BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of Pacific Gas and Electric Company for Authority, Among Other Things, to Increase Rates and Charges for Electric and Gas Service Effective on January 1, 2014.

(U 39 M)

And Related Matter

Application No. 12-11-009 (Filed November 15, 2012)

Investigation No. 13-03-007

CASE MANAGEMENT STATEMENT

MICHELLE L. WILSON STEVEN W. FRANK

Law Department PACIFIC GAS AND ELECTRIC COMPANY Post Office Box 7442 San Francisco, California 94120 Telephone: (415) 973-6976 Fax: (415) 973-0516 Email: SWF5@pge.com

Attorneys for PACIFIC GAS AND ELECTRIC COMPANY

Dated: July 10, 2013

Pursuant to Commissioner Florio's January 22, 2013 "Assigned Commissioner's Ruling and Scoping Memo" (ACR), Pacific Gas and Electric Company (PG&E) submits this Case Management Statement in order to facilitate an orderly scheduling of witnesses in the above-captioned matter.

The ACR directs this Case Management Statement^{1/} to address:

- The status of any ongoing settlement discussions.^{2/}
- The order of witnesses for evidentiary hearings.^{$\frac{3}{}$}
- Cross-examination times estimated by each of the parties and for each of the witnesses they wish to question.^{4/}
- A list of witnesses for whom no cross-examination is estimated. $\frac{5}{2}$
- Any other matters that the parties deem relevant. $\frac{6}{2}$

I. SETTLEMENT DISCUSSIONS.

A. Center for Accessible Technology

Concurrent with the submission of PG&E's application on November 15, 2012, PG&E presented a joint proposal with the Center for Accessible Technology (CforAT) to address certain accessibility issues.^{7/} To PG&E's knowledge, no party other than PG&E has provided testimony on the joint proposal.

B. Joint Parties

On May 24, 2013, the Joint Parties and PG&E entered into a settlement agreement and filed a motion with the Commission for adoption of the settlement agreement. On June 24, 2013, the Greenlining Institute submitted comments on the motion, as did The Utility Reform Network (TURN) and CforAT in a joint filing. These comments expressed support for the settlement agreement, subject

 $[\]underline{1}$ / ACR, page 6.

 $[\]underline{2}$ / See Section I below.

 $[\]underline{3}$ / See Section II, as well as Attachments A and B.

 $[\]underline{4}$ See Section II and Attachment A.

 $[\]underline{5}$ / See Section III.

 $[\]underline{6}$ See Section IV.

<u>7</u>/ Exhibit (PG&E-5), Ch. 11.

to certain reporting requirements. On July 8, 2013, the Joint Parties and PG&E filed a reply, stating that PG&E was amenable to the additional reporting requirements.

C. Ongoing Discussions

At present, PG&E is engaged in settlement discussions with a few parties. These discussions have taken place under the umbrella of Rule 12.6 of the Commission's Rules of Practice and Procedure and are considered confidential. Therefore, it would be inappropriate to identify the parties engaged in those discussions or the specific matters discussed. Nonetheless, for the purpose of this Case Management Statement, the parties participating in these discussions have agreed to disclose that the discussions have focused on specific issues and not on an overall revenue requirement.

PG&E is unable to predict whether these ongoing discussions will be fruitful. Regardless, PG&E believes that further discussions as the case proceeds may prove beneficial in arriving at certain stipulations or agreements.

II. ORDER OF WITNESSES AND CROSS EXAMINATION TIMES

PG&E and the other parties to the proceeding have jointly prepared the list of witnesses and estimates of cross examination times set forth in Attachment A. Information regarding availability of witnesses and requests to testify on "dates certain" are also included in Attachment A.

The order of witnesses is to follow the presentation of witnesses in Attachment A, subject to certain exceptions. One exception would be where a witness is unavailable on the specific date he or she would otherwise be called. Another exception would be where the parties have proposed dedicating days to certain topics (e.g., depreciation, Safety and Enforcement Division (SED) reports), in which cases witnesses might be called out of their usual order.

To help manage these exceptions, PG&E has prepared the prototype calendar that is included in Attachment B, which will be updated and circulated on a daily basis in the hearing room. Similarly, each evening during hearings, PG&E will email parties with a report on the witnesses that have completed their testimony that day, as well as the witnesses expected to testify the subsequent day.

III. LIST OF WITNESSES WITH NO CROSS TIME

PG&E has organized below, by party, the witnesses for whom no cross-examination is currently estimated by the parties. This information is derived from the estimates set forth in Attachment A.

PG&E: Jennifer Gardyne; Patricia Gideon; Judith Gutierrez; Joyce Ibardolasa; Kevin Knapp; Christopher Thomas, Jr.; and Sarah Ward.

DRA: Francis Fok and Joyce Lee.

TURN: Hayley Goodson.

Cal-SLA: Alison Lechowicz.

CCSF: Richard Stephens.

CCUE: Tom Dalzell.

ESC: Karen Sawislak and Joshua Sperry.

Greenlining: Stephanie Chen and Noemi Gallardo.

Joint Parties/NAAC: Faith Bautista.

Overland: Gary Harpster.

SCE: Paul Hunt, Jr.

IV. OTHER MATTERS

A. List of Exhibits

In order to facilitate efficient use of hearing room time, PG&E will maintain a running list of exhibits throughout the hearings. This list will indicate party, witness, attorney and, as appropriate, date identified and admitted into evidence.

With the help of the parties, PG&E has prepared a list of all testimony and, as appropriate, workpapers that parties intend to move into evidence. This list is included as Attachment C. It includes the following:

|| || ||

- On November 15, 2012, PG&E submitted Exhibits (PG&E-1 through PG&E-13) and associated workpapers;
- On March 19, 2013, PG&E submitted Exhibit (PG&E-14) Errata;
- On May 3, 2013, DRA submitted direct testimony;
- On May 17, 2013, 12 intervenors submitted direct testimony. These intervenors were: TURN, Cal-SLA,^{8/} CCSF, CEP, CCUE, EPUC, ESC, Greenlining, Joint Parties, MEA, Merced and Modesto ID, and SBUA.
- On May 17, 2013, the SED Safety Consultants, Liberty Consulting Group and Cycla Corporation, reports were provided to the service list;
- On May 31, 2013, the Overland Consulting report was provided to the service list;
- On June 28, 2013, PG&E submitted Exhibit (PG&E-15) Errata, as well as Exhibits (PG&E-16 to PG&E-28) consisting of rebuttal testimony;
- On June 28, 2013, TURN, A4NR,^{9/} CCUE, ESC, Joint Parties, MEA, Picarro Inc.,^{10/} SBUA, and SCE submitted rebuttal testimony.

Attachment C generally reflects the naming convention set forth in the ACR.^{11/} For example, PG&E's first exhibit has been identified as PG&E-1. DRA's first exhibit has been identified DRA-1, and so on.

B. Request from A4NR

Mr. Geesman of A4NR is unavailable on July 15 on other Commission business. He has asked that PG&E's two lead witnesses, Messrs. Earley and Johns (who are scheduled to testify on July 15), be recalled on an alternative date so that Mr. Geesman can cross examine each of them for ten minutes. PG&E opposes A4NR's request for several reasons. First, it is generally understood in CPUC practice that witnesses are expected to testify once, after which they are excused. This practice minimizes the burden and disruption to witnesses of multiple appearances -- a factor particularly

 $[\]underline{8}$ / Cal-SLA re-served its testimony to the service list on July 3, 2013.

 $[\]underline{9}$ On July 3, 2013, PG&E filed a motion to strike A4NR's testimony in its entirety. The motion is pending.

 $[\]underline{10}$ / Also on June 28, 2013, Picarro filed a motion seeking party status. The motion is pending.

 $[\]underline{11}$ / ACR, Appendix D, p. 1.

relevant for executives such as Messrs. Earley and Johns. Second, the timing of their appearance as PG&E's lead policy witnesses has been generally known since the January 22, 2013 Scoping Memo, thus there should be no surprise here. Third, Mr. Geesman's cross-examination is short and could be pursued on July 15 by one of his colleagues or another intervenor. Fourth, Mr. Geesman could ask his questions through data requests, which, if relevant, PG&E would be willing to stipulate into evidence.

Respectfully submitted,

By: <u>/s/ Steven W. Frank</u> STEVEN W. FRANK

> Law Department PACIFIC GAS AND ELECTRIC COMPANY Post Office Box 7442 San Francisco, California 94120 Telephone: (415) 973-6976 Fax: (415) 973-0516 Email: SWF5@pge.com

> Attorney for PACIFIC GAS AND ELECTRIC COMPANY

July 10, 2013

ATTACHMENT A

| - | | | | | | | | | | Urae | erotw | itness | and Cr | oss-E | kamina | ion II | me | | | | | | | | | | | | | | | |
|------------------------|-------|----------------------|---------------------------|---|--------------|------|-------|--------|--------|------|--------|--------|--------|-------|--------|--------|--------|------|--------|------|--------|-----------|------|------------|--------|--------|------|--------|------|-------------------|------|----------------|
| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | P | G&E | 1 | DRA | ти | JRN | A4 | 4NR | c | CSF | cc | CUE | c | EP | ε | PUC | MEA | | MMID | Pi | carro | s | BUA | | l Time /itness | | ulative ime |
| | | | | | | Est. | Actua | I Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actu | tual | Est. Actua | I Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| Anthony F. Earley, Jr. | PG&E | 1-1 | Testimony | Introduction | | | | 4 | 5 | 60 | | 10 | | | | | | | | | | 10 | | | | | | | 125 | 0 | 125 | 0 |
| | PG&E | 16-1 | Rebuttal Testimony | Introduction to Rebuttal Testimony | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Christopher P. Johns | PG&E | 1-2 | Testimony | Overview | | | | 3 | 0 | 30 | i | 10 | | | | | | | | | | 10 | | | | | | | 80 | 0 | 205 | 0 |
| Desmond A. Bell | PG&E | 1-3 | Testimony | Safety of the Public and Employees | | | | 7 | 5 | 30 | i. | | | | | | | | | | | | | | | | | | 105 | 0 | 310 | 0 |
| | PG&E | 7-1 | Testimony | Shared Services and Information Technology Policy and Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 16-3 | Rebuttal Testimony | Rebuttal Testimony on Safety of the Public and Employees | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-1 | Rebuttal Testimony | Shared Services and Information Technology Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anil Suri | PG&E | 1-4 | Testimony | Risk Assessment and Planning | | | | 1 | 5 | 30 | | | | | | | | | | | | | | | | | | | 45 | 0 | 355 | 0 |
| | PG&E | 16-4 | Rebuttal Testimony | Rebuttal Testimony on Risk Assessment and Planning | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shelly J. Sharp | PG&E | 1-5 | Testimony | Summary of PG&E's Request | | | | 6 | 0 | 75 | | | | 15 | | | | | | | | | | | | | 40 | þ | 190 | 0 | 545 | 0 |
| | PG&E | 1-5 | Work Papers | Summary of PG&E's Request | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 1-5 | Work Papers Supplement | Summary of PG&E's Request | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-1 | Testimony | Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-8 | Testimony | Compliance with Prior Commission Decisions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 16-2 | Rebuttal Testimony | Overview of Rebuttal | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nickolas Stavropoulos | PG&E | 3-1 | Testimony | Gas Distribution Operations Policy and Introduction | | | | 3 | 0 | 30 | | | | | | | | | | | | | | | | | | | 60 | 0 | 605 | 0 |
| | PG&E | 15 | Errata (PG&E-3, Ch. 1) | Gas Distribution Operations Policy and Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 16-1 | Rebuttal Testimony | Gas Distribution Operations Policy and Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Melvin J. Christopher | PG&E | 3-2 | Testimony | System Operations Gas Control | | | | 4 | 0 | | | | | | | | | | | | | | | | | | | | 40 | 0 | 645 | 0 |
| | PG&E | 3-2 | Work Papers | System Operations Gas Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | / Exhibit/Chapter Title/Topic | Date Certain | P | G&E | | ORA | π | JRN | A | 4NR | с | CSF | c | CUE | | CEP | E | PUC | | MEA | MMID | P | icarro | s | BUA | | l Time Vitness | | ulative ïme |
| | | | Errata (PG&E-3 | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | l Est. | Actua | I Est. | Actual | Est. Actu | al Est. | Actua | l Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 14 | Ch. 2) | ' System Operations Gas Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-2 | Rebuttal Testimony | System Operations Gas Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sumeet Singh | PG&E | 3-3 | Testimony | Gas Distribution Mapping and Records | | | | 15 | 5 | | | | | 30 | D | | | | | | | | | | | | | | 45 | 0 | 690 | 0 |
| | PG&E | 3-3 | Work Papers | Gas Distribution Mapping and Records | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-3, Ch. 3) | ' Gas Distribution Mapping and Records | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-3, Ch. 3) | ' Gas Distribution Mapping and Records | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-3 | Rebuttal Testímony | Gas Distribution Mapping and Records | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Christine C. Chapman | PG&E | 3-4 | Testimony | Gas Distribution Integrity Management Program | | | | 30 | 0 | 30 |) | | | 6(| D | | | | | | | | | | | | | | 120 | 0 | 810 | 0 |
| | PG&E | 3-4 | Work Papers | Gas Distribution Integrity Management Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-3, Ch. 4) | , Gas Distribution Integrity Management Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-4 | Rebuttal Testimony | Gas Distribution Integrity Management Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jodie L. Kubota | PG&E | 3-5 | Testimony | Pipe, Meter and Other Preventative Maintenance | | | | 30 |) | 30 | | | | | | | | | | | | | | | | | | | 60 | 0 | 870 | 0 |
| | PG&E | 3-5 | Work Papers | Pipe, Meter and Other Preventative Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-3, Ch. 5) | , Pipe, Meter and Other Preventative Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-3, Ch. 5) | , Pipe, Meter and Other Preventative Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-5 | Rebuttal Testimony | Pipe, Meter and Other Preventative Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Steve M. Redding | PG&E | 3-6 | Testimony | Leak Survey and Repair | | | | 60 |)) | 90 | | | | 3(| D | 20 | | | | | | | | | : | 20 | | | 220 | 0 | 1090 | 0 |
| | PG&E | 3-6 | Work Papers | Leak Survey and Repair | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-3, Ch. 6) | ' Leak Survey and Repair | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | | | ' Leak Survey and Repair | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | PG&E | DRA | т | URN | A4 | INR | co | CSF | cc | CUE | c | EP | EF | ouc | м | EA | MMID | Pi | carro | SE | BUA | | Time itness | | ulative me |
| | | | Debuttel | | | Est. Actual | Est. Actu | al Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | I Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 18-6 | Rebuttal Testimony | Leak Survey and Repair | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Richard W. Yamaguchi | PG&E | 3-7 | Testimony | Gas Field Services and Response | | | 20 | 2 | D | | | | | | | | | | | | | | | | | | 40 | 0 | 1130 | 0 |
| | PG&E | 3-7 | Work Papers | Gas Field Services and Response | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-7 | Rebuttal Testimony | Gas Field Services and Response | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Louis T. Krannich | PG&E | 3-8 | Testimony | Gas Distribution Capital and Investment Planning | | | 45 | 6 | D | | | | | | | | | | | | | | | | | | 105 | 0 | 1235 | 0 |
| | PG&E | 3-8 | Work Papers | Gas Distribution Capital and Investment Planning | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-3, Ch. 8) | Gas Distribution Capital and Investment Planning | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-3, Ch. 8) | Gas Distribution Capital and Investment Planning | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-8 | Rebuttal Testimony | Gas Distribution Capital and Investment Planning | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 27-Vol. 1, Ch. 3 | Rebuttal Testimony | Gas Distribution Budget Improvements and Long-Term Gas Programs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nina B. Bubnova | PG&E | 3-9 | Testimony | New Business and Work at the Request of Others | | | 25 | | | | | | | | | | | | | | | | | | | | 25 | 0 | 1260 | 0 |
| | PG&E | 3-9 | Work Papers | New Business and Work at the Request of Others | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-9 | Testimony | New Business and Work at the Request of Others | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-9 | Work Papers | New Business and Work at the Request of Others | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-3, Ch.9; PG&E-4, Ch. 9) | New Business and Work at the Request of Others | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-9 | Rebuttal Testimony | New Business and Work at the Request of Others | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-9 | Rebuttal Testimony | New Business and Work at the Request of Others | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bill L. Gibson | PG&E | 3-10 | Testimony | Technical Training and Research and Development | | | 20 | 3 | D | | | | | | | | | | | | | | | | | | 50 | 0 | 1310 | 0 |
| | PG&E | 3-10 | Work Papers | Technical Training and Research and Development | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 3-12 | Testimony | Gas Operations Building Projects, AGA Fees and PAS 55 Certification | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | P | G&E | D | RA | TUP | RN | A4NR | | CCSF | 0 | CCUE | | CEP | E | PUC | MEA | MMID | Pic | carro | SE | BUA | Total for W | Time itness | | ulative ïme |
| | 0 | | | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actu | al Est. | Actua | Est. | Actua | l Est. | Actua | I Est. | Actual | Est. Actual | Est. Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 3-12 | Work Papers | Gas Operations Building Projects, AGA Fees and PAS 55 Certification | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-3, Ch. 10 and 12) | Technical Training and Research and Development; Gas Operations Building Projects, AGA Fees and PAS 55 Certification | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-3, Ch. 12) | Gas Operations Building Projects, AGA Fees and PAS 55 Certification | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-10 | Rebuttal Testimony | Technical Training and Research and Development | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-12 | Rebuttal Testimony | Gas Operations Building Projects, AGA Fees and PAS 55 Certification | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Steven A. Whelan | PG&E | 3-11 | Testimony | Gas Operations Technology Costs | July 19. | | | 45 | 5 | 15 | | | 3 | 30 | | | | | | | | | | | | | 90 | 0 | 1400 | 0 |
| | PG&E | 3-11 | Work Papers | Gas Operations Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 18-11 | Rebuttal Testimony | Gas Operations Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Geisha J. Williams | PG&E | 4-1 | Testimony | Electric Distribution Operations Policy and Introduction | | | | 45 | | | | | | | | | | | | | | | | | | | 45 | 0 | 1445 | 0 |
| | PG&E | 4-1 | Work Papers | Electric Distribution Operations Policy and Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-4, Ch. 1) | Electric Distribution Operations Policy and Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-1 | Rebuttal Testimony | Electric Distribution Operations Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kevin J. Dasso | PG&E | 4-2 | Testimony | Electric Operations Technology | | | | 190 | | 60 | | | | | | | e | 0 | | | | | | | | | 310 | 0 | 1755 | 0 |
| | PG&E | 4-2 | Work Papers | Electric Operations Technology | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-3 | Testimony | Applied Technology Services | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-3 | Work Papers | Applied Technology Services | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-4 | Testimony | Electric Mapping and Records Management | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-4 | Work Papers | Electric Mapping and Records Management | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-2 | Rebuttal Testimony | Electric Operations Technology | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-3 | Rebuttal Testimony | Applied Technology Services | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | / Exhibit/Chapter Title/Topic | Date Certain | | G&E | DF | | TURN | | 4NR | | CSF | | CUE | | EP | EPUC | | IEA | | MID | | carro | | BUA | for W | l Time /itness | Ti | ulative ime |
| | PG&E | 19-4 | Rebuttal Testímony | Electric Mapping and Records Management | | Est. | Actual | Est. | Actual | Est. Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| Jeffery Hulon | PG&E | 4-5 | Testimony | Electric Distribution Maintenance | | | | 85 | | 60 | | | 90 |) | 20 | | | | | | | | | | | | | 255 | 0 | 2010 | 0 |
| | PG&E | 4-5 | Work Papers | Electric Distribution Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-4, Ch. 5, 6, and 7) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-6 | Testimony | Pole Test and Treat, Restoration and Joint Utilities Coordination | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-6 | Work Papers | Pole Test and Treat, Restoration and Joint Utilities Coordination | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-7 | Testimony | Pole Replacement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-7 | Work Papers | Pole Replacement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-5 | Rebuttal Testimony | Electric Distribution Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-6 | Rebuttal Testimony | Pole Test and Treat, Restoration and Joint Utilities Coordination | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-7 | Rebuttal Testimony | Pole Replacement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peter Dominguez | PG&E | 4-8 | Testimony | Vegetation Management | | | | 30 | | 15 | | | | | | | | | | | | | | | | | | 45 | 0 | 2055 | 0 |
| | PG&E | 4-8 | Work Papers | Vegetation Management | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-4, Ch. 8) | ' Vegetation Management | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-8 | Rebuttal Testimony | Vegetation Management | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barry D. Anderson | PG&E | 4-10 | Testimony | Electric Emergency Recovery | | | | 60 | | 20 | | | | | | | | | | | | | | | | | | 80 | 0 | 2135 | 0 |
| | PG&E | 4-10 | Work Papers | Electric Emergency Recovery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-11 | Testimony | Distribution System Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-11 | Work Papers | Distribution System Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-4, Ch. 11) | Distribution System Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | / Exhibit/Chapter Title/Topic | Date Certain | | G&E | | DRA | TURN | | 4NR | | CSF | | CUE | | CEP | EPUC | | IEA | | MID | | carro | | BUA | for V | l Time /itness | т | nulative Time |
| | PG&E | 15 | Errata (PG&E-4, Ch. 10) | ' Electric Emergency Recovery | | Est. | Actual | Est. | Actual | Est. Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | l Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 19-10 | Rebuttal Testimony | Electric Emergency Recovery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-11 | Rebuttal Testimony | Distribution System Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manho Yeung | PG&E | 4-12 | Testimony | Electric Distribution Capacity | | | | 15 | D | | | | | | | | | | | | | | | | | | | 150 | 0 | 2285 | 0 |
| | PG&E | 4-12 | Work Papers | Electric Distribution Capacity | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-13 | Testimony | Substation Asset Strategy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-13 | Work Papers | Substation Asset Strategy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-14 | Testimony | Electric Engineering - Distribution Planning, Operations, & Power Quality | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-14 | Work Papers | Electric Engineering - Distribution Planning, Operations, & Power Quality | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-4, Ch. 12, 13 and 14) | Distribution Planning, Operations, & Power Quality | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-4, Ch. 12, 13 and 14) | Electric Distribution Capacity; Substation Asset Strategy; Electric Engineering - Distribution Planning, Operations, & Power Quality | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-12 | Rebuttal Testimony | Electric Distribution Capacity | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-13 | Rebuttal Testimony | Substation Asset Strategy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-14 | Rebuttal Testimony | Electric Engineering - Distribution Planning, Operations, & Power Quality | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Steve E. Calvert | PG&E | 4-15 | Testimony | Electric Distribution Reliability | | | | 15 | 5 | 45 | | | | | | | | | | | | | | | | | | 200 | 0 | 2485 | 0 |
| | PG&E | 4-15 | Work Papers | Electric Distribution Reliability | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-16 | Testimony | Underground Asset Management | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-16 | Work Papers | Underground Asset Management | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-17 | Testimony | Distribution Automation and System Protection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 4-17 | Work Papers | Distribution Automation and System Protection | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Titie/Topic | Date Certain | P | G&E | | DRA | ти | IRN | A4 | 4NR | c | CSF | c | CUE | 6 | CEP | E | PUC | N | IEA | м | MID | Pic | arro | s | BUA | | l Time /itness | | ulative ïme |
| | PG&E | 14 | Errata (PG&E-4, Ch. 15 and 17) | Electric Distribution Reilability; Distribution Automation and System Protection | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actua | Est. | Actua | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 19-15 | Rebuttal Testimony | Electric Distribution Reliability | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-16 | Rebuttal Testimony | Underground Asset Management | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-17 | Rebuttal Testimony | Distribution Automation and System Protection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sindy L. Mikkelsen | PG&E | 4-18 | Testimony | Rule 20A | | | | 2 | 0 | | | | | | | | | | | | | | | | | | | | | 20 | 0 | 2505 | 0 |
| | PG&E | 4-18 | Work Papers | Rule 20A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-4, Ch. 18) | Rule 20A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-18 | Rebuttal Testimony | Rule 20A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Steven L. Dannecker | PG&E | 4-19 | Testimony | LED Streetlight Program | | | | 6 | 0 | 15 | | | | 30 |) | | | | | | | | | | | | | | | 105 | 0 | 2610 | 0 |
| | PG&E | 4-19 | Work Papers | LED Streetlight Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-19 | Rebuttal Testimony | LED Streetlight Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| John B. Carruthers | PG&E | 4-20 | Testimony | Electric Distribution Support Activities | | | | 2 | 5 | 30 | | | | | | | | | | | | | | | | | | | | 55 | 0 | 2665 | 0 |
| | PG&E | 4-20 | Work Papers | Electric Distribution Support Activities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-4, Ch. 20) | Electric Distribution Support Activities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 19-20 | Rebuttal Testimony | Electric Distribution Support Activities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Helen A. Burt | PG&E | 5-1 | Testimony | Customer Care Policy | | | | 2 | 0 | | | | | | | | | | | | | | | | | | | 1 | D | 30 | 0 | 2695 | 0 |
| | PG&E | 15 | Errata (PG&E-5, Ch. 1) | Customer Care Policy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-1 | Rebuttal Testimony | Customer Care Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Steven H. Phillips | PG&E | 5-2 | Testimony | Customer Inquiry Assistance | | | | 6 | 0 | 120 | | | | | | | | | | | | | | | | | | 211111111 | | 180 | 0 | 2875 | 0 |
| | PG&E | 5-2 | Work Papers | Customer Inquiry Assistance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | P | G&E | DRA | ти | RN | A4 | NR | С | CSF | с | CUE | | CEP | E | PUC | N | IEA | м | MID | Pic | arro | SB | UA | | ll Time Vitness | | ulative ime |
| | | | | | | Est. | Actual | Est. Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | l Est. | Actual | Est. | Actua | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 5-3 | Testimony | Office Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-3 | Work Papers | Office Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-4 | Testimony | Meter to Cash | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-4 | Work Papers | Meter to Cash | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-5 | Testimony | Metering | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-5 | Work Papers | Metering | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-6 | Testimony | Quality Assurance Program/Safety Net Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-6 | Work Papers | Quality Assurance Program/Safety Net Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 5-11 | Testímony | Accessibility Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-4, Ch. 2, 4, and 5) | Customer Inquiry Assistance; Meter to Cash; Metering | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-4, Ch. 2, 4, and 5) | Customer Inquiry Assistance; Meter to Cash; Metering | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-2 | Rebuttal Testimony | Customer Inquiry Assistance | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-3 | Rebuttal Testimony | Office Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-4 | Rebuttal Testimony | Meter to Cash | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-5 | Rebuttal Testimony | Metering | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jess A. Brown | PG&E | 5-7 | Testimony | Customer Energy Solutions | | | | 30 | 15 | | | | | | | | | | | | | | 30 | | | | 40 | | 115 | 0 | 2990 | 0 |
| | PG&E | 5-7 | Work Papers | Customer Energy Solutions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-5, Ch. 7) | Customer Energy Solutions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-5, Ch. 7) | Customer Energy Solutions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-6 | Rebuttal Testimony | Customer Energy Solutions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | | G&E | | ORA | | JRN | | INR | | SF | | CUE | | CEP | | PUC | MEA | | IMID | | arro | | BUA | for W | l Time /itness | Ti | ulative ime |
| David E. Rubin | PG&E | 5-8 | Testimony | Customer Retention | | Est. | Actual | Est. 11 | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actua | I Est. | Actual | Est. Actua | al Est. 80 | | Est. | Actual | Est. | Actual | Est. 100 | Actual 0 | Est. 3090 | Actual 0 |
| | PG&E | 5-8 | Work Papers | Customer Retention | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-5, Ch. 8) | Customer Retention | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-7 | Rebuttal Testimony | Customer Retention | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rian F. Rich | PG&E | 5-9 | Testimony | Information Technology Programs | | | | 21 | 0 | | | | | | | | | | | | | | | | | | | | 20 | 0 | 3110 | 0 |
| | PG&E | 5-9 | Work Papers | Information Technology Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-5, Ch. 9) | Information Technology Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-8 | Rebuttal Testimony | Information Technology Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ames L. Meadows | PG&E | 5-10 | Testimony | SmartMeter™ Program | | | | 1: | 5 | | | | | | | | | 5 | 0 | | | | | | | | | | 65 | 0 | 3175 | 0 |
| | PG&E | 5-10 | Work Papers | SmartMeter™ Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-5, Ch. 10) | SmartMeter™ Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-5, Ch. 10) | SmartMeter™ Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 20-9 | Rebuttal Testimony | SmartMeter™ Program | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ohn T. Conway | PG&E | 6-1 | Testimony | Energy Supply Operations Policy | July 25. | | | 21 | 0 | | | | | | | | | | | 1 | > | | | | | | | | 30 | 0 | 3205 | 0 |
| | PG&E | 21-1 | Rebuttal Testimony | Energy Supply Operations Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| lichael L. Jones | PG&E | 6-2 | Testimony | Hydro Operations Costs | | | | 10 | 5 | 45 | | | | | | | | | | 9 | D | | | | | | | | 240 | 0 | 3445 | 0 |
| | PG&E | 6-2 | Work Papers | Hydro Operations Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 21-2 | Rebuttal Testimony | Hydro Operations Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d Halpin | PG&E | 6-3 | Testimony | Nuclear Operations Costs | August 1 (August 2 if necessary.) | | | 61 | 0 | 60 | | 40 | | | | | | | | 1 | » | | | | | | | | 170 | 0 | 3615 | 0 |
| | PG&E | 6-3 | Work Papers | Nuclear Operations Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP Errata | / Exhibit/Chapter Title/Topic | Date Certain | P | G&E | | RA | τυ | RN | Α4 | INR | CCSF | | CCUE | | CEP | E | PUC | м | EA | MN | MID | Pica | arro | SB | UA | Total for W | Time itness | | ulative me |
| | PG&E | 15 | Errata (PG&E-6 Ch. 3) | ' Nuclear Operations Costs | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actu | al Est | Actua | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 21-3 | Rebuttal Testimony | Nuclear Operations Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Debbie Powell | PG&E | 6-4 | Testimony | Fossil and Other Generation Operations Costs | | | | 75 | 5 | 45 | | | | | | | | | | | | | | | | | | | 120 | 0 | 3735 | 0 |
| | PG&E | 6-4 | Work Papers | Fossil and Other Generation Operations Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 21-4 | Rebuttal Testimony | Fossil and Other Generation Operations Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kelly A. Everidge | PG&E | 6-5 | Testimony | Energy Procurement Administration Costs | | | | 75 | 5 | 15 | | | | | | | | | | | | | 15 | | | | 25 | | 130 | 0 | 3865 | 0 |
| | PG&E | 6-5 | Work Papers | Energy Procurement Administration Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 21-5 | Rebuttal Testimony | Energy Procurement Administration Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Joseph F. O'Flanagar | PG&E | 6-6 | Testimony | Energy Supply Ratemaking | | | | 30 |) | 30 | | | | | | | | | 40 |) | 45 | | | | | | | | 145 | 0 | 4010 | 0 |
| | PG&E | 6-6 | Work Papers | Energy Supply Ratemaking | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 21-6 | Rebuttal Testimony | Energy Supply Ratemaking | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Linda Limberg | PG&E | 7-2 | Testimony | Safety Department | | | | 60 |) | | | | | | | | | | 15 | 5 | | | | | | | | | 75 | 0 | 4085 | 0 |
| | PG&E | | Work Papers | Safety Department | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-7 Ch. 2) | ' Safety Department | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-2 | Rebuttal Testimony | Safety Department | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| David M. Meisel | PG&E | 7-3 | Testimony | Transportation Services | | | | 40 | > | | | | | | | | | | | | | | | | | | | | 40 | 0 | 4125 | 0 |
| | PG&E | 7-3 | Work Papers | Transportation Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-7 Ch. 3) | ' Transportation Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-3 | Rebuttal Testimony | Transportation Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lance C. Schultz | PG&E | 7-4 | Testimony | Supply Chain - Materials Logistics and Planning | | | | 35 | 5 | | | | | | | | | | | | | | | | | | | | 35 | 0 | 4160 | 0 |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | P | G&E | | ORA | ти | RN | A4NR | 2 | ccs | SF | cc | CUE | c | EP | EI | PUC | MEA | MMID | Pi | carro | SE | BUA | | Time itness | | ulative ime |
| | | | | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. A | ctual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actual | Est. Actua | l Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 7-4 | Work Papers | Supply Chain - Materials Logistics and Planning | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-4 | Rebuttal Testimony | Supply Chain - Materials Logistics and Planning | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Steve T. Coleman | PG&E | 7-5 | Testimony | Supply Chain - Sourcing Operations | | | | 25 | 5 | | | | | | | | | | | | | | | | | 15 | | 40 | 0 | 4200 | 0 |
| | PG&E | 7-5 | Work Papers | Supply Chain - Sourcing Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-5 | Rebuttal Testimony | Supply Chain - Sourcing Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Helen Vu | PG&E | 7-6 | Testímony | Real Estate | | | | 48 | 5 | 120 | | | | | | | | | | | | | | | | | | 165 | 0 | 4365 | 0 |
| | PG&E | 7-6 | Work Papers | Real Estate | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-7, Ch. 6) | Real Estate | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-7, Ch. 6) | Real Estate | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-6 | Rebuttal Testimony | Real Estate | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Janet C. Loduca | PG&E | 7-7 | Testimony | Environmental Program | | | | 20 | D | | | | | | | | | | | | | | | | | | | 20 | 0 | 4385 | 0 |
| | PG&E | 7-7 | Work Papers | Environmental Program | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-7 | Rebuttal Testimony | Environmental Program | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malia M. Wolf | PG&E | 7-8 | Testimony | Information Technology Costs | | | | 75 | 5 | 90 | | | | | | | | | | | | | | | | | | 165 | 0 | 4550 | 0 |
| | PG&E | 7-8 | Work Papers | Information Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-7, Ch. 8) | Information Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-7, Ch. 8) | Information Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 22-8 | Rebuttal Testimony | Information Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| James W. Sample | PG&E | 7-9 | Testimony | Information Technology Cybersecurity | | | | 25 | 5 | | | | | | | | | | | | | | | | | | | 25 | 0 | 4575 | 0 |
| | PG&E | 7-9 | Work Papers | Information Technology Cybersecurity | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | / Exhibit/Chapter Title/Topic | Date Certain | | G&E | | DRA | TURN | | 44NR | | CSF | | CUE | CE | | | ouc | | IEA | | MID | | carro | | BUA | | Time itness | | ulative ime |
| | | | Dobuttel | | | Est. | Actual | | | Est. Act | ual Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| Leslie Banach | PG&E | 22-9 | Rebuttal Testimony | Records Management Projects | | | | 60 | D | | | | | | | | | | | | | | | | | | | | 60 | 0 | 4635 | 0 |
| John R. Simon | PG&E | 8-1 | Testimony | Human Resources Policy | July 29. | | | 20 | D | 15 | | | | | | | | | | | | | | | | | | | 35 | 0 | 4670 | 0 |
| | PG&E | 15 | Errata (PG&E-8, Ch.1) | Human Resources Policy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 23-1 | Rebuttal Testimony | Human Resources Policy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Joyce Ibardolasa | PG&E | 8-2 | Testimony | Workforce Diversity and Inclusion Policy | | | | | D | | | | | | | | | | | | | | | | | | | | 0 | 0 | 4670 | 0 |
| | PG&E | 23-2 | Rebuttal Testimony | Workforce Diversity and Inclusion Policy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| John Lowe | PG&E | 8-3 | Testimony | Total Compensation Study | | | | 85 | 5 | 15 | | | | | | | | | | | | | | | | | 15 | | 115 | 0 | 4785 | 0 |
| | PG&E | 8-3 | Work Papers | Total Compensation Study | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 8-5 | Testimony | Short-Term Incentive Plan and Labor Escalation Assumptions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 8-5 | Work Papers | Short-Term Incentive Plan and Labor Escalation Assumptions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-8, Ch. 5) | , Short-Term Incentive Plan and Labor Escalation Assumptions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 23-3 | Rebuttal Testimony | Total Compensation Study | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 23-6 | Rebuttal Testimony | Short-Term Incentive Plan and Labor Escalation Assumptions | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F. Pierce Noble James Vaughan | PG&E | 8-4 | Testimony | Total Compensation Study Results – Mercer, LLC | | | | 25 | 5 | | | | | | | | | | | | | | | | | | | | 25 | 0 | 4810 | 0 |
| | PG&E | 8-4 | Work Papers | Total Compensation Study Results – Mercer, LLC | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-8, Ch. 4) | Total Compensation Study Results – Mercer, LLC | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 23-4 | Rebuttal Testimony | Total Compensation Study Results – Mercer, LLC | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Timothy J. Marnell | PG&E | 23-5 | Rebuttal Testimony | Benefits Valuation Review | | | | 18 | 5 | | | | | | | | | | | | | | | | | | | | 15 | 0 | 6260 | 0 |
| Dora M. Choy | PG&E | 8-6 | Testimony | Benefits, Health and Insurance | | | | 18 | 5 | 60 | | | | | | | | | | | | | | | | | | | 75 | 0 | 4885 | 0 |
| | PG&E | 8-6 | Work Papers | Benefits, Health and Insurance | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | | | | | 1 | | | | Urae | erotvvi | tness and (| ross-E | xamina | ation i | ime | | | - | _ | | | | | | | | | | | |
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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | | G&E | | RA | | IRN | A4NR | | CSF | | CUE | | CEP | EPUC | | IEA | MN | | | arro | SBI | | for V | l Time /itness | Ti | ulative ime |
| | PG&E | 14 | Errata (PG&E-8, Ch. 6) | Benefits, Health and Insurance | | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | I Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | ll Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 15 | Errata (PG&E-8, Ch. 6) | Benefits, Health and Insurance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 23-7 | Rebuttal Testimony | Benefits, Health and Insurance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Valerie I. Lewis Ted Huntley | PG&E | 8-7 | Testimony | Retirement, Disability and Other Benefits, Including Trust Contributions | | | | 1: | 5 | 60 | | | | | | | | | | | | | | | | | | 75 | 0 | 4960 | 0 |
| | PG&E | 8-7 | Work Papers | Retirement, Disability and Other Benefits, Including Trust Contributions | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 23-8 | Rebuttal Testimony | Retirement, Disability and Other Benefits, Including Trust Contributions | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Christopher Thomas | PG&E | 8-8 | Testimony | Workers' Compensation Costs | | | | | D | | | | | | | | | | | | | | | | | | | 0 | 0 | 4960 | 0 |
| | PG&E | 8-8 | Work Papers | Workers' Compensation Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-8, Ch. 8) | Workers' Compensation Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Andrew K. Williams | PG&E | 8-9 | Testimony | Workforce Management - Severance Program Costs | | | | 31 | D | | | | | | | | | | | | | | | | | | | 30 | 0 | 4990 | 0 |
| | PG&E | 8-9 | Work Papers | Workforce Management - Severance Program Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-4 | Testimony | Human Resources Department and HR Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-4 | Work Papers | Human Resources Department and HR Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-8, Ch. 9) | Workforce Management - Severance Program Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-8, Ch. 4) | Human Resources Department and HR Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 23-9 | Rebuttal Testimony | Workforce Management - Severance Program Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 24-3 | Rebuttal Testimony | Human Resources Department and HR Technology Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bruce P. Fraser | PG&E | 9-2 | Testimony | Finance Organization Costs | | | | 1: | 5 | 15 | | | | | | | | | | | | | | | | | | 30 | 0 | 5020 | 0 |
| | PG&E | 9-2 | Work Papers | Finance Organization Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-9, Ch. 2) | Finance Organization Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | | G&E | | RA | | JRN | | 4NR | сс | | | UE | | EP: | | ouc | | EA | MMID | | icarro | | BUA | | l Time litness | | ulative ime |
| | 8 | | | | | Est. | Actual | Est. | Actua | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | al Est. | Actua | al Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 24-1 | Rebuttal Testímony | Finance Organization Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Megan S. Janis | PG&E | 9-3 | Testimony | Risk and Audit Department Costs and Insurance Expenses | | | | 30 |) | | | | | | | | | | | | | | | | | | | | 30 | 0 | 5050 | 0 |
| | PG&E | 9-3 | Work Papers | Risk and Audit Department Costs and Insurance Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-9, Ch. 3) | Risk and Audit Department Costs and Insurance Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-9, Ch. 3) | Risk and Audit Department Costs and Insurance Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 24-2 | | Risk and Audit Department Costs and Insurance Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katherine Bird | PG&E | 9-5 | Testimony | Regulatory Relations Department Costs | August 5. | | | 30 |) | 45 | | | | | | | | | | | | | | | | | | | 75 | 0 | 5125 | 0 |
| | PG&E | 9-5 | Work Papers | Regulatory Relations Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | | Errata (PG&E-9, Ch. 5) | Regulatory Relations Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-9, Ch. 5) | Regulatory Relations Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 24-4 | Rebuttal Testimony | Regulatory Relations Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sanford L. Hartman | PG&E | 9-6 | Testimony | Law Department and Related Costs | July 29. | | | 15 | 5 | 15 | | | | | | | | | | | | | | | | | | | 30 | 0 | 5155 | 0 |
| | PG&E | 9-6 | Work Papers | Law Department and Related Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-9, Ch. 6) | Law Department and Related Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-9, Ch. 6) | Law Department and Related Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 24-5 | Rebuttal Testimony | Law Department and Related Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Linda Y.H. Cheng | PG&E | 9-7 | Testimony | PG&E Corporation and Pacific Gas and Electric Company Executive Offices; and Corporate Secretary Department Gasts a construction of the construction | July 31. | | | 15 | 5 | | | | | | | | | | | | | | | | | | | | 15 | 0 | 5170 | 0 |
| | PG&E | 9-7 | Work Papers | For Corporation and Pacific Gas and Electric Company Executive Offices; and Corporate Secretary Department | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 24-6 | Rebuttal Testimony | FSME Corporation and Pacific Gas and Electric Company Executive Offices; and Corporate Secretary Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Susan C. Martinez | PG&E | 9-8 | Testimony | Corporate Affairs - Communications Department Costs | | | | 15 | 5 | 15 | | | | | | | | | | | | | | | | | | | 30 | 0 | 5200 | 0 |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | | G&E | DRA | | JRN | | INR | | CSF | | CUE | | CEP | | PUC | | IEA | | MID | | arro | | UA | for W | l Time litness | | ulative ime |
| | | | | | | Est. | Actual | Est. Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 9-8 | Work Papers | Corporate Affairs - Communications Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-9 | Testimony | Corporate Affairs - External Affairs Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-9 | Work Papers | Corporate Affairs - External Affairs Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 24-7 | Rebuttal Testimony | Corporate Affairs - Communications Department Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nielson D. Jones | PG&E | 2-1 | Testimony | Introduction | | | | 20 | 45 | | | | | | | | | | | | | | | | | | | | 65 | 0 | 5265 | 0 |
| | PG&E | 2-13 | Testimony | Working Cash | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 21-3 | Work Papers | Working Cash | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-18 | Testimony | Calculation of Revenue Requirement | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-18 | Work Papers | Calculation of Revenue Requirement | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-2, Ch. 13 and 18) | Working Cash; Calculation of Revenue Requirement | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-2, Ch. 13) | ' Working Cash | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 17-5 | Rebuttal Testimony | Working Cash | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| David H. Hartman | PG&E | 2-2 | Testimony | SAP FERC Translation | | | | 25 | | | | | | | | | | | | | | | | | | | | | 25 | 0 | 5290 | 0 |
| | PG&E | 2-2 | Work Papers | SAP FERC Translation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-3 | Testimony | Electric Distribution O&M Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-3 | Work Papers | Electric Distribution O&M Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-4 | Testimony | Gas Distribution O&M Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-4 | Work Papers | Gas Distribution O&M Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-5 | Testimony | Customer Accounts Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-5 | Work Papers | Customer Accounts Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Witness | Party | Exhibit - Chapter | Testimony/WP Errata | / Exhibit/Chapter Title/Topic | Date Certain | Р | G&E | 6 | ORA | π | JRN | A. | 4NR | ccs | F | cc | UE | с | EP | EF | ouc | M | EA | MMID | Pi | carro | s | BUA | | l Time /itness | | ulative me |
| | 8 | | | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | al Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 2-6 | Testimony | Generation O&M Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-6 | Work Papers | Generation O&M Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-2 Ch.5) | ' Customer Accounts Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 17-7 | Rebuttal Testimony | Gas Distribution Imputed Values | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| udith S. Gutierrez | PG&E | 2-7 | Testimony | Administrative and General Expenses | | | | (| D | | | | | | | | | | | | | | | | | | | | 0 | 0 | 5290 | 0 |
| | PG&E | 2-7 | Work Papers | Administrative and General Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-1 | Testimony | Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-1 | Work Papers | Introduction | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-10 | Testimony | A&G Ratemaking Adjustments | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 9-10 | Work Papers | A&G Ratemaking Adjustments | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-2 Ch.7) | ' Administrative and General Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-9 Ch. 10) | ' A&G Ratemaking Adjustments | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarah Ward | PG&E | 2-8 | Testimony | Payroll and Other Taxes | | | | 0 | D | | | | | | | | | | | | | | | | | | | | 0 | 0 | 5290 | 0 |
| | PG&E | 2-8 | Work Papers | Payroll and Other Taxes | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charles M. Marre | PG&E | 2-9 | Testimony | Electric, Gas and Common Plant | August 8 and/or 9. | | | 40 | o | 120 | | | | | | | | | | 10 | | | | | | | | | 170 | 0 | 5460 | 0 |
| | PG&E | 2-9 | Work Papers | Electric, Gas and Common Plant | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-10 | Testimony | Depreciation Reserve and Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-10 | Work Papers | Depreciation Reserve and Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-14 | Testimony | Gas and Electric Distribution and Generation Rate Base | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 2-14 | Work Papers | Gas and Electric Distribution and Generation Rate Base | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | _ | | | | | | | | | Order of W | nness | and Ci | oss-E | xamina | | me | | | | | | | | | | | | | | | |
|-------------------|-------|----------------------|--|--|--------------------|------|-------|------|--------|-------------|-------|--------|-------|--------|------|--------|------|--------|------------|--------|--------|------|--------|------|--------|------|--------|------|--------------------|------|----------------|
| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | P | G&E | D | RA | TURN | A4 | 1NR | C | CSF | co | CUE | с | EP | EPUC | N | IEA | м | din | Pic | arro | SB | BUA | | ll Time Vitness | | ulative ime |
| | PG&E | 11-3 | Testimony | Rate Base Growth in Attrition Years and Related Costs | | Est. | Actua | Est. | Actual | Est. Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | I Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | PG&E | 11-3 | Work Papers | Rate Base Growth in Attrition Years and Related Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-2, Ch. 9, 10, and 14) | Electric, Gas and Common Plant; Depreciation Reserve and Expense; Gas and Electric Distribution and General Rate Base | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-2, Ch. 14) | Gas and Electric Distribution and Generation Rate Base | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 17-1 | Rebuttal Testímony | Rebuttal Testimony on Depreciation Reserve and Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C. Richard Clarke | PG&E | 2-11 | Testimony | Depreciation Study | August 8 and/or 9. | | | 40 | | 300 | | | | | | | | | | | | | | | | | | 340 | 0 | 5800 | 0 |
| | PG&E | 2-11 | Work Papers | Depreciation Study | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-2, Ch. 11) | Depreciation Study | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 15 | Errata (PG&E-2, Ch. 11) | Depreciation Study | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 17-2 | Rebuttal Testimony | Depreciation Study | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack A. Battin | PG&E | 2-12 | Testimony | Income and Property Taxes | | | | 25 | | 30 | | | | | | | | | | | | | | | | | | 55 | 0 | 5855 | 0 |
| | PG&E | 2-12 | Work Papers | Income and Property Taxes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-2, Ch. 12) | Income and Property Taxes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 17-3 | Rebuttal Testimony | Income and Property Taxes | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 17-4 | Rebuttal Testimony | Special Deduction for Dividend Payments to an ESOP | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patricia Gideon | PG&E | 2-15 | Testimony | Electric Revenues at Present Rates | | | | C | | | | | | | | | | | | | | | | | | | | 0 | 0 | 5855 | 0 |
| | PG&E | 2-15 | Work Papers | Electric Revenues at Present Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-6 | Testimony | Illustrative Electric Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-6 | Work Papers | Illustrative Electric Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E- 10, Ch. 6) | Illustrative Electric Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---------------------|-------|----------------------|-----------------------------------|--|--------------|------|-------|---|-----|------|--------|------|--------|--------|--------|------|--------|------|--------|------|--------|-------------|------------|--------|--------|------|--------|-------|-------------------|------|----------------|
| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | | G&E | | DRA | τυ | | A41 | | | SF | | UE | | EP | | ouc | MEA | MMID | | carro | | BUA | for W | l Time /itness | Ті | ulative ïme |
| | | | | | | Est. | Actua | T | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actual | Est. Actua | I Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| Kenneth E. Niemi | PG&E | 2-16 | Testimony | Gas Revenues at Present Rates | | | | 2 | 5 | | | | | | | | | | | | | | | | | | | 25 | 0 | 5880 | 0 |
| | PG&E | 2-16 | Work Papers | Gas Revenues at Present Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-7 | Testimony | Illustrative Gas Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-7 | Work Papers | Illustrative Gas Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 25-3 | Rebuttal Testimony | Illustrative Gas Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stephen J. Koenig | PG&E | 2-17 | Testimony | Other Operating Revenues | | | | 2 | 5 | 15 | | | | | | | | | | | | | | | | | | 40 | 0 | 5920 | 0 |
| | PG&E | 2-17 | Work Papers | Other Operating Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E-2- Ch.17) | Other Operating Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 17-6 | Rebuttal Testimony | Other Operating Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jennifer K. Gardyne | PG&E | 10-2 | Testimony | Balance Sheet and Statement of Operations | | | | | 0 | | | | | | | | | | | | | | | | | | | 0 | 0 | 5920 | 0 |
| Matthew Masters | PG&E | 10-3 | Testimony | Escalation Rates | | | | 4 | 5 | | | | | | | | | | | | | | | | | | | 45 | 0 | 5965 | 0 |
| | PG&E | 10-3 | Work Papers | Electric Billings and Sales | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-4 | Testimony | Escalation Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-4 | Work Papers | Electric Billings and Sales | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 10-5 | Testimony | Gas Billings and Sales | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 14 | Errata (PG&E- 10, Ch. 3 and 5) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 25-1 | Rebuttal Testimony | Escalation Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 25-2 | Rebuttal Testimony | Electric Billings and Sales | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Teresa J. Hoglund | PG&E | 10-9 | Testimony | Balancing Accounts | | | | 1 | 0 | | | | | | | | | | | | | | | | | | | 10 | 0 | 5975 | 0 |
| | PG&E | 25-4 | Rebuttal Testimony | Balancing Accounts | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|-----------------------------------|-------|----------------------|-----------------------------|---|--------------|------|--------|------|--------|------|----------|-------|--------|-------|--------|---------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|-------------------|------|------------------|
| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | / Exhibit/Chapter Title/Topic | Date Certain | | G&E | | DRA | | IRN | | INR | | CSF | | CCUE | | CEP | | PUC | | IEA | | MID | | arro | | BUA | | l Time /itness | | nulative Time |
| | - | | | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| Jason P. Wells | PG&E | 10-10 | Testimony | PG&E's Planning and Budgeting Processes | | | | 3: | 5 | 30 | | | | | | | | | | | | | | | | | | | | 65 | 0 | 6040 | 0 |
| | PG&E | 15 | Errata (PG&E- 10, Ch. 1) | PG&E's Planning and Budgeting Processes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 27-Vol. 1, Ch. 2 | Rebuttal Testimony | Enterprise-Wide Budget Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Richard A. Patterson | PG&E | 10-11 | Testimony | Financing Proposals for Certain Long- Lived Assets | | | | 2! | 5 | | | | | | | | | | | 90 |) | | | | | | | | | 115 | 0 | 6155 | 0 |
| | PG&E | 25-5 | Rebuttal Testimony | Financing Proposals for Certain Long- Lived Assets | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Walter A. Campbell Jay D. Dore | PG&E | 10-12 | Testimony | Alignment of Investor and Ratepayer Interests | | | | 1: | 5 | 15 | | | | | | | | | | | | | | | | | | | | 30 | 0 | 6185 | 0 |
| | PG&E | 10-12 | Work Papers | Alignment of Investor and Ratepayer Interests | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 25-6 | Rebuttal Testimony | Alignment of Investor and Ratepayer Interests | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| David S. Thomason | PG&E | 11-1 | Testimony | Post Test-Year Ratemaking Proposal | | | | 14 | 5 | 45 | | | | | | | | | | | | | | | | | | | | 60 | 0 | 6245 | 0 |
| | PG&E | 11-2 | Testimony | Attrition and Proposed Attrition Changes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 11-2 | Work Papers | Attrition and Proposed Attrition Changes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PG&E | 26-1 | Rebuttal Testimony | Post Test-Year Ratemaking Proposal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRA Clayton Tang | DRA | 1 | Testimony | Executive Summary | | 6 | 0 | | | | | | | | | | | | | | | | | | | | | | | 60 | 0 | 6320 | 0 |
| | DRA | 22 | Testimony | Post Test Year Ratemaking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DRA | 22 | Work Papers | Post Test Year Ratemaking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jean Jarjoura | DRA | 2 | Testimony | Summary of Earnings | | | 5 | T | | | | | | | | | | | | | | | | | | | | | | 5 | 0 | 6325 | 0 |
| Marek Kanter | DRA | 3 | Testimony | Billings, Sales, and Other Operating Revenues | | 3 | 0 | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 6355 | 0 |
| | DRA | 4 | Testimony | Cost Escalation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eleanor Jaeger | DRA | 5 | Testimony | Electric Distribution Expenses (Part 1 of 2) | | 3 | 0 | | | | | | | | | 2 | 20 | | | | | | | | | | | | | 50 | 0 | 6405 | 0 |
| Tamera Godfrey | DRA | 6 | Testimony | Electric Distribution Expenses (Part 2 of 2) | July 30. | 6 | 0 | | | | | | | | | 2 | 20 | 2 | 0 | | | | | | | | | | | 100 | 0 | 6505 | 0 |

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|------------------|-------|----------------------|------------------------|--|-------------------------------------|------|--------|------|--------|------|--------|--------|--------|---------|--------|---------|--------|------|-------|--------|--------|------|--------|-----------|---------|---------|------|--------|------|-------------------|------|----------------|
| Witness | Party | Exhibit - Chapter | Testimony/WP Errata | Exhibit/Chapter Title/Topic | Date Certain | PG | 6&E | | DRA | т | JRN | A | 4NR | cc | SF | co | CUE | c | CEP | E | PUC | м | IEA | MMID | Р | licarro | s | BUA | | l Time fitness | | ulative ime |
| | | | | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actua | I Est. | Actual | Est. | Actual | Est. Actu | al Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| | DRA | 11 | Testimony | Energy Supply Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DRA | 15 | Testimony | Human Resources (Part 2 of 2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gregory Wilson | DRA | 7 | Testimony | Electric Distribution Capital Expenditures (Part 1 of 2) | s | 30 | | | | | | | | | | 30 | | | | | | | | | | | | | 60 | 0 | 6565 | 0 |
| | DRA | 7 | Work Papers | Electric Distribution Capital Expenditures (Part 1 of 2) | s | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mark Bumgardner | DRA | 8 | Testimony | Electric Distribution Capital Expenditures (Part 2 of 2) | s | 30 | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 6595 | 0 |
| | DRA | 8 | Work Papers | Electric Distribution Capital Expenditures (Part 2 of 2) [PGE GRC Distribution Plant Additions Workpapers] | s | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dao Phan | DRA | 9 | Testímony | Gas Distribution Expenses | August 6. | 45 | | | | | | | | | | 40 | | | | | | | | | 4 | 45 | | | 130 | 0 | 6725 | 0 |
| Sophie Chia | DRA | 10 | Testimony | Gas Distribution Capital Expenditures | August 6. | 30 | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 6755 | 0 |
| Scott Logan | DRA | 12 | Testimony | Energy Supply Capital Expenditures | July 31. | 20 | | | | | | | | | | | | | | | | | | | | | | | 20 | 0 | 6775 | 0 |
| Peter Morse | DRA | 13 | Testimony | Customer Care Costs | LJT not available 7/19 thru 7/22 | 20 | | | | | | | | | | | | 15 | 5 | | | | | | | | | | 35 | 0 | 6810 | 0 |
| Stacey Hunter | DRA | 14 | Testimony | Human Resources Expenses (Part 1 of 2) | July 25. | 30 | | | | | | | | | | 30 | | | | | | | | | | | | | 60 | 0 | 6870 | 0 |
| Donna-Fay Bower | DRA | 16 | Testimony | Administrative & General Expenses (Part 1 of 2) | August 6. | 15 | | | | | | | | | | | | | | | | | | | | | | | 15 | 0 | 6885 | 0 |
| Lindsay Laserson | DRA | 17 | Testimony | Administrative & General Expenses (Part 2 of 2) | LJT not available 7/19 thru 7/22 | 15 | | | | | | | | | | | | | | | | | | | | | | | 15 | 0 | 6900 | 0 |
| | DRA | 17 | Work Papers | Administrative & General Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jerry Oh | DRA | 18 | Testimony | Shared Services & Information Technology Costs | July 31. | 5 | | | | | | | | | | | | | | | | | | | | | | | 5 | 0 | 6905 | 0 |
| Matthew Karle | DRA | 19 | Testimony | Depreciation Expenses and Reserve | August 8 and/or 9. | 5 | | | | 15 | 5 | | | | | | | | | | | | | | | | | | 20 | 0 | 6925 | 0 |
| | DRA | 19 | Work Papers | Depreciation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| James Wuehler | DRA | 20 | Testimony | Tax Expenses and Other Financial Matters | July 31. | 30 | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 6955 | 0 |
| | DRA | 20 | Work Papers | Tax Expenses and Other Financial Matters | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keliy Lee | DRA | 21 | Testimony | Rate Base (including Working Cash) | July 31. | 45 | | | | | | | | | | | | | | | | | | | | | | | 45 | 0 | 7000 | 0 |

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| Witness | Party | Exhibit - Chapter | Testimony/WP Errata | 2/ Exhibit/Chapter Title/Topic | Date Certain | | G&E | | ORA | | JRN | | INR | | CSF | | CUE | | EP | | onc | MEA | | MMID | | carro | | BUA | for V | l Time /itness | т | nulative Time |
| | | | | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Actua | al Es | t. Actua | l Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| Mark Waterworth | DRA | 23 | Testimony | Results of Examination | LJT not available 7/19 thru 7/22 | 15 | 5 | | | | | | | | | | | | | | | | | | | | | | 15 | 0 | 7015 | 0 |
| Francis Fok | DRA | 23 | Testimony | Results of Examination | LJT not available 7/19 thru 7/22 | c | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7015 | 0 |
| Joyce Lee | DRA | 23 | Testimony | Results of Examination | LJT not available 7/19 thru 7/22 | C | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7015 | 0 |
| TURN | | 1000 | | | | - | | | | | • | | | 1 | · · | • 1 | • | | 1 | 1 | | · · | | | - | · · · · · · | | | | | | 4 |
| Hayley Goodson | TURN | n/a | Testimony | Addressing the Proposal of Pacific Gas and Electric Company for a New Uncollectibles Mechanism | | C |) | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7015 | 0 |
| Garrick F. Jones | TURN | n/a | Testimony | Results of Operations Issues for Pacific Gas and Electric Company | August 6. | 30 | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 7045 | 0 |
| | TURN | n/a | Rebuttal Testimony | Rebuttal in Pacific Gas and Electric Company's 2014 Test Year General Rate Case - Liberty Report | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| William B. Marcus | TURN | n/a | Testimony | Electric Generation and Other Results o Operations Issues for Pacific Gas and Electric Company | f August 7. | 135 | 5 | | | | | | | | | | | | | | | 15 | | 15 | | | | | 165 | 0 | 7210 | 0 |
| | TURN | n/a | Rebuttal Testimony | Rebuttal Testimony on Ratemaking Issues for Pacific Gas and Electric Company Re: Marin Energy Authority | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jeffrey A. Nahigian | TURN | n/a | Testimony | Results of Operations Issues for Pacific Gas and Electric Company | August 6. | 30 | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 7240 | 0 |
| | TURN | n/a | Rebuttal Testimony | Rebuttal Testimony Concerning Results of Operations for Pacific Gas and Electric Company Re Cycla | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jacob Pous | TURN | n/a | Testimony | Report on Various Results of Operations Issues in Pacific Gas & Electric Company's 2014 General Rate Case Phase I | S August 8 and/or 9. | 90 |) | | | | | | | | | | | | | | | | | | | | | | 90 | 0 | 7330 | 0 |
| Gayatri M. Schilberg | TURN | n/a | Testimony | Report on Information Technology and Selected Electric Distribution Issues in Pacific Gas and Electric Company's 2014 Test Year General Rate Case | August 7. | 60 | | | | | | | | | | 20 | | | | | | | | | | | | | 80 | 0 | 7410 | 0 |
| | TURN | n/a | Rebuttal Testimony | Rebuttal in Pacific Gas and Electric Company's 2014 Test Year General Rate Case Re Pole Replacements | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| John Sugar | TURN | n/a | Testimony | Gas Distribution Issues for Pacific Gas and Electric Company | August 1. | 60 | | | | | | | | | | | | | | | | | | | 2 | 0 | | | 80 | 0 | 7490 | 0 |
| | TURN | n/a | Testimony | Short Term Incentive Program Issues fo Pacific Gas and Electric Company Redacted Version | r | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TURN | n/a | Rebuttal Testimony | TURN Rebuttal to "Evaluation of PG&E" 2014 Gas Distribution GRC Filing" Prepared by Cycla Corporation | s | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TURN | n/a | Rebuttal Testimony | TURN Rebuttal to "Evaluation of PG&E" 2014 Gas Distribution GRC Filing" Prepared by Cycla Corporation Attachments | s | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| James Weil | TURN | n/a | Testimony | Direct Testimony of James Weil | August 7. | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | 5 | 0 | 7495 | 0 |
| Catherine E. Yap | TURN | n/a | Testimony | Direct Testimony of Catherine E. Yap | August 7. | 30 | > | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 7525 | 0 |

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|--------------------------------|-------------------------|----------------------|-------------------------|---|-------------------------|------|--------|------|--------|------|----------|---------|--------|--------|--------|---------|--------|------|-------|--------|--------|------|-----------|-------|----------|--------|---------|------|--------|-------|-------------------|------|----------------|
| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | | G&E | | RA | | IRN | A4N | | сс | | | CUE | | CEP | | EPUC | | MEA | | MMID | | licarro | | BUA | for V | l Time /itness | т | ulative ïme |
| A4NR | | | | | | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actua | al Es | t. Act | tual | Est. Actu | ial E | st. Actu | al Est | Actua | Est. | Actual | Est. | Actual | Est. | Actual |
| John Geesman | A4NR | n/a | Rebuttal Testimony | Rebuttal Testimony of John Geesman on Behalf of Alliance for Nuclear Responsibility | | 30 | D | | | | | | | | | | | | | | | | | | | | | | | 30 | 0 | 7555 | 0 |
| CAL-SLA Alison M. Lechowicz | Cal SLA | 1 | Testimony | Prepared Direct Testimony and Qualifications of Alison M. Lechowicz in Pacific Gas & Electric General Rate Case 2014 Phase I | Not available 7/19-7/24 | | D | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7555 | 0 |
| Jonathan Cherry | CCSF | n/a | Testímony | Testimony of Jonathan Cherry on Behalf of the City and County of San Francisco | July 31. | 10 | b | | | | | | | | | | | | | | | | | | | | | | | 10 | 0 | 7565 | 0 |
| Richard Stephens | CCSF | n/a | Testimony | Testimony of Richard Stephens on Behalf of the City and County of San Francisco | | (| D | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7565 | 0 |
| COUE | | | Warran | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Tom Dalzell | CCUE | n/a | Rebuttal Testimony | Rebuttal Testimony of Tom Dalzell on Behalf of the Coalition of California Utility Employees | Only available 8/5-8/9 | (| þ | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7565 | 0 |
| David Marcus | CCUE | n/a | Testimony | Utility Employees | August 1. | 10 | þ | | | 15 | | | | | | | | | | | | | | | | | 20 | | | 45 | 0 | 7610 | 0 |
| | CCUE | n/a | Errata | Opening Testimony of David Marcus on Behalf of the Coalition of California Utility Employees | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CCUE | n/a | Rebuttal Testimony | Rebuttal Testimony of David Marcus on Behalf of the Coalition of California Utility Employees | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CEP Martin Homec | CEP | n/a | Testimony | Center for Electrosmog Prevention Testimony on Pacific Gas and Electric Company General Rate Case Test Year 2014 | | 10 | D D | | | | | | | | | | | | | | | | | | | | | | | 10 | 0 | 7620 | o |
| EPUC James A. Ross | EPUC | 1 | Testimony | Prepared Direct Testimony of James A. Ross on Behalf of the Energy Producers and Users Coalition | July 31. | 40 | D | Ι | | | | | | | | | | | | Τ | | Τ | | | | | Τ | Ι | | 40 | 0 | 7660 | 0 |
| ESC | 1 1 1 | 21512 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 4 |
| Karen Sawislak | ESC | n/a | Rebuttal Testímony | Rebuttal Testimony of Karen Sawislak on Behalf of the Engineers and Scientists of California, Local 20 IFPTE | | C | D | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7660 | 0 |
| Joshua Sperry | ESC | n/a | Testímony | Prepared Testimony of Joshua Sperry on Behalf of the Engineers and Scientists of California, Local 20 IFPTE | | C | D | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7660 | 0 |
| Greenlining | | | | Prepared Testimony of Stephanie Chen | I | 1 | 1 | 1 | | | 1 1 | | | | 1 | | 1 | 1 | | - 1 | 1 | 1 | | | | - 1 | | 1 | 1 | | 1 | | |
| Stephanie Chen | Greenlining | n/a | Testimony | Energy and Telecommunications Policy Director | | (| D | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7660 | 0 |
| Noemi Gallardo | Greenlining | n/a | Testimony | Prepared Testimony of Noemi Gallardo Energy and Telecommunications Policy Fellow | | (| c | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7660 | 0 |
| Joint Parties | | | | Opening Testimony of Faith Bautista, | 1 | | | T | | | | | | | | | | 1 | | | | | I | | | | | | | | 1 | | |
| Faith Bautista | Joint Parties (NAAC) | 1 | Testimony | CEO of the National Asian American Coalition, on Behalf of the Joint Parties Rebuttal Testimony of Joint Parties | | (| c | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 7660 | 0 |
| MEA | Joint Parties (NAAC) | 2 | Rebuttal Testímony | Expert Faith Bautista re Customer Outreach | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jeremy Waen | MEA | n/a | Testimony | Testimony of the Marin Energy Authority on Pacific Gas and Electric Company's Application for 2014 General Rate Case Phase 1 | | 20 | | | | | | | | | | | | | | | | | | | | | | | | 20 | 0 | 7680 | 0 |

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10005

Order of Witness and Cross-Examination Time

| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | / Exhibit/Chapter Title/Topic | Date Certain | PG&E | | DRA | ти | IRN | Α4 | NR | сс | SF | сс | UE | с | EP: | EF | PUC | м | EA | MI | MID | Pic | arro | SE | BUA | | l Time Vitness | | ulative ime |
|---------------------------------|----------|----------------------|-------------------------|--|--------------|---------|-----------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|-------------------|------|----------------|
| | MEA | n/a | Rebuttal Testimony | Rebuttal Testimony of the Marin Energy Authority on Pacific Gas and Electric Company's Application for 2014 General Rate Case Phase 1 | | Est. Ac | tual Est. | Actual | Est. | Actual | Est. | Actual |
| MMID Thomas S. Kimball | MMID | n/a | Testimony | Concurrent Direct Testimony of Merced Irrigation District and Modesto Irrigation District | August 5. | 15 | | | | | | | | | | | | | | | | | | | | | | | 15 | 0 | 7695 | 0 |
| Don Ouchley | MMID | n/a | Testimony | Concurrent Direct Testimony of Merced Irrigation District and Modesto Irrigation District | | 15 | | | | | | | | | | | | | | | | | | | | | | | 15 | 0 | 7710 | 0 |
| Picarro Eric Crosson SBUA | Picarro | n/a | Rebuttal Testímony | Prepared Rebuttal Testimony of Eric Crosson on Behalf of Piccaro, Inc. | July 26. | 0 | | 20 | | | | | | | 20 | | | | | | | | | | | | | | 40 | 0 | 7750 | 0 |
| Michael Brown | SBUA | n/a | Testimony | Expert Report on Issues Affecting Small Businesses | | 20 | | | | | | | | | | | | | | | | | | | | | | | 20 | 0 | 7770 | 0 |
| SCE | SBUA | n/a | Rebuttal Testimony | Rebuttal Testimony on Issues Affecting Small Businesses | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rick Fisher | SCE | n/a | Rebuttal Testimony | SCE Rebuttal to TURN Testimony on Depreciation and DRA Testimony on AFUDC Rates | August 8. | 0 | | | 30 | | | | | | | | | | | | | | | | | | | | 30 | o | 7800 | 0 |
| Paul T. Hunt, Jr. | SCE | n/a | Rebuttal Testimony | SCE Rebuttal to TURN Testimony on Depreciation and DRA Testimony on AFUDC Rates | | 0 | | | | | | | | | | | | | | | | | | | | | | | O | 0 | 7800 | 0 |
| SED Safety Reports | 100 A | | | | in the state | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| John Gawronski | Cycla | n/a | Testimony | Evaluation of PG&E's 2014 Gas Distribution GRC Filing | August 2. | 15 | | 45 | 15 | | | | | | | | | | | | | | | | | | | | 75 | 0 | 7875 | 0 |
| Paul Wood | Cycia | n/a | Testimony | Evaluation of PG&E's 2014 Gas Distribution GRC Filing | August 2. | 0 | | | 15 | | | | | | | | | | | | | | | | | | | | 15 | 0 | 7890 | 0 |
| John Antonuk | Liberty | n/a | Testimony | Study of Risk Assessment and PG&E's GRC | July 30. | 10 | | 40 | | | | | | | | | 40 | , | | | | | | | | | | | 90 | 0 | 7980 | 0 |
| Rich Mazzini | Liberty | n/a | Testimony | Study of Risk Assessment and PG&E's GRC | July 30. | 10 | | 40 | | | | | | | | | | | | | | | | | | | | | 50 | 0 | 8030 | 0 |
| Larry Nunnery | Liberty | n/a | Testimony | Study of Risk Assessment and PG&E's GRC | July 30. | 10 | | 40 | 40 | | | | | | | | | | | | | | | | | | | | 90 | 0 | 8120 | 0 |
| Grant Davies | PG&E | 16-5 | Rebuttal Testímony | Rebuttal Testimony of Comparative Analysis of Risk | July 19. | | | 40 | 30 | | | | 90 | | | | 30 | | | | | | | | | | | | 190 | 0 | 8310 | 0 |
| Overland Consulting | Report | | Ì | Economical Audit of the Device | 1 | - T T | I | | 1 | 1 | | 1 1 | | 1 | r 1 | | ſ | I | I | 1 | 1 | T | I | | T | 1 | | | | | | |
| Gary Harpster | Overland | n/a | Testimony | Focused Financial Audit of the Pacific Gas & Electric Company's Gas Distribution Operations | | 0 | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 8310 | 0 |
| Kevin Knapp | PG&E | | Rebuttal Testimony | Gas Distribution Operations | | | | | | | | | | | | | | | | | | | | | | | | | 0 | 0 | 8310 | 0 |

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| Witness | Party | Exhibit - Chapter | Testimony/WP/ Errata | Exhibit/Chapter Title/Topic | Date Certain | PG | &E | DRA | | TURN | A | 4NR | co | SF | сси | JE | CE | Р | EPU | JC | ME | A | MMID | | Picarr | • | SBUA | . I | Total for W | | | mulative Time |
|--------------------|-------|----------------------|-------------------------|--------------------------------|---|-------------|--------|----------|---------|--------------------|------|----------------|------|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|--------|----------|------------------|
| | | | | | | Est. | Actual | Est. Act | ual Est | . Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. Ad | tual E | st. A | ctual | Est. Ar | ctual | Est. | Actual | Est. | Actu |
| latthew O'Laughlin | PG&E | 27-Vol. 2 | Rebuttal Testimony | Ratemaking and Earnings Issues | July 29. | | | 20 | | | | | | | | | | | | | | | | | | | | | 20 | 0 | 8330 | 0 |
| Bruce Smith | PG&E | 27-Vol. 1, Ch. 1 | Rebuttal Testimony | Overland Report Overview | July 29. | | | 10 | | | | | | | | | | | | | | | | | | | | | 10 | 0 | 8340 | 0 |
| | | | | | | 1175 | 0 | 3235 | 0 23 | s15 0 |) 6 | 0 0 | 375 | 0 | 220 | o | 215 | o | 265 | 0 | 90 | o | 140 | 0 | 105 | 0 | 145 | 0 | 8340 | 0 | 8340 | 0 |
| | | | | | No. of Hours (Mins/60) No. of Days (Hrs/4.5) | 19.6 4.4 | | | | 8.6 0.0 8.6 0.0 | | 0 0.0 2 0.0 | | | 3.7 0.8 | 0.0 0.0 | 3.6 0.8 | 0.0 0.0 | 4.4 1.0 | 0.0 0.0 | 1.5 0.3 | 0.0 0.0 | 2.3 0.5 | 0.0 0.0 | 1.8 0.4 | 0.0 0.0 | 2.4 0.5 | 0.0 0.0 | | | • | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | T | otal Hours | ş | 139.0 | 0.0 |) 139 | 0.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | T | otal Days | | 30.9 | 0.0 | <u> </u> | 30. |

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TODAY'S DATE: JULY 15, 2013

| | PG | &E | DF | RA | TU | RN | A4N | IR | cc | SF | cc | UE | CI | ΞP | EPI | JC | М | EA | MN | IID | Pica | arro | SB | UA |
|---------------------------|-------|-------------|--------|--------|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual | Est. | Actual |
| Minutes | 1,175 | 0 | 3,235 | 0 | 2,315 | 0 | 60 | 0 | 375 | 0 | 220 | 0 | 215 | 0 | 265 | 0 | 90 | 0 | 140 | 0 | 105 | 0 | 145 | 0 |
| Hours | 19.6 | 0.0 | 53.9 | 0.0 | 38.6 | 0.0 | 1.0 | 0.0 | 6.3 | 0.0 | 3.7 | 0.0 | 3.6 | 0.0 | 4.4 | 0.0 | 1.5 | 0.0 | 2.3 | 0.0 | 1.8 | 0.0 | 2.4 | 0.0 |
| % of 4 Week Schedule | 21.8% | 0.0% | 59.9% | 0.0% | 42.9% | 0.0% | 1.1% | 0.0% | 6.9% | 0.0% | 4.1% | 0.0% | 4.0% | 0.0% | 4.9% | 0.0% | 1.7% | 0.0% | 2.6% | 0.0% | 1.9% | 0.0% | 2.7% | 0.0% |
| | | <u>Est.</u> | Actual | | | | | | | | | | | | | | | | | | | | | |
| Total Requested | | 8,340 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Total Available (4 weeks) | | 5,400 | 5,400 | | | | | | | | | | | | | | | | | | | | | |
| Difference - (Over)/Under | | (2,940) | 5,400 | | | | | | | | | | | | | | | | | | | | | |
| Percent of 4 Weeks | | 154.4% | 0.0% | | | | | | | | | | | | | | | | | | | | | |

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ATTACHMENT B

TODAY'S DATE: JULY 15, 2013

| Docket | : A.12-11-009 |
|------------|---------------|
| Commission | : Florio |
| ALJ | : Pulsifer |

Order of Witnesses for Monday, July 15, 2013:

| | | | | | | | | 270 minutes equals 1 day - or 4.5 hours - of hearing time | | |
|------------------------|-------|---------------|----------------|----------------|----------------|---------------|----------------|--|---------------------------|--|
| Witness | Party | DRA (Est.) | TURN (Est.) | A4NR (Est.) | CCSF (Est.) | MEA (Est.) | SBUA (Est.) | Total Time for Witness (Est.) | Cumulative Time (Est.) | |
| Anthony F. Earley, Jr. | PG&E | 45 | 60 | 10 | | 10 | | 125 | 125 | |
| Christopher P. Johns | PG&E | 30 | 30 | 10 | | 10 | | 80 | 205 | |
| Desmond A. Bell | PG&E | 75 | 30 | | | | | 105 | 310 | |
| Expected End of Day | | | | | | | | | | |
| Anil Suri | PG&E | 15 | 30 | | | | | 45 | 355 | |
| Shelly J. Sharp | PG&E | 60 | 75 | | 15 | | 40 | 190 | 545 | |

PG&E 2014 GRC – "Date Certain" Testimony Dates

| | Tode 2014 Orto - Date ocrtain resumony Bates | | | | | | | | | |
|--|--|--|---|---|--|--|--|--|--|--|
| Mon | Tue | Wed | Thu | Fri | | | | | | |
| 15 (July) | 16 | 17 | 18 | 19 Davies (PG&E) Whelan (PG&E) | | | | | | |
| 22 | 23 | 24 | 25 Conway (PG&E) Hunter (DRA) | 26 Crosson (Picarro) | | | | | | |
| 29 Hartman (PG&E) O'Laughlin (PG&E) Simon (PG&E) Smith (PG&E) | 30 Godfrey (DRA) Liberty Consulting | 31 Cheng (PG&E) K. Lee (DRA) Logan (DRA) Oh (DRA) Wuehler (DRA) Cherry (CCSF) Ross (EPUC) | 1 (August) Ed Halpin (PG&E) Sugar (TURN) D. Marcus (CCUE) | 2 Cycla Corporation | | | | | | |
| 5 Bird (PG&E) Kimball (MMID) Ouchley (MMID) | 6 Bower (DRA) Chia (DRA) Phan (DRA) Jones (TURN) Nahigian (TURN) | 7 W. Marcus (TURN) Schilberg (TURN) Weil (TURN) Yap (TURN) | 8 – Depreciation* Clarke (PG&E) Marre (PG&E) Fisher (SCE) Karle (DRA) Pous (TURN) | 9 – Depreciation* | | | | | | |

*Depreciation witnesses will testify August 8 and 9. Rick Fisher, SCE, will testify on August 8. Other witnesses will testify August 8 and/or 9 depending on the time available.

ATTACHMENT C

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|------------------------|-----------------|--------------------|------------------|
| | PG&E-1 | | PG&E | Summary of PG&E's 2014 General Rate Case | Testimony | | | | |
| | PG&E-1 | Ch. 1 | PG&E | Introduction | Testimony | Anthony F. Earley, Jr. | Steve Frank | | |
| | PG&E-1 | Ch. 2 | PG&E | Overview | Testimony | Christopher P. Johns | Steve Frank | | |
| | PG&E-1 | Ch. 3 | PG&E | Safety of the Public and Employees | Testimony | Desmond A. Bell | Steve Frank | | |
| | PG&E-1 | Ch. 4 | PG&E | Risk Assessment and Planning | Testimony | Anil Suri | Steve Frank | | |
| | PG&E-1 | Ch. 5 | PG&E | Summary of PG&E's Request | Testimony | Shelly J. Sharp | Steve Frank | | |
| | PG&E-1 WP 05 | Ch. 5 | PG&E | Summary of PG&E's Request | Workpapers | Shelly J. Sharp | Steve Frank | | |
| | PG&E-1 WP 05 S | Ch. 5 | PG&E | Summary of PG&E's Request | Workpapers | Shelly J. Sharp | Steve Frank | | |
| | PG&E-2 | 1 | PG&E | Results of Operations | Testimony | | | | |
| | PG&E-2 | Ch. 1 | PG&E | Introduction | Testimony | Nielson D. Jones | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 2 | PG&E | SAP FERC Translation | Testimony | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 WP 02 | Ch. 2 | PG&E | SAP FERC Translation | Workpapers | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 3 | PG&E | Electric Distribution O&M Expense | Testimony | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 WP 03 | Ch. 3 | PG&E | Electric Distribution O&M Expense | Workpapers | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 4 | PG&E | Gas Distribution O&M Expense | Testimony | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 WP 04 | Ch. 4 | PG&E | Gas Distribution O&M Expense | Workpapers | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 5 | PG&E | Customer Accounts Expense | Testimony | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 WP 05 | Ch. 5 | PG&E | Customer Accounts Expense | Workpapers | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 6 | PG&E | Generation O&M Expense | Testimony | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 WP 06 | Ch. 6 | PG&E | Generation O&M Expense | Workpapers | David H. Hartman | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 7 | PG&E | Administrative and General Expenses | Testimony | Judith S. Gutierrez | Craig Buchsbaum | | |
| | PG&E-2 WP 07 | Ch. 7 | PG&E | Administrative and General Expenses | Workpapers | Judith S. Gutierrez | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 8 | PG&E | Payroll and Other Taxes | Testimony | Sarah Ward | Craig Buchsbaum | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|-----------------|---------|-------|--|-----------------|--------------------|-----------------|--------------------|------------------|
| | PG&E-2 WP 08 | Ch. 8 | PG&E | Payroll and Other Taxes | Workpapers | Sarah Ward | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 9 | PG&E | Electric, Gas and Common Plant | Testimony | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-2 WP 09 | Ch. 9 | PG&E | Electric, Gas and Common Plant | Workpapers | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 10 | PG&E | Depreciation Reserve and Expense | Testimony | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-2 WP 10 | Ch. 10 | PG&E | Depreciation Reserve and Expense | Workpapers | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 11 | PG&E | Depreciation Study | Testimony | C. Richard Clarke | Craig Buchsbaum | | |
| | PG&E-2 WP 11 V1 | Ch. 11 | PG&E | Depreciation Study - Volume 1 | Workpapers | C. Richard Clarke | Craig Buchsbaum | | |
| | PG&E-2 WP 11 V2 | Ch. 11 | PG&E | Depreciation Study - Volume 2 | Workpapers | C. Richard Clarke | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 12 | PG&E | Income and Property Taxes | Testimony | Jack A. Battin | Craig Buchsbaum | | |
| | PG&E-2 WP 12 V1 | Ch. 12 | PG&E | Income and Property Taxes - Volume 1 | Workpapers | Jack A. Battin | Craig Buchsbaum | | |
| | PG&E-2 WP 12 V2 | Ch. 12 | PG&E | Income and Property Taxes - Volume 2 | Workpapers | Jack A. Battin | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 13 | PG&E | Working Cash | Testimony | Nielson D. Jones | Craig Buchsbaum | | |
| | PG&E-2 WP 13 | Ch. 13 | PG&E | Working Cash | Workpapers | Nielson D. Jones | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 14 | PG&E | Gas and Electric Distribution and Generation Rate Base | Testimony | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-2 WP 14 | Ch. 14 | PG&E | Gas and Electric Distribution and Generation Rate Base | Workpapers | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 15 | PG&E | Electric Revenues at Present Rates | Testimony | Patricia C. Gideon | Craig Buchsbaum | | |
| | PG&E-2 WP 15 | Ch. 15 | PG&E | Electric Revenues at Present Rates | Workpapers | Patricia C. Gideon | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 16 | PG&E | Gas Revenues at Present Rates | Testimony | Kenneth E. Niemi | Craig Buchsbaum | | |
| | PG&E-2 WP 16 | Ch. 16 | PG&E | Gas Revenues at Present Rates | Workpapers | Kenneth E. Niemi | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 17 | PG&E | Other Operating Revenues | Testimony | Stephen J. Koenig | Craig Buchsbaum | | |
| | PG&E-2 WP 17 | Ch. 17 | PG&E | Other Operating Revenues | Workpapers | Stephen J. Koenig | Craig Buchsbaum | | |
| | PG&E-2 | Ch. 18 | PG&E | Calculation of Revenue Requirement | Testimony | Nielson D. Jones | Craig Buchsbaum | | |
| | PG&E-2 WP 18 V1 | Ch. 18 | PG&E | Calculation of Revenue Requirement - Volume 1 | Workpapers | Nielson D. Jones | Craig Buchsbaum | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|-----------------|---------|-------|---|-----------------|-----------------------|-----------------|--------------------|------------------|
| | PG&E-2 WP 18 V2 | Ch. 18 | PG&E | Calculation of Revenue Requirement - Volume 2 | Workpapers | Nielson D. Jones | Craig Buchsbaum | | |
| | PG&E-3 | | PG&E | Gas Distribution | Testimony | | | | |
| | PG&E-3 | Ch. 1 | PG&E | Gas Distribution Operations Policy and Introduction | Testimony | Nickolas Stavropoulos | Erich Lichtblau | | |
| | PG&E-3 | Ch. 2 | PG&E | System Operations Gas Control | Testimony | Melvin J. Christopher | Erich Lichtblau | | |
| | PG&E-3 WP 02 | Ch. 2 | PG&E | System Operations Gas Control | Workpapers | Melvin J. Christopher | Erich Lichtblau | | |
| | PG&E-3 | Ch. 3 | PG&E | Gas Distribution Mapping and Records | Testimony | Sumeet Singh | Erich Lichtblau | | |
| | PG&E-3 WP 03 | Ch. 3 | PG&E | Gas Distribution Mapping and Records | Workpapers | Sumeet Singh | Erich Lichtblau | | |
| | PG&E-3 | Ch. 4 | PG&E | Gas Distribution Integrity Management Program | Testimony | Christine C. Chapman | Erich Lichtblau | | |
| | PG&E-3 WP 04 | Ch. 4 | PG&E | Gas Distribution Integrity Management Program | Workpapers | Christine C. Chapman | Erich Lichtblau | | |
| | PG&E-3 | Ch. 5 | PG&E | Pipe, Meter and Other Preventative Maintenance | Testimony | Jodie L. Kubota | Erich Lichtblau | | |
| | PG&E-3 WP 05 | Ch. 5 | PG&E | Pipe, Meter and Other Preventative Maintenance | Workpapers | Jodie L. Kubota | Erich Lichtblau | | |
| | PG&E-3 | Ch. 6 | PG&E | Leak Survey and Repair | Testimony | Steve M. Redding | Erich Lichtblau | | |
| | PG&E-3 WP 06 | Ch. 6 | PG&E | Leak Survey and Repair | Workpapers | Steve M. Redding | Erich Lichtblau | | |
| | PG&E-3 | Ch. 7 | PG&E | Gas Field Services and Response | Testimony | Richard W. Yamaguchi | Erich Lichtblau | | |
| | PG&E-3 WP 07 | Ch. 7 | PG&E | Gas Field Services and Response | Workpapers | Richard W. Yamaguchi | Erich Lichtblau | | |
| | PG&E-3 | Ch. 8 | PG&E | Gas Distribution Capital and Investment Planning | Testimony | Louis T. Krannich | Erich Lichtblau | | |
| | PG&E-3 WP 08 | Ch. 8 | PG&E | Gas Distribution Capital and Investment Planning | Workpapers | Louis T. Krannich | Erich Lichtblau | | |
| | PG&E-3 | Ch. 9 | PG&E | New Business and Work at the Request of Others | Testimony | Nina B. Bubnova | Erich Lichtblau | | |
| | PG&E-3 WP 09 | Ch. 9 | PG&E | New Business and Work at the Request of Others | Workpapers | Nina B. Bubnova | Erich Lichtblau | | |
| | PG&E-3 | Ch. 10 | PG&E | Technical Training and Research and Development | Testimony | Bill L. Gibson | Erich Lichtblau | | |
| | PG&E-3 WP 10 | Ch. 10 | PG&E | Technical Training and Research and Development | Workpapers | Bill L. Gibson | Erich Lichtblau | | |
| | PG&E-3 | Ch. 11 | PG&E | Gas Operations Technology Costs | Testimony | Steven A. Whelan | Erich Lichtblau | | |
| | PG&E-3 WP 11 | Ch. 11 | PG&E | Gas Operations Technology Costs | Workpapers | Steven A. Whelan | Erich Lichtblau | | |

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| learing Room Exhibit Iumber | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|--------------------|-------------------|--------------------|------------------|
| | PG&E-3 | Ch. 12 | PG&E | Gas Operations Building Projects, AGA Fees and PAS 55 Certification | Testimony | Bill L. Gibson | Erich Lichtblau | | |
| | PG&E-3 WP 12 | Ch. 12 | PG&E | Gas Operations Building Projects, AGA Fees and PAS 55 Certification | Workpapers | Bill L. Gibson | Erich Lichtblau | | |
| | PG&E-4 | | PG&E | Electric Distribution | Testimony | | | | |
| | PG&E-4 | Ch. 1 | PG&E | Electric Distribution Operations Policy and Introduction | Testimony | Geisha J. Williams | Peter Van Mieghem | | |
| | PG&E-4 WP 01 | Ch. 1 | PG&E | Electric Distribution Operations Policy and Introduction | Workpapers | Geisha J. Williams | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 2 | PG&E | Electric Operations Technology | Testimony | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-4 WP 02 | Ch. 2 | PG&E | Electric Operations Technology | Workpapers | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 3 | PG&E | Applied Technology Services | Testimony | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-4 WP 03 | Ch. 3 | PG&E | Applied Technology Services | Workpapers | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 4 | PG&E | Electric Mapping and Records Management | Testimony | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-4 WP 04 | Ch. 4 | PG&E | Electric Mapping and Records Management | Workpapers | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 5 | PG&E | Electric Distribution Maintenance | Testimony | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-4 WP 05 | Ch. 5 | PG&E | Electric Distribution Maintenance | Workpapers | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 6 | PG&E | Pole Test and Treat, Restoration and Joint Utilities Coordination | Testimony | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-4 WP 06 | Ch. 6 | PG&E | Pole Test and Treat, Restoration and Joint Utilities Coordination | Workpapers | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 7 | PG&E | Pole Replacement | Testimony | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-4 WP 07 | Ch. 7 | PG&E | Pole Replacement | Workpapers | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 8 | PG&E | Vegetation Management | Testimony | Peter Dominguez | Peter Van Mieghem | | |
| | PG&E-4 WP 08 | Ch. 8 | PG&E | Vegetation Management | Workpapers | Peter Dominguez | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 9 | PG&E | New Business and Work at the Request of Others | Testimony | Nina B. Bubnova | Peter Van Mieghem | 1 | |
| | PG&E-4 WP 09 | Ch. 9 | PG&E | New Business and Work at the Request of Others | Workpapers | Nina B. Bubnova | Peter Van Mieghem | 1 | |
| | PG&E-4 | Ch. 10 | PG&E | Electric Emergency Recovery | Testimony | Barry D. Anderson | Peter Van Mieghem | 1 | |
| | PG&E-4 WP 10 | Ch. 10 | PG&E | Electric Emergency Recovery | Workpapers | Barry D. Anderson | Peter Van Mieghem | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|---------------------|-------------------|--------------------|------------------|
| | PG&E-4 | Ch. 11 | PG&E | Distribution System Operations | Testimony | Barry D. Anderson | Peter Van Mieghem | | |
| | PG&E-4 WP 11 | Ch. 11 | PG&E | Distribution System Operations | Workpapers | Barry D. Anderson | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 12 | PG&E | Electric Distribution Capacity | Testimony | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-4 WP 12 | Ch. 12 | PG&E | Electric Distribution Capacity | Workpapers | Manho Yeung | Peter Van Mieghem | | <u> </u> |
| | PG&E-4 WP 12 C | Ch. 12 | PG&E | Electric Distribution Capacity (Corrected) | Workpapers | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 13 | PG&E | Substation Asset Strategy | Testimony | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-4 WP 13 | Ch. 13 | PG&E | Substation Asset Strategy | Workpapers | Manho Yeung | Peter Van Mieghem | | <u> </u> |
| | PG&E-4 | Ch. 14 | PG&E | Electric Engineering - Distribution Planning, Operations, & Power Quality | Testimony | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-4 WP 14 | Ch. 14 | PG&E | Electric Engineering - Distribution Planning, Operations, & Power Quality | Workpapers | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 15 | PG&E | Electric Distribution Reliability | Testimony | Steve E. Calvert | Peter Van Mieghem | | |
| | PG&E-4 WP 15 | Ch. 15 | PG&E | Electric Distribution Reliability | Workpapers | Steve E. Calvert | Peter Van Mieghem | | <u> </u> |
| | PG&E-4 | Ch. 16 | PG&E | Underground Asset Management | Testimony | Steve E. Calvert | Peter Van Mieghem | | |
| | PG&E-4 WP 16 | Ch. 16 | PG&E | Underground Asset Management | Workpapers | Steve E. Calvert | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 17 | PG&E | Distribution Automation and System Protection | Testimony | Steve E. Calvert | Peter Van Mieghem | | <u> </u> |
| | PG&E-4 WP 17 | Ch. 17 | PG&E | Distribution Automation and System Protection | Workpapers | Steve E. Calvert | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 18 | PG&E | Rule 20A | Testimony | Sindy L. Mikkelsen | Peter Van Mieghem | | |
| | PG&E-4 WP 18 | Ch. 18 | PG&E | Rule 20A | Workpapers | Sindy L. Mikkelsen | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 19 | PG&E | LED Streetlight Program | Testimony | Steven L. Dannecker | Peter Van Mieghem | | <u> </u> |
| | PG&E-4 WP 19 | Ch. 19 | PG&E | LED Streetlight Program | Workpapers | Steven L. Dannecker | Peter Van Mieghem | | |
| | PG&E-4 | Ch. 20 | PG&E | Electric Distribution Support Activities | Testimony | John B. Carruthers | Peter Van Mieghem | 1 | <u> </u> |
| | PG&E-4 WP 20 | Ch. 20 | PG&E | Electric Distribution Support Activities | Workpapers | John B. Carruthers | Peter Van Mieghem | | |
| | PG&E-5 | | PG&E | Customer Care | | | | | |
| | PG&E-5 | Ch. 1 | PG&E | Customer Care Policy | Testimony | Helen A. Burt | Chonda Nwamu | | + |

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| earing Room Exhibit umber | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
|------------------------------------|-----------------|---------|-------|--|-----------------|--------------------|--------------|--------------------|------------------|
| | PG&E-5 | Ch. 2 | PG&E | Customer Inquiry Assistance | Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 WP 02 | Ch. 2 | PG&E | Customer Inquiry Assistance | Workpapers | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 | Ch. 3 | PG&E | Office Services | Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 WP 03 | Ch. 3 | PG&E | Office Services | Workpapers | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 | Ch. 4 | PG&E | Meter to Cash | Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 WP 04 | Ch. 4 | PG&E | Meter to Cash | Workpapers | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 | Ch. 5 | PG&E | Metering | Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 WP 05 | Ch. 5 | PG&E | Metering | Workpapers | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 | Ch. 6 | PG&E | Quality Assurance Program/Safety Net Program | Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-5 | Ch. 7 | PG&E | Customer Energy Solutions | Testimony | Jess A. Brown | Chonda Nwamu | | |
| | PG&E-5 WP 07 | Ch. 7 | PG&E | Customer Energy Solutions | Workpapers | Jess A. Brown | Chonda Nwamu | | |
| | PG&E-5 | Ch. 8 | PG&E | Customer Retention | Testimony | David E. Rubin | Chonda Nwamu | | |
| | PG&E-5 WP 08 | Ch. 8 | PG&E | Customer Retention | Workpapers | David E. Rubin | Chonda Nwamu | | |
| | PG&E-5 | Ch. 9 | PG&E | Information Technology Programs | Testimony | Brian F. Rich | Chonda Nwamu | | |
| | PG&E-5 WP 09 | Ch. 9 | PG&E | Information Technology Programs | Workpapers | Brian F. Rich | Chonda Nwamu | | |
| | | | | | | | | | |
| | PG&E-5 | Ch. 10 | PG&E | SmartMeter™ Program | Testimony | James L. Meadows | Chonda Nwamu | | |
| | PG&E-5 WP 10 | Ch. 10 | PG&E | SmartMeter™ Program | Workpapers | James L. Meadows | Chonda Nwamu | | |
| | PG&E-5 | Ch. 11 | PG&E | Accessibility Improvements | Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-6 | 1 | PG&E | Energy Supply | Testimony | | | | 1 |
| | PG&E-6 | Ch. 1 | PG&E | Energy Supply Operations Policy | Testimony | John T. Conway | Bill Manheim | | |
| | | | | | - | _ | | | |
| | PG&E-6 | Ch. 2 | PG&E | Hydro Operations Costs | Testimony | Michael L. Jones | Bill Manheim | | |
| | PG&E-6 WP 02 V1 | Ch. 2 | PG&E | Hydro Operations Costs - Volume 1 | Workpapers | Michael L. Jones | Bill Manheim | | |
| | PG&E-6 WP 02 V2 | Ch. 2 | PG&E | Hydro Operations Costs - Volume 2 | Workpapers | Michael L. Jones | Bill Manheim | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|-----------------|---------|-------|--|-----------------|----------------------|--------------|--------------------|------------------|
| | PG&E-6 WP 02 C | Ch. 2 | PG&E | Hydro Operations Costs (Confidential) | Workpapers | Michael L. Jones | Bill Manheim | | |
| | PG&E-6 | Ch. 3 | PG&E | Nuclear Operations Costs | Testimony | Ed Halpin | Bill Manheim | | |
| | PG&E-6 WP 03 | Ch. 3 | PG&E | Nuclear Operations Costs | Workpapers | Ed Halpin | Bill Manheim | | |
| | PG&E-6 | Ch. 4 | PG&E | Fossil and Other Generation Operations Costs | Testimony | Debbie Powell | Bill Manheim | | |
| | PG&E-6 WP 04 | Ch. 4 | PG&E | Fossil and Other Generation Operations Costs | Workpapers | Debbie Powell | Bill Manheim | | |
| | PG&E-6 WP 04 C | Ch. 4 | PG&E | Fossil and Other Generation Operations Costs (Confidential) | Workpapers | Debbie Powell | Bill Manheim | | |
| | PG&E-6 | Ch. 5 | PG&E | Energy Procurement Administration Costs | Testimony | Kelly A. Everidge | Bill Manheim | | |
| | PG&E-6 WP 05 | Ch. 5 | PG&E | Energy Procurement Administration Costs | Workpapers | Kelly A. Everidge | Bill Manheim | | |
| | PG&E-6 | Ch. 6 | PG&E | Energy Supply Ratemaking | Testimony | Joseph F. O'Flanagan | Bill Manheim | | |
| | PG&E-6 WP 06 | Ch. 6 | PG&E | Energy Supply Ratemaking | Workpapers | Joseph F. O'Flanagan | Bill Manheim | | |
| | PG&E-7 | | PG&E | Shared Services and Information Technology | | | | | |
| | PG&E-7 | Ch. 1 | PG&E | Shared Services and Information Technology Policy and Introduction | Testimony | Desmond A. Bell | Darren Roach | | |
| | PG&E-7 | Ch. 2 | PG&E | Safety Department | Testimony | Mark C. Hughes | Darren Roach | | |
| | PG&E-7 WP 02 | Ch. 2 | PG&E | Safety Department | Workpapers | Mark C. Hughes | Darren Roach | | |
| | PG&E-7 | Ch. 3 | PG&E | Transportation Services | Testimony | David M. Meisel | Darren Roach | | |
| | PG&E-7 WP 03 | Ch. 3 | PG&E | Transportation Services | Workpapers | David M. Meisel | Darren Roach | | |
| | PG&E-7 | Ch. 4 | PG&E | Supply Chain - Materials Logistics and Planning | Testimony | Lance C. Schultz | Darren Roach | | |
| | PG&E-7 WP 04 | Ch. 4 | PG&E | Supply Chain - Materials Logistics and Planning | Workpapers | Lance C. Schultz | Darren Roach | | |
| | PG&E-7 | Ch. 5 | PG&E | Supply Chain - Sourcing Operations | Testimony | Steve T. Coleman | Darren Roach | | |
| | PG&E-7 WP 05 | Ch. 5 | PG&E | Supply Chain - Sourcing Operations | Workpapers | Steve T. Coleman | Darren Roach | | |
| | PG&E-7 | Ch. 6 | PG&E | Real Estate | Testimony | Helen Vu | Darren Roach | | |
| | PG&E-7 WP 06 V1 | Ch. 6 | PG&E | Real Estate - Volume 1 | Workpapers | Helen Vu | Darren Roach | + | |
| | PG&E-7 WP 06 V2 | Ch. 6 | PG&E | Real Estate - Volume 2 | Workpapers | Helen Vu | Darren Roach | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
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| | PG&E-7 | Ch. 7 | PG&E | Environmental Program | Testimony | Janet C. Loduca | Darren Roach | | |
| | PG&E-7 WP 07 | Ch. 7 | PG&E | Environmental Program | Workpapers | Janet C. Loduca | Darren Roach | | |
| | PG&E-7 | Ch. 8 | PG&E | Information Technology Costs | Testimony | Malia M. Wolf | Michael Reidenbach | | |
| | PG&E-7 WP 08 | Ch. 8 | PG&E | Information Technology Costs | Workpapers | Malia M. Wolf | Michael Reidenbach | | |
| | PG&E-7 | Ch. 9 | PG&E | Information Technology Cybersecurity | Testimony | James W. Sample | Michael Reidenbach | | |
| | PG&E-7 WP 09 | Ch. 9 | PG&E | Information Technology Cybersecurity | Workpapers | James W. Sample | Michael Reidenbach | | |
| | PG&E-8 | | PG&E | Human Resources Policies | Testimony | | | | |
| | PG&E-8 | Ch. 1 | PG&E | Human Resources Policy | Testimony | John R. Simon | Mike Klotz | | |
| | PG&E-8 | Ch. 2 | PG&E | Workforce Diversity and Inclusion Policy | Testimony | Joyce Ibardolasa | Mike Klotz | | |
| | PG&E-8 | Ch. 3 | PG&E | Total Compensation Study | Testimony | John Lowe | Mike Klotz | | |
| | PG&E-8 | Ch. 4 | PG&E | Total Compensation Study Results – Mercer, LLC | Testimony | F. Pierce Noble James Vaughan | Mike Klotz | | |
| | PG&E-8 C | Ch. 4 | PG&E | Total Compensation Study Results – Mercer, LLC (Confidential) | Testimony | F. Pierce Noble James Vaughan | Mike Klotz | | |
| | PG&E-8 | Ch. 5 | PG&E | Short-Term Incentive Plan and Labor Escalation Assumptions | Testimony | John Lowe | Mike Klotz | | |
| | PG&E-8 WP 05 | Ch. 5 | PG&E | Short-Term Incentive Plan and Labor Escalation Assumptions | Workpapers | John Lowe | Mike Klotz | | |
| | PG&E-8 | Ch. 6 | PG&E | Benefits, Health and Insurance | Testimony | Dora M. Choy | Craig Buchsbaum | | |
| | PG&E-8 WP 06 | Ch. 6 | PG&E | Benefits, Health and Insurance | Workpapers | Dora M. Choy | Craig Buchsbaum | | |
| | PG&E-8 | Ch. 7 | PG&E | Retirement, Disability and Other Benefits, Including Trust Contributions | Testimony | Valerie I. Lewis Ted Huntley | Craig Buchsbaum | | |
| | PG&E-8 WP 07 | Ch. 7 | PG&E | Retirement, Disability and Other Benefits, Including Trust Contributions | Workpapers | Valerie I. Lewis Ted Huntley | Craig Buchsbaum | | |
| | PG&E-8 | Ch. 8 | PG&E | Workers' Compensation Costs | Testimony | Christopher Thomas | Mike Klotz | | |
| | PG&E-8 WP 08 | Ch. 8 | PG&E | Workers' Compensation Costs | Workpapers | Christopher Thomas | Mike Klotz | | |
| | PG&E-8 | Ch. 9 | PG&E | Workforce Management - Severance Program Costs | Testimony | Andrew K. Williams | Mike Klotz | | |
| | PG&E-8 WP 09 | Ch. 9 | PG&E | Workforce Management - Severance Program Costs | Workpapers | Andrew K. Williams | Mike Klotz | | |

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| earing toom xhibit umber | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
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| | PG&E-9 | | PG&E | Administrative and General Expenses | Testimony | | | | |
| | PG&E-9 | Ch. 1 | PG&E | Introduction | Testimony | Judith S. Gutierrez | Mike Klotz | | |
| | PG&E-9 WP 01 | Ch. 1 | PG&E | Introduction | Workpapers | Judith S. Gutierrez | Mike Klotz | | |
| | PG&E-9 | Ch. 2 | PG&E | Finance Organization Costs | Testimony | Bruce P. Fraser | Mike Klotz | | |
| | PG&E-9 WP 02 | Ch. 2 | PG&E | Finance Organization Costs | Workpapers | Bruce P. Fraser | Mike Klotz | | |
| | PG&E-9 | Ch. 3 | PG&E | Risk and Audit Department Costs and Insurance Expenses | Testimony | Megan S. Janis | Mike Klotz | | |
| | PG&E-9 WP 03 | Ch. 3 | PG&E | Risk and Audit Department Costs and Insurance Expenses | Workpapers | Megan S. Janis | Mike Klotz | | |
| | PG&E-9 | Ch. 4 | PG&E | Human Resources Department and HR Technology Costs | Testimony | Andrew K. Williams | Mike Klotz | | |
| | PG&E-9 WP 04 | Ch. 4 | PG&E | Human Resources Department and HR Technology Costs | Workpapers | Andrew K. Williams | Mike Klotz | | |
| | PG&E-9 | Ch. 5 | PG&E | Regulatory Relations Department Costs | Testimony | Shilpa Ramaiya | Mike Klotz | | |
| | PG&E-9 WP 05 | Ch. 5 | PG&E | Regulatory Relations Department Costs | Workpapers | Shilpa Ramaiya | Mike Klotz | | |
| | PG&E-9 | Ch. 6 | PG&E | Law Department and Related Costs | Testimony | Sanford L. Hartman | Mike Klotz | | |
| | PG&E-9 WP 06 | Ch. 6 | PG&E | Law Department and Related Costs | Workpapers | Sanford L. Hartman | Mike Klotz | | |
| | PG&E-9 | Ch. 7 | PG&E | PG&E Corporation and Pacific Gas and Electric Company Executive Offices; and Corporate Secretary Department Costs | Testimony | Linda Y.H. Cheng | Mike Klotz | | |
| | PG&E-9 WP 07 | Ch. 7 | PG&E | PG&E Corporation and Pacific Gas and Electric Company Executive Offices; and Corporate Secretary Department Costs | Workpapers | Linda Y.H. Cheng | Mike Klotz | | |
| | PG&E-9 | Ch. 8 | PG&E | Corporate Affairs - Communications Department Costs | Testimony | Susan C. Martinez | Mike Klotz | | |
| | PG&E-9 WP 08 | Ch. 8 | PG&E | Corporate Affairs - Communications Department Costs | Workpapers | Susan C. Martinez | Mike Klotz | | |
| | PG&E-9 | Ch. 9 | PG&E | Corporate Affairs - External Affairs Department Costs | Testimony | Susan C. Martinez | Mike Klotz | | |
| | PG&E-9 WP 09 | Ch. 9 | PG&E | Corporate Affairs - External Affairs Department Costs | Workpapers | Susan C. Martinez | Mike Klotz | | |
| | PG&E-9 | Ch. 10 | PG&E | A&G Ratemaking Adjustments | Testimony | Judith S. Gutierrez | Mike Klotz | | |
| | PG&E-9 WP 10 | Ch. 10 | PG&E | A&G Ratemaking Adjustments | Workpapers | Judith S. Gutierrez | Mike Klotz | | |
| | PG&E-10 | | PG&E | General Report | Testimony | | | | · |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
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| | PG&E-10 | Ch. 1 | PG&E | Introduction | Testimony | Shelly J. Sharp | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 2 | PG&E | Balance Sheet and Statement of Operations | Testimony | Jennifer K. Gardyne | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 3 | PG&E | Escalation Rates | Testimony | Matthew Masters | Craig Buchsbaum | | |
| | PG&E-10 WP 03 | Ch. 3 | PG&E | Escalation Rates | Workpapers | Matthew Masters | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 4 | PG&E | Electric Billings and Sales | Testimony | Matthew Masters | Craig Buchsbaum | | |
| | PG&E-10 WP 04 | Ch. 4 | PG&E | Electric Billings and Sales | Workpapers | Matthew Masters | Craig Buchsbaum | | |
| | PG&E-10 WP 04 C | Ch. 4 | PG&E | Electric Billings and Sales (Confidential) | Workpapers | Matthew Masters | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 5 | PG&E | Gas Billings and Sales | Testimony | Matthew Masters | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 6 | PG&E | Illustrative Electric Rates | Testimony | Patricia C. Gideon | Craig Buchsbaum | | |
| | PG&E-10 WP 06 | Ch. 6 | PG&E | Illustrative Electric Rates | Workpapers | Patricia C. Gideon | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 7 | PG&E | Illustrative Gas Rates | Testimony | Kenneth E. Niemi | Craig Buchsbaum | | |
| | PG&E-10 WP 07 | Ch. 7 | PG&E | Illustrative Gas Rates | Workpapers | Kenneth E. Niemi | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 8 | PG&E | Compliance with Prior Commission Decisions | Testimony | Shelly J. Sharp | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 9 | PG&E | Balancing Accounts | Testimony | Teresa J. Hoglund | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 10 | PG&E | PG&E's Planning and Budgeting Processes | Testimony | Jason P. Wells | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 11 | PG&E | Financing Proposals for Certain Long-Lived Assets | Testimony | Richard A. Patterson | Craig Buchsbaum | | |
| | PG&E-10 | Ch. 12 | PG&E | Alignment of Investor and Ratepayer Interests | Testimony | Walter A. Campbell | Craig Buchsbaum | | |
| | PG&E-10 WP 12 | Ch. 12 | PG&E | Alignment of Investor and Ratepayer Interests | Workpapers | Jay D. Dore Walter A. Campbell Jay D. Dore | Craig Buchsbaum | | |
| | PG&E-11 | | PG&E | Post Test-Year Ratemaking | Testimony | | | | 1 |
| | | | | , and the second s | | | | | |
| | PG&E-11 | Ch. 1 | PG&E | Post Test-Year Ratemaking Proposal | Testimony | David S. Thomason | Craig Buchsbaum | | |
| | PG&E-11 | Ch. 2 | PG&E | Attrition and Proposed Attrition Changes | Testimony | David S. Thomason | Craig Buchsbaum | | |
| | PG&E-11 WP 02 | Ch. 2 | PG&E | Attrition and Proposed Attrition Changes | Workpapers | David S. Thomason | Craig Buchsbaum | | |
| | PG&E-11 | Ch. 3 | PG&E | Rate Base Growth in Attrition Years and Related Costs | Testimony | Charles M. Marre | Craig Buchsbaum | 1 | |

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| | PG&E-11 WP 03 | Ch. 3 | PG&E | Rate Base Growth in Attrition Years and Related Costs | Workpapers | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-12 | | PG&E | Difference Between NOI and Application | Testimony | Shelly J. Sharp | Steve Frank | | |
| | PG&E-13 | | PG&E | Statements of Qualifications | Testimony | All | Steve Frank | | |
| | PG&E-14 | | PG&E | Errata | Testimony and Workpapers | Various | Steve Frank | | |
| | PG&E-15 | | PG&E | Errata | Testimony and Workpapers | Various | Steve Frank | | |
| | PG&E-16 | | PG&E | Summary of PG&E's 2014 General Rate Case | | | | | |
| | PG&E-16 | Ch. 1 | PG&E | Introduction | Rebuttal Testimony | Anthony F. Earley, Jr. | Steve Frank | | |
| | PG&E-16 | Ch. 2 | PG&E | Overview of Rebuttal | Rebuttal Testimony | Shelly J. Sharp | Steve Frank | | |
| | PG&E-16 | Ch. 3 | PG&E | Safety of the Public and Employees | Rebuttal Testimony | Desmond A. Bell | Steve Frank | | |
| | PG&E-16 | Ch. 4 | PG&E | Risk Assessment and Planning | Rebuttal Testimony | Anil K. Suri | Steve Frank | | |
| | PG&E-16 | Ch. 5 | PG&E | Comparative Analysis on Risk | Rebuttal Testimony | Grant Davies | Steve Frank | | |
| | PG&E-17 | | PG&E | Results of Operations | | | | | |
| | PG&E-17 | Ch. 1 | PG&E | Depreciation Reserve and Expense | Rebuttal Testimony | Charles M. Marre | Craig Buchsbaum | | |
| | PG&E-17 | Ch. 2 | PG&E | Depreciation Study | Rebuttal Testimony | C. Richard Clarke | Craig Buchsbaum | | |
| | PG&E-17 | Ch. 3 | PG&E | Income and Property Taxes | Rebuttal Testimony | Jack A. Battin | Craig Buchsbaum | | |
| | PG&E-17 | Ch. 4 | PG&E | Special Deduction for Dividend Payments to an ESOP | Rebuttal Testimony | Jack A. Battin | Craig Buchsbaum | | |
| | PG&E-17 | Ch. 5 | PG&E | Working Cash | Rebuttal Testimony | Nielson D. Jones | Craig Buchsbaum | | |
| | PG&E-17 | Ch. 6 | PG&E | Other Operating Revenues | Rebuttal Testimony | Stephen J. Koenig | Craig Buchsbaum | | |
| | PG&E-17 | Ch. 7 | PG&E | Gas Distribution Imputed Values | Rebuttal Testimony | David H. Hartman | Craig Buchsbaum | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|--------------------|-----------------------|-------------------|--------------------|------------------|
| | PG&E-18 | | PG&E | Gas Distribution | Rebuttal Testimony | | Erich Lichtblau | | |
| | PG&E-18 | Ch. 1 | PG&E | Gas Distribution Operations Policy and Introduction | Rebuttal Testimony | Nickolas Stavropoulos | Erich Lichtblau | | |
| | PG&E-18 | Ch. 2 | PG&E | System Operations Gas Control | Rebuttal Testimony | Melvin J. Christopher | Erich Lichtblau | | |
| | PG&E-18 | Ch. 3 | PG&E | Gas Distribution Mapping and Records | Rebuttal Testimony | Sumeet Singh | Erich Lichtblau | | |
| | PG&E-18 | Ch. 4 | PG&E | Gas Distribution Integrity Management Program | Rebuttal Testimony | Christine C. Chapman | Erich Lichtblau | | |
| | PG&E-18 | Ch. 5 | PG&E | Pipe, Meter and Other Preventative Maintenance | Rebuttal Testimony | Jodie L. Kubota | Erich Lichtblau | | |
| | PG&E-18 | Ch. 6 | PG&E | Leak Survey and Repair | Rebuttal Testimony | Steve M. Redding | Erich Lichtblau | | |
| | PG&E-18 | Ch. 7 | PG&E | Gas Field Services and Response | Rebuttal Testimony | Richard W. Yamaguchi | Erich Lichtblau | | |
| | PG&E-18 | Ch. 8 | PG&E | Gas Distribution Capital and Investment Planning | Rebuttal Testimony | Louis T. Krannich | Erich Lichtblau | | |
| | PG&E-18 | Ch. 9 | PG&E | New Business and Work at the Request of Others | Rebuttal Testimony | Nina B. Bubnova | Erich Lichtblau | | |
| | PG&E-18 | Ch. 10 | PG&E | Technical Training and Research and Development | Rebuttal Testimony | Bill L. Gibson | Erich Lichtblau | | |
| | PG&E-18 | Ch. 11 | PG&E | Gas Operations Technology Costs | Rebuttal Testimony | Steven A. Whelan | Erich Lichtblau | | |
| | PG&E-18 | Ch. 12 | PG&E | Gas Operations Building Projects, AGA Fees and PAS 55 Certification | Rebuttal Testimony | Bill L. Gibson | Erich Lichtblau | | |
| | PG&E-19 | | PG&E | Gas Distribution | Rebuttal Testimony | | | | |
| | PG&E-19 | Ch. 1 | PG&E | Electric Distribution Operations Introduction | Rebuttal Testimony | Geisha Williams | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 2 | PG&E | Electric Operations Technology | Rebuttal Testimony | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 3 | PG&E | Applied Technology Services | Rebuttal Testimony | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 4 | PG&E | Electric Mapping and Records Management | Rebuttal Testimony | Kevin J. Dasso | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 5 | PG&E | Electric Distribution Maintenance | Rebuttal Testimony | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 6 | PG&E | Pole Test and Treat, Restoration and Joint Utilities Coordination | Rebuttal Testimony | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 7 | PG&E | Pole Replacement | Rebuttal Testimony | Jeffery Hulon | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 8 | PG&E | Vegetation Management | Rebuttal Testimony | Peter Dominguez | Peter Van Mieghem | | |

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| learing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|--------------------|---------------------|-------------------|--------------------|------------------|
| | PG&E-19 | Ch. 9 | PG&E | New Business and Work at the Request of Others | Rebuttal Testimony | Nina B. Bubnova | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 10 | PG&E | Electric Emergency Recovery | Rebuttal Testimony | Barry D. Anderson | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 11 | PG&E | Distribution System Operations | Rebuttal Testimony | Barry D. Anderson | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 12 | PG&E | Electric Distribution Capacity | Rebuttal Testimony | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 13 | PG&E | Substation Asset Strategy | Rebuttal Testimony | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 14 | PG&E | Electric Engineering - Distribution Planning, Operations and Power Quality | Rebuttal Testimony | Manho Yeung | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 15 | PG&E | Electric Distribution Reliability | Rebuttal Testimony | Steve E. Calvert | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 16 | PG&E | Underground Asset Management | Rebuttal Testimony | Steve E. Calvert | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 17 | PG&E | Distribution Automation and System Protection | Rebuttal Testimony | Steve E. Calvert | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 18 | PG&E | Rule 20A | Rebuttal Testimony | Sindy L. Mikkelsen | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 19 | PG&E | LED Streetlight Program | Rebuttal Testimony | Steven L. Dannecker | Peter Van Mieghem | | |
| | PG&E-19 | Ch. 20 | PG&E | Electric Distribution Support Activities | Rebuttal Testimony | John B. Carruthers | Peter Van Mieghem | | |
| | PG&E-20 | | PG&E | Customer Care | Rebuttal Testimony | | | | |
| | PG&E-20 | Ch. 1 | PG&E | Customer Care Introduction | Rebuttal Testimony | Helen A. Burt | Chonda Nwamu | | |
| | PG&E-20 | Ch. 2 | PG&E | Customer Inquiry Assistance | Rebuttal Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-20 | Ch. 3 | PG&E | Office Services | Rebuttal Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-20 | Ch. 4 | PG&E | Meter to Cash | Rebuttal Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-20 | Ch. 5 | PG&E | Metering | Rebuttal Testimony | Steven H. Phillips | Chonda Nwamu | | |
| | PG&E-20 | Ch. 6 | PG&E | Customer Energy Solutions | Rebuttal Testimony | Jess A. Brown | Chonda Nwamu | | |
| | PG&E-20 | Ch. 7 | PG&E | Customer Retention | Rebuttal Testimony | David E. Rubin | Chonda Nwamu | | |
| | PG&E-20 | Ch. 8 | PG&E | Information Technology Programs | Rebuttal Testimony | Brian F. Rich | Chonda Nwamu | | |
| | PG&E-20 | Ch. 9 | PG&E | SmartMeter™ Program | Rebuttal Testimony | James L. Meadows | Chonda Nwamu | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|----------|-------|---|--------------------|-------------------------------------|--------------------|--------------------|------------------|
| | PG&E-21 | | PG&E | Energy Supply | Rebuttal Testimony | | | | |
| | PG&E-21 | Ch. 1 | PG&E | Energy Supply Operations Introduction | Rebuttal Testimony | John T. Conway | Bill Manheim | | |
| | PG&E-21 | Ch. 2 | PG&E | Hydro Operations Costs | Rebuttal Testimony | Michael L. Jones | Bill Manheim | | |
| | PG&E-21 | Ch. 3 | PG&E | Nuclear Operations Costs | Rebuttal Testimony | Ed Halpin | Bill Manheim | | |
| | PG&E-21 | Ch. 4 | PG&E | Fossil and Other Generation Operations Costs | Rebuttal Testimony | Debbie Powell | Bill Manheim | | |
| | PG&E-21 | Ch. 5 | PG&E | Energy Procurement Administration Costs | Rebuttal Testimony | Kelly A. Everidge | Bill Manheim | | |
| | PG&E-21 | Ch. 6 | PG&E | Energy Supply Ratemaking | Rebuttal Testimony | Joseph F. O'Flanagan | Bill Manheim | | |
| | PG&E-22 | | PG&E | Shared Services and Information Technology | Rebuttal Testimony | | | | |
| | PG&E-22 | Ch. 1 | PG&E | Shared Services and Information Technology Introduction | Rebuttal Testimony | Desmond A. Bell | Darren Roach | | |
| | PG&E-22 | Ch. 2 | PG&E | Safety Department | Rebuttal Testimony | Linda Limberg | Darren Roach | | |
| | PG&E-22 | Ch. 3 | PG&E | Transportation Services | Rebuttal Testimony | David M. Meisel | Darren Roach | | |
| | PG&E-22 | Ch. 4 | PG&E | Supply Chain - Materials Logistics and Planning | Rebuttal Testimony | Lance C. Schultz | Darren Roach | | |
| | PG&E-22 | Ch. 5 | PG&E | Supply Chain - Sourcing Operations | Rebuttal Testimony | Steve T. Coleman | Darren Roach | | |
| | PG&E-22 | Ch. 6 | PG&E | Real Estate | Rebuttal Testimony | Helen Vu | Darren Roach | | |
| | PG&E-22 | Ch. 7 | PG&E | Environmental Program | Rebuttal Testimony | Janet C. Loduca | Darren Roach | | |
| | PG&E-22 | Ch. 8 | PG&E | Information Technology Costs | Rebuttal Testimony | Malia M. Wolf | Michael Reidenbach | | |
| | PG&E-22 | Ch. 9 | PG&E | Records Management Projects | Rebuttal Testimony | Leslie Banach | Michael Reidenbach | | |
| | | <u>г</u> | | | Debuttel Testimenu | | | - | |
| | PG&E-23 | | PG&E | Human Resources | Rebuttal Testimony | | | | |
| | PG&E-23 | Ch. 1 | PG&E | Human Resources Policy | Rebuttal Testimony | John R. Simon | Mike Klotz | | |
| | PG&E-23 | Ch. 2 | PG&E | Workforce Diversity and Inclusion Policy | Rebuttal Testimony | Joyce Ibardolasa | Mike Klotz | | |
| | PG&E-23 | Ch. 3 | PG&E | Total Compensation Study | Rebuttal Testimony | John Lowe | Mike Klotz | | |
| | PG&E-23 | Ch. 4 | PG&E | Total Compensation Study Results - Mercer (US) Inc. | Rebuttal Testimony | F. Pierce Noble and James vaughn | Mike Klotz | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|--------------------|-------------------------------------|-----------------|--------------------|------------------|
| | PG&E-23 | Ch. 5 | PG&E | Benefits Valuation Review | Rebuttal Testimony | Timothy Marnell | Mike Klotz | | |
| | PG&E-23 | Ch. 6 | PG&E | Short-Term Incentive Plan and Labor Escalation Assumptions | Rebuttal Testimony | John Lowe | Mike Klotz | | |
| | PG&E-23 | Ch. 7 | PG&E | Benefits, Health and Insurance | Rebuttal Testimony | Dora M. Choy | Craig Buchsbaum | | |
| | PG&E-23 | Ch. 8 | PG&E | Retirement, Disability and Other Benefits, Including Trust Contributions | Rebuttal Testimony | Valerie I. Lewis and Ted Huntley | Craig Buchsbaum | | |
| | PG&E-23 | Ch. 9 | PG&E | Workforce Management - Severance Program Costs | Rebuttal Testimony | Andrew K. Williams | Mike Klotz | | |
| | PG&E-24 | | PG&E | Administrative and General Expenses | Rebuttal Testimony | | Mike Klotz | | |
| | PG&E-24 | Ch. 1 | PG&E | Finance Organization Costs | Rebuttal Testimony | Bruce P. Frasier | Mike Klotz | | <u> </u> |
| | PG&E-24 | Ch. 2 | PG&E | Risk and Audit Department Costs and Insurance Expense | Rebuttal Testimony | Megan S. Janis | Mike Klotz | | <u> </u> |
| | PG&E-24 | Ch. 3 | PG&E | Human Resources Department and HR Technology Costs | Rebuttal Testimony | Andrew K. Williams | Mike Klotz | | <u> </u> |
| | PG&E-24 | Ch. 4 | PG&E | Regulatory Relations Department Costs | Rebuttal Testimony | Katherine R. Bird | Mike Klotz | | <u> </u> |
| | PG&E-24 | Ch. 5 | PG&E | Law Department and Related Costs | Rebuttal Testimony | Sanford L. Hartman | Mike Klotz | | |
| | PG&E-24 | Ch. 6 | PG&E | PG&E Corporation and Pacific Gas and Electric Company Executive Offices; and Corporate Secretary Department Costs | Rebuttal Testimony | Linda Y.H. Cheng | Mike Klotz | | |
| | PG&E-24 | Ch. 7 | PG&E | Corporate Affairs - Communications Department Costs | Rebuttal Testimony | Susan C. Martinez | Mike Klotz | | |
| | PG&E-25 | | PG&E | General Report | Rebuttal Testimony | | | | 1 |
| | PG&E-25 | Ch. 1 | PG&E | Escalation Rates | Rebuttal Testimony | Matthew Masters | Craig Buchsbaum | | <u> </u> |
| | PG&E-25 | Ch. 2 | PG&E | Electric Billing and Sales | Rebuttal Testimony | Matthew Masters | Craig Buchsbaum | | + |
| | PG&E-25 | Ch. 3 | PG&E | Illustrative Gas Rates | Rebuttal Testimony | Kenneth E. Niemi | Craig Buchsbaum | | |
| | PG&E-25 | Ch. 4 | PG&E | Balancing Accounts | Rebuttal Testimony | Teresa J. Joglund | Craig Buchsbaum | | <u> </u> |
| | PG&E-25 | Ch. 5 | PG&E | Financing Proposals for Certain Long-Lived Assets | Rebuttal Testimony | Richard A. Patterson | Craig Buchsbaum | | <u> </u> |
| | PG&E-25 | Ch. 6 | PG&E | Alignment of Investor and Ratepayer Interests | Rebuttal Testimony | Walter L. Campbell and Jay D. Dore | Craig Buchsbaum | | |
| | PG&E-26 | | PG&E | Post Test-Year Ratemaking | Rebuttal Testimony | | | | |
| | PG&E-26 | Ch. 1 | PG&E | Post Test-Year Ratemaking Proposal | Rebuttal Testimony | David S. Thomason | Craig Buchsbaum | | 1 |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|-----------------|---------|-------|---|--------------------|-----------------------|----------------|--------------------|------------------|
| | PG&E-27 | | PG&E | PG&E's Response to the Focused Financial Audit of the Pacific Gas & Electric Company's Gas Distribution Operations | Rebuttal Testimony | | | | |
| | PG&E-27, Vol. 1 | Ch. 1 | PG&E | Overview | Rebuttal Testimony | Bruce Smith | Scott Westrich | | |
| | PG&E-27, Vol. 1 | Ch. 2 | PG&E | Enterprise-Wide Budget Improvements | Rebuttal Testimony | Jason Wells | Scott Westrich | | |
| | PG&E-27, Vol. 1 | Ch. 3 | PG&E | Gas Distribution Budget Improvements and Long-Term Gas Programs | Rebuttal Testimony | Louis Krannich | Scott Westrich | | |
| | PG&E-27, Vol. 1 | Ch. 4 | PG&E | Gas Distribution Operations | Rebuttal Testimony | Kevin Knapp | Scott Westrich | | |
| | PG&E-27, Vol. 2 | Ch. 5 | PG&E | Ratemaking and Earnings Issues - Prepared Testimony of Matthew P. O'Loughlin on Behalf of Pacific Gas and Electric Company | Rebuttal Testimony | Matthew P. O'Laughlin | Scott Westrich | | |
| | PG&E-28 | | PG&E | Confidential Documents | Testimony | Various | Steve Frank | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|------------------|---------------|--------------------|------------------|
| | DRA-1 | n/a | DRA | Executive Summary | Testimony | Clayton Tang | Laura Tudisco | | |
| | DRA-2 | n/a | DRA | Summary of Earnings | Testimony | Jean Jarjoura | Laura Tudisco | | |
| | DRA-3 | n/a | DRA | Billings, Sales, and Other Operating Revenues | Testimony | Marek Kanter | Laura Tudisco | | |
| | DRA-4 | n/a | DRA | Cost Escalation | Testimony | Marek Kanter | Laura Tudisco | | |
| | DRA-5 | n/a | DRA | Electric Distribution Expenses (Part 1 of 2) | Testimony | Eleanor Jaeger | Laura Tudisco | | |
| | DRA-6 | n/a | DRA | Electric Distribution Expenses (Part 2 of 2) | Testimony | Tamera Godfrey | Laura Tudisco | | |
| | DRA-7 | n/a | DRA | Electric Distribution Capital Expenditures (Part 1 of 2) | Testimony | Gregory Wilson | Laura Tudisco | | |
| | DRA-8 | n/a | DRA | Electric Distribution Capital Expenditures (Part 2 of 2) | Testimony | Mark Bumgardner | Laura Tudisco | | |
| | DRA-9 | n/a | DRA | Gas Distribution Expenses | Testimony | Dao Phan | Laura Tudisco | | |
| | DRA-10 | n/a | DRA | Gas Distribution Capital Expenditures | Testimony | Sophie Chia | Laura Tudisco | | |
| | DRA-11 | n/a | DRA | Energy Supply Expenses | Testimony | Tamera Godfrey | Laura Tudisco | | |
| | DRA-12 | n/a | DRA | Energy Supply Capital Expenditures | Testimony | Scott Logan | Laura Tudisco | | |
| | DRA-13 | n/a | DRA | Customer Care Costs | Testimony | Peter Morse | Laura Tudisco | | |
| | DRA-14 | n/a | DRA | Human Resources Expenses (Part 1 of 2) | Testimony | Stacey Hunter | Laura Tudisco | | |
| | DRA-15 | n/a | DRA | Human Resources Expenses (Part 2 of 2) | Testimony | Tamera Godfrey | Laura Tudisco | | |
| | DRA-16 | n/a | DRA | Administrative & General Expenses (Part 1 of 2) | Testimony | Donna-Fay Bower | Laura Tudisco | | |
| | DRA-17 | n/a | DRA | Administrative & General Expenses (Part 2 of 2) | Testimony | Lindsay Laserson | Laura Tudisco | | |
| | DRA-18 | n/a | DRA | Shared Services & Information Technology Costs | Testimony | Jerry Oh | Laura Tudisco | | |
| | DRA-19 | n/a | DRA | Depreciation Expenses and Reserve | Testimony | Matthew Karle | Laura Tudisco | | |
| | DRA-20 | n/a | DRA | Tax Expenses and Other Financial Matters | Testimony | James Wuehler | Laura Tudisco | | |
| | DRA-21 | n/a | DRA | Rate Base (including Working Cash) | Testimony | Kelly Lee | Laura Tudisco | | |
| | DRA-22 | n/a | DRA | Post Test Year Ratemaking | Testimony | Clayton Tang | Laura Tudisco | | |
| | DRA-23 | n/a | DRA | Results of Examination | Testimony | Mark Waterworth | Laura Tudisco | | |
| | DRA-23 | n/a | DRA | Results of Examination | Testimony | Francis Fok | Laura Tudisco | | |
| | DRA-23 | n/a | DRA | Results of Examination | Testimony | Joyce Lee | Laura Tudisco | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|---------------------------|---------|-------|--|--------------------|----------------------|----------------|--------------------|------------------|
| | TURN-1 | n/a | TURN | Prepared Testimony of Hayley Goodson Addressing the Proposal of Pacific Gas and Electric Company for a New Uncollectibles Mechanism and Attachments | Testimony | Hayley Goodson | Hayley Goodson | | |
| | TURN-2 | n/a | TURN | Results of Operations Issues for Pacific Gas and Electric Company | Testimony | Garrick F. Jones | Hayley Goodson | | |
| | TURN-3 | n/a | TURN | Attachments | Attachments | Garrick F. Jones | Hayley Goodson | | |
| | TURN-4 | n/a | TURN | Electric Generation and Other Results of Operations Issues for Pacific Gas and Electric Company and Attachments | Testimony | William B. Marcus | Hayley Goodson | | |
| | TURN-5 | n/a | TURN | Attachments | Attachments | William B. Marcus | Hayley Goodson | | |
| | TURN-6 | n/a | TURN | Results of Operations Issues for Pacific Gas and Electric Company | Testimony | Jeffrey A. Nahigian | Hayley Goodson | | |
| | TURN-7 | n/a | TURN | Attachments | Attachments | Jeffrey A. Nahigian | Hayley Goodson | | |
| | TURN-8 | n/a | TURN | Report on Various Results of Operations Issues in Pacific Gas & Electric Company's 2014 General Rate Case Phase I | Testimony | Jacob Pous | Hayley Goodson | | |
| | TURN-9 | n/a | TURN | Attachments | Attachments | Jacob Pous | Hayley Goodson | | |
| | TURN-10 (Confidential) | n/a | TURN | Report on Information Technology and Selected Electric Distribution Issues in Pacific Gas and Electric Company's 2014 Test Year General Rate Case - CONFIDENTIAL | Testimony | Gayatri M. Schilberg | Hayley Goodson | | |
| | TURN-11 (Public) | n/a | TURN | Report on Information Technology and Selected Electric Distribution Issues in Pacific Gas and Electric Company's 2014 Test Year General Rate Case - PUBLIC | Testimony | Gayatri M. Schilberg | Hayley Goodson | | |
| | TURN-12 | n/a | TURN | Attachments 1-5 | Attachments | Gayatri M. Schilberg | Hayley Goodson | | |
| | TURN-13 | n/a | TURN | Attachment 6 | Attachments | Gayatri M. Schilberg | Hayley Goodson | | |
| | TURN 14 (Confidential) | n/a | TURN | Attachment 7 | Attachments | Gayatri M. Schilberg | Hayley Goodson | | |
| | TURN-15 | n/a | TURN | Gas Distribution Issues for Pacific Gas and Electric Company (including Errata) | Testimony | John Sugar | Hayley Goodson | | |
| | TURN-16 | | | Attachments | Attachments | John Sugar | Hayley Goodson | | |
| | TURN 17 (Confidential) | n/a | TURN | Attachments | Attachments | John Sugar | Hayley Goodson | | |
| | TURN-18 (Confidential) | n/a | TURN | Short Term Incentive Program issues for Pacific Gas and Electric Company - Confidential Version | Testimony | John Sugar | Hayley Goodson | | |
| | TURN-19 (Redacted) | n/a | TURN | Short Term Incentive Program issues for Pacific Gas and Electric Company - Redacted Version | Testimony | John Sugar | Hayley Goodson | | |
| | TURN-20 | | | Attachments | Attachments | John Sugar | Hayley Goodson | | |
| | TURN 21 (Confidential) | n/a | TURN | Attachments | Attachments | John Sugar | Hayley Goodson | | |
| | TURN-22 | n/a | TURN | Direct Testimony of James Weil, Application 12-11-009, Investigation 13-03-007, Pacific Gas and Electric Company Test Year 2014 General Rate Case | Testimony | James Weil | Hayley Goodson | | |
| | TURN-23 | n/a | TURN | Attachments | Attachments | James Weil | Hayley Goodson | | |
| | TURN-24 | n/a | TURN | Direct Testimony of Catherine E. Yap on Behalf of the Utility Reform Network ("TURN") and Attachments | Testimony | Catherine E. Yap | Hayley Goodson | | |
| | TURN-25 | n/a | TURN | Rebuttal in Pacific Gas and Electric Company's 2014 Test Year General Rate Case | Rebuttal Testimony | Garrick F. Jones | Hayley Goodson | | |
| | TURN-26 | n/a | TURN | Rebuttal Testimony on Ratemaking Issues for Pacific Gas and Electric Company | Rebuttal Testimony | William B. Marcus | Hayley Goodson | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|--------------------|----------------------|----------------|--------------------|------------------|
| | TURN-27 | n/a | | Rebuttal Testimony Concerning Results of Operations for Pacific Gas and Electric Company | Rebuttal Testimony | Jeffrey A. Nahigian | Hayley Goodson | | |
| | TURN-28 | n/a | | Rebuttal in Pacific Gas and Electric Company's 2014 Test Year General Rate Case | Rebuttal Testimony | Gayatri M. Schilberg | Hayley Goodson | | |
| | TURN-29 | n/a | TURN | TURN Rebuttal to "Evaluation of PG&E's 2014 Gas Distribution GRC Filing" Prepared by Cycla Corporation for the Safety and Enforcement Division of the California Public Utilities Commission | Rebuttal Testimony | John Sugar | Hayley Goodson | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|--------------------|--------------|----------|--------------------|------------------|
| | A4NR-1 | n/a | A4NR | Prepared Rebuttal Testimony of John Geesman on Behalf of the | Rebuttal Testimony | John Geesman | | | |
| | | | | Alliance for Nuclear Responsibility | | | | | 1 |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|---|-----------------|---------------------|----------|--------------------|------------------|
| | Cal-SLA-1 | n/a | | Prepared Testimony and Qualifications of Alison M. Lechowicz in Pacific Gas and Electric 2014 Test Year General Rate Case Phase I | | Alison M. Lechowicz | | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|------------------|----------|--------------------|------------------|
| | CCSF-1 | n/a | | Testimony of Jonathan Cherry on Behalf of the City and County of San Francisco, PG&E General Rate Case - Application No. 12-11- 009 | Testimony | Jonathan Cherry | | | |
| | CCSF-2 | n/a | | Testimony of Richard Stephens on Behalf of the City and County of San Francisco, PG&E General Rate Case - Application No. 12-11- 009 | Testimony | Richard Stephens | | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|--------|--|--------------------|--------------|----------|--------------------|------------------|
| | CCUE-1 | n/a | | | Testimony | David Marcus | | | |
| | | | (IBEW) | California Utility Employees (including Errata) | | | | | |
| | CCUE-2 | n/a | CCUE | Rebuttal Testimony of Tom Dalzell on Behalf of the Coalition of | Rebuttal Testimony | Tom Dalzell | | | |
| | | | (IBEW) | California Utility Employees | | | | | |
| | CCUE-3 | n/a | CCUE | Rebuttal Testimony of David Marcus on Behalf of the Coalition of | Rebuttal Testimony | David Marcus | | | |
| | | | (IBEW) | California Utility Employees (including two attachments and a | | | | | |
| | | | | workpaper) | | | | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|--------------|----------|--------------------|------------------|
| | CEP-1 | n/a | CEP | Center for Electrosmog Prevention Testimony on Pacific Gas and | Testimony | Martin Homec | | | |
| | | | | Electric Company General Rate Case Test Year 2014 | | | | | 1 |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|---|-----------------|---------------|----------|--------------------|------------------|
| | EPUC-1 | n/a | EPUC | Prepared Direct Testimony of James A. Ross on Behalf of the | Testimony | James A. Ross | | | |
| | | | | Energy Producers and Users Coalition | | | | | 1 |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|--------------------|----------------|----------|--------------------|------------------|
| | ESC-1 | n/a | | Prepared Testimony of Joshua Sperry on Behalf of the Engineers and Scientists of California, Local 20 IFPTE | Testimony | Joshua Sperry | | | |
| | ESC-2 | n/a | ESC | Prepared Rebuttal Testimony of Karen Sawislak on Behalf of the Engineers and Scientists of California, Local 20 IFPTE | Rebuttal Testimony | Karen Sawislak | | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|---|-----------------|----------------|----------|--------------------|------------------|
| | Greenlining-1 | n/a | | Testimony on the Pacific Gas and Electric Company General Rate Case Test Year 2014 by the Greenlining Institute (A.12-11-009 <i>et</i> <i>al.</i>) | Testimony | Stephanie Chen | | | |
| | Greenlining-2 | n/a | | Testimony on the Pacific Gas and Electric Company General Rate Case Test Year 2014 by the Greenlining Institute (A.12-11-009 <i>et</i> <i>al.</i>) | Testimony | Noemi Gallardo | | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|---|--------------------|----------------|-------------|--------------------|------------------|
| | JP-1 | n/a | | Opening Testimony of Faith Bautista, CEO of the National Asian American Coalition on Behalf of the Joint Parties | Testimony | Faith Bautista | Aaron Lewis | | |
| | JP-2 | n/a | JP | Rebuttal Testimony of Joint Parties' Expert Faith Bautista | Rebuttal Testimony | Faith Bautista | Aaron Lewis | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|---|--------------------|-------------|-----------------|--------------------|------------------|
| | MEA-1 | n/a | | Testimony of the Marin Energy Authority on Pacific Gas and Electric Company's Application for 2014 General Rate Case Phase I | | Jeremy Waen | Elizabeth Kelly | | |
| | MEA-2 | n/a | | Rebuttal Testimony of the Marin Energy Authority on Pacific Gas and Electric Company's Application for 2014 General Rate Case Phase I | Rebuttal Testimony | Jeremy Waen | Elizabeth Kelly | | |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|--|----------|--------------------|------------------|
| | MMID - 1 | n/a | | Concurrent Direct Testimony of Merced Irrigation District and Modesto Irrigation District | | Thomas S. Kimball (Modesto Irrigation District) and Don Ouchley (Merced Irrigation District) | | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|---------|---|--------------------|--------------|----------|--------------------|------------------|
| | Picarro-1 | n/a | Picarro | Prepared Rebuttal Testimony of Eric Crosson on Behalf of Picarro, Inc. | Rebuttal Testimony | Eric Crosson | | | |

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PACIFIC GAS AND ELECTRIC COMPANY 2014 General Rate Case Proposed Exhibit List

| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|-----------------|---------------|----------|--------------------|------------------|
| | SBUA-1 | n/a | | Expert Report on Issues Affecting Small Businesses, Testimony of | Testimony | Michael Brown | | | |
| | | | | Michael Brown | | | | | 1 |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Туре | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|--|--------------------|-------------------------|----------|--------------------|------------------|
| | SCE-1 | n/a | SCE | SCE Rebuttal to TURN Testimony on Depreciation and DRA | Rebuttal Testimony | Rick Fisher and Paul T. | | | |
| | | | | Testimony on AFUDC Rates | | Hunt, Jr. | | | 1 |

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| Hearing Room Exhibit Number | Exhibit Number | Chapter | Party | Title | Doc Type | Witness | Attorney | Date Identified | Date Admitted |
|--------------------------------------|----------------|---------|-------|---|-----------------|------------------------|------------------|--------------------|------------------|
| | Cycla-1 | n/a | n/a | Evaluation of PG&E's 2014 Gas Distribution GRC Filing | Testimony | Cycla Corporation | Mitchell Shapson | | |
| | Liberty-1 | n/a | n/a | Study of Risk Assessment and PG&E's GRC | Testimony | The Liberty Consulting | Mitchell Shapson | | |
| | | | | | | Group | | | |
| | Overland-1 | n/a | n/a | Focused Financial Audit of the Pacific Gas and Electric Company's | Testimony | Overland Consulting | Mitchell Shapson | | |
| | | | | Gas Distribution Operations | - | | | | |

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