

Docket: : A.13-12-012
Exhibit Number : ORA-19
Commissioner : C. Peterman
ALJ : J. Wong
Witnesses : Various



OFFICE OF RATEPAYER ADVOCATES
CALIFORNIA PUBLIC UTILITIES COMMISSION

Qualifications of Witnesses
for
Pacific Gas and Electric Company
Test Year 2015
Gas Transmission and Storage Rate Case

San Francisco, California
August 11, 2014

Office of Ratepayer Advocates
Qualifications of Witnesses
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1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **OGE ENYINWA**

4 Q.1 Please state your name and address.

5 A.1 My name is Oge Enyinwa. My business address is 505 Van Ness Avenue, San
6 Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Utilities
9 Engineer in the Office of Ratepayer Advocates Energy Cost of Service and
10 Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I graduated from The Federal University of Technology, Nigeria, with a Bachelor
13 of Science degree in Electrical & Electronics Engineering, with emphasis in
14 Power Systems Engineering. I also have a California EIT Certification. I have
15 worked as an engineering intern with Mobil Exxon and moved on from there to
16 Continental Transmitter Services, as an Associate Engineer, before joining the
17 CPUC as a Utilities Engineer in 2008. My primary job for the last four years has
18 been as an analyst and utilities engineer for the California Public Utilities
19 Commission. I have worked on water, electric and gas industry issues. My
20 responsibilities have included sponsoring reports/testimony in proceedings, such
21 as reasonableness reviews, infrastructure expansions, incentive ratemaking,
22 Olls, CPCNs, General Rate Cases, conflict resolutions between water
23 companies and ratepayers and serving in the capacity of a technical adviser to
24 ALJs in formal proceedings.

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

26 A.4 I am responsible for Exhibit ORA-04B, which addresses In-Line Inspection (ILI)
27 Capital Expenditures & Expenses and Exhibit ORA-08, which addresses
28 Operations and Maintenance (O&M) Expenses.

29 Q.5 Does that complete your prepared testimony?

30 A.5 Yes, it does.
31

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **MATTHEW A. KARLE**

4 Q.1 Please state your name and address.

5 A.1 My name is Matthew A. Karle. My business address is 505 Van Ness Avenue,
6 San Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Public Utilities
9 Regulatory Analyst III in the Office of Ratepayer Advocates Energy Cost of
10 Service and Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I have a Master of Arts degree in Government from California State University
13 Sacramento, and a dual Bachelor of Arts degree in Political Science and English
14 from San Francisco State University.

15 Prior to my time with ORA, I worked on policy and platform issues for a number
16 of local campaigns and was a graduate intern with the Commission's
17 Communications Division.

18 Since joining the Commission on a full-time basis in 2012, I have conducted
19 research and analysis in a number of natural gas related proceedings. I have
20 previously sponsored testimony before the Commission.

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

22 A.4 I am responsible for Exhibit ORA-07 which addresses Corrosion Control; and for
23 Exhibit ORA-15 which addresses Depreciation Expenses and Reserve.

24 Q.5 Does that complete your prepared testimony?

25 A.5 Yes, it does.
26

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **KELLY C. LEE, P.E.**

4 Q.1 Please state your name and address.

5 A.1 My name is Kelly C. Lee. My business address is 505 Van Ness Avenue, San
6 Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Senior Utilities
9 Engineer in the Office of Ratepayer Advocates Energy Cost of Service and
10 Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I have a Bachelor of Science degree in Mechanical Engineering from San Jose
13 State University, a Master of Science degree and a Master of Engineering
14 degree from the University of California, Berkeley, and a Master of Business
15 Administration degree from the University of San Francisco.

16 Since joining the Commission in 1999, I have worked as an analyst and project
17 coordinator on various gas, electric, and telecommunication cases. Before
18 joining the CPUC, I worked in the private industry performing engineering
19 research and analysis, managing programs, and supervising engineers in the
20 aerospace and alternate energy fields.

21 Q.4 Are you a registered professional engineer?

22 A.4 Yes, I am a registered Professional Engineer in Mechanical Engineering in the
23 State of California.

24 Q.5 What is your area of responsibility in this proceeding?

25 A.5 I am responsible for Exhibit ORA-04A, which addresses the Inoperable and
26 Hard-to-Operate Valves and Valve Automation within the Transmission Pipe
27 Integrity and Emergency Response Programs, Exhibit ORA-05, which addresses
28 both the Storage Asset Family and the Program Management Office, and Exhibit
29 ORA-06, which addresses the Facilities Asset Family.

30 Q.6 Does that complete your prepared testimony?

31 A.6 Yes, it does.
32

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **SCOTT J. LOGAN**

4 Q.1 Please state your name and address.

5 A.1 My name is Scott J. Logan. My business address is 505 Van Ness Avenue, San
6 Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Public Utilities
9 Regulatory Analyst V in the Office of Ratepayer Advocates Energy Cost of
10 Service and Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I have a Bachelor of Arts degree in Economics from San Francisco State
13 University in 1985.

14 I joined the Office of Ratepayer Advocates of the California Public Utilities
15 Commission in 1986. I have worked on electricity and energy matters since that
16 time, including, but not limited to, electric generation Operation and Maintenance
17 expenses, generation capital expenditures, energy efficiency programs, resource
18 planning, long-term procurement and planning (LTPP), transmission planning,
19 nuclear power plant seismic study costs, the Commission's investigation
20 regarding the San Onofre Nuclear Generating Station (SONGS) outage, and
21 project-specific Certificate of Public Convenience and Necessity (CPCN)
22 proceedings. I have testified in numerous Commission proceedings

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

24 A.4 I am responsible for Exhibit ORA-04F, which addresses the Class Location
25 Program, the Water and Levee Crossing Program, and the Shallow Pipe
26 Program.

27 Q.5 Does that complete your prepared testimony?

28 A.5 Yes, it does.
29

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **PETER H. MORSE**

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

5 A.1 My name is Peter H. Morse. My business address is 505 Van Ness Avenue, San
6 Francisco, California 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Public Utilities
9 Regulatory Analyst in the Office of Ratepayer Advocates, Energy Cost of Service
10 and Natural Gas Branch.

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

12 A.3 I have a Bachelor of Science degree in Agricultural Business, with a minor in
13 Sustainable Environments, from California Polytechnic State University San Luis
14 Obispo.

15 Prior to joining the Commission, I was employed by the Utility Consultants of
16 California as an Associate Analyst, where I was responsible for quantitative
17 analysis of water and energy consumption data, analysis of water conservation
18 data and creating/formatting workpapers filed before the CPUC.

19 Since joining the Commission in June 2012, I have previously sponsored
20 testimony before the Commission in West Coast Gas Company's TY 2013
21 General Rate Case (GRC), PG&E's TY 2014 GRC and SCE's TY 2015 GRC.

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

23 A.4 I am responsible for Exhibit ORA-04E, which addresses Integrity Management
24 Enhancement and Public Awareness programs.

25 Q.5 Does that complete your witness qualifications?

26 A.5 Yes, it does.
27

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **JERRY OH**

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

5 A.1 My name is Jerry Oh. My business address is 505 Van Ness Avenue, San
6 Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Public Utilities
9 Regulatory Analyst V in the Office of Ratepayer Advocates Energy Cost of
10 Service and Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I have a Bachelor of Arts degree in Business Economics from the University of
13 California, Los Angeles. Prior to joining the Commission, I was employed as a
14 Bank Examiner with the California Department of Financial Institutions
15 conducting financial soundness and safety examinations.

16 In 2000, I joined the Commission's Energy Division and worked on different
17 accounting and financial issues, including procurement and ERRRA. In 2007, I
18 transferred to ORA's Water Branch and have worked on large water utility
19 general rate cases. I have been ORA's expert witness in Administrative and
20 General Expenses, Operations and Maintenance Expenses, Cost of Capital,
21 Affiliate Transactions, Taxes, and Results of Operations. In 2011, I transferred to
22 ORA's Energy Cost of Service Branch and have worked as contract manager,
23 and as expert witness in Taxes, Results of Operations, Cost of Capital, and
24 Information Technology. I have supported my testimony in formal Commission
25 hearings.

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

27 A.4 I am responsible for Exhibit ORA-11, which addresses Information Technology
28 expenses and capital expenditures.

29 Q.5 Does that complete your prepared testimony?

30 A.5 Yes, it does.
31

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **DAO A. PHAN**

4 Q.1 Please state your name and address.

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

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

8 A.2 I am employed by the California Public Utilities Commission as a Public Utilities
9 Regulatory Analyst V in the Office of Ratepayer Advocates Energy Cost of
10 Service and Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I have a Master of Arts degree in Political Science from San Francisco State
13 University and a Bachelor of Arts degree in Political Science from California State
14 University, Hayward. I have testified before the Commission as an expert
15 witness in numerous Commission enforcement and regulatory proceedings. I
16 have been an expert witness in the following areas and proceedings: (1) gas
17 distribution operations and maintenance in the Pacific Gas and Electric Company
18 (PG&E) 2003 General Rate Case (A.02-11-017), (2) gas transmission and
19 storage operations and maintenance and capital expenditures in the PG&E
20 transmission and storage 2005 GRC (A.04-03-021), (3) gas distribution capital
21 expenditures in the Southern California Gas Company's 2004 cost of service
22 (A.02-12-027), (4) PG&E long-term electric procurement RFO (A.06-04-012), (5)
23 gas distribution O&M, customer service issues, and customer accounts in
24 PG&E's 2007 GRC (A.05-12-002), (6) PG&E's long term electric procurement
25 RFO (A.06-04-012), (7) O&M expenses for Gas Distribution, Transmission,
26 Underground Storage, Engineering, and Procurement in the Southern California
27 Gas Company's 2008 GRC (A.06-12-010), and (8) Gas Distribution operation
28 and maintenance expenses, plus Technical Training and Applied Technology
29 Services costs for the PG&E 2011 GRC (A.09-12-020), (9) Southern California
30 Gas Company's 2012 GRC (A.10-12-006), (10) Sempra's Pipeline Safety
31 Enhancement Plan (A.11-11-002), and (11) Pacific Gas and Electric's 2014 GRC
32 (A.12-11-009).

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

34 A.4 I am responsible for Exhibit ORA-04D, which addresses Direct Assessment
35 Expenses.

36 Q.5 Does that complete your prepared testimony?

37 A.5 Yes, it does.
38

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **THOMAS M. RENAGHAN, Ph.D.**

4 Q.1 Please state your name and address.

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

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

8 A.2 I am employed by the California Public Utilities Commission as a Public Utilities
9 Regulatory Analyst V in the Office of Ratepayer Advocates Energy Cost of
10 Service and Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I have a Bachelor of Arts Degree in Economics from California State University,
13 Hayward and a Ph.D. in Economics from the University of California, Davis.

14 I have been employed with the Commission since January 1984. My experience
15 with the Commission has been in the areas of labor and non-labor escalation,
16 energy demand forecasting, and in the measurement of total factor productivity
17 for electric, gas, and telecommunications firms.

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

19 A.4 I am responsible for Exhibit ORA-14, which addresses Gas Throughput
20 forecasts.

21 Q.5 Does that complete your prepared testimony?

22 A.5 Yes, it does.

23

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **THOMAS ROBERTS, P.E.**

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

5 A.1 My name is Thomas Roberts. My business address is 505 Van Ness Avenue,
6 San Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Senior Utilities
9 Engineer in the Office of Ratepayer Advocates, Electric Pricing and Customer
10 Programs Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I received a Bachelor of Science Degree in Mechanical Engineering from the
13 California Polytechnic University in 1988, and a Masters of Business
14 Administration from the Peter F. Drucker Center at the Claremont Graduate
15 School in 1994. I am currently registered in California as Professional
16 Mechanical Engineer.

17

18 As a Regulatory Analyst and Engineer, I have contributed to a wide variety of
19 proceedings, including advanced metering infrastructure (AMI), energy efficiency
20 (EE), and avoided costs. I have served ORA as project coordinator for AMI
21 programs, and for distributed generation programs including the California Solar
22 Initiative (CSI) and the Self-Generator Incentive Mechanism (SGIP). I was an
23 ORA witness in the Pipeline Safety Enhancement Plan (PSEP) applications of
24 PG&E and the Sempra Utilities in 2012, in the Orders to Show Cause related to
25 PG&E's Line 147 in 2013, and in PG&E's PSEP Update application.

26

27 Prior to joining ORA, I held various professional positions including Senior Test
28 Engineer/Scientist, Facility Manager, and Program Manager at Boeing Space
29 Systems, and as an applications engineer for a mechanical instrumentation
30 manufacturer. In the former position, I conducted tests of launch rocket
31 components and systems which simulated the mechanical stresses of launch,
32 the transonic boundary, and on-orbit payload delivery. My responsibilities
33 included preparing test procedures, operating National Institute of Standards and
34 Technology (NIST) traceable instrumentation systems, ensuring the safety of
35 personal and test specimens, ensuring test objectives were met, and
36 documenting test results in reports and archived data. I supervised tests of
37 complete launch vehicles at National Aeronautics and Space Administration
38 (NASA), Department of Defense (DOD), and subcontractor facilities nationwide,
39 which entailed integration with fuel and oxidizer storage and piping systems.

40

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

2 A.4 I am responsible for Exhibit ORA-04C, which addresses the Hydrotesting and
3 Vintage Pipe Replacement Programs.

4

5 Q.5 Does that complete your prepared testimony?

6 A.5 Yes, it does.

7

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **PEARLIE SABINO**

4 Q1. Please state your name and business address.

5 A1. My name is Pearlie Sabino. My business address is 505 Van Ness Avenue, San
6 Francisco, California 94102.

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

8 A2. I am employed by the State of California at the California Public Utilities
9 Commission (CPUC) as a Regulatory Analyst V in the Office of Ratepayer
10 Advocates (ORA).

11 Q3. Please describe your educational background and professional experience.

12 A3. I have an M.A. in Economics from Ateneo de Manila University and a B.S. in
13 Business Economics from the University of the Philippines. As a USAID scholar,
14 I graduated from the Executive Training Program in Energy Planning and Policy
15 of the University of Pennsylvania. Prior to joining the Commission, I worked for
16 19 years with the largest electric utility in the Philippines in various professional
17 capacities in the areas of economic research, marginal cost studies, project
18 evaluation, corporate budgeting and monitoring, and project financing.

19 I joined the Commission staff in 1997. In the last 17 years, I have worked on a
20 number of electric and natural gas matters including but not limited to the
21 following: the review of SoCalGas' Gas Cost Incentive Mechanism; the review of
22 Biennial Cost Allocation Proceeding (BCAP) applications for PG&E, SoCalGas
23 and SDG&E; various gas transportation contracts (such as Guardian, Ruby, US
24 Gypsum), various applications pertaining to the grant of Certificate of Public
25 Convenience and Necessity (CPCN) for gas storage contracts, including
26 amendments; SoCalGas/SDG&E system integration and firm access rights
27 proceedings, including the FAR Update proceeding, the Joint
28 SCE/SoCalGas/SDG&E Omnibus proceeding, the Joint
29 PG&E/SoCalGas/SDG&E Application for Public Purpose Program Cost
30 Reallocation proceeding, the PG&E Gas Transmission & Storage rate case
31 which resulted in Gas Accord V Settlement, the PG&E Pipeline Safety
32 Enhancement Plan Phase 1 in R.11-02-019, the SoCalGas/SDG&E Pipeline
33 Safety Enhancement Plan in A.11-11-002 Phase 1 &2, and the Southwest Gas
34 2014 GRC in A.12-12-024.

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

36 A4. I am responsible for Exhibit ORA-16 which addresses the total proposed revenue
37 requirements of PG&E in the 2015 through 2017 rate case period, for Exhibit 17
38 on the proposed cost allocation and rates to be collected, and for Exhibit 10 for
39 the various different requests of PG&E in this rate case as detailed in Chapter 10
40 of PG&E's Testimony in A.13-12-012.

1 Q5. Does that complete your prepared testimony?

2 A5. Yes, it does.

3

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **MARICELA P. SIERRA**

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

5 A.1 My name is Maricela P. Sierra. My business address is 505 Van Ness Avenue,
6 San Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Public Utilities
9 Regulatory Analyst III in the Office of Ratepayer Advocates Energy Cost of
10 Service and Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I graduated with a B.A. in Economics from California State University
13 Sacramento. I joined the Commission in 2001 and have worked on the following
14 areas: Cost-Benefit Analysis, Depreciation, Econometric and Non-Econometric
15 forecast, Rate Design, Conservation, Insurance, Pension & Benefits (P&B),
16 Results of Operations, energy and water demand forecasting, and operating
17 revenues for various electric, natural gas, and water utilities' General Rate Cases
18 (GRC), Triennial Cost Allocation Proceedings (TCAP), Biennial Cost Allocation
19 Proceedings (BCAP) and Gas Transmission & Storage rate case.

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

21 A.4 I am responsible for Exhibit ORA-12, which addresses Other Gas Transmission
22 and Storage Support Plans.

23 Q.5 Does that complete your prepared testimony?

24 A.5 Yes, it does.
25

1 **QUALIFICATIONS AND PREPARED TESTIMONY**
2 **OF**
3 **NATHANIEL W. SKINNER**

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

5 A.1 My name is Nathaniel W. Skinner. My business address is 505 Van Ness
6 Avenue, San Francisco, California, 94102.

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

8 A.2 I am employed by the California Public Utilities Commission as a Program and
9 Project Supervisor in the Office of Ratepayer Advocates Energy Cost of Service
10 and Natural Gas Branch.

11 Q.3 Briefly describe your educational background and work experience.

12 A.3 I have a MA degree in International Policy Studies from the Monterey Institute of
13 International Studies, a BA in Political Science and a BA with Distinction in
14 Scandinavian Area Studies from the University of Washington. I am currently a
15 PhD Candidate in Public Policy and Administration at Walden University.

16 Since joining the Commission in 2006, I have worked on various matters in an
17 advisory role with the Commission's Energy Division primarily in the area of Long
18 Term Procurement Planning for electric resources including reviewing models
19 and assumptions for renewable energy integration. Since transitioning to ORA in
20 2013, I have worked on the General Rate Case OIR (R.13-11-006), the PG&E
21 Orders to Show Cause issued August 2013, PG&E's PSEP Update Application
22 (13-10-017), General Order 112-E, Southern California Gas's North-South
23 Project Application (13-12-013), and various issues related to Natural Gas
24 Transmission Safety Plans in R.11-02-019 and its successor proceedings.

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

26 A.4 I am responsible for Exhibit ORA-01, which addresses the Executive Summary,
27 Exhibit ORA-02 which addresses Safety and Risk Management, Exhibit ORA-03
28 which addresses general policy issues, and Exhibit ORA-13 which addresses
29 Reporting and Communications. I am also ORA's project coordinator on this
30 case.

31 Q.5 Does that complete your prepared testimony?

32 A.5 Yes, it does.
33

