility Least-Cost Planning*". Developed methodology accepted by the Nevada PUC for reflecting the economic benefits of in-state resource development.

July 1981- July 1989. Nevada Bureau of Consumer Protection, Reno.

Chief Economist. Testimony and case management on a variety of electric utility rate and regulatory matters, specializing in cost of service allocation and rate design. Work on the nation's first full-featured integrated resource planning (IRP) model. Review, case organization, strategy analysis, management of consultants, and presentation of testimony on Sierra Pacific and Nevada Power IRP filings, including but not limited to load forecasting, demand-side management, utility-sponsored energy efficiency programs, avoided cost calculations, utility and non-utility supply side resources, resource integration, preferred plan selection, and utility and ratepayer financial analyses.

National

1990-1993. National State Consumer Advocates /Department of Energy (NASUCA/DOE)

Co-manager of the National State Consumer Advocates /Department of Energy (NASUCA/DOE) IRP Regulatory Intervention Project. Prepared an IRP training manual Least-Cost Utility Planning: Consumer Participation Manual. Conducted and/or participated in IRP workshops in Georgia, Indiana, Mississippi, Missouri, New Mexico, South Carolina, Texas, Utah, and West Germany.

Oregon

April 1999. Perkins Cole, Inc.

Under contract with JBS Energy, Inc., assisted in the preparation of a report comparing customer service standards for Perkins Cole in connection with the merger of Scottish Power and PacifiCorp.

- Nationwide research on reliability and customer service standards in place in state Commissions and in individual utilities.

Texas

February 1996-January 1997. Environmental Defense Fund of Texas.

Project Nos. 14400, 15000, 15001 and 15002, before the Texas PUC. Generic Proceedings on Competitive Resource Acquisition and IRP Proposal for Publication, Industry Restructuring, Stranded Investment Report, and Scope of Competition Report.

- Review, evaluation, and comment on the PUC's proposed generic proceedings and rulemaking processes on all aspects of electric utility industry restructuring to comply with State of Texas statutory requirements and directives.

March 1996. Texas Ratepayer's Organization to Save Energy (TX ROSE).

Docket No. 13575, before the Texas PUC. TU Electric Power Company Petition Following Remand and Statement of Intent for Approval of Demand-Side Management Programs, Renewable Resources Agreement and Requests Regarding Cost Recovery Mechanisms, and Other Relief. Comments and Testimony on behalf of the

- Review and evaluation of the reasonableness of TUEC's proposed competitive solicitation processes for DSM, renewables, and non-utility supply-side resources; and proposed cost recovery mechanisms.

February 1995. Texas Ratepayer's Organization to Save Energy (TX ROSE).

Docket No. 13575, before the Texas PUC. TU Electric Power Company Notice of Inquiry: Request to Construct Generation Facilities, and Request for Approval for DSM and Renewables Solicitation Contracts.

- Review and evaluation of the prudence and reasonableness of TUEC's test period DSM programs and proposed DSM and Renewables Solicitation Contracts.

January 1994. Texas Ratepayer's Organization to Save Energy (TX ROSE).

IRP Rulemaking Proceedings, before the Texas PUC. Report entitled "Public Interest Parties Suggested Text for Governing Electric Utility Integrated Resource Planning in Texas".

- Development of a proposed IRP rule for the State of Texas. Written comments on various substantive and procedural IRP issues, and review and comment on other parties' comments was provided.

November 1994. Texas Ratepayer's Organization to Save Energy (TX ROSE). Docket No. 12065, before the Texas PUC. HL&P Rate Adjustment Proceeding.

- Review and evaluation of the prudence and reasonableness of HL&P test period DSM programs.

July 1993. Texas Ratepayer's Organization to Save Energy (TX ROSE).

Docket No. 11735, before the Texas PUC Testimony on TU Electric Rate Increase Application. Rate Design Phase.

- Review and analysis of the reasonableness of TUEC's Cost of Service Study and Rate Design from the perspective of consistency with IRP primary criterion of minimization of utility total revenue requirement and customer total costs. Recommended modifications to both TUEC's COS and Rate Design to conform to IRP principles.

June 1993. Texas Ratepayer's Organization to Save Energy (TX ROSE).

Docket No. 11735, before the Texas PUC. Testimony on TU Electric Rate Increase Application, Revenue Requirements Phase.

- Review and analysis of TUEC's energy efficiency and load management proposed shareholder incentive mechanism.

Montana

April 1996. Montana Public Service Commission.

Docket No. D95.11.177, Evaluation of PacifiCorp's 1995 Resource and Marketing Planning Program.

- Review of all intervenor comments regarding PacifiCorp's IRP filing, and an examination and determination of compliance w/PSC IRP regulations. An independent review and assessment of PacifiCorp filing and written report was provided.

September 1995. Montana Public Service Commission.

Docket 95.6.30, Evaluation of Montana Power Company's 1995 Integrated Resource Plan, on behalf of the Montana PSC.

- Review of all intervenor comments regarding MPC's IRP filing, and an examination and determination of compliance with PSC IRP regulations. An independent review and assessment of MPC's filing and written report was also provided.
- Review and comments dovetailed ongoing Commission proceedings on electric utility industry restructuring with a focus on possible revisions to the goal and purpose of IRP in a more competitive environment with an emphasis on new approaches to DSM evaluation amid implementation.

January 1995. Montana Public Service Commission.

Docket 94.4.19, Evaluation of PacifiCorp's 1993 Resource and Marketing Planning Program.

- Review of all intervenor comments regarding PacifiCorp's IRP filing and an examination and determination of compliance with PSC IRP regulations. An independent review and assessment of PacifiCorp filing and written report was also provided.

March 1994. Montana Public Service Commission.

Docket 93.9.41, Evaluation of Montana Dakota Utilities 1993 Integrated Resource Plan.

- Review of all intervenor comments regarding MD U's IRP filing, to determine compliance with PSC IRP regulations. An independent review and assessment of MDU filing and written report was also provided.

August 1993. Montana Public Service Commission.

Docket No. 93.3.9, Evaluation of the Public Comments on Montana Power Company's March 1993 Integrated Resource Plan, Report on behalf of the Montana PSC.

- Review of all intervenor comments regarding MPC's IRP filings to examine and determine compliance with PSC IRP regulations. Work also involved independent review and assessment of MPC filing and written report followed by a one-day presentation to PSC regarding consultant findings on all aspects of MPC's filing from load forecast, demand-side management potentials assessment, supply-side resource potentials assessment, integration of demand and supply-side resources and development of preferred long range resource plan. A review and assessment of MPC's existing and proposed DSM programs was also provided.

District of Columbia

January 1995. District of Columbia Office of People's Counsel.

Formal Case 917, Phase II, before the D.C. PSC. Testimony on PEPCO's 1994 Resource Plan, on behalf of the.

- Detailed review and development of findings and recommendations regarding the quality of Pepco's implementation of existing DSM programs. Work also included a review of pre- and post-program audit reports, worksheets, and rebate calculations for all programs. In addition, a detailed review, and development of findings and recommendations regarding Pepco's Early Chiller Replacement component of its Custom Rebate Program was also presented.

January 1995. District of Columbia Office of People's Counsel.

Formal Case 939, before the District of Columbia Public Service Commission (D.C. PSC), Direct and Rebuttal Testimony on Potomac Electric Power Company (PEPCO) Rate Case.

- Detailed review and development of findings and recommendations regarding the prudence and reasonableness of Pepco's test period DSM programs.

January 1995. District of Columbia Office of People's Counsel.

Formal Case 921, Review and comment on Washington Gas Company's 1994 Integrated Least Cost Resource Plan.

- Review and evaluation of WG's resource plan, with particular attention to proposed and existing DSM programs.

April 1994. District of Columbia Office of People's Counsel.

Formal Case 934, before the D.C. PSC. Testimony on Washington Gas Company Rate Case.

- Review and evaluation of WG's test period DSM programs and associated expenditures. Testimony filed, case stipulated.

October 1993. District of Columbia Office of People's Counsel.

Formal Case 929, before the D.C. PSC, Direct and Rebuttal Testimony on PEPCO Rate Case.

- Review and development of findings and recommendations regarding the quality of Pepco's implementation of existing DSM programs; and a detailed review, and development of findings and recommendations regarding Pepco's additional Impact Evaluation work.

Recommendations regarding adjustments to the Company's request for increase in allowed revenues were provided.

October 1992. District of Columbia Office of People's Counsel.

Formal Case 917, before the D.C. PSC. Direct and Rebuttal Testimony on PEPCO's 1992 Resource Plan.

- Detailed review, and development of findings and recommendations regarding the quality of Pepco's implementation of existing DSM programs. A review of pre- and post-program audit reports, worksheets, and rebate calculations for all programs was presented. Work also involved detailed review, and development of findings and recommendations regarding Pepco's Impact Evaluation Reports on its Residential AC/HP and Commercial Lighting Programs.

August 1991. District of Columbia Office of People's Counsel.

Formal Case 905, before the D.C. PSC. Direct and Rebuttal Testimony PEPCO Rate Case.

Investigation into the provision of additional financial incentives to encourage utility investment in DSM

- Review and comment on barriers to Pepco's implementation of successful DSM programs. Recommendations regarding the reasonableness, criteria, and methodology implementing lost revenue and shared savings incentive mechanisms were provided. Consultant's work also focused on importance of sound measurement and evaluation protocols as prerequisites to DSM incentive mechanisms.

September 1990. District of Columbia Office of People's Counsel.

Formal Case 834, Phase II, before the D.C. PSC. Direct and Rebuttal Testimony on PEPCO's 1990 Resource Plan.

- Development of findings and recommendations regarding Pepco's analysis of technical feasibility cost effectiveness, and achievable DSA4 potential over 20 year planning horizon, and findings and recommendations regarding Pepco's existing and proposed DSM programs. Testimony also addressed the importance of sound measurement and evaluation protocols for Pepco.

Georgia

March 1996. Consumers' Utility Counsel Division of the Governor's Office of Consumer Affairs (CUC).

Docket Nos. 6315 & 6325-U, before the Georgia Public Service Commission (PSC). Testimony on the Application of Georgia Power Company for Certification of a Residential Load Management Program.

- Review and analysis of GPC's proposal to implement three residential load management programs. Case stipulated after filing of intervener testimonies.

April 1994. Consumers' Utility Counsel Division of the Governor's Office of Consumer Affairs (CUC).

LCP Proceeding, Evaluation of Georgia Power Company's Submittal to Expand its Custom Lighting Program to Include Ceiling Insulation, High Efficiency Heating Ventilating and Air Conditioning, and Efficient Motors. Report on behalf of the Georgia PSC.

- Review and evaluation of the Company's proposed revisions to its Custom Lighting DSM program.

October 1991. Consumers' Utility Counsel Division of the Governor's Office of Consumer Affairs (CUC).

Docket No. 4047-U, before the Georgia PSC. Testimony on Rulemaking on Integrated Resource Planning on behalf of the CUC.

- Testimony on the key procedural and substantive components of a comprehensive IRP rule.

Kansas

February 1994. State of Kansas Citizens Utility Ratepayer Board (CURB).

Docket No. 180.056-U, before the Kansas Corporation Commission. Testimony on the KCC's proposed IRP rule for Kansas.

- Presentation in support of the Commission's proposed IRP rule.

August 1993. State of Kansas Citizens Utility Ratepayer Board (CURB).

Docket No. 180.056-U, before the KCC. Comments on the KCC's draft IRP rule for Kansas.

- Participation in several workshops on the various procedural and substantive components of IRP before the KCC.

June 1992. State of Kansas Citizens Utility Ratepayer Board (CURB).

Docket No. 180.056-U, before the KCC. Investigation into the adoption of an IRP regulation for Kansas.

- Participation in 4 Commission workshops on the development of a proposed IRP rule for the state of Kansas. Written comments on various key substantive and procedural IRP issues, and review and comment on other parties' comments was provided.

California

June 1994. California Energy Resources Conservation and Development Commission.

In the Matter of the Preparation of the 1994 State of California Electricity Report.

- Report *DSM Investment in the Noncore Gas Market: An Analysis of Obstacles and Approaches*.

September 1994. California Energy Resources Conservation and Development Commission.

In the Matter of the Preparation of the 1994 State of California Electricity Report.

- Report *Integrated Resource Planning and Competition in the Electric Services Industry*.

Colorado

June 1992. Land and Water Fund of the Rockies.

Docket No. 91A-480EG, before the Colorado PSC. Rulemaking on Decoupling.

- Testimony on IRP and DSM implementation successes in other jurisdictions and reasonableness of LWF's proposed decoupling mechanism.

Louisiana

November 1990. Alliance for Affordable Energy.

Docket UD-90-3, testimony before the Council of the City of New Orleans regarding the “Electrification” Campaign of New Orleans Public Service, Inc.

- Testimony before the New Orleans City Council on NOPSI’s campaign to provide rebates to residential customers for fuel switching gas space heating and water heating to electric.

July 1987. Alliance for Affordable Energy.

State of Louisiana Senate Subcommittee, presentation on Least Cost Planning for the State of Louisiana.

Testimony before the Nevada PUC as Chief Economist for the Nevada Consumer Advocate’s Office, 1981-1989

- Docket No. 89-651: Electric and Natural Gas Utility Financial Incentive Rulemaking.
Docket No. 90-701: Southwest Gas Company’s 1990 Southern Nevada Resource Plan.
Docket Nos. 90-256 and 90-302: Sierra Pacific’s Application for Interruptible and Time-of-Use Tariffs.
Docket No. 90-I 85: Sierra Pacific’s 1989 Revised Demand-Side Resource Plan.
Docket No. 89-965: Sierra Pacific’s 1989 Resource Plan Cost Recovery.
Docket No. 88-701: Nevada Power’s 1988 Resource Plan.
Docket No. 88-676: Sierra Pacific’s 1989 Resource Plan.
Docket No. 88-530: NV Geothermal Industry’s Petition that Sierra Cease and Desist a Competitive Bid.
Docket No. 88-111: Nevada Power’s DSM Cost Recovery Application.
Docket No. 87-833: Nevada Power’s Fourth Resource Plan Cost Recovery.
Docket No. 86-120: Nevada Power’s 1986 Avoided Cost Filing.
Docket No. 86-843: Nevada Power’s 1986 Resource Plan Cost Recovery
Docket No. 86-702: Nevada Power’s 1986 Resource Plan.
Docket No. 86-701: Sierra Pacific’s 1986 Resource Plan.
Docket Nos. 85-1004 and 85-1005: Nevada Power’s and Sierra Pacific’s Avoided Cost/Qualifying Facilities.
Docket No. 85-833: Nevada Power’s 1984 Resource Plan Cost Recovery.
Docket No. 85-832: Nevada Resource Planning Rulemaking.
Docket No. 84-725: Sierra Pacific Resource Plan Amended Two-Year Plan
Docket No. 84-724: Nevada Power Resource Plan Amended Two-Year Plan.
Docket No. 83-1142: Sierra Pacific General Electric Rate Case on Rate Design.
Docket Nos. 2357 and 82-498: PURPA Load Management and RCS Rules

Utah

April-December 1981. Eugene Coyle and Associates, Berkley, CA.

Conservation and load management program for Utah Power & Light Company commercial electric customers.

November-December 1981. Burke Leahy and Associates, Wenatchee, Washington.
Conservation and load management program for Utah rural electric municipality.

March-June 1980. College of Business, University of Utah
Teaching Assistant, Business Statistics.

January-March 1980. Department of Economics, University of Utah.
Research Assistant. Project: Regional Economic Analysis.

June 1979- July 1975. Utah Energy Advocacy Project, Utah Community Action Association, SLC, Utah.
Public awareness, community organizing, and strategic planning with Utah CAPs, state and local community groups on major Utah electric and natural gas issues. Statewide energy efficiency and renewable energy workshops and statewide energy advocacy newsletter.

October-December 1978. Western Action Training Institute, Denver, Colorado.
Regional newsletter on community impact issues from energy resource development.

August- October 1978. Center for Social and Environmental Concerns, Helena, Montana.
Report: Electric Utility Study: Federal Region VIII.

June-August 1978. League of Women Voters, Utah Chapter.
Coordinator for statewide “Sun Day” conference.

Presentations

September 2014. “Planning in a Time of Change”. Annual Meeting. Northwest & Intermountain Independent Power Producers Coalition (NIPPC), Seattle Washington.

June 2009. *Energy Efficiency Mandates: What are They and Do They Work?*, NASUCA Mid-Year Meeting, Boston MA.

August 2008. *Is Energy Efficiency Enough? An Exploration of California Per Capita Electricity Consumption Trends*, Cynthia Mitchell, Reuben Deumling and Gill Court, Energy Economics, Inc., presented to American Council for an Energy Efficient Economy (ACEEE) Summer Study on Energy Efficiency in Buildings, Asilomar Conference Center, Pacific Grove, California

June 2008. *Miracle or Mirage: The California Efficiency Success Story*, NASUCA Mid-Year Meeting, Salt Lake City Utah.

November 2007. *Is Energy Efficiency Enough? Part 1: Can CA EE Savings Explain CA's Per Capita Consumption Trend? Part 2: A Different View on CA's Electric IOUs EE Savings* Cynthia Mitchell, Reuben Deumling and Gill Court, Energy Economics, Inc., ACEEE BEHAVIOR, ENERGY AND CLIMATE CHANGE CONFERENCE, Sacramento CA.

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