



FILED

02/04/19
04:59 PM

**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 Services Effective
on January 1, 2020

Application No. 18-12-009
(Filed December 13, 2018)

(U 39 M)

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 M)
PREHEARING CONFERENCE STATEMENT**

MARY A. GANDESBERY
PETER OUBORG
MICHAEL R. KLOTZ

Pacific Gas and Electric Company
77 Beale Street
San Francisco, CA 94105
Telephone: (415) 973-0675
Facsimile: (415) 973-0516
E-Mail: mary.gandesbery@pge.com

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

Dated: February 4, 2019

TABLE OF CONTENTS

	Page
I. INTRODUCTION	1
II. DISCUSSION.....	1
A. Procedural Schedule.....	1
B. Scope of Issues to Be Included in the Proceeding	2
C. Results of Meet and Confer with the Parties	9
D. Discovery and Hearing Protocols.	9
III. CONCLUSION.....	10

**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 Services Effective
on January 1, 2020

Application No. 18-12-009
(Filed December 13, 2018)

(U 39 M)

**PACIFIC GAS AND ELECTRIC COMPANY'S (U 39 M)
PREHEARING CONFERENCE STATEMENT**

I. INTRODUCTION

Pursuant to the “Administrative Law Judge’s Ruling Setting Prehearing Conference” (Ruling), dated January 22, 2019 and Rule 7.2 of the California Public Utilities Commission (Commission) Rules of Practice and Procedure, Pacific Gas and Electric Company (PG&E) submits this Prehearing Conference (PHC) Statement. The Ruling asks that PHC Statements include “a description of proposed issues as well as a proposed procedural schedule.” (Ruling, p. 1.) PG&E also includes for consideration protocols for discovery and hearings Commission President Picker approved for use in PG&E’s 2017 General Rate Case (GRC).

II. DISCUSSION

A. Procedural Schedule

Certain of the parties addressed in their responses the proposed schedule PG&E included in its Application.^{1/} PG&E met and conferred with the parties who proposed alternate schedules.

1/ Fifteen protests or responses were filed by: (1) the Commission’s Public Advocates Office (Cal Advocates); (2) Office of the Safety Advocate (OSA); (3) the Alliance for Nuclear Responsibility (A4NR); (4) City and County of San Francisco (CCSF); (5) Coalition of California Utility Employees (CUE); (6) Energy Producers and Users Coalition (EPUC); (7) Indicated Shippers (IS); (8) Joint Community Choice Aggregators (Joint CCAs); (9) L. Jan Reid; (10) Napa and Sonoma Counties; (11) National Diversity Coalition (NDC); (12) Silicon Valley Clean Energy (SVCE); (13) Solar Energy Industries Association (SEIA) and Vote Solar; (14) Southern

As a result of these discussions, PG&E, TURN, Cal Advocates, SEIA, and Vote Solar support the following revisions to the proposed schedule.

Activity	PG&E Proposal	Cal Advocates Proposal	Revised
Cal Advocates' Testimony	June 3, 2019	June 28, 2019	June 28, 2019
Intervenor Testimony	July 1, 2019	July 26, 2019	July 26, 2019
Rebuttal Testimony	August 13, 2019	September 6, 2019	September 6, 2019
Evidentiary Hearings Begin	August 27, 2019	September 30, 2019	September 30, 2019
Evidentiary Hearings End	September 20, 2019	October 18, 2019	October 25, 2019
Comparison Exhibit	October 9, 2019	November 6, 2019	November 13, 2019
Opening Briefs	October 18, 2019	November 22, 2019	November 22, 2019
Reply Briefs	November 8, 2019	December 13, 2019	December 18, 2019

In addition, Cal Advocates and TURN have informed PG&E as part of the discussions regarding this schedule that they do not object to PG&E's request for an effective date of January 1, 2020 for the revenue requirement sought in this proceeding.

B. Scope of Issues to Be Included in the Proceeding

PG&E addressed the issues raised by the parties that it believes should not be litigated in this proceeding in its January 28 reply to protests and responses.

PG&E's Application includes a list of issues within the scope of the proceeding. PG&E includes this list below with minor revisions.^{2/} The list below was further modified to include in underlined text additional issues raised by the parties in protests and responses that PG&E agrees are in scope. This list has not been reviewed or approved by other parties. PG&E believes this

California Edison Company (SCE); and (15) The Utility Reform Network (TURN). PG&E replied to these protests and responses on January 28, 2019.

2/ This list is inclusive of the issues PG&E listed in its Application (pp. 25-28), and also lists the balancing accounts and memorandum accounts addressed in Section VII B of the Application. PG&E also added specific references to its Shared Services exhibit (PG&E-7), Human Resources exhibit (PG&E-8), its Administrative and General exhibit (PG&E-9).

list is sufficient to cover the principal issues in the scope of the proceeding. PG&E asks that the Administrative Law Judges (ALJs) Lirag and Lau and Assigned Commissioner Picker adopt this list as the principal issues to be considered in this proceeding.

1. The proposed revenue requirement for the electric distribution function in 2020 is just and reasonable and the Commission should authorize PG&E to reflect the adopted electric distribution revenue requirement in rates.

2. The proposed revenue requirement for the gas distribution function in 2020 is just and reasonable and the Commission should authorize PG&E to reflect the adopted gas distribution revenue requirement in rates.

3. The proposed revenue requirement for the electric generation function in 2020 is just and reasonable and the Commission should authorize PG&E to reflect the adopted electric generation revenue requirement in rates.

4. With respect to PG&E's Risk Management and Safety Programs (PG&E-2),
a. whether PG&E's forecast incorporates input from PG&E's risk management programs and Risk Assessment and Mitigation Phase implementation.
b. whether PG&E complied with Section 3.2.8.4 of the 2017 GRC Settlement Agreement regarding reprioritization of funding authorized for safety and reliability in the 2017 GRC.

5. With respect to the Gas Distribution organization described in Exhibit (PG&E-3):
a. The Gas Pipeline Replacement Program progress report required by D.86-12-095 should be eliminated as described in Exhibit (PG&E-12), Chapter 11.
b. PG&E's forecast for the Locate & Mark Program is just and reasonable and should be adopted.

6. With respect to the Electric Distribution organization described in Exhibit (PG&E-4):

- a. The costs of implementing and expanding PG&E's Community Wildfire Safety Program are just and reasonable.

b. The annual PG&E Electric Tariff Rule 20A work credit allocation amount should be set equal to the annual amount of Rule 20A funding authorized by the Commission in this proceeding, including escalation.

c. The unspent funds for the Rule 20A program in the Rule 20A one-way balancing account from the 2017-2019 period should be carried over for use in the 2020 GRC cycle.

d. PG&E's Grid Modernization Plan and its cost forecast for its Integrated Grid Platform and Grid Modernization Plan are just and reasonable and should be approved.

7. With respect to the Energy Supply organization described in Exhibit (PG&E-5):

a. The generation revenue requirement should continue to be credited with the refunds received because of PG&E's settlement with the Department of Energy (DOE) regarding DOE's delay in taking and permanently storing spent nuclear fuel from PG&E's nuclear facilities;

b. The costs associated with the Diablo Canyon Power Plant (Diablo Canyon) Long-Term Seismic Program should be included in the generation revenue requirement in the 2020 GRC;

c. A five-year amortization schedule for recovery of Diablo Canyon surplus materials inventory at the end of plant life should be established;

d. An amortization schedule for the costs of the second refueling outage for Diablo Canyon should be established;

e. Existing ratemaking for hydroelectric relicensing capital projects to post the operative date at license expiration should be changed so that the operative date would be posted once PG&E has filed a relicense Application, the original FERC license for the project has expired, and FERC has issued an annual license;

f. PG&E should recover the public benefits costs related to hydro generation through a non-bypassable charge;

- g. A decommissioning accrual for hydroelectric facilities should be established;
- h. A decommissioning accrual for solar facilities should be established;
- i. The costs associated with the Colusa and Gateway Generating Station major outages associated with their Long-Term Service Agreements and the second Diablo Canyon refueling outage over the 2020 GRC period should be levelized; and
- j. Financing and carrying costs associated with greenhouse gas emission allowances should be recovered.

8. With respect to the Customer Care organization described in Exhibit (PG&E-6), the forecast of costs is just and reasonable and should be adopted, and:

- a. The Memorandum of Understanding between the Small Business Utility Advocates and PG&E is just and reasonable, in the public interest, and should be adopted;
- b. The ongoing revenue requirement associated with the costs previously recorded in the AB 802 Memorandum Account is just and reasonable and should be adopted;
- c. The ongoing revenue requirement associated with the costs previously recorded in the Residential Rate Reform Memorandum Account is just and reasonable and should be adopted;
- d. The Memorandum of Understanding between the Center for Accessible Technology and PG&E is just and reasonable, in the public interest, and should be adopted;
- e. PG&E's proposal to close 17 identified customer service offices is just and reasonable, in the public interest, and should be adopted;
- f. The proposed reductions to customer fees (i.e., the reconnection fee and the non-sufficient funds fee) are just and reasonable and should be adopted; and
- g. The uncollectible factor is just and reasonable and should be adopted.

9. With respect to the Shared Services and Information Technology departments described in Exhibit (PG&E-7), the forecast of those departments' costs are just and reasonable and should be adopted.

10. With respect to the Human Resources organization described in Exhibit (PG&E-8), the forecast of Human Resources costs is just and reasonable and should be adopted.

11. With respect to the Administrative and General organizations described in Exhibit (PG&E-9), the forecast of Administrative and General costs is just and reasonable and should be adopted.

12. With respect to PG&E's Results of Operations material set forth in Exhibit (PG&E-10):

a. The proposed allocation of common costs (A&G expenses and common plant) should be approved for use in other, non-GRC Commission ratemaking mechanisms, as described in Exhibit (PG&E-10), Chapter 7;

b. The forecast of payroll and other taxes should be approved, as described in Exhibit (PG&E-10), Chapter 8;

c. The forecast of rate base should be approved, as described in Exhibit (PG&E-10), Chapters 9 and 14;

d. The forecasts of depreciation reserve and expense, and accompanying depreciation parameters, should be approved, as described in Exhibit (PG&E-10), Chapter 10;

e. The forecast of income and property taxes should be approved, as described in Exhibit (PG&E-10), Chapter 12;

f. The computations for working cash should be approved, as described in Exhibit (PG&E-10), Chapter 13; and

g. The forecast of other operating revenue should be approved, as described in Exhibit (PG&E-10), Chapter 17.

13. With respect to the Post Test-Year Ratemaking proposal set forth in Exhibit (PG&E-11),

a. The proposed attrition adjustments for 2021 and 2022 for the electric and gas distribution and electric generation functions are just and reasonable and should be approved, as described in Exhibit (PG&E-11), Chapter 1; and

B. The proposal to implement the annual adjustments through the Annual Electric True-Up and Annual Gas True-Up filings should be approved as described in Exhibit (PG&E-11), Chapter 1.

14. With respect to PG&E's General Report as set forth in Exhibit (PG&E-12):

a. Authority to transfer the actual recorded December 31, 2019 balance to the Utility Generation Balancing Account, or its successor, and annually thereafter, as part of the Annual Electric True-Up or other consolidated rate changes;

b. The proposed elimination of and modifications to reporting requirements should be approved, as described in Exhibit (PG&E-12), Chapter 11; and

c. The modification of balancing and memorandum accounts should be approved, as described in Exhibit (PG&E-12), Chapter 12, including:

1) Modification of the New Environmental Regulations Balancing Account to track amounts related to Grade 3 Leak repairs only, as further described in Exhibit (PG&E-3), Chapter 8, Section D.4.c;

2) Modification of the Nuclear Regulatory Commission Rulemaking Balancing Account to provide for ongoing tracking of expenses only, as described further in Exhibit (PG&E-5), Chapter 8;

3) Modification of the Distribution Revenue Adjustment Mechanism, Utility Generation Balancing Account, Core Fixed Cost Account and Noncore Customer Class Charge Account, to record rewards or penalties associated with the safety-related shareholder Earnings Adjustment Mechanism;

- 4) Modification of the Hydro Licensing Balancing Account to include regulatory fees and additional costs;
 - 5) Modification of the Statewide Marketing, Education and Outreach Balancing Account (SWMEOBA) to add a new subaccount, “Residential Rate Reform,” for the existing Statewide ME&O electric balancing account;
 - 6) Modification of the Vegetation Management Balancing Account to discontinue the Incremental Inspection and Removal Cost Tracking Account, as discussed further in Exhibit (PG&E-4), Chapter 7; and
 - 7) Modification of the Z-Factor Memorandum Account to Include Test Year Events as well as Post Test-Year events, as discussed further in Exhibit (PG&E-11), Chapter 2.
- c. The creation of balancing accounts should be approved, as described in Exhibit (PG&E-12), Chapter 12, including:
- 1) Establish a new two-way electric and gas Risk Transfer Balancing Accounts to track the difference between actual and adopted costs related to financial risk transfer costs; and
 - 2) Establish a new two-way Wildfire Mitigation Balancing Account, as discussed in Exhibit (PG&E-4), Chapter 2A.
- d. The closure of balancing and memorandum accounts should be approved, as described in Exhibit (PG&E-12), Chapter 12, including:
- 1) Discontinue the Fire Hazard Prevention Memorandum Account, as discussed in Exhibit (PG&E-4), Chapter 2A;
 - 2) Discontinue the Tax Memorandum Account, as further described in Exhibit (PG&E-10), Chapter 12; and
 - 3) Discontinue the Natural Gas Leak Abatement Program Balancing Account;

- 4) Discontinue the Diablo Canyon Studies Balancing Account; and
- 5) Discontinue that AB 802 Memorandum Account.

e. PG&E's total capital and expense costs of \$22.8 million in capital and expense costs incurred for the Mobile Home Park Pilot Program through December 31, 2016, as described in Exhibit (PG&E-12), Chapter 13 are just and reasonable and should be adopted.

C. Results of Meet and Confer with the Parties

PG&E met and conferred with A4NR about issues raised in its protest that were also raised in its protest to PG&E's *2018 Nuclear Decommissioning Cost Triennial Proceeding*, Application 18-12-008 (NDCTP). PG&E and A4NR propose that PG&E's evaluation of the expedited transfer of spent nuclear fuel to dry cask storage pre-and post-shutdown of DCPD and its compliance with Commission decisions regarding the spent fuel study are within the scope of the 2018 NDCTP rather than the 2020 GRC.

PG&E also met and conferred with L. Jan Reid and has agreed with Mr. Reid that the first issue listed in his protest – the date PG&E began to implement SmartMeter™ technology – was resolved through PG&E's explanation in its reply to his protest that it began to implement such technology in 2006.

D. Discovery and Hearing Protocols.

In the 2017 GRC, the Commission issued a Scoping Memo with details regarding discovery protocols, web posting of documents and hearing ground rules.^{3/} PG&E supports the continuation of these rules for the 2020 GRC. PG&E updated its Web-Based Discovery Protocols and Document Website Posting Procedures from the 2017 GRC that were attached to the 2017 GRC Scoping Memo as Attachments C and D. They are attached to this PHC Statement as Attachments A and B. PG&E also supports continuation of the Ground Rules for

3/ *Assigned Commissioner's Ruling and Scoping Memo*, A.15-09-001 (Dec. 1, 2005).

Evidentiary Hearings that was attached as Appendix E to the 2017 GRC Scoping Memo and includes these rules in Attachment C.

PG&E also provides for the ALJs' and parties' convenience the following additional information to assist with the review of PG&E's testimony and the conduct of discovery:

Attachment D: Non-Disclosure Agreement for use in this proceeding (which has already been executed by multiple parties);

Attachment E: Current List of PG&E Exhibits Including Workpapers

Attachment F: PG&E Contact List

Attachment G: PG&E Internet Discovery Access Agreement

Attachment H: Witness Organizational Information

III. CONCLUSION

For the reasons discussed above, PG&E respectfully requests Commission President Picker and ALJs Lau and Lirag to issue a Scoping Memorandum consistent with the recommendations herein.

Respectfully Submitted,

MARY A. GANDESBERY
PETER OUBORG
MICHAEL R. KLOTZ

By: /s/Mary A. Gandesbery

MARY A. GANDESBERY

Pacific Gas and Electric Company

77 Beale Street

San Francisco, CA 94105

Telephone: (415) 973-0675

Facsimile: (415) 973-5520

E-Mail: mary.gandesbery@pge.com

Dated: February 4, 2019

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

Attachment A

Web-Based Discovery Protocols

Web-based Discovery Protocols

PG&E maintains the following website:

(<https://pgera.azurewebsites.net/account/login>)

where PG&E makes available data request responses, including most documents listed as attachments to the responses. This site is also linked to PG&E's main Internet site (<http://www.pge.com>), via the "Regulation" sub-area. As in prior GRCs, the site does not give access to responses and documents that are voluminous or confidential (e.g., submitted to ORA subject to Public Utilities Code Section 583 or provided to a party subject to a Non-Disclosure Agreement (NDA)) ^{1/} or that are unavailable electronically.

This website is helpful to parties because it allows access 24 hours a day and seven days a week to nearly all data request responses, thereby giving parties ready access to data request responses PG&E has provided to other parties. This site is updated frequently and greatly increases the speed with which PG&E can distribute responses to data requests. In addition, the website provides access to other electronic case documents that PG&E has received from parties. PG&E can benefit from the website as well because it saves PG&E the substantial time and expense involved in photocopying and mailing discovery responses for thousands of discovery responses. This is especially true when a party asks for copies of all data requests PG&E has received from all parties as well as PG&E's answers to those requests.

PG&E requests that the Scoping Memo adopt the protocols set forth below:

1. Parties should transmit their data requests to PG&E electronically by email, preferably with the content document (discovery request) attached to the email. The email should be sent to 2020GRC@PGE.COM. This will greatly facilitate the processes of routing the questions to the appropriate witness and the posting of the data request on the website.

2. Service of the response should be deemed effected once PG&E posts its response on its website or, subject to size limitations, provides an electronic copy of the completed response to the requesting party. Access to confidential material will only be provided to third parties who have signed a non-disclosure agreement which PG&E can provide upon request. Please note that, in the case of confidential material or material that cannot be made available electronically, the same protocol will apply, but the

^{1/} PG&E has drafted a standard NDA that comports with agreements used in previous cases. TURN and other parties have already signed the NDA and received access to confidential information.

confidential or non-electronic material will be made available for in-person review or sent in hard copy via first-class mail at PG&E's discretion.

3. PG&E should not be required to provide paper copies of discovery responses to any party that has access to PG&E's Regulation website, except for those portions of a response that are not available electronically, or which include confidential material. PG&E will establish discovery website access for those individuals related to an active participating party in the PG&E General Rate Case 2020 who signs PG&E's "Internet Discovery Access Agreement" a copy of which is included as Attachment H to this PHC Statement. A party seeking access should locate the area of the website labeled "Discovery Log-In," click on "Register" to register for an individual user name and password, and complete the enrollment process for GRC 2020. The last step of that process asks the party to download a Word file containing the agreement, and then execute and return to PG&E a paper copy of the agreement. Once PG&E receives that agreement, PG&E will notify the party by email that the party has been given requisite case access. Several parties have already successfully followed this practice to obtain access to discovery over the internet for this GRC.

4. PG&E should be required to accept data requests by mail and provide paper copy responses only for those parties who do not have internet access. This is consistent with the protocol in PG&E's 2017, 2014 and 2011 GRCs as well as the Commission's own filing rules, which require major utilities such as PG&E to file their pleadings electronically rather than in hard copy (Rule 1.13).

Attachment B

Document Website Posting Procedures

Document Website Posting Procedures

Pacific Gas and Electric Company (PG&E) has established a dedicated e-mail address to facilitate development of the “Document Website” for the Test Year 2020 General Rate Case. Parties and the public can access documents posted at the following link:

<https://pgera.azurewebsites.net/Regulation/search?CaseID=2856>

Click on the Search button to access a list of posted documents. Each party shall send all public version documents that are required to be either filed or served to 2020GRC@PGE.COM as an attachment.

In the case of documents containing confidential material subject to Pub. Util. Code § 583 or a non-disclosure agreement, a redacted copy shall be sent to the above email address. For documents PG&E receives during normal business hours (M-F, 8:30 a.m. to 5:00 p.m.), PG&E shall post the document within three hours after receipt; for documents PG&E receives outside normal business hours, PG&E shall post the document by 11:30 a.m., the next business day. In the event that a document is not timely posted, PG&E shall promptly post the document after discovery of the error.

To eliminate differences in pagination upon printing, parties should save their documents in Adobe Portable Document Format (.pdf). Files converted by Adobe Acrobat from other document formats are preferred to files that contain scanned images due to file size and searchability features. Parties to the case who do not have access to the web shall be served with paper copies, as is normally the case.

Attachment C

Ground Rules for Evidentiary Hearings

APPENDIX E GROUND RULES FOR EVIDENTIARY HEARINGS

Exhibit Format

All exhibits must be a format consistent with Rule 13.7(a). Parties often fail to include a blank space two inches high by four inches wide to accommodate the Administrative Law Judge's exhibit stamp. If necessary, add a cover sheet to the front of the exhibit. The common practice of pre-printing the docket number, a blank line for the exhibit number, and witness names(s) is acceptable, but it is not a substitute for the required two by four inch blank space to accommodate the exhibit stamp.

In addition, all exhibits should be bound on the left side or upper left-hand corner. Rubber bands and paper clips are unacceptable. Excerpts from lengthy documents should include the title page and, if necessary for context, the table of contents of the document. Parties are asked to use a font size no smaller than 12 point wherever practicable.

In PG&E's PHC Statement, Attachment E, PG&E provides a "Current List of Exhibits Including Workpapers" that PG&E intends to be moved into evidence in this proceeding. PG&E utilized a numbering convention following a "PG&E" prefix. For example, PG&E's first testimony exhibit has been labeled Exhibit (PG&E-1). Similarly, workpapers for Chapter 5 of PG&E's first exhibit would be labeled "PG&E-2 WP 05." PG&E's labeling convention is accepted and will be utilized for purposes of identifying its exhibits during the evidentiary hearings.

PG&E shall maintain a running list of all exhibits identified and received into evidence throughout the proceeding and shall provide an update to the list to the ALJ and interested parties at the start of each day of evidentiary hearings.

Exhibit Copies

In accordance with Rule 13.7(b), the original and one copy of each exhibit shall be furnished to the Presiding Officer and a copy shall be furnished to the reporter and to each party. The copy furnished to the Presiding Officer may be the mailed copy. Except for exhibits that are served prior to the hearing, parties are responsible for having sufficient copies available in the hearing room for the court reporter and each party in attendance.

Procedural Motions and Objections to Testimony

Parties should avoid bringing oral motions during evidentiary hearings that could have been made in writing, unless the objection or motion is in direct response to oral testimony or where an oral motion is likely to be unopposed and can be done expeditiously. To the extent that extenuating circumstances warrant other limited exceptions, the ALJ may consider such limited exceptions as circumstances warrant.

Motions and objections should be brought before the ALJ for disposition as early as reasonably possible. In the case of motions to strike testimony, motions should be filed no later than five business days before the start of hearings. Unwarranted delays in bringing motions to strike will be weighed as a factor in arriving at a ruling.

Deadlines for Providing Cross-Examination Exhibits

Allowing witnesses time to review new or unfamiliar documents can waste hearing time. A party who intends to introduce an exhibit during cross-examination should provide a copy to the witness and the witness' counsel before 8:00 p.m. of the prior day before the witness takes the stand to be cross examined on the exhibit.

Corrections to Exhibits

The practice of making extensive oral corrections to exhibits on the witness stand, requiring lengthy dictation exercises, causes unnecessary delays. To the extent possible, corrections to testimony should be provided in the form of errata exhibits.

Hearing Hours

Hearings will generally run from 9:00 a.m. to 12:00 p.m. with at least one morning break, and from 1:30 p.m. to 3:30 p.m. with one afternoon break. The hearing hours may be revised, as needed, by the assigned Administrative Law Judge.

Cross Examination Time

As set forth in Rule 13.5, parties are placed on notice that it may be necessary to limit and allocate time for cross-examination as well as time for redirect and re-cross-examination.

Rebuttal Testimony

Prepared rebuttal testimony should include appropriate reference to the testimony being rebutted. It is inappropriate, and a potential grounds for striking, for any party to withhold direct presentations for introduction in rebuttal testimony.

Court Reporters

Common courtesy should always be extended to the reporters. Counsel should wait for witnesses to finish their answers, and witnesses should likewise wait for the entire question to be asked before answering. Counsel shall refrain from simultaneous arguments on motions and objections; instead, all counsel

statements shall be directed to the Presiding Officer. Conversations at the counsel table or in the audience can be distracting to the reporter and other participants, including witnesses. Such distractions shall be avoided.

(End of Appendix E)

Attachment D

Non-Disclosure Agreement

**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, 2020. (U 39 M)

Application No. 18-12-009
(Filed December 13, 2018)

NONDISCLOSURE AGREEMENT

This Nondisclosure Agreement (“Agreement”) is effective this ____ day of _____, 2019, by and between Pacific Gas and Electric Company (“PG&E”) and _____ (“Receiving Party”).

RECITALS

A. Certain of the information requested to be produced or disclosed by PG&E in the above-captioned proceeding (“Proceeding”) may constitute trade secret, market sensitive, proprietary, customer specific, and/or confidential information (“Confidential Material”).

B. PG&E and the Receiving Party believe that this Agreement will facilitate discovery in the Proceeding and avoid unnecessary law and motion practice.

C. PG&E and the Receiving Party believe that this Agreement will protect legitimate confidentiality concerns, and preserve their rights.

AGREEMENT

In consideration of the recitals set forth above, PG&E and the Receiving Party agree that the following terms and conditions shall govern the disclosure and use of Confidential Material in the context of the Proceeding:

1. For purposes of this Agreement:

a. The term “Confidential Material” includes: (1) information (including information in electronic form) or documents provided and designated by PG&E as confidential, including without limitation material PG&E has designated as confidential under the provisions of Public Utilities Code section 583 or other applicable laws or regulations; (2) copies of Confidential Material; (3) Notes of Confidential Material; and (4) information or documents in PG&E’s possession that PG&E received from persons who consider the information or documents to be confidential.

b. The term “Notes of Confidential Material” means memoranda, handwritten notes, spreadsheets, PowerPoint presentations, or any other form of information (including information produced or maintained in electronic form, including models and their contents), which copies or discloses all or portions of Confidential Material.

c. The term “Reviewing Representative” is a person described in paragraph 8 of this Agreement.

d. The term “Commission” means the California Public Utilities Commission.

2. This Agreement shall govern Confidential Material provided and designated as such by PG&E in this Proceeding, and, the non-disclosure and confidentiality obligations of Receiving Parties and Reviewing Representatives as specified in this Agreement and Appendix A, shall remain in full force and effect unless and until the Commission or Principal Hearing Officer specifically and directly ends the obligation.

3. PG&E may designate as Confidential Material any information or documents that PG&E customarily treats as confidential, which are not available to the public, and which, if disclosed freely, would, in PG&E's judgment, adversely affect either its employees, ratepayers or PG&E. All materials so designated shall be treated as Confidential Information unless and until: (a) the designation is withdrawn by PG&E; (b) an Assigned ALJ, Law and Motion ALJ, Assigned Commissioner, or the Commission makes a determination that: (i) the document does not contain Confidential Materials or does not warrant confidential treatment or (ii) denies a motion to file the document under seal; or (c) the document or information becomes public knowledge, other than through disclosure in violation of this nondisclosure agreement. However, with respect to the determinations referenced in subsection B above or paragraph 12 below, PG&E has the burden of showing that the documents are Confidential Materials, and merely marking a document "Confidential Information" is insufficient to meet that burden.

4. Confidential Material shall be made available under the terms of this Agreement only to Reviewing Representatives as provided in paragraphs 7 and 8, and, where appropriate, paragraph 9 of this Agreement.

5. Upon written request by PG&E after the date that an order concluding or otherwise terminating the Proceeding is no longer subject to judicial review, all Reviewing Representatives shall return to PG&E within thirty (30) days all Confidential Material, including all copies of Confidential Material (except Notes of Confidential Material). Within the time period for return of Confidential Material, the Receiving Party shall destroy all Notes of Confidential Material, and the Receiving Party shall submit to PG&E an affidavit stating that all Confidential Material, copies thereof, and Notes of Confidential Material are being returned to PG&E or have been destroyed in accordance with this Paragraph.

6. Confidential Material shall be physically and/or electronically marked "Confidential Material" or words of similar purport to indicate the materials are protected for purposes of parties other than Commission staff. Confidential Material may also be marked with "Confidential Pursuant to Section 583 of the Public Utilities Code," or marked with words of similar purport to indicate that the materials also are protected for purposes of Commission Staff. The Receiving Party may make only one (1) copy of Confidential Material without the prior approval of PG&E, which approval shall not be unreasonably withheld. The Receiving Party shall maintain a log of such copies for review by PG&E. All Confidential Material shall be maintained by the Receiving Party in a secure manner. Access to Confidential Material shall be limited to those Reviewing Representatives specifically authorized pursuant to paragraph 8, and, where appropriate, paragraph 9 of this Agreement.

7. Confidential Material shall be treated as confidential by the Receiving Party and by the Reviewing Representatives, in accordance with the Nondisclosure Certificate executed pursuant to paragraph 10 of this Agreement. The Receiving Party and Reviewing Representatives shall adopt reasonable information security measures to maintain the confidentiality of Confidential Material, and shall employ the higher of (a) the standard of care that the Receiving Party and Reviewing Representatives employ to preserve their own confidential information or (b) a reasonable standard of care to prevent unauthorized use or disclosure of Confidential Material. Confidential Material including without limitation when associated with any information that can reasonably be used to identify an individual, family,

household, residence or non-residential customer shall be protected by Receiving Party using reasonable security procedures and practices to protect such Confidential Information from unauthorized access, use, modification or disclosure. Receiving Party shall be liable for any unauthorized disclosure or use by their employees, agents or staff, or by their experts or the experts' employees or staff. Confidential Material shall not be used for any purpose except as necessary for the conduct of the Proceeding and, subject to the limitations specified in paragraph 8, and, where appropriate, paragraph 9, Confidential Material shall not be disclosed in any manner to any person other than a Reviewing Representative who is engaged in the conduct of the Proceeding and who needs to know the information to carry out that person's responsibilities in the Proceeding. The Reviewing Representatives may make Notes of Confidential Material, which notes must be maintained in a secure manner pursuant to paragraph 6 of this Agreement.

8. A Reviewing Representative may include: (a) an employee of the Receiving Party who is engaged in the conduct of the Proceeding and who needs to know the information to carry out that person's responsibilities in the Proceeding; (b) an attorney representing the Receiving Party in the Proceeding, including his or her associated attorneys, paralegals, or other employees ("Attorneys"); and (c) an expert or an employee of an expert retained by the Receiving Party for the purpose of advising, preparing for, or testifying in the Proceeding, so long as that expert or employee has not been and is not employed by or otherwise affiliated with the Receiving Party ("Experts"). In the event that the Receiving Party wishes to nominate as a Reviewing Representative a person not described in this Paragraph, the Receiving Party shall obtain the prior written agreement of PG&E.

9. PG&E may identify certain Confidential Material as "Highly Confidential Material" by marking it "Highly Confidential Material." Unless otherwise agreed in writing by PG&E, employees or agents of the Receiving Party shall not be entitled to access to Highly Confidential Material. Access to Highly Confidential Material shall be limited to Attorneys and Experts, and only to the extent they must have access to this material as part of their participation in this Proceeding. PG&E will limit its designation of Highly Confidential Material to information and documents that are especially commercially sensitive. Except for the limited access to Highly Confidential Material specified in this Paragraph, Highly Confidential Material shall otherwise be treated as Confidential Materials subject to provisions and protections of this Agreement.

10. A Reviewing Representative shall not be permitted to inspect, participate in discussions regarding, or otherwise access Confidential Material pursuant to this Agreement unless and until that Reviewing Representative has first executed and delivered to PG&E a Nondisclosure Certificate in the form set forth in Appendix A to this Agreement ("Nondisclosure Certificate"). Attorneys qualified as Reviewing Representatives are responsible for ensuring that all persons under their employment, instruction, supervision or control who require access to Confidential Material comply with this Agreement and execute and deliver to PG&E a Nondisclosure Certificate.

11. A Reviewing Representative may disclose Confidential Material to any other Reviewing Representative, as long as both Reviewing Representatives have executed and delivered a Nondisclosure Certificate to PG&E. In the event that any Reviewing Representative to whom Confidential Material is disclosed ceases to be engaged in the Proceeding or is employed or retained for a position whereby that person is no longer qualified to be a Reviewing Representative under paragraphs 7 and 8, and, where appropriate, paragraph 9, of this Agreement, such person shall no longer be permitted access to Confidential Material and must comply with the return and destruction requirements of paragraph 5 of this Agreement. Every person who has signed and delivered a Nondisclosure Certificate shall continue to be bound by

the provisions of this Agreement and the Nondisclosure Certificate, even if such person is no longer engaged in the Proceeding.

12. If the Receiving Party intends to submit or use in the Proceeding any Confidential Material such that the submission or use would result in a public disclosure of such Confidential Material, including, without limitation, the presentation of prepared testimony, cross-examination, briefs, comments, protests, or other presentations before the Commission, counsel for the Receiving Party shall communicate with counsel for PG&E as soon as possible and, where practicable, not later than five (5) business days prior to such use, and both counsel shall constructively explore means of identifying the Confidential Material so that the confidentiality thereof may be reasonably protected (including, but not limited to, submission under seal of testimony and briefs, and clearing the hearing room during examination, discussion, or argument concerning Confidential Material), while at the same time enabling an effective presentation. If PG&E and the Receiving Party are unable to agree upon whether the material was properly designated as Confidential Material or a procedure to protect the confidentiality of the Confidential Material, the Receiving Party shall request an order from the principal hearing officer in the Proceeding, and PG&E reserves the right to oppose the Receiving Party's request. Except as expressly provided for herein, no use may be made of Confidential Material that would fail to protect its confidentiality without such an order from the principal hearing officer.

13. The principal hearing officer retains the discretion to review and evaluate the facts and circumstances involved in any proposed use of Confidential Material in Commission hearings, and the flexibility to respond in whatever manner is most appropriate under the circumstances, including the holding of in camera hearings.

14. Notwithstanding this Agreement, Confidential Material may be disclosed to a governmental, judicial, or regulatory authority requiring such Confidential Material pursuant to any applicable law, regulation, ruling, or order, provided that: (a) such Confidential Material is submitted under any applicable provision, if any, for confidential treatment by such governmental, judicial or regulatory authority; and (b) prior to such disclosure, PG&E is given prompt notice of the disclosure requirement so that it may take whatever action it deems appropriate, including intervention in any proceeding and the seeking of any injunction to prohibit such disclosure. If a request for Confidential Material is made of the Receiving Party under any public records laws, including without any limitation the California Public Records Act, and the Receiving Party believes that it is obligated to disclose Confidential Material in response to such request, the Receiving Party shall provide PG&E with prompt notice of such request so that PG&E may seek a protective order or other appropriate remedy and/or waive compliance with the terms of this Agreement.

15. The Receiving Party agrees that any release, attempted release, or use of Confidential Material other than as contemplated by this Agreement is strictly prohibited and may cause PG&E irreparable injury which cannot adequately be compensated through pecuniary damages. PG&E shall be given prompt notice of the attempted release or use of Confidential Material so that it may take whatever action it deems appropriate, including intervention in any proceeding and the seeking of any injunction to prohibit such disclosure.

16. Nothing in this Agreement shall be construed as limiting the right of PG&E to object to the use or disclosure of Confidential Material, to require the use of additional protocols for the protection of Confidential Material, or to object to the use at hearings or in any other manner Confidential Material on any legal grounds, including relevance and any applicable privilege. PG&E reserves its right to pursue any recourse before the Commission, and any legal or equitable remedies that may be available in the event of an actual or anticipated disclosure of

Confidential Information.

17. To the extent that Confidential Material is discussed, analyzed or otherwise the subject of consideration during any conference or other session held in connection with the Proceeding, only Reviewing Representatives may be present for such sessions.

18. Failure to designate information or documents as Confidential Material prior to disclosure shall not be deemed a waiver in whole or in part of PG&E's claim of confidentiality, and PG&E shall have the right to designate or re-designate such information and documents at any time. Upon receipt of notice from PG&E of any new designation or re-designation, the Receiving Party thereafter shall treat said information or documents according to the new designation or re-designation, and/or will endeavor to return all copies of any newly designated or re-designated documents to PG&E in exchange for copies of the documents with the new designation.

19. The inadvertent disclosure of any information or documents which are subject to a claim of work product, the attorney-client privilege or other legal protection shall not waive the protection for such information or documents as long as PG&E requests their return and takes reasonable precautions to avoid such inadvertent disclosure. Upon written request, the Receiving Party shall return to PG&E any such protected information or documents inadvertently disclosed, together with all copies and any notes pertaining thereto.

20. This Agreement shall be governed and construed according to the laws of the State of California.

21. The provisions of this Agreement shall be severable, and in case any provision of this Agreement shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions of the Agreement shall not in any way be affected or impaired thereby.

22. This Agreement sets forth the complete understanding of the parties hereto with respect to the subject matter hereof as of the date set forth above. This Agreement supersedes any prior understandings, discussions, or course of conduct (oral and written). Any modification or waiver of the provisions of this Agreement must be written, must be executed by both PG&E and the Receiving Party, and shall not be implied by any usage of trade or course of conduct.

23. This Agreement may be executed in separate counterparts by PG&E and the Receiving Party, each of which shall be fully effective as to the party executing it.

24. The principal hearing officer in the Proceeding shall resolve any disputes arising from this Agreement. Prior to presenting any dispute arising from this Agreement to the principal hearing officer, PG&E and the Receiving Party shall use their best efforts to resolve the dispute.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the date entered below on behalf of PG&E and the Receiving Party.

PACIFIC GAS AND ELECTRIC COMPANY RECEIVING PARTY

Dated: _____, 2019

Dated: _____, 2019

By: _____
Mary A. Gandesbery

By: _____

Signature: _____

Law Department
Pacific Gas and Electric Company
Post Office Box 7442
San Francisco, CA 94120
Telephone: (415) 973-0675
Fax: (415) 973-5520
Email: mary.gandesbery@pge.com

Name: _____

Title: _____

Company/Firm: _____

Attorney for Applicant
PACIFIC GAS AND ELECTRIC COMPANY

Representing (name of party): _____

**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, 2020. (U 39 M)

Application No. 18-12-009

(Filed December 13, 2018)

NONDISCLOSURE CERTIFICATE

I certify my understanding that access to Confidential Material is provided to me pursuant to the terms and restrictions of the Nondisclosure Agreement (“Agreement”) for use in the above-captioned proceeding. I have been given a copy of and have read the Agreement and agree to be bound by it. I understand that the contents of Confidential Material and Highly Confidential Material (if I may have access to such material as provided in paragraph 9 of the Agreement), including any notes or memorandum or other form of information (including information received or maintained in electronic form) which copy or disclose such material, shall not be disclosed to anyone other than in accordance with the Agreement and shall be used only for the purpose of the above-captioned proceeding.

Representing (name of party): _____

Business Address: _____

Business Phone: _____

E-mail: _____

Date: _____

Attachment E

Current List of PG&E Exhibits Including Workpapers

Hearing Room Exhibit Number	Document	Party	Chapter	Title/Description	Doc Type	Witness	Attorney	Date Identified	Date Admitted
				Summary of PG&E's 2020 General Rate Case					
	PG&E-1	PG&E	Ch. 1	Introduction	Testimony	Steven Malnight	Mary Gandesbery		
			Ch. 2	Summary of PG&E's 2020 General Rate Case		Shilpa Ramaiya			
				Safety, Risk and Integrated Planning					
	PG&E-2	PG&E	Ch. 1	Safety Policy	Testimony	Todd Hohn	Mary Gandesbery		
			Ch. 2	Integrated Planning Process and Customer Affordability Roadmap		Jamie Martin			
			Ch. 3	Risk Management and Mitigation		Stephen Cairns			
	PG&E-2 WP 3		Ch. 3	Safety, Risk and Integrated Planning Workpapers Ch. 3	Workpapers	Stephen Cairns			
				Gas Distribution					
			Ch. 1	Gas Distribution Operations Policy and Introduction	Testimony	Jesus Soto	Peter Ouborg		
			Ch. 2	Gas Distribution Forecast Summary and Investment Planning		Andrew Abranches, Dan Menegus (Deferred Work: SCADA), Mike Kerans (Deferred Work: Pipeline Replacement and Cross Bore)			
			Ch. 2A	Gas Distribution Cost Forecasting Methodology		Andrew Abranches, Rich Yamaguchi (Stewardship)			
			Ch. 3	Gas Distribution Risk Management		Christine Cowsert			
			Ch. 4	Asset Family – Distribution Mains and Services		Mike Kerans			
			Ch. 5	Asset Families – Measurement and Control, and Compressed Natural Gas Stations		Terry White			
			Ch. 6	Gas Distribution Operations and Maintenance		Mel Christopher			
			Ch. 7	Corrosion Control		David McQuilling			
			Ch. 8	Leak Management		Kelly Ball			
			Ch. 9	Gas System Operations		Dan Menegus			
			Ch. 10	New Business and Work at the Request of Others		Andrew Dashner			
			Ch. 11	Gas Operations Technology and Other Distribution Support Services	Workpapers	Andrew Abranches	Michael Gallo		
	PG&E-3 WP 2-2A		Ch. 2, 2A	Workpapers Supporting Chapters 2, 2A		Andrew Abranches, Rich Yamaguchi (Stewardship)			
	PG&E-3 WP 3-5		Ch. 3-5	Workpapers Supporting Chapters 3-5		Christine Cowsert, Mike Kerans, Terry White			
	PG&E-3 WP 6-8		Ch. 6-8	Workpapers Supporting Chapters 6-8		Mel Christopher, David McQuilling, Kelly Ball			
	PG&E-3 WP 9-11		Ch. 9-11	Workpapers Supporting Chapters 9-11		Dan Menegus, Andrew Dashner, Andrew Abranches			
				Electric Distribution					
	PG&E-4								
			Ch. 1	Electric Distribution Operations Policy and Introduction	Testimony	Michael Lewis	Michael Gallo		
			Ch. 2	Electric Distribution Risk Management		David Gabbard			
			Ch. 2A	Wildfire Risk Policy and Overview		Sumeet Singh			
			Ch. 3	Emergency Preparedness and Response		Evergista Hickey			
			Ch. 4	Electric Emergency Recovery		Angelina Gibson			
			Ch. 5	Distribution System Operations		Michael E. Swanson			
			Ch. 6	Electric Distribution Maintenance		Jeffrey L. Deal			
			Ch. 7	Vegetation Management		Matthew T. Pender			
			Ch. 8	Pole Asset Management		John Mathieson			
			Ch. 9	Distribution Overhead System Hardening and Reliability		Steve E. Calvert			
			Ch. 10	Distribution Automation and System Protection		Steve E. Calvert			
			Ch. 11	Underground Asset Management		Steve E. Calvert			
			Ch. 12	Substation Asset Management		David Gabbard			
			Ch. 13	Electric Distribution Capacity		Satvir Nagra			
			Ch. 14	Electric Distribution Engineering and Planning		Satvir Nagra			

Hearing Room Exhibit Number	Document	Party	Chapter	Title/Description	Doc Type	Witness	Attorney	Date Identified	Date Admitted
			Ch. 15	Electric Distribution Technology		Mansi Magon			
			Ch. 16	New Business and Work at the Request of Others		Andrew Dashner			
			Ch. 17	Rule 20A		Tamon Norimoto			
			Ch. 18	Electric Distribution Support Activities		Kevin Wetzels			
			Ch. 19	Integrated Grid Platform and Grid Modernization Plan		Mark Esguerra			
	PG&E-4 WP 1-10		Ch. 1-10	Workpapers Supporting Chapters 1-10	Workpapers	Multiple			
	PG&E-4 WP 11-19		Ch. 11-19	Workpapers Supporting Chapters 1-19		Multiple			
	PG&E-5			Energy Supply					
			Ch. 1	Energy Supply Summary		Tatjana Rmus			
			Ch. 2	Energy Supply Risk Management		Maureen Zawalick / Eric Van Deurer			
			Ch. 3	Nuclear Operations Costs		Cary D. Harbor			
			Ch. 4	Hydro Operations Costs		Mike Jones			
			Ch. 5	Natural Gas and Solar Generation Operations Costs		Steve Royall			
			Ch. 6	Energy Procurement Administration Costs		Candice Chan			
			Ch. 7	Energy Supply Technology Programs		Tom Baldwin			
			Ch. 8	Energy Supply Ratemaking		Stephanie A. Maggard			
	PG&E-5 WP 2-4		Ch. 2-4	Workpapers Supporting Chapters 2-4		Maureen Zawalick, Eric Van Deuren, Cary D. Harbor, Mike Jones			
	PG&E-5 WP 5-8		Ch. 5-8	Workpapers Supporting Chapters 5-8		Steve Royall, Candice Chan, Tom Baldwin, Stephanie A. Maggard			
	PG&E-5 WP 3, WP5 CONFIDENTIAL		Ch. 3, 5	Workpapers Supporting Chapters 3 and 5 (CONFIDENTIAL)		Cary D. Harbor, Steve Royall			
	PG&E-6			Customer Care					
			Ch. 1	Customer Care Policy		Don Howerton			
			Ch. 2	Customer Engagement		Jess Brown			
			Ch. 3	Pricing Products and Income Qualified Programs		Emily Bartman			
			Ch. 4	Contact Centers		Chris Zenner			
			Ch. 5	Customer Service Offices		Chris Zenner			
			Ch. 6	Metering		Craig W. Kurtz			
			Ch. 7	Billing, Revenue and Credit		Travis Browne			
			Ch. 8	Customer Care Regulatory Policy and Compliance		Darleen DeRosa			
	PG&E-6 WP 2-8		Ch. 2-8	Workpapers Supporting Chapters 2-8		Multiple			
	PG&E-6 WP 5 CONFIDENTIAL		Ch. 5	Workpapers Supporting Chapter 5 (CONFIDENTIAL)		Chris Zenner			
	PG&E-7			Shared Services and Information Technology					
			Ch. 1	Safety and Health		Todd Hohn			
			Ch. 1A	Integrated Disability Management		Heather Hornbrook			
			Ch. 2	Transportation and Aviation Services		Michael Glover			
			Ch. 3	Materials		Lance C. Schultz			
			Ch. 4	Sourcing		David Kevane			
			Ch. 5	Real Estate		Tara Agid			
			Ch. 6	Land and Environmental Management		Andrew K. Williams			
			Ch. 7	Enterprise Records and Information Management		Megan Hertzler, Mike Swatek			
			Ch. 8	Information Technology		John Nichols			
			Ch. 9	Cyber and Corporate Security		Joe Sagona			
	PG&E-7 WP 1-4		Ch. 1-4	Workpapers Supporting Chapters 1-4		Multiple			
	PG&E-7 WP 5-9		Ch. 5-9	Workpapers Supporting Chapters 5-9		Multiple			
	PG&E-7 WP 1A, 9 CONFIDENTIAL		Ch. 1A, 9	Workpapers Supporting Chapter 1A and 9 (CONFIDENTIAL)		Multiple			
	PG&E-7 WP 5 CONFIDENTIAL		Ch. 5	Workpapers Supporting Chapter 5 (CONFIDENTIAL)		Tara Agid			
	PG&E-8			Human Resources					
			Ch. 1	Human Resources Overview		Dinyar Mistry			

Hearing Room Exhibit Number	Document	Party	Chapter	Title/Description	Doc Type	Witness	Attorney	Date Identified	Date Admitted	
	PG&E-8	PG&E	Ch. 2	HR Operations	Testimony	David Hatton	Mike Klotz			
			Ch. 3	HR Service Delivery and Inclusion		Allison Neves				
			Ch. 3A	Report on Diversity and Inclusion		Allison Neves				
			Ch. 4	Total Rewards, STIP, Non-Qualified Retirement and Labor Escalation		John Lowe				
			Ch. 4A	Safety Policies, Practices and Performance, and Total Compensation		John Lowe				
			Ch. 5	Employee Benefits		Lisa Laanisto, Ashley Mawhorter				
			Ch. 6	PG&E Academy		Chris Pickett				
			Ch. 7	Total Compensation Study		Willis Towers Watson : Patrick Maloney, Catherine Hartman, Elodie Olsen, Laura Dalzell				
			PG&E-8 WP 2-4A	Ch. 2-4A	Workpapers Supporting Chapters 2-4A	Workpapers		Multiple		
			PG&E-8 WP 5	Ch. 5	Workpapers Supporting Chapters 5 (Vol. 1)			Lisa Laanisto, Ashley Mawhorter		
			PG&E-8 WP 5		Workpapers Supporting Chapters 5 (Vol. 2)					
			PG&E-8 WP 5		Workpapers Supporting Chapters 5 (Vol. 3)					
	PG&E-8 WP 5	Workpapers Supporting Chapters 5 (Vol. 4)								
	PG&E-8 WP 6-7	Ch. 6-7	Workpapers Supporting Chapters 6-7		Multiple					
	PG&E-9	PG&E		Administrative and General	Testimony		Mike Klotz			
	PG&E-9		Ch. 1	Introduction		Shannon Yuer				
			Ch. 2	Finance Organization Costs		Judy Park				
			Ch. 3	Risk, Audit, and Insurance Departments		Janaize Markland				
			Ch. 4	Compliance and Ethics		Tripti Uprety				
			Ch. 5	Regulatory Affairs		Megan Lawson				
			Ch. 6	Law Organization		Charles Middlekauff				
			Ch. 6A	Law Department Expense Allocation Study		Charles Middlekauff				
			Ch. 7	PG&E Corporation and PG&E Executive Offices; and Corporate Secretary Department Costs		Linda Cheng				
			Ch. 8	Corporate Affairs Costs		Susie Martinez				
	PG&E-9 WP 1-9		Ch. 9	Administration and General Ratemaking Adjustments		Shannon Yuen				
			Ch. 1-9	Workpapers Supporting Chapters 1-9	Workpapers	Multiple				
	PG&E-10	PG&E		Results of Operations	Testimony		Mike Klotz			
	PG&E-10		Ch. 1	Introduction		Nielson D. Jones				
			Ch. 2	SAP FERC Translation		Bryan G. Wong				
			Ch. 3	Electric Distribution O&M Expense		Bryan G. Wong				
			Ch. 4	Gas Distribution O&M Expense		Bryan G. Wong				
			Ch. 5	Customer Accounts Expense		Bryan G. Wong				
			Ch. 6	Generation O&M Expense		Bryan G. Wong				
			Ch. 7	Administrative and General Expenses		Shannon Yuen				
			Ch. 8	Payroll and Other Taxes		Amos Tanner				
			Ch. 9	Electric, Gas, and Common Plant		Pei Sue Ong				
			Ch. 10	Depreciation Reserve and Expense		Beatrix Greenwell				
			Ch. 11	Depreciation Study		Ned Allis				
			Ch. 12	Income and Property Taxes		Elizabeth Min				
			Ch. 13	Working Cash		Shaun Halverson				
			Ch. 14	Gas and Electric Distribution and Generation Rate Base		Pei Sue Ong				
			Ch. 15	Other Operating Revenues		Jim Higham				
			Ch. 16	Calculation of Revenue Requirement		Nielson D. Jones				
			App. A	Detailed Results of Operations - Tables		Nielson D. Jones				
	PG&E-10 WP 1		Ch. 1	Workpapers Supporting Chapters 1	Workpapers	Nielson D. Jones				
	PG&E-10 WP 2-6		Ch. 2-6	Workpapers Supporting Chapters 2-6		Multiple				
	PG&E-10 WP 7-9		Ch. 7-9	Workpapers Supporting Chapters 7-9		Multiple				
	PG&E-10 WP 10		Ch. 10	Workpapers Supporting Chapters 10		Beatrix Greenwell				
	PG&E-10 WP 11		Ch. 11	Workpapers Supporting Chapters 11 (Vol. 1)		Ned Allis				

Hearing Room Exhibit Number	Document	Party	Chapter	Title/Description	Doc Type	Witness	Attorney	Date Identified	Date Admitted
	PG&E-10 WP 11		Ch. 11	Workpapers Supporting Chapters 11 (Vol. 2)		Ned Allis			
	PG&E-10 WP 12		Ch. 12	Workpapers Supporting Chapters 12 (Vol. 1)		Elizabeth Min			
	PG&E-10 WP 12			Workpapers Supporting Chapters 12 (Vol. 2)		Elizabeth Min			
	PG&E-11	PG&E		Post Test-Year Ratemaking	Testimony		Mike Klotz		
	PG&E-11		Ch. 1	Post Test-Year Ratemaking Proposal		Teresa Hoglund			
			Ch. 2	Attrition and Proposed Attrition Changes		Teresa Hoglund			
			Ch. 3	Rate Base Growth in Attrition Years and Related Costs		Pei Sue Ong			
	PG&E-11 WP 2-3		Ch. 2, 3	Workpapers Supporting Chapters 2 and 3	Workpapers	Teresa Hoglund, Pei Sue Ong			
	PG&E-12	PG&E		General Report	Testimony		Mike Klotz		
	PG&E-12		Ch. 1	Introduction		Shilpa Ramaiya			
			Ch. 2	Balance Sheet and Statement of Operations		Jennifer Gardyne			
			Ch. 3	Cost Model		Judy Park			
			Ch. 4	Escalation Rates		Jason Pao			
			Ch. 5	Electric Billings and Sales		Anita Singh			
			Ch. 6	Gas Billings and Sales		Katia Sokoloff			
			Ch. 7	Electric Revenues at Present Rates		Dan Pease			
			Ch. 8	Gas Revenues at Present Rates		Katia Sokoloff			
			Ch. 9	Illustrative Electric Rates		Dan Pease			
			Ch. 10	Illustrative Gas Rates		Katia Sokoloff			
			Ch. 11	Compliance with Prior Commission Decisions		Shilpa Ramaiya			
			Ch. 12	Balancing Accounts		Armando Duran			
			Ch. 13	Mobile Home Park Upgrade Program		Roger Jackson			
				Ch. 14		Safety Related Earnings Adjustment Mechanism		Dick Patterson, Thomas Fiore, Dave Gabbard, Todd Hohn	
				App. A	Glossary of Acronyms and Abbreviations	Shilpa Ramaiya			
		App. B	Major Work Category Glossary	Shilpa Ramaiya					
	PG&E-12 WP 4, 8		Ch. 4, 8	Workpapers Supporting Chapters 4 and 8	Workpapers	Jason Pao, Katia Sokoloff			

Attachment F

PG&E Contact List

Contact List

Name	Telephone	E-mail Address	Area of Expertise
Mary Gandesbery	(415) 973-0675	Mary.Gandesbery@pge.com	Lead Attorney Attorney for Exhibits PG&E-1, PG&E-2
Shilpa Ramaiya	(415) 973-3186	Shilpa.Ramaiya@pge.com	GRC Project Manager
Conor Doyle	(415) 973-7817	James.Doyle@pge.com	Assistant Project Manager
Ken Arnold	(415) 973-7013	2020GRC@pge.com	Discovery Manager
Hannah Keller Rachel Keller John Savage	(415) 973-6661 (415) 973-6600 (415) 973-9329	2020GRC@pge.com	GRC Case Coordinators
Peter Ouborg	(415) 973-2286	Peter.Ouborg@pge.com	Attorney for Exhibit PG&E-3
Michael Gallo	(415) 973-5985	Michael.Gallo@pge.com	Attorney for Exhibit PG&E-4
William Manheim Anna Capelle	(415) 973-6628 (415) 973-1143	William.Manheim@pge.com Anna.Capelle@pge.com	Attorneys for Exhibit PG&E-5
Tessa Carlberg	(415) 973-7950	Tessa.Carlberg@pge.com	Attorney for Exhibit PG&E-6
Ann Kim	(415) 973-7467	Ann.Kim@pge.com	Attorney for Exhibit PG&E-7
Mike Klotz	(415) 973-7565	Michael.Klotz@pge.com	Attorney for Exhibits PG&E-8, PG&E-9, PG&E-10, PG&E-11, PG&E-12

Attachment G

PG&E Internet Discovery Access Agreement

**PACIFIC GAS AND ELECTRIC COMPANY
REGULATORY AFFAIRS
*INTERNET DISCOVERY ACCESS AGREEMENT***

This Internet Discovery Access Agreement ("Agreement") is made by and between Pacific Gas and Electric Company ("PG&E") and the individual User identified below. This Agreement authorizes the User to access and retrieve in electronic form certain discovery documents in the case, under the terms and conditions in Parts I and II below.

I. GENERAL INFORMATION

Purpose of This Agreement

This Agreement provides the basis for a User to access discovery documents for a particular regulatory case contained on PG&E's Regulatory Cases Internet site.

PG&E Data Requests and Responses

Data requests to PG&E from various parties and PG&E's responses to those data requests, as well as data requests propounded by PG&E and parties' responses to those data requests, are available unless the response or its attachments contain confidential or proprietary information provided to a regulatory agency under applicable law or regulations that limit access to such material, or the response was supplied to a party subject to a non-disclosure agreement or protective order. Documents produced in response to a request for production of documents or form of discovery other than a data request are not available on the site.

II. TERMS AND CONDITIONS

User Responsibilities

Each User of the discovery-access portion of the PG&E Regulatory Cases Internet site for a particular case is responsible for and accepts the following obligations. User shall:

1. (a) Use only the User Name and Password assigned after completion of PG&E's site registration procedures (which allow the Users to choose their own User Name and Password), (b) not share or disclose the User Name or Password to any other person within or outside User's organization, and (c) accept responsibility for all use of the User Name and Password whether or not expressly authorized by User.
2. Use only the site navigation and document retrieval facilities provided by PG&E's site structure when accessing or downloading information made available under this Agreement.
3. Never modify content on the site or the manner in which content is organized or presented. Should User believe that any such modification has occurred, User shall notify PG&E of such belief.
4. Comply with all applicable regulations and orders issued by the regulatory agency with jurisdiction over this case that govern the disclosure or use of discovery responses obtained from PG&E's site.

5. Notify PG&E if the User becomes aware of any information inadvertently accessible through the site, including but not limited to information that is marked, or intended to be, confidential or protected by the attorney-client privilege or work product doctrines.

Representations and Liability

PG&E represents that to the best of its knowledge, discovery documents accessible under this Agreement are as described as posted on its site.

Apart from any obligation or liability under the laws, regulations and orders applicable to discovery in the case to which this Agreement applies, neither PG&E, nor its directors, officers, employees and agents will be liable to the User (a) for any cost, damage or loss in connection with this Agreement or its performance or non-performance, or (b) for any incidental, indirect, special or consequential cost, damage or loss.

General Terms

This Agreement will be governed by, and construed and enforced in accordance with, the laws of the State of California without regard to the principles of conflicts of laws thereunder, except to the extent that certain matters are pre-empted by federal law. This Agreement represents the Parties' complete and exclusive agreement concerning the subject matter hereof and supersedes all prior offers, communications and agreements, written and oral, as to such subject matter. No Party's failure to exercise or delay in exercising any right, remedy, power or privilege under this Agreement will operate as a waiver thereof.

Term and Termination

This Agreement will become effective when accepted by PG&E. Either User or PG&E may terminate it by written notice to the other Party, and termination will become effective upon receipt by the other Party. Whether or not PG&E terminates this Agreement, PG&E reserves the right to terminate without notice any User Name and Password that PG&E reasonably believes is being used by an unauthorized person.

PG&E Contact: Obtaining Assistance

Questions regarding the operation of the site should be directed to: RegRelCPUCCases@pge.com.

III. USER AGREEMENT FOR INTERNET DISCOVERY ACCESS

User has read and hereby agrees to the terms and conditions, including User responsibilities, for access to and use of the discovery-access portion of the PG&E Regulatory Cases Internet site. User represents that he or she is duly authorized by the organization and, if different, the case party shown below to enter into this Agreement. The Parties agree that electronic submission by User to PG&E of this completed form (without alteration of its terms) constitutes acceptance by User and PG&E, even if not signed by the Parties.

User requests issuance of a User Name/ID and password for access to the discovery documents for the case identified below:

Case Name: _____

Docket No.: _____

User Name: _____ User Title: _____

User ID (Created During Online Enrollment): _____

User Organization: _____

User Mailing Address: _____

User Email Address: _____

User Telephone Number: () - _____

Party or Governmental Entity Represented by User: _____

Service List Status: ☐ Party ☐ State Service

By: _____ (User Signature)

Date: _____

User should email agreement to RegRelCPUCcases@pge.com.

After PG&E's acceptance, the User's self-registration User Name and Password will be enrolled for the case discovery access requested, and the User will be notified of activation by email.

Agreement accepted:
PACIFIC GAS AND ELECTRIC COMPANY

By: _____ (Attorney Signature)

Date: _____

Attachment H

Organizational Information for PG&E Witnesses

Exhibit 1 - Summary of PG&E's 2020 General Rate Case

Exhibit	Chapter	Chapter Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
1	1	Introduction	Steven Malnigh	SVP, Energy Supply and Policy	Summary of Case	Strategy and Policy	Energy Supply and Policy
1	2	Summary of PG&E's General Rate Case	Shilpa Ramaiya	Director, RegRel Electric Operations	Summary of Case	General Rate Case 2020	Regulatory Affairs

Exhibit 2 - Safety, Risk and Integrated Planning

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
2	1	Safety Policy	Todd Hohn	Sr. Director, Safety and Health	Safety, Risk, and IP	Safety and Health	Safety, Health and Chief Safety Ofc
2	2	Integrated Planning Process and Customer Affordability Roadmap	Jamie Martin	Vice President, Finance and Planning	Safety, Risk, and IP	Finance and planning	Finance and Planning
2	3	Risk Management and Mitigation	Stephen Cairns	VP, Internal Audit & Chief Risk Officer	Safety, Risk, and IP	Internal Audit	Internal Audit & Chief Risk Officer

Exhibit 3 - Gas Distribution

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
3	1	Gas Distribution Operations Policy and Introduction	Jesus Soto	Sr. VP, Gas Operations	Gas Distribution	T&R Sacramento	Gas Operations
3	2	Gas Distribution Forecast Summary and Investment Planning	Dan Menegus (Deferred Work: SCADA), Mike Kerans (Deferred Work: Pipeline Replacement and Cross Bore), Andy Abranches	Dan Menegus: Director, Gas System Operations Mike Kerans: Manager, DIMP Engineering Andy Abranches: Dir, Integrated Planning Gov Contr & Tech	Gas Distribution	Dan: Gas system operations Mike: DIMP Engineering Andy: Integrated planning Gov Controls & Tech	Gas Operations
3	2A	Gas Distribution Cost Forecasting Methodology	Rich Yamaguchi (Stewardship only), Andy Abranches	Rich Yamaguchi: Director, Gas Stewardship Office Andy Abranches: Dir, Integrated Planning Gov Contr & Tech	Gas Distribution	Rich: Gas stewardship office Andy: Integrated planning Gov Controls & Tech	Gas Operations
3	3	Gas Distribution Risk Management	Christine Cowser	Senior Director, Asset Mgmt & System Ops	Gas Distribution	Asset management and system operations	Gas Operations
3	4	Asset Family – Distribution Mains and Services	Mike Kerans	Manager, DIMP Engineering	Gas Distribution	DIMP Engineering	Gas Operations
3	5	Asset Families – Measurement and Control, and Compressed Natural Gas Stations	Terry White	Director, Facility Integrity Mgmt & Tech	Gas Distribution	Director, facility integrity management and tech	Gas Operations
3	6	Gas Distribution Operations and Maintenance	Mel Christopher	VP, Gas T&D Operations	Gas Distribution	Gas T&D Operations	Gas T&D Operations
3	7	Corrosion Control	David McQuilling	Chief Engineer-Corrosion Control	Gas Distribution	Transmission Integrity Management	Gas Operations
3	8	Leak Management	Kelly Ball	Director, Gas T&D Pipeline Ops & Maint	Gas Distribution	Gas Pipeline Operations & Management	Gas T&D Operations
3	9	Gas System Operations	Dan Menegus	Director, Gas System Operations	Gas Distribution	Gas System Operations	Gas Operations
3	10	New Business and Work at the Request of Others	Andrew Dashner	Director, Service Planning	Gas Distribution	Service Planning	Electric Operations
3	11	Gas Operations Technology and Other Distribution Support	Andy Abranches	Dir, Integrated Planning Gov Contr & Tech	Gas Distribution	Integrated Planning Gov Controls & Tech	Gas Operations

Exhibit 4 - Electric Distribution

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
4	1	Electric Distribution Operations Policy and Introduction	Michael Lewis	Sr Vice President, Electric Operations	Electric Distribution	Electric Operations	Electric Operations
4	2	Electric Distribution Risk Management	Dave Gabbard	Sr. Director, Transmission Asset Mgmt	Electric Distribution	Transmission Asset Management	Electric Operations
4	2A	Wildfire Risk Policy and Overview	Sumeet Singh	VP, Community Wildfire Safety Program	Electric Distribution	Community Wildfire Safety Program	Community Wildfire Safety Program
4	3	Emergency Preparedness and Response	Evermary Hickey	Dir, Emergency Preparedness & Response	Electric Distribution	Emergency Preparedness and Response	Electric Operations
4	4	Electric Emergency Recovery	Angie Gibson	Process Owner, Emergency/Restoration	Electric Distribution	Emergency/Restoration	Electric Operations
4	5	Distribution System Operations	Mike Swanson	Director, Contract Construction & QC	Electric Distribution	Contract Construction & QC	Wildfire Work Execution
4	6	Electric Distribution Maintenance	Jeff Deal	Director, Field Operations North	Electric Distribution	Field Ops North - NV/SAC/SI	Electric Operations
4	7	Vegetation Management	Matt Pender	Director, Enhanced Vegetation Mgmt	Electric Distribution	Enhanced Veg Management	Community Wildfire Safety Program

Exhibit	Chapter	Chapter Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
4	8	Pole Asset Management	J.C. Mathieson	Sr. Manager, Dist Asset Strategy & Development	Electric Distribution	Dist. Asset Strategy and Development	Electric Operations
4	9	Distribution Overhead System Hardening and Reliability	Steve E. Calvert	Sr. Mgr, Asset Development Reliab. & Strat	Electric Distribution	Distribution Reliability	Electric Operations
4	10	Distribution Automation and System Protection	Steve E. Calvert	Sr. Mgr, Asset Development Reliab. & Strat	Electric Distribution	Distribution Reliability	Electric Operations
4	11	Underground Asset Management	Steve E. Calvert	Sr. Mgr, Asset Development Reliab. & Strat	Electric Distribution	Distribution Reliability	Electric Operations
4	12	Substation Asset Management	Dave Gabbard	Sr. Director, Transmission Asset Mgmt	Electric Distribution	Transmission Asset Management	Electric Operations
4	13	Electric Distribution Capacity	Salvir Nagra	Manager, Electric Distribution Planning	Electric Distribution	Integrated Public Affairs - 1	Electric Operations
4	14	Electric Distribution Engineering and Planning	Salvir Nagra	Manager, Electric Distribution Planning	Electric Distribution	Integrated Public Affairs - 1	Electric Operations
4	15	Electric Distribution Technology	Mansi Magon	Manager, App. Technology Program Mgmt.	Electric Distribution	App. Technology Program Mgmt.	Electric Operations
4	16	New Business and Work at the Request of Others	Andrew Dashner	Director, Service Planning	Electric Distribution	Service Planning	Electric Operations
4	17	Rule 20A	Tamon Norimoto	Manager, Rule 20A	Electric Distribution	Rule 20A	Electric Operations
4	18	Electric Distribution Support Activities	Kevin Wetzal	Sr Mgr, Dist Work & Resource Mgmt	Electric Distribution	Distribution Work & Resource Management	Electric Operations
4	19	Integrated Grid Platform and Grid Modernization Plan	Olya Anguelov	Director, Integrated Grid Platform Program	Electric Distribution	Integrated Grid Platform	Electric Operations
4	19AtchA	Grid Modernization Plan – 10 Year Vision	Olya Anguelov	Director, Integrated Grid Platform Program	Electric Distribution	Integrated Grid Platform	Electric Operations

Exhibit 5 - Energy Supply

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
5	1	Energy Supply Summary	Tatjana Rmus	Director, Business Operations	Energy Supply	Power Generation Business Operations	Power Generation
5	2	Energy Supply Risk Management	Maureen Zawalik / Eric Van Deuren	Maureen Zawalik: Director, Risk & Compliance Eric Van Deuren: Director, Engineering	Energy Supply	Maureen: Risk & Compliance Eric: Engineering	Maureen: Nuclear Generation Eric Van Deuren: Power Generation
5	3	Nuclear Operations Costs	Cary D. Harbor	Director, Nuclear Business Operations	Energy Supply	Nuclear Business Operations	Nuclear Generation
5	4	Hydro Operations Costs	Mike Jones	Sr. Director, Pwr Gen Proj & Asset Mgt	Energy Supply	Engineering and Projects	Power Generation
5	Atch 4A	PG&E's Generation System	Mike Jones	Sr. Director, Pwr Gen Proj & Asset Mgt	Energy Supply	Engineering and Projects	Power Generation
5	5	Natural Gas and Solar Generation Operations Costs	Steve Royall	Director, O&M North	Energy Supply	Ops & Maintenance North	Power Generation
5	6	Energy Procurement Administration Costs	Candice Chan	Dir, Energy Contract Mgmt & Settlements	Energy Supply	Energy Contract Management & Settlements	Energy Policy and Procurement
5	7	Energy Supply Technology Programs	Tom Baldwin	Chief, Nuclear Business Operations	Energy Supply	Nuclear Business Operations	Nuclear Generation
5	8	Energy Supply Ratemaking	Stephanie A. Maggard	Director, Planning	Energy Supply	Portfolio Strategy	Power Generation

Exhibit 6 - Customer Care

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
6	1	Customer Care Policy	Don Howerton	Sr Dir, Cust Care Reg Policy & Compliance	Customer Care	CC Regulatory Policy & Compliance	Energy Supply and Policy
6	2	Customer Engagement	Jess Brown	Director, Div Leader Local Cust Exp	Customer Care	LCE Division Team - SF	Customer Service
6	Atch 2A	Memorandum of Understanding Between SBUA and Pacific Gas and Electric Company on Small Business Customer Engagement	Jess Brown	Director, Div Leader Local Cust Exp	Customer Care	LCE Division Team - SF	Customer Service
6	3	Pricing Products and Income Qualified Programs	Emily Bartman	Product Manager, Principal	Customer Care	Pricing Products	Energy Supply and Policy
6	Atch 3A	Report on Diverse Communities Settlement	Emily Bartman	Product Manager, Principal	Customer Care	Pricing Products	Energy Supply and Policy
6	4	Contact Centers	Chris Zenner	Director, Contact Center Operations	Customer Care	Contact Center Operations	Customer Service
6	5	Customer Service Offices	Chris Zenner	Director, Contact Center Operations	Customer Care	Contact Center Operations	Customer Service
6	Atch 5A	Memorandum of Understanding Between CforAT and PG&E on Accessibility Improvements for Disabled Customers	Camille Parola	Director, Facilities Services	Customer Care	Facilities Services	Energy Supply and Policy
6	Atch 5B	CSO Survey Summary	Chris Zenner	Director, Contact Center Operations	Customer Care	Contact Center Operations	Customer Service
6	Atch 5C	CSO Survey Questionnaire	Chris Zenner	Director, Contact Center Operations	Customer Care	Contact Center Operations	Customer Service

Exhibit	Chapter	Chapter Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
6	6	Metering	Craig W. Kurtz	Senior Manager in Field Metering Operations	Customer Care	Electric Operations	Electric Operations
6	7	Billing, Revenue and Credit	Travis Browne	Director, Billing Operations	Customer Care	Billing Operations	Customer Operations
6	8	Customer Care Regulatory Policy and Compliance	Darleen DeRosa	Director, CC Regulatory Cases	Customer Care	Regulatory Cases	Energy Supply and Policy
6	Atch 8A	CPUC Covered Information Privacy and Security Assessment Report	Darleen DeRosa	Director, CC Regulatory Cases	Customer Care	Regulatory Cases	Energy Supply and Policy

Exhibit 7 - Shared Services and Information Technology

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
7	1	Safety and Health	Todd Hohn	Sr. Director, Safety and Health	Shared Services	Safety and Health	Safety, Health and Chief Safety Ofc
7	1A	Integrated Disability Management	Heather Hornbrook,	Dir, Integrated Disability Management	Shared Services	Integrated Disability Management	Safety, Health, ECAP & DOT
7	2	Transportation and Aviation Services	Michael Glover	Director, Ping & Perf Exc/Cust Strategy	Shared Services	TS Business Operations	Electric Operations
7	3	Materials	Lance C. Schultz	Director, Materials	Shared Services	Materials & Distribution Operations	Supply Chain
7	4	Sourcing	David Kevane	Senior Director, Corporate Real Estate	Shared Services	Supply Chain Sourcing Ops	Supply Chain
7	5	Real Estate	Tara Agid	Senior Director, Corporate Real Estate	Shared Services	Corporate Real Estate Strategy & Service	Customer Care and CRESS
7	6	Land and Environmental Management	Andrew K. Williams	VP, Land and Environmental Management	Shared Services	Land and Environment Management	Land and Environment Management
7	7	Enterprise Records and Information Management	Megan Hertzler, Mike Swatek	Megan Hertzler: Dir, Enterprise Information Governance Mike Swatek:Senior Manager, IT Architecture	Shared Services	Megan Hertzler: Enterprise Records and Info Management Mike Swatek:Data & Information Architecture	Megan Hertzler:General Counsel Mike Swatek: Information Technology and Supply Chain
7	8	Information Technology	John Nichols	Dir, Vanguard & Innovation Architecture	Shared Services	Vanguard & Innovation Architecture	Information Technology and Supply Chain
7	9	Cyber and Corporate Security	Joe Sagona	Senior Director, Cybersecurity	Shared Services	Cybersecurity	Security

Exhibit 8 - Human Resources

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
8	1	Human Resources Overview	Dinyar Mistry	SVP, HR and Chief Diversity Officer	Human Resources	Human Resources	Office of President and CEO
8	2	HR Operations	David Hatton	Senior Director, HR Business Operations	Human Resources	HR Operations	Human Resources
8	3	HR Service Delivery and Inclusion	Allison Neves	Director, HR Business Partner	Human Resources	HR Business Partner	HR Service Delivery & Inclusion
8	3A	Report on Diversity and Inclusion	Allison Neves	Director, HR Business Partner	Human Resources	HR Business Partner	HR Service Delivery & Inclusion
8	4	Total Rewards, STIP, Non-Qualified Retirement and Labor Escalation	John Lowe	Sr Dir, Total Rewards	Human Resources	Total Rewards	Human Resources
8	4A	Safety Policies, Practices and Performance, and Total Compensation	John Lowe	Sr Dir, Total Rewards	Human Resources	Total Rewards	Human Resources
8	5	Employee Benefits	Lisa Laanisto	Sr. Manager, Benefits; Investments & Benefit Financial Anl, Prn	Human Resources	Health & Welfare	Human Resources
8	6	PG&E Academy	Chris Pickett	Senior Director, PG&E Academy	Human Resources	PG&E Academy	Human Resources
8	7	Total Compensation Study	Judith Gutierrez	Case Manager, Expert	Human Resources	HR Business Operations	Human Resources

Exhibit 9 - Administrative and General

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
9	1	Introduction	Shannon Yuen	Financial Analyst, Expert	A&G	Revenue Requirements & Cost Analysis	Controller
9	2	Finance Organization Costs	Judy Park	Director, Business Finance	A&G	Business Finance Corp Svcs and CMGS	Finance and Planning
9	3	RISK, AUDIT, AND INSURANCE DEPARTMENTS	Janaize Markland	Director, Enterprise Risk Management & I	A&G	EORM & Insurance	Internal Audit
9	4	Compliance and Ethics	Tripti Uprety	Chief of Staff, Principal	A&G	Ethics and Compliance	Ethics and Compliance
9	5	Regulatory Affairs	Megan Lawson	Senior Manager, Tariffs & Advice Letters	A&G	Regulatory Operations	Regulatory Affairs
9	6	Law Organization	Charles Middlekauff	Assistant General Counsel	A&G	Assistant General Counsel	General Counsel
9	Atch 6A	Law Department Expense Allocation Study	Charles Middlekauff	Assistant General Counsel	A&G	Assistant General Counsel	General Counsel

Exhibit	Chapter	Chapter Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
9	7	PG&E Corporation and PG&E Executive Offices; and Corporate Secretary Department Costs	Linda Cheng	Vice President, Corp Governance and Corp Secretary	A&G	Corp Governance and Corp Secretary	Corp Governance and Corp Secretary
9	8	Corporate Affairs Costs	Susie Martinez	Corporate Relations, Principal	A&G	Executive & Corporate Communications	Marketing and Communications
9	9	Administrative and General Ratemaking Adjustments	Shannon Yuen	Financial Analyst, Expert	A&G	Revenue Requirements & Cost Analysis	Controller

Exhibit 10 - Results of Operations

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
10	1	Introduction	Nielson D. Jones	Mgr, Regulatory Results of Operations	Results of Operations	Revenue Requirements & Result of Ops	Controller
10	2	SAP FERC Translation	Bryan G. Wong	Revenue Requirements Analyst, Expert	Results of Operations	Expense Recovery	Controller
10	3	Electric Distribution O&M Expense	Bryan G. Wong	Revenue Requirements Analyst, Expert	Results of Operations	Expense Recovery	Controller
10	4	Gas Distribution O&M Expense	Bryan G. Wong	Revenue Requirements Analyst, Expert	Results of Operations	Expense Recovery	Controller
10	5	Customer Accounts Expense	Bryan G. Wong	Revenue Requirements Analyst, Expert	Results of Operations	Expense Recovery	Controller
10	6	Generation O&M Expense	Bryan G. Wong	Revenue Requirements Analyst, Expert	Results of Operations	Expense Recovery	Controller
10	7	Administrative and General Expenses	Shannon Yuen	Financial Analyst, Expert	Results of Operations	Revenue Requirements & Cost Analysis	Controller
10	8	Payroll and Other Taxes	Amos Tanner	Supvr, Payroll Systems and Performance	Results of Operations	Payroll Disbursements, Accounting & Tax	Finance and Planning
10	9	Electric, Gas, and Common Plant	Pei Sue Ong	Director, Capital Accounting	Results of Operations	Capital Accounting	Controller
10	10	Depreciation Reserve and Expense	Beatrix Greenwell	Manager, Capital Recovery	Results of Operations	Capital Accounting	Controller
10	11	Depreciation Study	Ned Allis	CONT - Depreciation	Results of Operations	Capital Recovery	Controller
10	12	Income and Property Taxes	Elizabeth Min	Dir, Tax Accounting, Compliance & S-L Tax	Results of Operations	Compliance and Tax Accounting	Tax
10	Atch 12A	2020 GRC Tax Memorandum Account	Elizabeth Min	Dir, Tax Accounting, Compliance & S-L Tax	Results of Operations	Compliance and Tax Accounting	Tax
10	13	Working Cash	Shaun Halverson	Financial Analyst, Principal	Results of Operations	Economic Analysis	Banking and Money Management
10	14	Gas and Electric Distribution and Generation Rate Base	Pei Sue Ong	Director, Capital Accounting	Results of Operations	Capital Accounting	Controller
10	15	Other Operating Revenues	Jim Higham	Manager, Tax	Results of Operations	Research, Audits & Planning	Tax
10	16	Calculation of Revenue Requirement	Nielson D. Jones	Mgr, Regulatory Results of Operations	Results of Operations	Revenue Requirements & Result of Ops	Controller
10	App A	Detailed Results of Operations - Tables	Nielson D. Jones	Mgr, Regulatory Results of Operations	Results of Operations	Revenue Requirements & Result of Ops	Controller

Exhibit 11 - Post Test-Year Ratemaking

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
11	1	Post Test-Year Ratemaking Proposal	Teresa Hoglund	Dir, Financial Forecast and Analysis	Post Test-Year Ratemaking	Financial Forecasting & Revenue Requirement	Controller
11	2	Attrition and Proposed Attrition Changes	Teresa Hoglund	Dir, Financial Forecast and Analysis	Post Test-Year Ratemaking	Financial Forecasting & Revenue Requirement	Controller
11	3	Rate Base Growth in Attrition Years and Related Costs	Pei Sue Ong	Director, Capital Accounting	Post Test-Year Ratemaking	Capital Accounting	Controller

Exhibit 12 - General Report

Exhibit	Chapter	Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
12	1	Introduction	Shilpa Ramaiya	Director RegRel Electric Operations	General Report	General Rate Case 2020	Regulatory Affairs
12	2	Balance Sheet and Statement of Operations	Jennifer Gardyne	Senior Director, Corporate Accounting	General Report	Corporate Accounting	Controller
12	3	Cost Model	Judy Park	Director, Business Finance	General Report	Business Finance Corp Svcs and CMGS	Finance and Planning
12	4	Escalation Rates	Jason Pao	Senior Rate Data Analyst	General Report	Electric Rates	Regulatory Affairs
12	5	Electric Billings and Sales	Anita Singh	Data Scientist, Expert	General Report	Regulatory Analytics and Research	Regulatory Affairs
12	6	Gas Billings and Sales	Katia Sokoloff	Manager, Regulatory Analysis	General Report	Analysis & Rates gr	Regulatory Affairs

Exhibit	Chapter	Chapter Title	Witness	Witness Job Title	LOB	Dept. Name	VP Area
12	7	Electric Revenues at Present Rates	Dan Pease	Rate Analyst, Principal	General Report	Rates and Regulatory Analytics	Regulatory Affairs
12	8	Gas Revenues at Present Rates	Katia Sokoloff	Manager, Regulatory Analysis	General Report	Analysis & Rates gr	Regulatory Affairs
12	9	Illustrative Electric Rates	Dan Pease	Rate Analyst, Principal	General Report	Rates and Regulatory Analytics	Regulatory Affairs
12	Atch 9A	Illustrative Electric Rates	Dan Pease	Rate Analyst, Principal	General Report	Rates and Regulatory Analytics	Regulatory Affairs
12	10	Illustrative Gas Rates	Katia Sokoloff	Manager, Regulatory Analysis	General Report	Analysis & Rates gr	Regulatory Affairs
12	11	Compliance with Prior Commission Decisions	Shilpa Ramaiya	Director RegRel Electric Operations	General Report	General Rate Case 2020	Regulatory Affairs
12	Atch11A	Voluntary Consensus Standards	Shilpa Ramaiya	Director RegRel Electric Operations	General Report	General Rate Case 2020	Regulatory Affairs
12	12	Balancing Accounts	Armando Duran	Manager, Accounting	General Report	Energy Accounting 02	Controller
12	Atch 12A	Pro Forma Preliminary Statements	Amando Duran	Manager, Accounting	General Report	Energy Accounting 02	Controller
12	13	Mobile Home Park Utility Upgrade Program	Roger Jackson	Manager, Electric Program Management	General Report	Special Projects & Programs	Electric Operations
12	Atch 13A	Mobile Home Park Utility Upgrade Program 2016 CPUC Report	Roger Jackson	Manager, Electric Program Management	General Report	Special Projects & Programs	Electric Operations
12	Atch 13B	Mobile Home Park Utility Upgrade Program Supplemental Individual Project and Cost Information	Roger Jackson	Manager, Electric Program Management	General Report	Special Projects & Programs	Electric Operations
	14	Safety Related Earnings Adjustment Mechanism	Dick Patterson	Chief, Strategic Analyst	General Report	Banking and Economic Analysis	Banking and Money Management
12	App A	Glossary of Acronyms and Abbreviations	Shilpa Ramaiya	Director, RegRel Electric Operations	General Report	General Rate Case 2020	Regulatory Affairs
12	App B	Major Work Category Glossary	Shilpa Ramaiya	Director, RegRel Electric Operations	General Report	General Rate Case 2020	Regulatory Affairs