

Docket: : A.13-12-012
Exhibit Number : ORA-4C-Attachments
Commissioner : C. Peterman
ALJ : A. Yip-Kikugawa
Witness : T. Roberts



**OFFICE OF RATEPAYER ADVOCATES
CALIFORNIA PUBLIC UTILITIES COMMISSION**

**Report on the Results of Operations
for
Pacific Gas and Electric Company
Test Year 2015
Gas Transmission and Storage Rate Case**

Chapter 4A
Hydrotest and
Vintage Pipe Replacement Programs

**Index to Attachments, Index to Archival Disc, and
Narrative Description of Workpapers**

San Francisco, California
August 29, 2014

Index of Attachments to Exhibit ORA-4C Direct Testimony of Tom Roberts

OVERVIEW:

Documents supporting the Direct Testimony in Exhibit ORA 4C are divided into 12 hard copy files referred to as “Attachments” and one Archival Disc that contains documents and data files in both Excel and PDF-A format.

In general, all documents referred to in the Direct Testimony are provided, except for CPUC decisions, legal references, and PG&E testimony or workpapers that ORA anticipates PG&E will introduce into the record of this proceeding. A summary of the contents of each of the 12 attachments and the Archival Disc is provided below:

Attachment 1 - 2015 GT&S Discovery Questions and Responses

- 111 pages – All discovery questions with PG&E responses cited in the testimony are provided in order of the ORA data request (DR) number. TURN-DR-11 Q17 is provided after the ORA DR responses. Also included are seven ORA data requests as issued: ORA-59, ORA-64, ORA-92, ORA-94, ORA-103, ORA-106, and ORA-116.

Attachment 2 - 2015 GT&S Discovery Attachments

- 87 pages – All attachments provided with PG&E discovery responses cited in the testimony are provided in order of the ORA data request (DR) number except:
 - ORA-DR-59 Q11, Attachments 2 and 4. These attachments are Excel files and are provided in both Excel and PDF-A format on the Archival Disc (see below); screenshots of the total recorded costs cited in ORA testimony are provided below as well.
 - ORA-DR-64 Q13, Attachment 1
 - ORA-DR-89 Q2, Attachment 1

These four attachments are large spreadsheets that were difficult to convert to PDF documents. MS Excel and PDF-A versions of these files are provided on the Archival Disc.

Attachment 3 – Selected PSEP Quarterly Reports

- 184 pages – Includes the first two 2014 reports.

Attachment 4 - PSEP Documents in R.11-02-019, Part 2

- 30 pages – Includes an excerpt of the Direct Testimony of TURN witness Kuprewicz.

Attachment 5 - PSEP Documents in R.11-02-019, Part 3

- 579 pages – Includes Chapter 3 of PG&E’s Direct Testimony, and PG&E Rebuttal Testimony, Chapters 1, 3, 4, 11, 14, 15, and 16.

Attachment 6 - PSEP Documents in R.11-02-019, Part 3

- 30 pages – Includes Chapter 3C of PG&E direct testimony.

Attachment 7 - PSEP Documents in R.11-02-019, Part 1

- 358 pages – Includes Direct Testimony from ORA witnesses and ORA’s opening brief.

Attachment 8 – PSEP Update Documents in A.13-10-017

- 51 pages – Includes ORA comments on the SED PSEP report, PG&E’s response to ORA-DR-8 Q6, and the PG&E, ORA, TURN Joint Settlement Proposal.

Attachment 9 – SED Reports

- 84 pages – SED Report on PSEP Update and SED Preliminary Report on 2015 GT&S.

Attachment 10 – SFPUC Resolutions Awarding Contracts for Water Pipeline Replacement

- 34 pages – Includes resolutions for the five projects referenced in ORA’s testimony and workpapers.

Attachment 11 – Sempra PSEP Documents in A.11-11-002

- 61 pages – Testimony of ORA Witness Roberts regarding Hydrotest Costs.

Attachment 12 – Assorted additional documents cited in the testimony

- 231 pages including the documents described in the table below.

Request Number	Question Number
89	01
59	04
87	01
123	10

Attachment 12 Index	
Document	Page(s)
NTSB Accident Report	1-94
PSEP Update PG&E/ORR/TURN Motion for Settlement	95-133
BLS Input Data	134-136
PG&E PSEP Testimony, Chapter 2	137-159
Selected PSEP Update Hearing Transcript	160-163
EBMUD Standard Drawings	164-231

Archival Disc - large documents or active databases that did not lend themselves to hard copy production, including:

- ORA-DR-59 Q11, Attachments 2 and 4. Screenshots of the total recorded costs cited in ORR testimony are provided below.
- Workpapers for both Tom Roberts' Direct and Supplemental Testimony
- PG&E PSEP Workpapers Volumes 2 and 3
- PG&E PSEP Update Workpapers Volumes 1, 3, 4 and 5
- The following attachments to data requests:

Request Number	Question Number	Attachment number
59	04	02
59	04	02Rev01
59	11	02
59	11	04
64	13	01
87	01	01
89	01	01
89	02	01
116	01	02
123	10	01

Attachment 2 to PG&E's response to ORR-DR-59 Q11, excerpt

GTS-RateCase2015_DR_ORA_059-Q11Atch02 [Compatibility Mode] - Microsoft Excel												
PivotTable: Tools												
File Home Insert Page Layout Formulas Data Review View Developer Nitro Pro 9 Options Design												
Workbook Views: Normal, Page Layout, Page Break Preview, Custom Views, Full Screen												
Show: Ruler, Formula Bar, Gridlines, Headings, Zoom 100%												
Window: Split, View Side by Side, Synchronous Scrolling, Save Workspace, Switch Windows, Macros												
D20905 SP4Z T-279-13 MP 8.43 to 8.93												
Data												
Planning Ord	Planning Order Description	Order	Order Description	Cost Element	Cost Element Description	Sum of 2011 Actual	Sum of 2012 Actual					
20891	L-057A-MD2 TEST 0.32MI MP 0.00-0.32 PH1 Total						\$	281,775				
20892	5241588 Total						\$	281,775				
20893	5241596	L-137B TEST 7.38MI MP 0.00-7.37 PH1	41748966	L-137B TEST 7.38MI MP 0.00-7.37 PH1	5590042	Cost Adjustments	\$	301				
20894					5590042 Total	\$	301					
20895					6608158	Contractor Consultant	\$	228				
20896					6608158 Total	\$	228					
20897					6608159	Contractor Design	\$	2,786				
20898					6608159 Total	\$	2,786					
20899					6608160	Contractor Engineering	\$	15,460				
20900					6608160 Total	\$	15,460					
20901					L-137B TEST 7.38MI MP 0.00-7.37 PH1 Total						\$	18,774
20902					41748966 Total						\$	18,774
20903	L-137B TEST 7.38MI MP 0.00-7.37 PH1 Total						\$	18,774				
20904	5241596 Total						\$	18,774				
20905	5902168	SP4Z T-279-13 MP 8.43 TO 8.93	97001461	SP4Z T-279-13 MP 8.43 to 8.93	6010010	Pension/PBOP Intercompany Surcharge	\$	7,328				
20906					6010010 Total	\$	7,328					
20907					6010020	Insur & Casualty Intercompany Surcharge	\$	3,416				
20908					6010020 Total	\$	3,416					
20909					6010030	A&G Intercompany Surcharge	\$	25,010				
20910					6010030 Total	\$	25,010					
20911					6603025	Estimating Services	\$	111				
20912					6603025 Total	\$	111					
20913					6603195	Corrosion Service	\$	127				
20914					6603195 Total	\$	127					
20915					6608158	Contractor Consultant	\$	501				
20916					6608158 Total	\$	501					
20917					6608159	Contractor Design	\$	3,258				
20918					6608159 Total	\$	3,258					
20919					6608160	Contractor Engineering	\$	30,610				
20920					6608160 Total	\$	30,610					
20921					6608161	Contractor Permitting	\$	5,774				
20922					6608161 Total	\$	5,774					
20923					6608162	Contractor Program Mgmt	\$	1,428				
20924					6608162 Total	\$	1,428					
20925	6608163	Contractor Project Mgmt	\$	3,224								
20926	6608163 Total	\$	3,224									
20927	6608165	Contractor Subcontractor	\$	18,574								
20928	6608165 Total	\$	18,574									
20929	SP4Z T-279-13 MP 8.43 TO 8.93 Total						\$	99,361				
20930	97001461 Total						\$	99,361				
20931	SP4Z T-279-13 MP 8.43 TO 8.93 Total						\$	99,361				
20932	5902168 Total						\$	99,361				
20933	Grand Total						\$	341,190,919				
20934							\$	298,424,483				

Attachment 4 to PG&E's response to ORA-DR-59 Q11, excerpt

GTS-RateCase2015_DR_ORA_059-Q11Atch04 [Compatibility Mode] - Microsoft Excel

	A	B	C	D	E	F	G
1							
2							
3	Sum of 2013 Actual						
4	Planning Order	Planning Order Description	Order	Order Description	Cost Element	Cost Element Description	Total
10829					6603076	Management Services	\$ 888
10830					6603076 Total		\$ 888
10831					6608150	Telecom M&C Overtime Svcs	\$ 72
10832					6608150 Total		\$ 72
10833				MAOP GOI - ASSET MANAGEMENT Total			\$ 28,015
10834			8140156 Total				\$ 28,015
10835			8141885	MAOP QUANTITATIVE ANALYSIS	5001240	Consulting Services - Computer	\$ 221,603
10836					5001240 Total		\$ 221,603
10837					5001250	Consulting Services - Other	\$ 735,702
10838				8141885 (Order)	5001250 Total		\$ 735,702
10839				Row: 5238683 - MAOP 2013 PRE 1970 - 8141885	5006310	Cash Discount earned	\$ (11,362)
10840					5006310 Total		\$ (11,362)
10841					5490000	Contracts	\$ 923,049
10842					5490000 Total		\$ 923,049
10843					5490003	Engr/Dsgn and Engr, Proc & Constr Contra	\$ 624,682
10844					5490003 Total		\$ 624,682
10845					6603058	Technical Services	\$ 514
10846					6603058 Total		\$ 514
10847					6603843	Client Cmptg Support	\$ 1,676
10848					6603843 Total		\$ 1,676
10849				MAOP QUANTITATIVE ANALYSIS Total			\$ 2,495,864
10850			8141885 Total				\$ 2,495,864
10851			8142712	MAOP PFL DESIGN	5001250	Consulting Services - Other	\$ 45,867
10852					5001250 Total		\$ 45,867
10853					5490000	Contracts	\$ (18,284)
10854					5490000 Total		\$ (18,284)
10855					5490003	Engr/Dsgn and Engr, Proc & Constr Contra	\$ 22,326
10856					5490003 Total		\$ 22,326
10857					6603058	Technical Services	\$ 286
10858					6603058 Total		\$ 286
10859				MAOP PFL DESIGN Total			\$ 50,195
10860			8142712 Total				\$ 50,195
10861			MAOP 2013 PRE 1970 Total				\$ 19,592,398
10862	5238683 Total						\$ 19,592,398
10863	5238812	PSEP Hydrotesting Recoverable Expense	2032987	PSEP Hydrotesting Non-IIC Expense	5590042	Cost Adjustments	\$ 86,871,198
10864					5590042 Total		\$ 86,871,198
10865				PSEP Hydrotesting Non-IIC Expense Total			\$ 86,871,198
10866			2032987 Total				\$ 86,871,198
10867		PSEP Hydrotesting Recoverable Expense Total					\$ 86,871,198
10868	5238812 Total						\$ 86,871,198
10869	Grand Total						\$ 153,706,175
10870							
10871							
10872							
10873							

ORA 59 Q11b | ORA 59 Q11d Hydrotest 2013 | Order Costs Since Incep Master