Docket:	: <u>R.11-02-019</u>
Exhibit Number	: <u>DRA-12</u>
Commissioner	: <u>Florio</u>
ALJ	: Bushey
Witness	: various



## **DIVISION OF RATEPAYER ADVOCATES** CALIFORNIA PUBLIC UTILITIES COMMISSION

## DRA REPORT ON THE PIPELINE SAFETY ENHANCEMENT PLAN OF PACIFIC GAS & ELECTRIC COMPANY

**Qualifications of Witnesses** 

San Francisco, California January 31, 2012

QUALIFICATIONS AND PREPARED TESTIMONY OF DAVID DECK
DAVID PECK
. Please state your name and business address.
. My name is David Peck. My business address is 505 Van Ness Avenue, San Francisco, California 94102.
2. By whom are you employed and in what capacity?
2. I am employed by the State of California at the California Public Utilities Commission (CPUC) as a Program and Project Supervisor in the Division of Ratepayer Advocates (DRA).
B. Please describe your educational background and professional experience.
I have Bachelor of Science Degree with a double major in Industrial Engineering and Computer Science from the University of Wisconsin, Madison. I have also earned a Master of Science Degree in Industrial Engineering and Management Sciences from Arizona State University as part of a Motorola-ASU Industrial Fellowship award. From 1993 to 2007, I have been employed in the Semiconductor and Semiconductor Equipment industries where I have managed engineering development programs and performed systems design research and analysis. I have been employed by the California Public Utilities Commission since October 2007. I have testified as an expert witness in nine cases on topics including demand response, distributed solar PV, conventional generation, and Long Term Procurement Planning (LTPP). I also prepare protests, comments, discovery, analysis, and advocate for DRA in many energy procurement proceedings before the Commission. As of 2011, I am the Supervisor for DRA's Natural Gas Section where I serve as project manager and oversee staff's analysis and preparation of expert testimony in natural gas utility procurement and policy proceedings, biennial cost allocation proceedings, interstate pipeline capacity matters, natural gas rulemakings and investigations, and gas procurement incentive mechanisms.
What is your area of responsibility in this proceeding?
I am DRA's Project Coordinator and I am sponsoring Exhibit DRA-01 Prepared Testimony in R.11-02-019 with respect to an executive summary of DRA's findings and recommendations for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.

1	QUALIFICATIONS AND PREPARED TESTIMONY
2	OF
3	ROBERT MARK POCTA
4	
5	See Exhibit DRA-02
6	

1		QUALIFICATIONS AND PREPARED TESTIMONY
2 3 4		OF THOMAS ROBERTS
5	Q.1.	Please state your name and business address.
6 7	A.1.	My name is Thomas Roberts. My business address is 505 Van Ness Avenue, San Francisco, CA 94102.
8	<b>•</b>	
9	Q.2.	By whom are you employed and in what capacity?
10 11 12	A.2.	I am employed by the California Public Utilities Commission as a Senior Utilities Engineer in the Electric Pricing and Consumer Program Branch of the Division of Ratepayer Advocates ("DRA").
13	Q.3.	Please describe your educational background and professional experience.
14 15 16 17 18	A.3.	I received a Bachelor of Science Degree in Mechanical Engineering from the California Polytechnic University in 1988, and a Masters of Business Administration from the Peter F. Drucker Center at the Claremont Graduate School in 1994. I am currently registered in California as Professional Mechanical Engineer.
19		
20 21 22 23 24 25 26 27 28 29 30 31 32		As a Regulatory Analyst and Engineer, I have contributed to a wide variety of proceedings, including advanced metering infrastructure (AMI), energy efficiency (EE), and avoided costs. I provided testimony on DRA's behalf in the 2006 Long Term Procurement Proceeding (LTPP), in 2007 hearings on the EE Risk/Reward Incentive Mechanism, and Marginal Generation Costs in PG&E's most recent GRC Phase 2. I have served DRA as project coordinator for AMI programs, and for distributed generation programs including the California Solar Initiative (CSI) and the Self-Generator Incentive Mechanism (SGIP). Prior to joining DRA, I held various professional positions including Senior Test Engineer/Scientist and Program Manager at Boeing Space Systems, and as an applications engineer for a mechanical instrumentation manufacturer.
33	Q.4.	What is your area of responsibility in this proceeding?
34 35 36	A.4.	I am sponsoring DRA's Exhibit DRA-03 Prepared Testimony in R.11-02-019 with respect to Review of Transmission Pipeline Modernization Program for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.
37	Q.5.	Does this complete your testimony?

1 A.5. Yes, it does.

1 2		QUALIFICATIONS AND PREPARED TESTIMONY OF
2 3 4		DAVID RONDINONE
5	Q.1.	Please state your name and business address.
6 7	A.1.	My name is David Rondinone. My business address is 808 Gilman St, Berkeley, California 94710.
8		
9	Q.2.	By whom are you employed and in what capacity?
10 11	A.2.	I am employed by Berkeley Engineering and Research, Inc as a Mechanical Engineer.
12		
13	Q.3.	Please describe your educational background and professional experience.
14 15 16 17 18 19	A.3.	From 1993 to the present, I have worked as a mechanical engineer at Berkeley Engineering and Research, Inc., where my work includes consulting with various companies regarding design and analysis of mechanical components and systems, including pipelines, piping, and associated components. My design and forensic work has ranged from bio-mechanical implants smaller than a fingernail, to high temperature pressure vessels 10 stories tall.
20 21 22 23 24 25 26 27		From 2000 to the present, I have served as the Vice President of Engineering for 4D Imaging, Inc., where my responsibilities include the oversight, management and development of three-dimensional scanning devices and services, software development, mechanical equipment inspection and evaluation services. In addition, my responsibilities include software development, mechanical equipment inspection and evaluation services, prototype design and development. This work has included piping and pressure vessel inspection, monitoring, and analysis as well.
28 29 30		I have been an instructor at U.C. Berkeley in the mechanical engineering department teaching the senior Mechanics of Materials course where I conducted lectures on the design and analysis of mechanical components.
31		I am a Registered Mechanical Engineer in the state of California.
32 33 34		I have qualified as an expert in Mechanical Engineering in United States' Courts. I have testified regarding engineering issues similar to the ones involved in this case.
35 36 37 38		My education includes a Bachelors of Arts degree in Astrophysics from the University of California at Berkeley (1994), Bachelors of Science degree in Engineering Physics from the University of California at Berkeley (1994), Masters of Science in Mechanical Engineering from the University of

1 2		California at Berkeley (1995), and a PhD in Mechanical Engineering from the University of California at Berkeley (2002).
3		
4	Q.4.	What is your area of responsibility in this proceeding?
5 6 7	A.4.	DRA's Exhibit DRA-04 Prepared Testimony in R.11-02-019 with respect to Implementation Plan Analysis and Recommendations for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.
8		
9	Q.5.	Does this complete your testimony?
10	A.5.	Yes, it does.
11		

1		QUALIFICATIONS AND PREPARED TESTIMONY
2 3 4		OF NEIL DELFINO
5	Q.1.	Please state your name and business address.
6 7	A.1.	My name is Neil Delfino. My business address is P.O. Box 1241, Lovelock, Nevada 89419.
8		
9	Q.2.	By whom are you employed and in what capacity?
10 11 12	A.2.	I am employed by the State of California at the California Public Utilities Commission (CPUC) as an expert witness for gas pipeline design and construction in the Division of Ratepayer Advocates (DRA).
13		
14	Q.3.	Please describe your educational background and professional experience.
15 16	A.3.	Graduate of the University of California at Berkeley, BS Chemical Engineering and Petroleum Engineering.
17 18		33 years of engineering and management in the oil and gas industry with major oil companies.
19 20		Subject Matter Expert/Corporate Technical Authority for offshore pipelines for Chevron, prior to retirement.
21		Main technical support provider for Chevron's offshore projects worldwide.
22		Developed training programs for pipeline engineers working for Chevron.
23 24		Instructor for pipeline design sections of Chevron's subsea principles training courses.
25		Specialized consultant for pipeline and mining projects.
26		
27	Q.4.	What is your area of responsibility in this proceeding?
28 29 30	A.4.	I am sponsoring Exhibit DRA-05, which is DRA's Prepared Testimony in R.11-02-019 on Unit Cost Calculations for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.
31 32	0.5	Does this complete your testimony?
32 33	Q.5.	Does this complete your testimony?
	A.5.	Yes, it does.
34		

1		QUALIFICATIONS AND PREPARED TESTIMONY
2 3 4		OF SIBYLLE SCHOLZ
5	Q.1.	Please state your name and business address.
6 7	A.1.	My name is Sibylle Scholz. My business address is 808 Gilman Street, Berkeley, CA 94710
8		
9	Q.2.	By whom are you employed and in what capacity?
10 11	A.2.	I am employed by Berkeley Engineering And Research, Inc. a California Corporation.
12		
13	Q.3.	Please describe your educational background and professional experience.
14 15 16 17 18 19 20 21 22	A.3.	I received a PhD in Agricultural Economics from the University of Illinois – Champaign/Urbana, in 1990. I have worked as a forensic economist for Berkeley Engineering And Research since 2003. During this time I have examined cost information on many different civil litigation cases and have provided testimony of my findings. Previous to that I have been employed by the European Union and the Rockefeller Foundation overseeing multi-million dollar budgets that had many components in infrastructure, technical assistance, marketing and education.
22	Q.4.	What is your area of responsibility in this proceeding?
24 25 26 27	Q A.4.	I am sponsoring Exhibit DRA-06 Prepared Testimony in R.11-02-019 with respect to Cost Calculations and Project Sample Review for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.
	0.5	
28	Q.5.	Does this complete your testimony?
29	A.5.	Yes, it does.
30		

1		QUALIFICATIONS AND PREPARED TESTIMONY
2 3 4		OF K. JERRY OH
5	Q.1.	Please state your name and business address.
6 7	A.1.	My name is K. Jerry Oh. My business address is 505 Van Ness Avenue, San Francisco, California 94102.
8		
9	Q.2.	By whom are you employed and in what capacity?
10 11 12	A.2.	I am employed by the State of California at the California Public Utilities Commission (CPUC) as a Public Utilities Regulatory Analyst V in the Division of Ratepayer Advocates (DRA).
13		
14	Q.3.	Please describe your educational background and professional experience.
15 16 17 18 19 20 21 22 23	A.3.	I hold a Bachelors of Arts degree in Business Economics from the University of California at Los Angeles. I have been employed by the Commission since February 2000. First in the Energy Division where I worked on electric utilities Energy Resource Recovery Accounts, Long Term Procurement Plans, and audits related to Public Good Charges. In 2006, I joined DRA's Water Division and have served as DRA's expert witness for Operations and Maintenance Expenses, Administrative and General Expenses, Cost of Capital, Taxes, and Affiliate Transaction Rules and Non-tariffed Products and Services.
24	Q.4.	What is your area of responsibility in this proceeding?
25 26 27 28 29	A.4.	I am sponsoring Exhibit DRA-07, Prepared Testimony in R.11-02-019 with respect to Valve Automation Program, Interim Safety Enhancement Measures, and Program Management Office for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.
30	Q.5.	Does this complete your testimony?
<ul><li>31</li><li>32</li></ul>	A.5.	Yes, it does.

1		QUALIFICATIONS AND PREPARED TESTIMONY
2 3		OF
	0.1	TAMERA L. GODFREY
4	Q.1.	Please state your name and address.
5 6	A.1.	My name is Tamera L. Godfrey. My business address is 505 Van Ness Avenue, San Francisco, California.
7		
8	Q.2.	By whom are you employed and in what capacity?
9 10 11	A.2.	I am employed by the California Public Utilities Commission as a Public Utilities Regulatory Analyst V in the Division of Ratepayer Advocates Energy Cost of Service and Natural Gas Branch.
12		
13	Q.3.	Briefly describe your educational background and work experience.
14 15 16	A.3.	I have a Master Degree in Public Administration and a Bachelor of Arts Degree in Political Science from California State University, Hayward. I joined the CPUC in September 1998.
<ol> <li>17</li> <li>18</li> <li>19</li> <li>20</li> <li>21</li> <li>22</li> <li>23</li> <li>24</li> <li>25</li> <li>26</li> <li>27</li> <li>28</li> <li>29</li> <li>30</li> <li>31</li> <li>32</li> <li>33</li> <li>34</li> <li>35</li> <li>36</li> <li>37</li> <li>38</li> </ol>		Since joining DRA, I have prepared testimony on administrative & general expenses and total compensation for Southern California Edison Company's (SCE) 2003 (A.02-05-004) and 2006 (A.04-12-014) General Rate Cases (GRC), and Pacific Gas and Electric Company's (PG&E) 2007 (A.05-12-002) GRC, and Southern California Gas Company's (SCG) (A-02-02-027) and San Diego Gas & Electric Company's (SDG&E) (A.02-12-028) 2004 Cost of Service. I prepared testimony on Employee Benefits expenses (excluding Pension and PBOPs) and Incentive Compensation for SDG&E's and SCG's 2008 GRC (A.06-12-009 and A.06-12-010). I participated on the Total Compensation Study associated with SCE's 2006 and 2009 GRC, PG&E's 2007 GRC, and SCG's and SDG&E's 2008 GRC. I prepared testimony on the Order Instituting Investigation (I.06-06-014) for SCE on Results Sharing Associated with PBR Performance Incentives and Related Adjustments. I prepared testimony on Post Test Year Adjustment Mechanism and Other Operating Revenues for Sierra Pacific Power Company's 2009 GRC (A.08-08-004). I also prepared Testimony on Transmission and Distribution Business Unit operation and maintenance expenses for SCE's 2009 (A.07-11-011) and 2012 (A.10-11-015) GRCs, and Electric Distribution operation and maintenance expenses for PG&E's 2011 (A.09-12-020) GRC. I have served as project coordinator and assistant project coordinator and have testified numerous times before the Commission.
39		

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

A4. I am sponsoring Exhibit DRA-08, Prepared Testimony in R.11-02-019 with
respect to Pipeline Records Integration Program Costs for PG&E's Pipeline
Safety Enhancement Plan submitted on August 26, 2011.

- 5
- 6 Q.5. Does that complete your prepared testimony?
- 7 A.5. Yes, it does.
- 8

1		QUALIFICATIONS AND PREPARED TESTIMONY
2 3 4		OF PEARLIE Z. SABINO
5	Q.1.	Please state your name and business address.
6 7	A.1.	My name is Pearlie Z.Sabino. My business address is 505 Van Ness Avenue, San Francisco, California 94102.
8		
9	Q.2.	By whom are you employed and in what capacity?
10 11 12	A.2.	I am employed by the State of California at the California Public Utilities Commission (CPUC) as a Regulatory Analyst in the Division of Ratepayer Advocates (DRA).
13		
14	Q.3.	Please describe your educational background and professional experience.
15 16 17 18 19 20 21	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 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.
22 23 24 25 26 27 28 29 30 31 32 33 34		I joined the Commission staff in 1997. In the last 15 years, I have worked on a number of electric and natural gas matters including but not limited to the following: the review of SoCalGas' Gas Cost Incentive Mechanism; the review of Biennial Cost Allocation Proceeding (BCAP) applications for PG&E, SoCalGas and SDG&E various gas transportation contracts (such as Guardian, Ruby, US Gypsum), various applications pertaining to the grant of Certificate of Public Convenience and Necessity (CPCN) for gas storage contracts, including amendments; SoCalGas/SDG&E system integration and firm access rights proceedings, including the FAR Update proceeding, the Joint SCE/SoCalGas/SDG&E Omnibus proceeding, and the Joint Application for Public Purpose Program Cost Reallocation proceeding, and the PG&E Gas Transmission & Storage rate case which resulted in Gas Accord V Settlement.
35	Q.4.	What is your area of responsibility in this proceeding?
36 37 38	A.4.	I am sponsoring Exhibit DRA-09 Prepared Testimony in R.11-02-019 with respect to the revenue requirements, cost allocation and rate issues for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.

- 1 Q.5. Does that complete your prepared testimony?
- 2 A.5. Yes, it does.

3

1 2		QUALIFICATIONS AND PREPARED TESTIMONY OF
3		SOPHIE CHIA
4	Q.1.	Please state your name and address.
5 6 7	A.1.	My name is Sophie Chia. My business address is 505 Van Ness Avenue, San Francisco, California.
8	Q.2.	By whom are you employed and in what capacity?
9 10 11 12	A.2.	I am employed by the California Public Utilities Commission as a Financial Examiner IV in the Division of Ratepayer Advocate's Energy Cost of Service and Natural Gas Branch.
13	Q.3.	Please briefly describe your educational background and work experience.
14 15 16 17 18 19	A.3.	I graduated from California State University, San Francisco with a Bachelor of Science Degree in Business Administration/Accounting. I was employed by the California Public Utilities Commission during 1985 to 1995 in the position of Financial Examiner. I performed audits and analyses of utility operations, prepared testimony, and testified in telecommunications proceedings. I rejoined the California Public Utilities Commission in January 2003. I have
20 21 22 23 24 25		been the DRA witness on Customer Service expenses, Transmission and Distribution operation and maintenance expenses, Operations Support expenses, and Capital Expenditures for General Rate Cases of Pacific Gas and Electric Company, Southern California Edison, Southern California Gas Company, San Diego Gas and Electric Company, and Bear Valley Electric Service.
26 27	Q.4.	What is your area of responsibility in this proceeding?
28 29 30 31 32 33	Q. <del>4</del> . A.4.	I am sponsoring Exhibits DRA-10 (General Order Nos. 28 and 58), DRA-11 (General Order No. 112), and Attachment A to Exhibit DRA-02 (Summary of American Standard Code for Pressure Piping) Prepared Testimony in R.11-02-019 for PG&E's Pipeline Safety Enhancement Plan submitted on August 26, 2011.
34	Q.5.	Does that complete your prepared testimony?
35	A.5.	Yes, it does.
36		