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Commissioner : C.W. Wood
Adm. Law Judge : M.S. Wetzel

CALIFORNIA PUBLIC UTILITIES COMMISSION

ORA
Office of Ratepayer Advocates

QUALIFICATIONS OF WITNESSES

FOR

SOUTHERN CALIFORNIA EDISON COMPANY'S

GENERAL RATE CASE

Test Year 2003

Application No. 02-05-004

San Francisco, California
October 17, 2002

OFFICE OF RATEPAYER ADVOCATES
QUALIFICATIONS OF WITNESSES
FOR SOUTHERN CALIFORNIA EDISON COMPANY’S
TEST YEAR 2003 GENERAL RATE CASE

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**QUALIFICATIONS AND PREPARED TESTIMONY
OF
BERNARD O. AYANRUOH**

Q.1. Please state your name and address.

A.1. My name is Bernard O. Ayanruoh. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst V in the Office of Ratepayer Advocates.

Q.3. Please describe briefly your educational background and work experience.

A.3. I graduated from the University of San Francisco in 1981 with a Bachelor of Science Degree in Accounting. In 1983, I obtained a Master Degree in Finance from Golden Gate University, San Francisco. I am a Certified Public Accountant licensed in the State of Maryland. I joined the California Public Utilities Commission in 1985. Since that time, I have performed audits and analyses of utility operations, prepared reports and testified in various energy rate proceedings. I have also been staff project manager and auditor-in-charge on several proceedings involving most of the major energy utilities under the jurisdiction of this Commission.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for Chapter 1 – Introduction, Chapter 17 – Depreciation and Amortization Expense and Reserve and Chapter 20 -- Post Test Year Ratemaking in the Report on the Results of Operations.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

QUALIFICATIONS AND DIRECT TESTIMONY
Of
DONNA-FAY BOWER

Q1. Please state your name and business address.

A1. My name is Donna-Fay Bower. I am employed by the California Public Utilities Commission, Edmund G. "Pat" Brown Building, 505 Van Ness Avenue, San Francisco, California 94102-3298.

Q2. What is your position with the California Public Utilities Commission?

A2. I am a Public Utility Financial Examiner III in the Energy Cost of Service Branch of the Office of Ratepayer Advocates (ORA).

Q3. Please describe your educational background and professional experience.

A3. I graduated from College of Alameda with an Associate of Arts Degree in Fashion Arts. I subsequently graduated from California State University Hayward with a Bachelor of Science Degree in Business Administration – Accounting Option. I am a member of the Institute of Management Accountants (IMA), past president of the Alameda County-South Chapter, a former National Director of IMA, former president of the Golden West Regional Council, and former National Vice President. I am also a member of the Stuart Cameron McLeod Society of IMA.

I joined the Commission staff in April 1981. I have examined the financial records of various utilities under the jurisdiction of the Commission including gas, electric, and water utilities. I have testified in several proceedings before this Commission.

In addition, I have had extensive work experience at the Commission with general rate case proceedings, having participated on audits pertaining to Administrative and General Expenses, Operations and Maintenance Expenses, as well as Plant and Plant Held For Future Use. I have served as the Assistant Project Manager on the Canadian Affiliate Investigation of Non Gas Costs of Pacific Gas and Electric Company (PG&E) and Administrative Coordinator on PG&E's 1999 General Rate Case. I was the Project Coordinator for PG&E's Catastrophic Event Memorandum Account (CEMA), Southern California Gas Company's CEMA, and PG&E's, Southern California Edison Company' (SCE), and San Diego Gas & Electric Company's (SDG&E) 1999 Annual Transition Cost Proceeding (ATCP). I was the Project Coordinator on the 1999, 2000, and 2001 ATCP for PG&E, SCE, and SDG&E.

Q4. What is your area of responsibility in this proceeding?

A4. I am sponsoring Chapter 3 Administration and General Expenses in the Report on the Results of Examination.

Q5. Does this complete your testimony?

A5. Yes, it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
JOE CABRERA**

Q.1 Please state your name and address.

A.1 My name is Joe Cabrera. My business address is 505 Van Ness Avenue, 4th floor, San Francisco, California 94102.

Q.2 What is your position with the California Public Utilities Commission?

A.2 I am employed by the California Public Utilities Commission (CPUC) as a Public Utilities Regulatory Analyst in the Energy Cost of Service Branch of the Office of Ratepayer Advocates (ORA).

Q.3 Will you please state briefly your educational background and work experience.

A.3 I am a graduate of California State University, Sacramento, with a Bachelor of Science degree in Accounting. I also hold a Master of Science degree in Taxation from Golden Gate University, San Francisco. Prior to the Commission, I worked for the Department of the Treasury, Internal Revenue Service, for 5-1/2 years as an Internal Revenue Agent, and in public accounting with a CPA firm.

I have been employed by the CPUC since October of 1985. From October 1985 through July of 1988, I participated in financial and compliance examinations as well as performed a variety of analysis and advisory work in the former Commission Advisory and Compliance Division.

From 1988 to 1992 I was a part time Lecturer of Accounting in the Department of Accounting, School of Business, at San Francisco State University. Prior to this I was an Adjunct Professor at National University in the Graduate School of Taxation.

I have been the ORA tax witness since August 1988. As the tax witness, I am responsible for federal and state income, and other tax estimates in general rate cases, advocating tax policy in other proceedings, as well as providing a variety of advisory work for other divisions within the Commission on matters related to taxation and ratemaking. In addition to ratemaking tax policy, I have advocated ORA positions on a variety of issues such as qualifying facility contract administration, service quality, performance based ratemaking, emergency response standards, electric system reliability and public purpose programs.

Q.4. What are your areas of responsibility in this proceeding?

A.4 I am sponsoring Chapter 15, Taxes.

Q.5 Does that complete your prepared testimony?

A.5 Yes, it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
ANTHONY FEST**

Q.1. Please state your name and address.

A.1. My name is Anthony Fest. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed as a Public Utility Regulatory Analyst in the Electric Cost of Service Branch of the Office of Ratepayer Advocates at the California Public Utilities Commission (CPUC). I joined the CPUC staff in 1997, working in the Energy Division. My duties included working on rate cases before the Federal Energy Regulatory Commission (FERC), as well as reviewing a variety of Advice Letters from electric companies. I transferred to ORA in 2000.

Q.3. Please summarize your educational and professional experience.

A.3. I hold a Bachelor of Arts degree in Economics from California State University, Fullerton. I have held staff positions at the FERC, the Maryland Public Service Commission, the Nevada Public Service Commission and Southwest Gas Corporation. I worked on matters of cost allocation and rate design, gas supply contracts, and other regulatory issues.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am sponsoring Chapter 10 (Customer Service Operations) and part of Chapter 11 (Customer Service & Information) in the Report of the Results of Operations.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
TAMERA L. GODFREY**

Q1. Please state your name and business address.

A1. My name is Tamera L. Godfrey and my business address is 505 Van Ness Avenue, San Francisco, California 94102.

Q2. By whom are you employed and in what capacity?

A2. I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst in the Energy Cost of Service Branch of the Office of Ratepayer Advocates.

Q3. Please describe briefly your educational background and work experience.

A3. I have a Masters Degree in Public Administration, with an emphasis in Public Management, and a Bachelor of Arts Degree in Political Science from California State University, Hayward.

Prior to joining California Public Utilities Commission in September 1998, I was employed with the State Department of Health Services in the Environmental Health Investigations Branch and the Radiologic Health Branch, Investigations, Compliance and Enforcement Section. Since joining ORA I have prepared testimony for Pacific Gas and Electric Company, Southern California Edison Company (SCE), and San Diego Gas & Electric Company in the 1998, 1999 and 2000 Annual Transition Cost Proceeding on Employee-Related Transition Costs, worked on the Hydroelectric Market Valuation Proceeding, Pacific Bell 851 proceedings (A.99-07-020 and A.00-01-023), on the Telecommunications Industry Area Code Relief proceeding, and the Order Instituting Investigation into Roseville Telephone Company's intrastate revenue requirement (I.01-04-026).

Q4. Have you previously testified before this Commission?

A4. Yes.

Q5. What is your area of responsibility in this proceeding?

A5. In the Report on the Results of Operations, I am responsible for Chapter 14 Administrative and General Expenses for the following Sections: D-Shared Services, F-Human Resources (excluding Pensions and Benefits), and Results Sharing Incentive Program, H-Public Affairs/Corporate Communications and Franchise Fee Requirements, Chapter 16-D Shared Services' Capital Additions, and Chapter 19 Total Compensation.

Q6. Does this complete your prepared testimony at this time?

A6. Yes, it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
JEANNE HALLMAN**

Q.1 Please state your name and business address.

A.1 My name is Jeanne Hallman. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2 By whom are you employed and in what capacity?

A.2 I am employed by the California Public Utilities Commission in its Office of Ratepayer Advocates as a Regulatory Analyst.

Q.3 Briefly describe your pertinent educational and professional experience.

A.3 I graduated from Stanford University in 1984 with a B.S. in Mechanical Engineering and an A.B. in Psychology. I also have a B.A. in Chemistry from Whittier College and received a M.A. in Psychology from the New College in San Francisco. I joined the Commission in 1984 and have testified in a number of proceedings in areas such as thermal performance of California's fossil-fueled power plants, geothermal power plants and electric distribution expenses. In 1988, I went to work for ICF Incorporated in Fairfax, Virginia where I provided litigation support on a wide variety of issues, including gas price forecast, coal contracts and railroad antitrust suits. Before joining the Commission, I worked as a Design Engineer in West Germany and at the High Energy Physics Lab at Stanford University.

Q.4 What is the purpose of your testimony?

A.4 I am sponsoring Chapter 7, Transmission Expenses and Chapter 8, Distribution Expenses in ORA's Report on SCE's GRC Application.

Q.5 Does this conclude your testimony?

A.5 Yes, at this time.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
JESSICA T. HECHT**

Q.1. Please state your name and address.

A.1. My name is Jessica T. Hecht. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst III in the Office of Ratepayer Advocates.

Q.3. Please describe briefly your educational background and work experience.

A.3. I attended the University of California at Berkeley where I received a Bachelor of Arts degree in history with highest honors in general scholarship. In 1997, I received a Master of Arts degree in Public Affairs and Policy Analysis from the University of Wisconsin-Madison. Also in graduate school, I completed a summer internship in the U.S. Department of Health and Human Services Office of the Assistance Secretary for Planning and Evaluation. From May 1997 through November 1998, I worked as a Program and Planning Analyst at the state of Wisconsin Bureau of Child Support. From November 1998 through June 2001, I worked as health educator for the California Electric and Magnetic Fields program. I joined the Office of Ratepayer Advocates as a Regulatory Analyst in July 2001. I currently work in the Consumer Issues Branch, where I focus on customer treatment issues and low-income energy assistance programs. I am now ORA's project coordinator on proceedings related to low-income energy assistance.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for Chapter 12-A – Customer Service Guarantees in the Report on the Results of Operations.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
BEVERLY F. HILL**

Q.1. Please state your name and address.

A.1. My name is Beverly F. Hill. My business address is 505 Van Ness Avenue, San Francisco, California 94102.

Q.2. By whom are you employed and in what capacity?

A.2 I am employed by the California Public Utilities Commission as a Financial Examiner in the Office of Ratepayer Advocates.

Q.3. Please describe briefly your educational background and work experience.

A.3. I graduated from Jackson State University, Jackson, Mississippi, in 1978 with a Bachelor of Science Degree in Business Management. I also attended National University in San Diego, California majoring in Financial Accounting in 1985 through 1986. After graduation, I joined the United States Treasury Department as a Revenue Agent. I was employed with the Department of Transportation for ten years as an Accounting Officer. I joined California Public Utilities Commission on January 4, 2000. Since that time, I have performed analyses of utility operations, prepared reports in telecommunication and energy rate proceedings.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for Chapter 4 – Operation & Maintenance in the audit report.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
JEAN JARJOURA**

Q.1. Please state your name and business address.

A.1. My name is Jean Jarjoura. My business address is 505 Van Ness Avenue, San Francisco, California 94102

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Senior Utility Engineer in the Office of Ratepayer Advocates.

Q.3. Briefly describe your educational background and professional experience.

A.3. I have a M. S. and a B. S. in mechanical engineering from the University Of Mississippi at Oxford Mississippi. I am a registered Professional Mechanical Engineer in the State of California.

I joined the California Public Utilities Commission (CPUC) in 1983. During my tenure, I have worked on various gas, electric, and telephone matters. I have testified before the CPUC and the Federal Energy Regulatory Commission.

Q.4. What is the purpose of your testimony in this proceeding?

A.4 I am sponsoring Chapter 3.

Q.5. Was this Chapter prepared by you or under your direction?

A.5. Yes, it was.

Q.6. Does this complete your testimony at this time?

A.6. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
MARK LOY**

Q.1 Please state your name and business address.

A.1 My name is Mark Robert Loy and my business address is 505 Van Ness Avenue in San Francisco, California, 94102.

Q.2 By whom and in what capacity are you employed?

A.2 I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst IV.

Q.3 Please describe your educational background and business experience.<

A.3 I earned a Bachelor of Arts degree in Economics from the University of California at Santa Cruz in 1980. While attending the University I was employed as a teacher assistant and as a research assistant. After graduation, I worked as an accountant for a partnership of Certified Public Accountants. In 1982, I joined the California Public Utilities Commission. Initially, I was assigned to the economics department. Most of my work there concentrated on telecommunication and energy general rate case proceedings. Presently, I am assigned to the Office of Ratepayer Advocates.

My primary responsibilities in the past have been to review, investigate, analyze, and make recommendations in such areas as labor inflation, nonlabor inflation, econometric forecasting, and pensions and benefits expenses. I have prepared, sponsored, and presented direct testimony on labor inflation, nonlabor inflation, sales and revenues, and pensions and benefits expenses in general rate case proceedings of all major California energy, telecommunications, and water utilities.

Q.4 What is your designated assignment in this proceeding?

A.4 I have prepared and am sponsoring the Office of Ratepayer Advocates' testimony on employee pensions and benefits expenses contained in Chapter 14-G, Results of Operations Report.

Q.5 Does this complete your testimony on your qualifications for prepared testimony in this proceeding?

A.5 Yes, it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
LYNN A. MAACK**

Q.1. Please state your name and address.

A.1. My name is Lynn A. Maack. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst V in the Office of Ratepayer Advocates.

Q.3. Please describe briefly your educational background and work experience.

A.3. I graduated from the San Francisco State University in 1973 with a Bachelor of Arts Degree in Economics. From 1973 until 1987, I worked as a Transportation Analyst, Associate Transportation Rate Expert and Supervising Transportation Rate Expert in the Commission's Transportation Division, with a two-year stint in the Consumer Affairs Branch handling transportation, energy and telecommunications utility complaints. I joined the Office of Ratepayer Advocates in 1988. Since that time, I have testified in various transportation and energy rate proceedings and been project leader for ORA's participation in major rulemaking proceedings, such as the General Order 96-B and the telecommunications "Bill of Rights," consumer protection OIRs.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for Chapter 13, Customer Payment Options.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
ESTER MONTGOMERY**

Q.1. Please state your name and address.

A.1. My name is Ester Montgomery. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst II in the Office of Ratepayer Advocates.

Q.3. Please describe briefly your educational background and work experience.

A.3. I have a Bachelor of Arts Degree from the University of Cincinnati in Political Science and a Master of Arts degree from Johns Hopkins University in International Relations and Economics. I started working at the Commission in October 2000 in the Office of Ratepayer Advocates (ORA), after having worked with the United Nations for eight years in various emergency and rehabilitation programs. I have previously sponsored testimony in the 2000 Annual Transition Cost Proceeding (ATCP), SDG&E's Modifications to Rule 14 on Curtailments (Investigation 00-11-002), SoCalGas' Gas Cost Incentive Mechanism -Year 7, and the Reasonableness Review of Southwest Gas' procurement practices (Investigation 01-06-047).

Q.4. What is your area of responsibility in this proceeding?

A.4. In the Report on the Results of Operations, I am responsible for Chapter 6 – Generation Expenses and Chapter 16-B – Electric Plant In Service for Nuclear, Coal, Hydroelectric and Other Generation.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
KEVIN S. NAKAMURA**

Q.1. Please state your name and address.

A.1. My name is Kevin S. Nakamura. My business address is 503 "L" Street, Sacramento, California, 95814.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Financial Examiner III.

Q.3. Please describe briefly your educational background and work experience.

A.3. I graduated from National University, Sacramento, with a Bachelor of Arts Degree in Accountancy. I joined the California Public Utilities Commission on July, 2001. Since that time, I have performed analyses of utility operations, prepared reports and testified in various proceedings.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for the section pertaining to Subsidiary/Affiliate Transactions in the Report on the Results of Examination.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
MARK NERVIG**

- Q1. Please state your name and business address.
- A1. My name is Mark Nervig. My business address is Room 4205, 505 Van Ness Avenue, San Francisco, CA 94102.
- Q2. By whom are you employed and in what capacity?
- A2. The California Public Utilities Commission (CPUC) employs me as a Public Utility Regulatory Analyst in the Office of Ratepayer Advocates.
- Q3. Please describe your educational background and professional experience.
- A3. I received a bachelor's degree in Economics from St. Olaf College. I joined the CPUC in July of 2001. In R. 01-10-024 I submitted testimony to the California Public Utility Commission. In A. 02-05-022, 02-05-025, 02-05-026, and A. 02-05-031 I testified concerning the comparable groups used for the Cost of Capital applications for PG&E, Southern California Edison, Sierra Pacific, and San Diego Gas & Electric. I also testified concerning the risk-free rate and the financial models ORA developed for Southern California Edison.
- Q4. What is the purpose of your testimony?
- A4. I am sponsoring Chapter 4, "Sales, Customers, and Present Rate Revenue", and Chapter 5, "Labor and Non-labor Escalation" in the Report on the Results of Operations.
- Q5. Does this complete your testimony?
- A5. Yes it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
DAO A. PHAN**

Q.1. Please state your name and address.

A.1. My name is Dao A. Phan. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst in the Office of Ratepayer Advocates.

Q.3. Please describe briefly your educational background and work experience.

A.3. I graduated from California State University, Hayward with a Bachelor of Art degree in Political Science in 1994 and from San Francisco State University in 1997 with a Master of Art degree in Political Science. I joined the California Public Utilities Commission on March 1, 1999. Since that time, I have performed analyses of utility practices, prepared reports and testified in various enforcement proceedings.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for Chapter 2, Comparison of California and National Electric Rates, in the Report on the Results of Operations.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
THOMAS M. RENAGHAN**

Q.1. Please state your name and address.

A.1. My name is Thomas M. Renaghan. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission Public Utilities Regulatory Analyst IV.

Q.3. Please describe briefly your educational background and work experience.

A.3. I hold a B.A. degree in Economics from California State University, Hayward (1975) and a Ph.D. in Economics from the University of California, Davis (1985). I have been employed with the Commission since 1984. My experience with the Commission I have been responsible for analyzing inflation forecasts, demand forecasts (electric and gas), and total factor productivity.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for ORA's Report on Total Factor Productivity.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
STEVE ROSS**

Q.1 Please state your name and business address.

A.1 My name is Steve Ross. My business address is 505 Van Ness Avenue, San Francisco, California.

Q.2 By whom are you employed and in what capacity?

A.2 I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst in the Electricity Resources and Pricing branch of the Office of Ratepayer Advocates (ORA).

Q.3 Please describe your educational and professional experience.

A.3 In 1996 I received my Masters degree in Regional Planning from the University of North Carolina, Chapel Hill, with concentrations in Economic Development and Public Policy. Before joining ORA in February 2001, I worked as a regional economic development policy analyst in North Carolina, and as a computer programmer in Germany. Since joining ORA I have worked on energy projects related to the Rate Stabilization Plan proceeding, and have focused on demand side issues.

Q.4 Have you testified before this Commission before?

A.4 Yes, on the subjects of Revenue Requirements for Utility Retained Generation, the Direct Access Cost Responsibility Surcharge, and Allocation of the DWR 2003 Revenue Requirement.

Q.5 What is the purpose of your testimony in this proceeding?

A.5 I am sponsoring testimony on expenditures on Air Conditioner Cycling Programs contained in Chapter 11 of the Report on the Results of Operations.

Q.6 Does this complete your testimony at this time?

A.6 Yes, it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
PEARLIE Z. SABINO**

Q.1. Please state your name and address.

A.1. My name is Pearlle Z. Sabino. My business address is 505 Van Ness Avenue, San Francisco, California 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission (CPUC) as a Regulatory Analyst in the Office of Ratepayer Advocates (ORA).

Q.3. Please describe briefly your educational background and work experience.

A.3. I have an M.A. in Economics from Ateneo de Manila University and a B.S. in Business Economics from the University of the Philippines. I graduated from the Executive Training Program in Energy Planning and Policy of the University of Pennsylvania. I have worked for 19 years with the largest electric utility in the Philippines in various professional capacities in the areas of economic research, marginal cost studies, project evaluation, corporate budgeting and monitoring, and project financing.

I joined the Commission staff in 1997. In the last 4 years, I have worked on a number of electric matters including the reasonableness assessment of different power purchase restructuring contracts with qualifying facilities, the reasonableness review of special contracts under the ECAC proceeding, the reasonableness of settlement agreements under the BRPU proceeding, the elimination/retention of accounts in the RAP proceeding, SDG&E's divestiture proceeding, annual reasonableness reviews in the ATCP and QF pricing issues in the Section 390 Implementation proceeding, the purchased power contracts in the URG proceeding, and on implementing PU Code Section 701.3 on renewables in the procurement proceeding.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for Chapter 14-J on A&G for Qualifying Facilities and Energy Supply and Management contained in the Report on the Results of Operations.

Q.5. Does this complete your prepared testimony?

A.5. Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
RICHARD SHANKEY**

- Q1. Please state your name and business address.
- A1. My name is Richard Shankey. My business address is 505 Van Ness Avenue, San Francisco, California 94102-3298.
- Q2. By whom are you employed and in what capacity?
- A2. I am employed by the California Public Utilities Commission as a Regulatory Analyst in the Office of Ratepayer Advocates (ORA).
- Q3. Please describe your educational and professional experience.
- A3. I graduated from Pratt Institute with a BS in Industrial Engineering. Since joining the Commission, I have prepared various reports and testified numerous times as an expert witness before the Commission.
- Q4. What is your area of responsibility in this proceeding?
- A4. I am sponsoring Chapter 16-C, "Transmission and Distribution" contained in the Report on the Results of Operations.
- Q5. Does this complete your testimony?
- A5. Yes, it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
JONATHAN P. TOM**

Q.1 Please state your name and business address.

A.1 My name is Jonathan P. Tom. My business address is 505 Van Ness Avenue, San Francisco, California 94102.

Q.2 By whom are you employed and in what capacity?

A.2 I am employed by the California Public Utilities Commission (CPUC) as a Public Utilities Regulatory Analyst IV in the Utility Performance and Analysis Branch of the Office of Ratepayer Advocates.

Q.3 Please describe your educational and professional experience.

A.3 I have a B.A. degree from the University of California, Berkeley, and a Master of Business Administration degree from the California State University, Hayward. I was employed by the CPUC in March 1986. I have worked on the electric industry restructuring Competitive Transition Charge proceedings; general rate cases of Pacific Gas & Electric Company, Pacificorp, San Diego Gas & Electric Company, Southern California Edison Company, Southern California Gas Company, and Southern California Water Company; ECAC of Southern California Edison Company; prudence review of Southern California Edison Company Balsam Meadow project; petition by Southern California Water Company to participate in the State Water Project; Advice Letters; Low Income Energy Efficiency Program; representing the CPUC at FERC; and on the GRC Phase II examination of transactions between Pacific Bell and its affiliate companies.

Q.4 What are your areas of responsibility in this proceeding?

A.4 In the Report on the Results of Operations, I am responsible for Chapter 4 Jurisdictional Allocation, Chapter 14-A Introduction/Summary; Chapter 14-B Financial Organizations; Chapter 14-C Legal and Regulatory; Chapter 14-E Information Technology; and Chapter 16-E Information Technology.

Q.5 Does this complete your testimony?

A.5 Yes.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
GREGORY A. WILSON**

Q.1. Please state your name and business address.

A.1. My name is Gregory A. Wilson. My business address is 505 Van Ness Avenue, San Francisco, CA, 94102.

Q.2. By whom and in what capacity are you currently employed?

A.2. I am currently employed by the California Public Utilities Commission as a Senior Utilities Engineer.

Q.3. Briefly describe your educational and professional background.

A.3 I graduated from California State University, Hayward, with a Bachelor of Science degree in Mathematics. I then attended the University of California, Berkeley, where I received a Bachelor of Science degree in Civil Engineering. I am a registered professional engineer in the State of California. I have been with the Public Utilities Commission since 1977.

Q.4. What have been your assignments with the Commission?

A.4. From 1977 until 1984, I worked in the Water Branch of the former Operations Division. My assignments included preparing estimates of expenses and rate base items for numerous Class A water utilities. In June 1984, I was transferred to what was then called the Energy/Water Operational Costs Branch of the Division of Ratepayer Advocates. I was the Project Manager on the Test Year 1990 Southern California Gas Company General Rate Case. I have been a Rate Base and Expense witness on numerous energy cases. In 1997, I was transferred to the Energy Division. I am currently assigned to the Office Of Ratepayer Advocates.

Q.5. What are your areas of responsibility in this proceeding?

A.5. I am responsible for Chapter 16-A (Introduction / Summary), Chapter 16-F (Capitalized Software), Chapter 16-G (Corporate Center), and Chapter 18 (Rate Base) in the Report on the Results of Operations.

Q.6. Have you previously testified before this Commission?

A.6. Yes, I have testified before this Commission many times.

Q.7. Does this complete your testimony?

A.7. Yes, it does.

**QUALIFICATIONS AND PREPARED TESTIMONY
OF
LINDA J. WOODS**

Q.1. Please state your name and address.

A.1. My name is Linda J. Woods. My business address is 505 Van Ness Avenue, San Francisco, California, 94102.

Q.2. By whom are you employed and in what capacity?

A.2. I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst V in the Strategic Planning Branch of the Consumer Protection and Safety Division.

Q.3. Please describe briefly your educational background and work experience.

A.3. I graduated from California State University, Hayward in March 1984 with a Bachelor of Science Degree in Business Administration/Accounting, *magna cum laude*. I passed the Certified Public Accountants examination in 1987. I joined the California Public Utilities Commission in February 1985. Since that time, I have performed audits and analyses of utility operations, prepared reports and testified in various telecommunications proceedings.

Q.4. What is your area of responsibility in this proceeding?

A.4. I am responsible for the overall direction of the Report on the Results of Examination for Southern California Edison Company's General Rate Case Test Year 2003. I am also responsible for Chapter 1 – Introduction and Chapter 2 – Utility Plant of this report.

Q.5. Does this complete your prepared testimony?

A.5. Yes.