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PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
PREPARED TESTIMONY
EXHIBIT (PG&E-1)
SUMMARY OF PG&E'S 2020 GENERAL RATE CASE



PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
EXHIBIT (PG&E-1)
SUMMARY OF PG&E'S 2020 GENERAL RATE CASE

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CHAPTER 1

INTRODUCTION

PACIFIC GAS AND ELECTRIC COMPANY
CHAPTER 1
INTRODUCTION

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1 **PACIFIC GAS AND ELECTRIC COMPANY**
2 **CHAPTER 1**
3 **INTRODUCTION**

4 **A. Introduction**

5 Pacific Gas and Electric Company's (PG&E or the Company) 2020 General
6 Rate Case (GRC) arrives at a time of significant change and uncertainty. The
7 most destructive wildfires in state history occurred in 2017 and 2018, resulting in
8 unparalleled loss of life and property. Our hearts are with all the communities
9 and individuals affected by these wildfires. Factors contributing to what the
10 Governor has called the "new abnormal,"¹ include high temperatures, extremely
11 low humidity, strong winds, and an estimated 129 million trees that died due to
12 the drought and bark beetle infestations in California. These are new realities
13 that must be understood and addressed. While California's investor-owned
14 utilities (IOUs) and publicly-owned utilities play a critical role in mitigating the risk
15 of wildfires, wildfire risk must be managed and coordinated across multiple
16 stakeholders on both a local and statewide basis.

17 In this proceeding, PG&E proposes work that reflects new approaches to the
18 design, construction, and operations and maintenance (O&M) of our electric
19 distribution system to address these increased wildfire risks, particularly in high
20 fire-risk locations.² PG&E's proposals are based on an extensive analysis of
21 data regarding the causes of ignition of fires in California that involve utility
22 infrastructure.

23 PG&E's focus on wildfire mitigation in this GRC implements California's
24 urgent call to address the growing and widespread risk of wildfires. This
25 increasing risk motivated the California Legislature to enact Senate Bill
26 (SB) 901. The Senate Floor Analysis of SB 901 explained that some of the key
27 aspects of the legislation were:

1 Los Angeles Times (Nov. 11, 2018) *Gov. Brown: Mega-fires 'the new abnormal' for California*, available at: <<https://www.latimes.com/local/california/la-me-california-fires-woolsey-hill-camp-gov-brown-mega-fires-the-new-1541985742-htmlstory.html>> (as of Dec. 3, 2018).

2 Certain of these approaches discussed in PG&E's testimony constitute additional precautionary measures intended to further reduce wildfire threats.

1 ...measures to help reduce the risk of wildfires and increase mitigation
2 efforts related to electric utility operations – both publicly owned (POUs)
3 and investor-owned (IOUs).³

4 PG&E’s wildfire mitigation proposals will be reviewed by the California
5 Public Utilities Commission (CPUC or Commission) next year when PG&E files
6 our Wildfire Mitigation Plan as required by SB 901.

7 In this application, PG&E requests that the Commission increase gas and
8 electric distribution and generation revenue requirements by a total of
9 \$1,058 million, effective January 1, 2020, a 12.4 percent increase over PG&E’s
10 2019 authorized revenue requirement. This will increase a typical residential
11 electric and gas customer bill by 6.4 percent per month. We understand that this
12 proposed increase is significant, particularly for customers who already struggle
13 to pay their bills. Nonetheless, the additional capital we plan to invest in our
14 infrastructure to harden our system against wildfire is imperative and
15 unavoidable.

16 This GRC continues PG&E’s emphasis on safety and spending that is
17 maximized to reduce operational risks at a reasonable cost over the long term.
18 PG&E’s testimony discusses our improvements in the use of risk-informed
19 spending for budget-planning purposes and the advancements to our
20 risk-management process. We also address input received from the Safety and
21 Enforcement Division and describe ongoing steps to improve our risk-mitigation
22 efforts. Our analysis of risk, and the proposals to mitigate and reduce risks
23 across all lines of business (LOB), continue to mature. For the first time, PG&E
24 is including the use of probabilistic analysis and assessment of potential
25 mitigations in the GRC. While PG&E’s work in this area continues, the progress
26 in maturing our risk management process over the last several years has been
27 meaningful and steady.⁴

28 **B. PG&E’s Mission, Vision, and Culture**

29 In the face of these serious challenges, the importance of PG&E’s
30 commitment to safety is paramount. This commitment is embedded in the

3 ³ Senate Floor Analyses, issued August 31, 2018, at p. 13, available at:
http://leginfo.legislature.ca.gov/faces/billAnalysisClient.xhtml?bill_id=201720180SB901
≥ (accessed October 2, 2018) (“Senate Floor Analysis”).

4 ⁴ See Exhibit (PG&E-2), Chapter 3.

1 Company’s Mission, Vision, and Culture. Progress on several of the key themes
2 in PG&E’s Mission, Vision, and Culture statements, including safety, reliability,
3 clean and sustainable energy, affordability, customer service, innovation, and
4 diversity has been evident over the last GRC period and will continue.

5 **1. PG&E’s Vision**

6 PG&E envisions a future of safe, reliable, and sustainable energy. This
7 encompasses not only our pledge to continue our national leadership on
8 clean energy and environmental sustainability, but also a fundamental
9 commitment to safety and affordable rates for our customers. Our vision
10 confirms our dedication to meeting the challenge of climate change by
11 transforming our energy supply to a low carbon future—a critical priority for
12 our customers. PG&E has a unique role in integrating the various solutions
13 that California and our customers are pursuing to fight climate change,
14 including renewables, electric vehicles, energy efficiency, and more.

15 **2. PG&E’s Mission**

16 PG&E’s mission is at the heart of everything we do. We are here to
17 provide safe, reliable, and affordable clean energy. We are also planning to
18 build the infrastructure needed to meet new challenges, including
19 accommodating more renewable power and integrating Distributed Energy
20 Resources (DER), electric vehicles, energy storage, and other technologies.

21 **a. Safety**

22 Safety is the foundation of—and our highest priority—in serving
23 customers every day. PG&E employees understand their actions must
24 reflect that priority. PG&E’s primary focus in this GRC is to continue to
25 improve the safety of our electric and gas operations.

26 As PG&E increases work to improve the safety of our electric
27 infrastructure and conduct increasing amounts of tree trimming, the
28 safety of our employees and contractors is paramount. The cornerstone
29 of PG&E’s employee and contractor safety program is the One PG&E
30 Occupational Health and Safety Plan. The plan encompasses
31 employee safety and health, contractor safety, motor vehicle safety, and
32 development of the safety management system. The plan seeks to
33 improve occupational safety, health performance, and culture.

1 For the past few years, the Company has implemented new safety
2 committees, redefined the Contractor Safety Program, and instituted
3 enterprise-wide Corrective Action, Reach Every Employee, and Speak-
4 Up programs. These activities encourage and enable our employees
5 and contractors to raise concerns to improve safety and performance.⁵

6 PG&E also continues to increase the safety of our gas operations.
7 In this GRC, we propose to continue our core gas distribution programs
8 such as main pipe and service replacement; leak survey and repair;
9 corrosion inspection and repair; and routine corrective and preventative
10 maintenance.

11 Finally, as discussed in Exhibit (PG&E-2), Chapter 1, PG&E agreed
12 with all 67 recommendations contained in the report issued April 21,
13 2017, by the NorthStar Consulting Group as part of the Commission's
14 Safety Culture Order Instituting Investigation (OII)⁶ and has already
15 implemented most of the recommendations. PG&E is committed to
16 continuous efforts to strengthen and improve its safety culture, including
17 further participation in the Safety Culture OII proceeding.

18 **b. Reliability**

19 PG&E's electric system reliability metrics have improved
20 significantly since 2010, showing reductions in the number, duration,
21 and frequency of outages.⁷ These improvements are due to increased
22 investments in reliability initiatives, such as Fault Location, Isolation, and
23 Service Restoration program technology. This technology has helped
24 PG&E avoid approximately 550,000 sustained outages per year and
25 more than 53 million customer minutes of outage per year, improving
26 convenience to our customers and avoiding public safety incidents that
27 may arise from outages.⁸ In this GRC period, PG&E's goal is to

5 See Exhibit (PG&E-7), Chapter 1.

6 See Investigation 15-08-019, Report appended to the Assigned Commissioner's Scoping Memo and Ruling dated May 8, 2017 (NorthStar Report).

7 See Exhibit (PG&E-4), Chapter 1.

8 See Exhibit (PG&E-4), Chapter 1. Based on 3-year (2015-2017) average results. Savings are based on unplanned outages and exclude benefits captured during major event days and other outage events typically excluded for metric reporting.

1 maintain second-quartile reliability, as measured by the frequency and
2 duration of outages.

3 **c. Affordability**

4 We understand that as we operate our business, it is essential to
5 reduce costs to keep customers' rates as affordable as possible. PG&E
6 appreciates that 40 percent of the households in our service area are
7 low income. While we must invest in our infrastructure for safety and
8 reliability, we also must work to lower our costs. PG&E's forecast of
9 costs to operate our business in this GRC—apart from our new
10 Community Wildfire Safety Program (CWSP) costs and increases in
11 insurance coverage premiums—accounts for only 2.4 percent of the
12 proposed increase in revenue requirement.

13 Our efforts to reduce costs throughout the Company are conducted
14 through PG&E's Customer Affordability Roadmap (CAR) initiative. Vice
15 President (VP) of Finance and Planning, Jamie Martin, (Exhibit
16 (PG&E-2), Chapter 2), discusses PG&E's CAR initiative. Further, in
17 each exhibit, the LOB explains its own efficiency initiatives to reduce
18 costs. These efficiencies combine to reduce PG&E's GRC forecast by
19 approximately \$450 million in total capital from 2020-2022.

20 **d. Clean Energy**

21 PG&E is deeply committed to a sustainable energy future.
22 California and PG&E are recognized as national leaders in clean energy
23 and will continue setting the pace. PG&E has one of the cleanest
24 energy portfolios in the nation. In 2017, we delivered 33 percent of our
25 energy from renewable resources, reaching California's 2020 renewable
26 energy goals three years early. We are also well positioned to meet
27 SB 100's newly-enacted goal of a 60 percent Renewables Portfolio
28 Standard by 2030.

29 PG&E enables customers to choose to generate their own
30 renewable energy and connect to the grid. PG&E has connected more
31 than 370,000 solar customers to the electric grid, or about 20 percent of
32 private rooftop solar in the entire country. PG&E connects about
33 5,000 new solar customers to the grid every month. PG&E's Integrated

1 Grid Platform (IGP) proposal in this GRC will help continue to integrate
2 this solar generation.⁹

3 Energy storage has been a part of PG&E's power mix for decades,
4 starting with the Helms Hydroelectric Facility, which began operations in
5 1984, and continuing with the deployment of new battery energy storage
6 systems. PG&E's continued investment in energy storage will further
7 California's renewable energy goals and is another way PG&E can help
8 integrate intermittent renewable resources into the distribution grid.

9 **3. PG&E's Culture**

10 **a. Safety**

11 Safety is not only key to PG&E's mission, but it is also a cornerstone
12 of PG&E's culture. PG&E's culture prioritizes safety in everything we do
13 each day. In Exhibit (PG&E-2), Chapter 1, Senior Director Todd Hohn
14 discusses PG&E's efforts to increase the safety of our employees,
15 contractors, and the public, including development and implementation
16 of the One PG&E Occupational Health and Safety Plan.

17 **b. Accountability, Integrity, Transparency, and Humility**

18 PG&E's Compliance and Ethics (C&E) Department is responsible
19 for enhancing and promoting an effective C&E Program to nurture an
20 organizational culture that encourages integrity, ethical conduct, and an
21 unwavering commitment to compliance with applicable laws and
22 regulations. PG&E communicates these values throughout the
23 organization through training and feedback mechanisms to foster a
24 culture where all employees are encouraged to do the right thing with
25 respect to ethics and integrity, and to "speak up" to promote
26 transparency and accountability.¹⁰

27 Another example of PG&E's cultural values in action is our response
28 to the NorthStar report on PG&E's safety culture. As NorthStar
29 acknowledged, PG&E provided it "unfettered access to PG&E
30 personal and executive management meetings and processes,"

⁹ See Exhibit (PG&E-4), Chapter 19 and Chapter 19, Attachment A.

¹⁰ See Exhibit (PG&E-9), Chapter 4.

1 including Board committee meetings, executive meetings, and internal
2 self-assessments.¹¹

3 **c. Customer Service**

4 Customer service remains a key focus for PG&E. In this GRC,
5 PG&E is proposing ways to continuously and proactively improve
6 customer service. PG&E's diverse customers increasingly express a
7 desire for more personalized options to manage their energy use and
8 participate in PG&E's programs, including more digital choices.
9 PG&E proposes to build on its existing technologies to effectively
10 improve how customers communicate with us and efficiently promote
11 customer service.¹²

12 PG&E is continuing its commitment to ensure that its
13 communications, digital platforms and tools, and facilities are accessible
14 for customers with disabilities. PG&E and the Center for Accessible
15 Technology continue to work collaboratively to advance that goal and
16 jointly present a Memorandum of Understanding to that effect for
17 adoption in this GRC.¹³

18 **d. Change, Innovation, and Continuous Improvement**

19 PG&E is consistently innovating to find better and more efficient
20 ways to provide safe and reliable service for our customers.

21 Electric Operations' commitment to innovation is demonstrated in
22 our Community Wildfire Safety Program, established following the
23 October 2017 wildfires to implement additional measures to further
24 mitigate wildfire threats. Such additional precautionary measures
25 include plans to install approximately 1,300 weather stations in high fire-
26 risk areas by 2022 to monitor and forecast weather conditions and better
27 predict extreme wildfire danger. PG&E is also installing a network of
28 nearly 600 new high-definition cameras in high fire-threat areas, which,
29 when complete, will allow PG&E to monitor fire conditions and ignitions

11 NorthStar Report, p. I-6 (Apr. 21, 2017).

12 See Exhibit (PG&E-6), Chapter 4.

13 See Exhibit (PG&E-6), Chapter 5, Attachment A.

1 over more than 90 percent of the high fire-threat circuit miles in its
2 distribution system.¹⁴

3 PG&E's Gas Operations also continues to innovate and modernize
4 to improve gas system safety. In August 2017, PG&E opened a
5 state-of-the-art gas training facility, the PG&E Gas Safety Academy,
6 in Winters, with training that focuses on, among other things, leak
7 survey, leak pinpointing, and emergency response training. Other
8 features include training for instrumentation and regulation equipment,
9 hands-on training in excavation, shoring, and other construction-related
10 activities, and an excavator simulation room.¹⁵

11 We also opened a new Center for Gas Safety and Innovation in
12 Dublin in 2017. The new facility includes work and lab space for Gas
13 Operations including advanced tools, testing capabilities, and lab
14 resources, to develop new methods and technologies to enhance
15 gas safety.¹⁶ Here, PG&E tests and evaluates new products and
16 processes, such as measurement and control devices to enhance gas
17 system safety. The facility is also used to conduct Non-Destructive
18 Examination on pipelines to ensure asset integrity.

19 **e. Diversity and Inclusion**

20 PG&E has one of the leading supplier diversity programs in the
21 energy industry. In 2017, PG&E spent \$2.58 billion with diverse
22 suppliers, accounting for 42.25 percent of our total procurement.
23 PG&E's level of spending exceeded the Commission's diverse spending
24 goal of 21.5 percent for the 12th consecutive year, while fostering
25 economic opportunities in numerous local communities.¹⁷

26 In addition, PG&E earned 100 percent—the highest score
27 possible—on the 2018 Disability Equality Index[®] for the
28 fourth consecutive year and was named one of the “2018 Best Places
29 to Work for Disability Inclusion” by Diversity, Inc. This index recognizes

14 See Exhibit (PG&E-4), Chapter 2A.

15 See Exhibit (PG&E-3), Chapter 1.

16 See Exhibit (PG&E-3), Chapter 1.

17 See Exhibit (PG&E-4), Chapter 4.

1 the Company's efforts to prioritize the inclusion of people with
2 disabilities.

3 **f. Speak Up, Listen Up, and Follow Up**

4 PG&E established its "Speak Up, Listen Up, Follow Up" Program to
5 encourage employees and contractors to express concerns and create a
6 safer, better Company.¹⁸ PG&E believes that a collective commitment
7 to raise concerns and contribute new ideas provides an opportunity to
8 make improvements and to correct problems before they become more
9 serious. The goal of a speak-up culture is an environment where all feel
10 welcome to express concerns, share new ideas, or request guidance.
11 When a potential safety violation occurs, PG&E's objective is to learn
12 why it happened and focus on *what* failed, not *who* failed. This
13 approach results in a safer and healthier workplace.

14 PG&E encourages our employees to speak up through discussions
15 with their supervisors, through use of PG&E's C&E Helpline, or by
16 reporting safety issues via the Corrective Action Program (CAP), among
17 other options.¹⁹

18 **g. Collaboration and Partnership**

19 PG&E works with civic and community leaders, first responders,
20 state leaders, and other energy companies on solutions and new
21 approaches to California's changing climate while ensuring the ongoing
22 delivery of safe and reliable energy to our customers.

23 Collaboration makes us stronger and keeps our customers safer.
24 Our emergency response operations involve collaborations with local,
25 state, and federal authorities including the Governor's Office of
26 Emergency Services, United States (U.S.) Geological Survey, California
27 Department of Forestry and Fire Protection (CAL FIRE), and others.
28 We also have both provided and received mutual aid assistance and will
29 continue to strengthen relationships with our mutual assistance partner
30 utilities to improve emergency response here and in other states.

¹⁸ See Exhibit (PG&E-8), Chapter 3; Exhibit (PG&E-2), Chapter 1.

¹⁹ See Exhibit (PG&E-9), Chapter 4.

1 **C. Summary of PG&E's Forecast Drivers**

2 PG&E requests a revenue requirement increase of 12.4 percent, from
 3 \$8.518 to \$9.576 billion for the 2020 test year, compared to 2019 adjusted
 4 authorized amounts, to safely and reliably deliver natural gas and electric
 5 service to our customers. This proposed increase translates to a bill impact of
 6 6.4 percent, or \$10.57 per month, for PG&E's typical residential electric and gas
 7 customer. In addition, PG&E requests increases of \$454 million for 2021 and
 8 \$486 million for 2022. PG&E is not seeking recovery of officer compensation.²⁰
 9 Further details and comparisons are presented in Chapter 2 of this exhibit.

10 Some of the main drivers in PG&E's 2020 forecast are discussed below.
 11 A more complete summary is provided in Chapter 2 of this exhibit.

12 **1. Community Wildfire Safety Program**

13 Nothing is more important to PG&E than keeping our customers and
 14 communities safe. As I discussed above, recent years have been marked
 15 by extreme weather events across California. Extreme weather events
 16 driven by climate change led to unprecedented wildfires in Northern
 17 California in 2017 and 2018, including the recent Camp Fire, the most
 18 destructive wildfire in California history. The impacts of climate change and
 19 increased wildfire risk require electric utilities to take additional steps to
 20 harden their infrastructure and increase vegetation management. PG&E
 21 faces significant wildfire challenges because of the size and geography of
 22 our service area. PG&E's service territory is approximately 70,000 square
 23 miles and includes a significant amount of areas designated as Tier 2
 24 ("elevated risk") or Tier 3 ("extreme risk") areas on the High Fire Threat
 25 District (HFTD) Map adopted by the CPUC.²¹

20 PG&E's request excludes compensation of executive officers consistent with the Commission's pending draft Resolution E-4963, Finding 6 (Draft issued Dec. 6, 2018). This draft resolution implements a provision in SB 901 regarding the recovery of officer compensation in rates. (See Pub. Util. Code § 706 (effective January 1, 2019)). PG&E will go beyond the requirements in this draft resolution and remove compensation of all other officers from its revenue requirement presented herein.

21 The HFTD Map, adopted by the Commission in January 2018, designates three types of fire threat area: Tier 3 ("extreme risk"); Tier 2 ("elevated risk"); and a much smaller Tier 1/Zone 1 (made up of areas on the CAL FIRE/U.S. Forest Service High Hazard Zones map that are not subsumed within Tier 2 and Tier 3 HFTDs). See Decision 17-12-024, p. 158, Ordering Paragraph 12, and Appendix D.

1 Given the continued and growing threat of wildfire, PG&E is evolving
2 and expanding its Community Wildfire Safety Program. PG&E's testimony
3 includes proposals for electric distribution hardening and further enhancing
4 vegetation management to reduce the risk of wildfire. These proposals are
5 based on an analysis of CPUC Fire Incident data. PG&E proposes to
6 bolster wildfire prevention, risk monitoring, and emergency response efforts,
7 add new and enhanced safety measures, increase vegetation management,
8 and harden our electric system to help further reduce wildfire risks.

9 In Exhibit (PG&E-4), Chapter 2A, PG&E's Vice President of Community
10 Wildfire Safety, Sumeet Singh, provides a detailed discussion of our
11 analysis of the wildfire risk in PG&E's service area, and the specific
12 proposals in this proceeding intended to further mitigate this risk.

13 PG&E is proposing to invest approximately \$5 billion between 2018 and
14 2022 on these and other incremental Community Wildfire Safety Program
15 measures.²²

16 **2. Insurance**

17 As explained by Janaize Markland, Director of Enterprise Risk
18 Management, in Exhibit (PG&E-9), Chapter 3, each of the California electric
19 IOUs is facing increased potential liability due to wildfire risk. This increase
20 in liability is amplified by California's application of inverse condemnation
21 whereby a utility may be held liable for wildfire costs when its equipment is
22 involved, even if the utility operated its system properly and followed all
23 applicable rules and regulations. This liability law, coupled with greatly
24 increased wildfire risk, has led to fewer insurers willing to issue wildfire
25 insurance policies to the IOUs and far higher premiums. PG&E's forecast
26 for liability insurance is approximately 200 percent more than PG&E's 2017
27 renewal cost, and is equal to our 2018 insurance costs.²³ In addition, due
28 to the uncertainty regarding the price and availability of insurance coverage,
29 PG&E requests that the Commission approve a two-way balancing account
30 for insurance premiums and other financial-risk transfer instruments so that

²² See Exhibit (PG&E-4), Chapter 2A.

²³ See Exhibit (PG&E-9), Chapter 3.

1 PG&E can fully recover its insurance costs and customers will not overpay if
2 PG&E spends less than its forecast.

3 **3. Gas Operations**

4 Exhibit (PG&E-3) sets forth the scope of work and costs for the O&M of
5 PG&E's gas distribution system, which provides natural gas to the
6 Company's 4.3 million residential, commercial, and industrial customers.
7 Gas Operations' 2020 expense forecast represents a \$33 million or
8 10 percent overall increase, as compared to 2017 recorded expense.
9 The 2020 capital expenditure forecast is \$130 million, or 16 percent overall
10 increase, as compared to 2017 recorded capital.²⁴ This funding will allow
11 PG&E to continue to fulfill California's policy to "place safety of the public
12 and gas corporation employees as the top priority."²⁵ These programs
13 include main pipe replacement, reconstruction of gas pressure regulator
14 stations, corrosion detection and mitigation, leak survey, and leak repair.²⁶
15 The forecast also includes new initiatives to improve safety and reliability
16 such as installing measures to mitigate equipment-related and incorrect
17 operations threats at regulator stations.

18 **4. Energy Supply Forecasts Reduced Costs**

19 Within Energy Supply (ES), the Diablo Canyon Power Plant (DCPP),
20 Power Generation, and Energy Policy and Procurement areas/organizations
21 serve customers by safely and efficiently operating utility-owned resources,
22 administering PG&E's supply portfolio, and implementing resource
23 strategies, which together meet PG&E's customers' electricity and natural
24 gas needs. Specifically, ES departments manage expanding safety—and
25 regulatory—compliance requirements, implement customer affordability
26 initiatives, and adapt to market complexity and an evolving regulatory
27 framework. While the ES departments continue to focus on these key
28 issues and challenges, ES forecasts a decrease of \$14 million in 2020
29 expense as compared to 2017 recorded expense. The ES 2020 capital

²⁴ See Exhibit (PG&E-3), Chapter 1.

²⁵ Public Utilities Code § 963(b)(3).

²⁶ See Exhibit (PG&E-3), Chapter 1.

1 forecast is a decrease of \$192 million compared to 2017 recorded capital.²⁷

2 This decrease is mainly associated with the nonrenewal of the Nuclear
3 Regulatory Commission license for DCPD and customer affordability
4 initiatives such as the portfolio optimization of Power Generation facilities.

5 **D. PG&E's Forecasts Were Prepared Before the Camp Fire**

6 Due to the lead time necessary to run the Results of Operations model and
7 finalize the presentation of this case, PG&E completed our forecasts in
8 May 2018, apart from the CWSP and Human Resources benefits forecast, which
9 were completed in October 2018. PG&E's plans are thus based on the
10 information available at those times. Since then, the devastating Camp Fire has
11 changed PG&E's expected workplan for 2018 and 2019 and caused additional
12 financial uncertainty for the Company.

13 At present, employees throughout the Company have been re-assigned to
14 work on restoration activities in Butte County, diverting them from their normal
15 work. Therefore, the work PG&E conducts in 2018 and 2019 to support
16 Butte County will cause deviations from the work forecast in this proceeding.

17 In addition, PG&E continues to face extraordinary uncertainties associated
18 with wildfire risk that could significantly impact our ability to access capital on
19 reasonable terms. These uncertainties, which have grown after the Camp Fire,
20 have led to credit rating downgrades in September and November 2018, and
21 may lead to additional downgrades. Weakened credit conditions may impair
22 PG&E's ability to raise new debt and equity, which could impact the amount of
23 work PG&E can commit to financing and require a change to the scope of work
24 that PG&E proposes to accomplish in the upcoming rate case period. Due to
25 the long lead time necessary for real estate transactions, PG&E anticipates that
26 it will not be able to execute on some of the proposals in the Corporate Real
27 Estate testimony and will update that testimony.²⁸

28 Given the evolving situation, PG&E will keep the Commission and parties
29 updated during this proceeding regarding PG&E's financial condition and any
30 significant change required to the work plans included in PG&E's testimony.

²⁷ See Exhibit (PG&E-5), Chapter 1.

²⁸ See Exhibit (PG&E-7), Chapter 5.

PACIFIC GAS AND ELECTRIC COMPANY
CHAPTER 2
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1 **PACIFIC GAS AND ELECTRIC COMPANY**
2 **CHAPTER 2**
3 **SUMMARY OF PG&E'S**
4 **2020 GENERAL RATE CASE**

5 **A. Summary of Forecast**

6 In this application, Pacific Gas and Electric Company (PG&E or the
7 Company) requests that the California Public Utilities Commission (CPUC or
8 Commission) increase gas distribution, electric distribution, and generation base
9 revenue requirements by a total of \$1.058 billion,¹ effective January 1, 2020, as
10 compared to adopted revenue requirements for 2019. In addition, PG&E
11 forecasts revenue requirements increases of \$454 million and \$486 million,
12 respectively, for the 2021 and 2022 attrition years. PG&E requests that the
13 Commission authorize the Company to incorporate these attrition adjustments
14 into its Annual Electric True-Up and Annual Gas True-Up advice filings for
15 2021 and 2022.

16 **1. Breakdown by Functional Area**

17 This section breaks down the total revenue requirement by the
18 three Federal Energy Regulatory Commission (FERC) functional areas:
19 gas distribution, electric distribution and generation. An allocation of the
20 costs to provide customer service, as well as a share of common facilities
21 and Administrative and General (A&G) costs, are included in the
22 three functional areas.²

23 Gas Distribution – The gas distribution revenue requirement of
24 \$2.097 billion reflects PG&E's forecast of costs it will incur in 2020 to safely
25 own, operate, and improve its gas distribution system.³ This forecast

1 Unless otherwise stated, all amounts noted in the testimony and workpapers supporting PG&E's 2020 General Rate Case (GRC) forecast are in nominal dollars. Differences in values set forth in tables may exist due to rounding issues.

2 Customer service costs are allocated between the gas and electric distribution functions, whereas common facilities and A&G costs are allocated to all three functions.

3 The commodity cost of natural gas purchased for core customers is not included in this GRC request.

1 represents a \$134 million increase relative to currently adopted gas
2 distribution revenues for 2019.

3 Electric Distribution – The electric distribution revenue requirement of
4 \$5.113 billion reflects PG&E’s forecast of costs it will incur in 2020 to safely
5 own, operate and improve the electric distribution system, including the
6 portion of the electric transmission system that provides service directly to
7 end-use customers and to interconnect generation resources. This forecast
8 represents a \$749 million increase relative to currently adopted electric
9 distribution revenues for 2019.

10 Generation – The generation revenue requirement of \$2.366 billion
11 reflects PG&E’s forecast of costs it will incur in 2020 to safely own, operate
12 and improve its nuclear, hydroelectric, fossil, photovoltaic and fuel cell
13 generation facilities, as well as to purchase electricity for its bundled service
14 electric customers.⁴ This forecast represents a \$175 million increase
15 relative to currently adopted generation revenues for 2019.

16 **2. Customer Bill Impacts**

17 Over the course of the next year, there will be a number of factors that
18 will increase and decrease overall costs. Isolating the effects of this
19 proposed increase, the resulting impact on residential customers’ bills is as
20 follows:

- 21 • A typical residential electric customer using 500 kilowatt-hours
22 per month would see their monthly bill increase by \$8.73 for a total
23 electric bill of \$122.37.
- 24 • A typical residential gas customer using 34 therms per month would see
25 their monthly bill increase by \$1.84 for a total gas bill of \$54.13.

26 **B. Testimony Structure and Highlights**

27 **1. Organization of Exhibits**

28 Table 2-1 below provides a summary of the exhibits included in PG&E’s
29 opening GRC testimony. As described in Section E below, there are a

4 The cost of electricity provided to bundled service electric customers, including power purchases and fuel costs for PG&E-owned generation, is recovered through the Energy Resource Recovery Account.

1 number of changes in the presentation of the information compared to the
2 2017 GRC.

**TABLE 2-1
STRUCTURE OF EXHIBITS**

Line No.	Exhibit	Summary
1	(PG&E-1) Summary of PG&E's 2020 General Rate Case	<ul style="list-style-type: none"> • Provides overall policy testimony on PG&E's request including testimony on PG&E's Mission, Vision, and Culture and a summary of PG&E's forecast drivers. • Provides an executive summary of the case and revenue requirement forecast. • Outlines the structure of the remaining exhibits.
2	(PG&E-2) Safety, Risk, and Integrated Planning	<ul style="list-style-type: none"> • Presents PG&E's safety policy and an update on PG&E's efforts to implement the recommendations of NorthStar Consulting Group (NorthStar) in the Safety Culture Order Instituting Investigation (OII). • Provides a summary of PG&E's Integrated Planning Process and Customer Affordability Roadmap (Affordability). • Present's PG&E's risk management policy, program, and integration of the Risk Assessment and Mitigation Phase into the 2020 GRC request.
3	(PG&E-3) Gas Distribution	<ul style="list-style-type: none"> • Describes PG&E's policy on managing its gas distribution operations, including its risk management program. • Describes the activities and costs incurred in operating, maintaining and improving gas distribution assets. • Describes how proposed spending addresses safety-related risks. • Presents Gas Distribution's Affordability initiatives and associated savings estimates.
4	(PG&E-4) Electric Distribution	<ul style="list-style-type: none"> • Describes PG&E's policy on managing its electric distribution operations, including its Community Wildfire Safety Program and risk management program. • Describes the activities and costs incurred in operating, maintaining and improving electric distribution assets. • Describes how proposed spending addresses safety-related risks. • Presents Electric Distribution's Affordability initiatives and associated savings estimates.

**TABLE 2-1
STRUCTURE OF EXHIBITS
(CONTINUED)**

Line No.	Exhibit	Summary
5	(PG&E-5) Energy Supply	<ul style="list-style-type: none"> • Describes PG&E's policy on managing its energy supply operations, including its risk management program. • Describes the activities and costs incurred in operating, maintaining and improving generation assets. • Describes the activities and costs incurred to procure electricity and gas. • Describes how proposed spending addresses safety-related risks. • Presents Energy Supply's Affordability initiatives and associated savings estimates.
6	(PG&E-6) Customer Care	<ul style="list-style-type: none"> • Describes PG&E's policy on managing its distribution customer service functions. • Describes the activities and costs incurred in providing customer services to distribution customers. • Presents Customer Care's Affordability initiatives and associated savings estimates.
7	(PG&E-7) Shared Services and Information Technology	<ul style="list-style-type: none"> • Describes PG&E's policies on, and costs relating to, common support costs, such as fleet, safety, environmental, materials, corporate security, and building costs and two enterprise-wide programs. • Describes PG&E's policy on, and costs relating to, managing its Information Technology (IT) assets and processes, including cybersecurity.
8	(PG&E-8) Human Resources (HR)	<ul style="list-style-type: none"> • Describes PG&E's human resources programs, including those related to executive and non-executive compensation, employee benefits, diversity, training and hiring. • Includes the methodology relating to, and results of, the Total Compensation Study. • Describes PG&E's costs relating to the Short-Term Incentive Plan and benefits. • Describes PG&E's HR Department costs. • Describes PG&E's methodology for removing officer compensation from this GRC request in accordance with Senate Bill (SB) 901.
9	(PG&E-9) Administrative and General	<ul style="list-style-type: none"> • Describes PG&E's A&G costs, including Corporate Services department costs, costs of services provided by PG&E Corporation, insurance, claims and other A&G costs. • Seeks recovery of incremental expenses recorded to the Wildfire Expense Memorandum Account.

**TABLE 2-1
STRUCTURE OF EXHIBITS
(CONTINUED)**

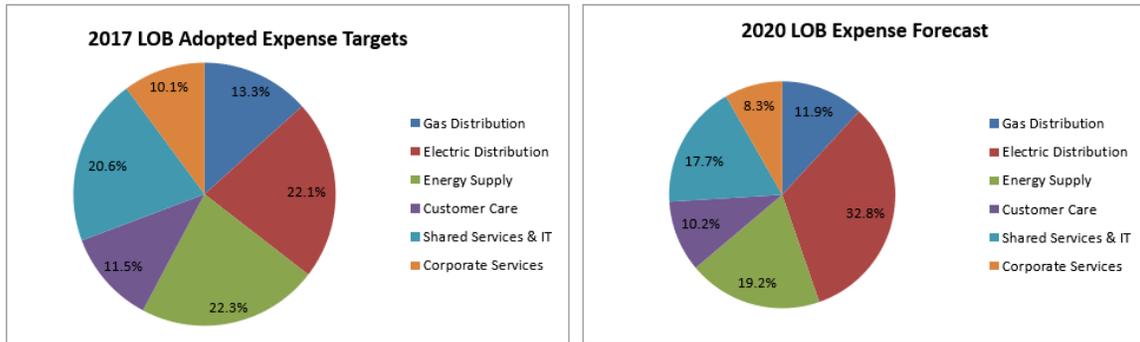
Line No.	Exhibit	Summary
10	(PG&E-10) Results of Operations	<ul style="list-style-type: none"> • Presents the electric and gas distribution, and generation results of operations. • Translates the SAP view of costs presented in Exhibits (PG&E-3) through (PG&E-9) to the FERC account view required by the Rate Case Plan. • Presents other technical cost chapters (e.g., taxes, rate base).
11	(PG&E-11) Post-Test Year Ratemaking	<ul style="list-style-type: none"> • Presents PG&E's proposed mechanism for cost recovery during the attrition years 2021 and 2022. • Presents the forecast of rate base growth for the attrition years.
12	(PG&E-12) General Report	<ul style="list-style-type: none"> • Presents general information supporting the cost exhibits (e.g., escalation rates). • Presents other information required by the Rate Case Plan including a summary of compliance requirements from various CPUC decisions. • Presents the costs incurred through December 31, 2016 for the Mobile Home Park (MHP) Utility Upgrade Program • Presents the Safety Earnings Adjustment Mechanism proposal pursuant to the NorthStar Report on PG&E's safety culture in the Safety Culture OII. • Presents a master list of acronyms used throughout the case.
13	(PG&E-13) Statement of Qualifications	<ul style="list-style-type: none"> • Presents an index to the case (e.g., by chapter, by witness). • Presents the statement of qualifications for each witness.

1 **2. Comparison to Currently Adopted Amounts**

2 Figure 2-1 below compares each line of business (LOB) share of the
3 2017 GRC adopted expense to the 2020 share of forecast expense.⁵ In
4 2020, Electric Distribution expense spending will increase, and all other LOB
5 expense spending will decrease relative to total LOB spending.

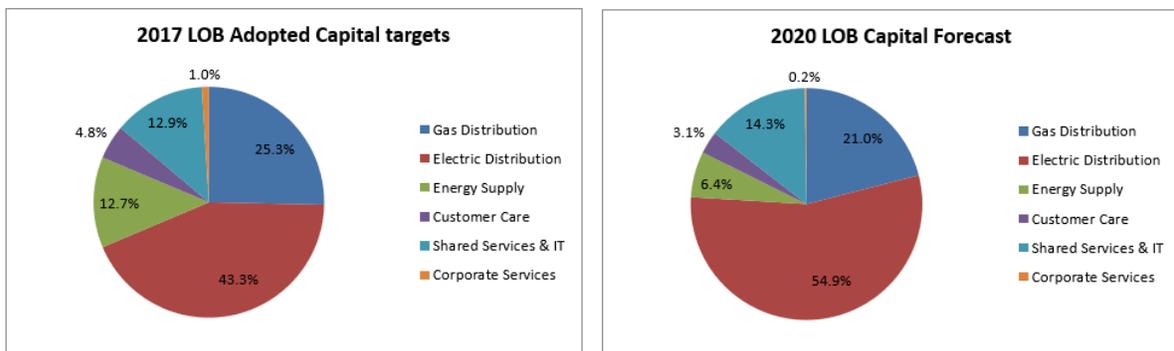
⁵ In Figures 1-1 and 1-2, HR department costs are included as part of the Corporate Services' costs.

**FIGURE 2-1
2017 ADOPTED AND 2020 FORECAST EXPENSE**



1 Figure 2-2 below compares each LOB’s share of the 2017 GRC imputed
2 adopted capital expenditures to the 2020 share of forecasted capital
3 expenditures. In 2020, the Energy Supply, Gas Distribution, Customer
4 Care, and Corporate Services capital spending will have decreased relative
5 to total LOB capital spending in 2017 and Electric Distribution and Shared
6 Services and IT capital spending will increase relative to total LOB capital
7 spending in 2020.

**FIGURE 2-2
2017 ADOPTED AND 2020 FORECAST CAPITAL**



8 Table 2-2 below provides a summary from PG&E’s Results of
9 Operations model that compares PG&E’s current 2019 adopted funding
10 level to PG&E’s 2020 GRC forecast.

TABLE 2-2
SUMMARY OF PROPOSED INCREASE OVER ADOPTED 2019
(MILLIONS OF NOMINAL DOLLARS)

Line No.	Description	1/1/2020 Authorized (Note 1) (a)	Application		Application		Application	
			2020 Proposed (b)	Difference from Authorized (c)=(b)-(a)	2021 Proposed (d)	Increase from 2020 (e)=(d)-(b)	2022 Proposed (f)	Increase from 2021 (g)=(f)-(d)
1	Electric Distribution							
2	Operation and Maintenance	809	1,142	333	1,233	91	1,294	62
3	Customer Services	214	197	(17)	192	(5)	187	(5)
4	Administrative & General	399	580	181	594	14	608	14
5	Less: Revenue Credits (OORs & Wheeling)	(118)	(154)	(36)	(154)	-	(154)	-
6	FF&U, Other Adjs, Taxes Other than Income	86	115	29	120	5	130	10
7	Taxes: Income and Property	324	323	(1)	349	26	401	52
8	Depreciation, Decommission and Amortization	1,499	1,610	111	1,712	101	1,818	107
9	Return	1,151	1,300	149	1,399	99	1,502	103
10	Retail Revenue Requirement	4,364	5,113	749	5,444	331	5,786	342
				17.2%		6.5%		6.3%
11	Gas Distribution Total							
12	Operation and Maintenance	395	377	(19)	387	11	398	11
13	Customer Services	121	118	(4)	121	3	124	3
14	Administrative & General	270	344	74	352	8	361	9
15	Less: Revenue Credits (OORs & Wheeling)	(28)	(33)	(5)	(33)	-	(33)	-
16	FF&U, Other Adjs, Taxes Other than Income	55	62	8	65	2	67	2
17	Taxes: Income and Property	83	119	36	136	17	150	14
18	Depreciation, Decommission and Amortization	558	531	(27)	565	34	600	36
19	Return	508	579	70	624	45	670	47
20	Retail Revenue Requirement	1,963	2,097	134	2,217	121	2,339	122
				6.8%		5.8%		5.5%
	Electric Generation							
21	Operation and Maintenance	741	637	(104)	628	(9)	634	6
22	Customer Services	3	4	2	4	0	5	0
23	Administrative & General	284	390	106	400	10	410	10
24	Less: Revenue Credits (OORs & Wheeling)	(6)	(9)	(3)	(9)	-	(9)	-
25	FF&U, Other Adjs, Taxes Other than Income	40	58	18	59	1	60	1
26	Taxes: Income and Property	82	141	60	139	(3)	146	8
27	Depreciation, Decommission and Amortization	620	713	93	728	15	743	15
28	Return	428	431	3	420	(12)	401	(18)
29	Retail Revenue Requirement	2,191	2,366	175	2,368	2	2,391	22
				8.0%		0.1%		0.9%
30	Total							
31	Operation and Maintenance	1,946	2,156	210	2,248	92	2,327	79
32	Customer Services	338	319	(19)	317	(2)	316	(1)
33	Administrative & General	953	1,315	361	1,346	32	1,379	33
34	Less: Revenue Credits (OORs & Wheeling)	(152)	(196)	(44)	(196)	-	(196)	-
35	FF&U, Other Adjs, Taxes Other than Income	181	236	55	244	9	258	13
36	Taxes: Income and Property	488	583	95	623	40	697	73
37	Depreciation, Decommission and Amortization	2,677	2,854	177	3,004	150	3,162	158
38	Return	2,087	2,310	223	2,442	133	2,573	131
39	Retail Revenue Requirement	8,518	9,576	1,058	10,029	454	10,516	486
				12.4%		4.7%		4.8%

Note (1): These amounts include adopted revenues from PG&E's 2017 GRC Decision 17-05-013, adjusted for the Tax Cuts and Job Act of 2017. Also included are:

- The Diablo Canyon Seismic Studies Long Term Seismic Program (LTSP) expenses,
- Residential Rate Reform expenses for Time of Use (TOU) Default Pilots Default TOU Rates, Marketing, Education and Outreach, and implementation of other requirements required by D.15-07-001 and R.12-06-013 and related proceedings,
- Natural Gas Leak Abatement Program Gas Distribution expense and capital costs, pursuant to CPUC Decision 17-06-015 (Ordering Paragraph 12),
- Mobile Home Park to and beyond the meter capital costs recorded through 12/31/17, pursuant to CPUC Decision 14-03-021 (Ordering Paragraph 8),
- Greenhouse Gas (GHG) Compliance Instruments Held for Future Use Inventory, pursuant to CPUC Decision 14-10-033 (Section 7.6.2).

General Note: Columns and rows may not add due to rounding.

1 Table 2-3 provides a summary of PG&E's LOB actual and planned
2 spending compared to adopted amounts from the 2017 GRC. As illustrated
3 in the table, PG&E expects to spend less than the imputed adopted amounts
4 over the three years in the 2017 GRC cycle for expense and spend more
5 than the imputed adopted amounts over the three years in the 2017 GRC
6 cycle for capital.

TABLE 2-3
COMPARISON OF TOTAL LOB ACTUAL AND PLANNED SPENDING TO IMPUTED ADOPTED
LEVEL FOR 2017 GRC PERIOD
(MILLIONS OF NOMINAL DOLLARS)

Line No.	Description	2017		2018		2019		Total Planned Over/(Under) Spending
		Adopted	Recorded	Adopted	Forecast	Adopted	Forecast	
1	Expense	\$2,692	\$2,529 ^(a)	\$2,772	\$2,512 ^(b)	\$2,848	\$2,611 ^(d)	(\$660)
2	Capital	\$3,839	\$3,542	\$3,563	\$3,846 ^(c)	\$3,479	\$3,976 ^(e)	\$483

- (a) Includes a recorded erratum reduction of \$2.6 million for HR and a recorded erratum reduction of \$546 thousand for Gas Distribution.
- (b) Includes a forecast erratum reduction of \$1.144 million for Administrative and General and a forecast erratum reduction of \$1 million for HR.
- (c) Includes a forecast erratum reduction of \$1.421 million for Gas Distribution, a forecast erratum reduction of \$244 thousand for Shared Services and forecast erratum increase of \$1.9 million for HR.
- (d) Includes a forecast erratum reduction of \$2.182 million for Electric Distribution, a forecast erratum reduction of \$1.363 million for Administrative and General, a forecast erratum reduction of \$800 thousand for HR, and a forecast erratum reduction of \$543 thousand for Gas Distribution.
- (e) Reflects a forecast erratum reduction of \$20.385 million for Gas Distribution and a forecast erratum reduction of \$613 thousand for Shared Services.

Note: Corporate Services reflect 100 percent of total Company costs.

1 C. Relationship to Other Regulatory Proceedings

2 1. Separately Funded Programs

3 There are a number of regulatory proceedings that have adopted base
4 revenue increases that have been handled outside of the GRC. PG&E is
5 proposing to include ongoing costs of the following programs in the
6 2020 GRC that were formerly recovered outside of the GRC:

- 7 • Residential Rate Reform
- 8 • Long-Term Seismic Studies Program
- 9 • Assembly Bill (AB) 802 Memorandum Account
- 10 • Natural Gas Leak Abatement Program Balancing Account

11 See additional information and PG&E's proposed treatment of these
12 programs in PG&E's balancing account testimony in Exhibit (PG&E-12),
13 Chapter 12.

14 2. Pension

15 PG&E is not seeking changes to pension expenses or related revenue
16 requirements in this GRC and will continue to recover the costs associated

1 with the pension consistent with the requirements in Decision
2 (D.) 09-09-020.

3 **D. Key Changes From the 2017 GRC**

4 **1. Changes in Approach and Presentation**

5 **a. Changes to Exhibit (PG&E-4), Electric Distribution**

6 **1) Wildfire Overview Chapter Added to Exhibit (PG&E-4)**

7 PG&E presents new testimony as Chapter 2A to provide an
8 overview of the increasing wildfire risks in California resulting from
9 climate-related events and summary of PG&E's proposals to
10 address those risks.

11 **2) New Testimony on Integrated Grid Platform and Grid
12 Modernization Plan**

13 PG&E added a new chapter to discuss the activities and costs
14 associated with its Integrated Grid Platform Program which includes
15 electric distribution technology projects related to modernization of
16 the electric grid.

17 Additionally, in accordance with the CPUC's March 2018 Grid
18 Modernization D.18-03-023, this new testimony includes PG&E's
19 Grid Modernization Plan which provides PG&E's 10-year grid
20 modernization vision.

21 **b. Changes to Exhibit (PG&E-6), Customer Care**

22 The customer retention testimony, which was included in the 2017
23 GRC as Chapter 6, is removed from PG&E's 2020 GRC testimony.

24 **c. Changes to Exhibit (PG&E-7), Shared Services and Information
25 Technology**

26 **1) Shared Services and Information Technology Exhibit No
27 Longer Includes a Policy Sponsor**

28 Shared Services and Information Technology (IT) Exhibit no
29 longer includes a policy chapter. In the 2017 GRC, Safety and
30 Shared Services was overseen by a Senior Vice President (SVP).
31 In January 2017, this SVP role was eliminated and the functions
32 within the Safety and Shared Services Organization were realigned

1 to other LOBs. However, for continuity between rate cases, PG&E
2 has kept the remainder of the Exhibit 7 structure in the 2020 GRC
3 the same as the 2017 GRC structure.

4 **2) Integrated Disability Management Chapter Now Included in**
5 **Exhibit (PG&E-7)**

6 PG&E moved the Integrated Disability Management (IDM)
7 chapter from Exhibit (PG&E-8), Human Resources to Exhibit
8 (PG&E-7), Safety and Shared Services, Chapter 1A. The IDM
9 department now reports to the Senior Director of Safety.
10 Reassigning this chapter to Exhibit 7 comports with the operational
11 reporting structure of the IDM department.

12 **3) Presentation of Information Technology Costs, and Corporate**
13 **and Cybersecurity Costs**

14 PG&E's presentation of IT costs is consistent with its 2017 GRC
15 testimony. PG&E's IT costs are included: in (i) the IT chapter for
16 those projects and programs initiated by the IT Department; and
17 (ii) LOB chapters for those projects initiated by the LOB. For LOB—
18 initiated projects, the justification for and the costs of the project are
19 in the LOB chapter, although questions concerning how the costs
20 were calculated are supported by the IT witness.

21 PG&E changed its presentation of cybersecurity and corporate
22 security costs. In the 2017 GRC, cybersecurity projects costs
23 initiated by a LOB were included in that LOB's testimony and
24 forecast, but the justification for the project, as well as how the costs
25 were calculated were the responsibility of the cybersecurity witness.
26 In the 2020 GRC, all cybersecurity and corporate security forecasts
27 and justifications are provided in one consolidated chapter,
28 Exhibit (PG&E-7), Chapter 9.

29 **d. Changes to Exhibit (PG&E-8), Human Resources**

30 PG&E is not seeking recovery of officer compensation. PG&E's
31 revenue requirement excludes compensation of executive officers
32 consistent with the Commission's pending draft Resolution (Res.)
33 E-4963, Finding 6 (issued December 6, 2018). This draft resolution

1 implements a provision in SB 901 regarding the recovery of officer
2 compensation in rates. (See Public Utilities Code § 706 (effective
3 January 1, 2019)). PG&E will go beyond the requirements in this draft
4 Resolution and remove the compensation of all other officers from its
5 revenue requirement in a future update.

6 As the draft Resolution implementing SB 901 was passed after the
7 majority of PG&E's forecast was complete, officer compensation costs
8 were included throughout the LOB forecasts. PG&E made a high-level
9 adjustment to its revenue requirements to remove officer compensation
10 costs for those officers designated by PG&E pursuant to Rule 240.3b-7
11 of the Securities Exchange Act as of September 2018 from its forecast
12 consistent with Energy Division Draft Res.E-4963 dated October 26,
13 2018. Additional information regarding PG&E's removal of officer
14 compensation costs from the forecast is in Exhibit (PG&E-8),
15 Chapter 4A.

16 **e. Changes to Exhibit (PG&E-9), Administrative and General**

17 Chapter 3, Risk and Audit Department and Insurance, includes new
18 testimony for recovery of incremental excess liability insurance costs
19 recorded to the Wildfire Expense Memorandum Account.

20 **f. Changes to Exhibit (PG&E-10), Results of Operations**

21 **1) Tax Cuts and Jobs Act of 2017**

22 The Tax Cuts and Jobs Act (TCJA) of 2017 reduced corporate
23 taxes beginning January 1, 2018. As such, PG&E's forecasted
24 revenue requirement for the 2020 GRC reflects total tax reductions
25 of \$286 million in 2020, \$319 million in 2021, and \$381 million in
26 2022. Additional information on PG&E's tax forecast is provided in
27 Exhibit (PG&E-10), Chapter 12.

28 **2) New Diablo Canyon Power Plant Capital Depreciation True-Up
29 Proposal**

30 In accordance with D.18-01-022 in Application 16-08-006,
31 Chapter 10, Depreciation Reserve and Expense, includes new
32 testimony regarding the true-up of Diablo Canyon Power Plant
33 capital depreciation.

1 **3) Electric and Gas Revenues at Present Rates Moved to Exhibit**
2 **(PG&E-12)**

3 In the 2017 GRC, the testimony on electric and gas revenues at
4 present rates were included in Exhibit (PG&E-10), as Chapters 15
5 and 16, respectively. In the 2020 GRC the electric and gas
6 revenues at present rates testimony are included in Exhibit
7 (PG&E-12), as Chapters 7 and 8, respectively.

8 **g. Changes to Exhibit (PG&E-12), General Report**

9 **1) New Mobile Home Park Upgrade Chapter**

10 In accordance with Ordering Paragraph 8 of D.14-03-021,
11 PG&E added testimony to describe the activities and
12 reasonableness of costs recorded through year-end 2016 in
13 executing the MHP Pilot Program. This testimony is in the new
14 Exhibit (PG&E-12), Chapter 13.

15 **2) New Safety Earning Adjustment Chapter**

16 Pursuant to the recommendation in the NorthStar Consulting
17 Group's report on PG&E's safety culture in the Commission's "Order
18 Instituting Investigation on the Commission's Own Motion to
19 Determine Whether Pacific Gas and Electric Company and PG&E
20 Corporation's Organizational Culture and Governance Prioritize
21 Safety," PG&E proposes a safety-related shareholder earnings
22 adjustment mechanism that puts a portion of PG&E's annual
23 earnings at risk as a function of PG&E's performance on safety. This
24 proposal is provided in the new Exhibit (PG&E-12), Chapter 14.

25 **h. Update on Balancing and Memorandum Accounts**

26 PG&E is proposing 3 new balancing accounts as follows:

- 27 • Wildfire Mitigation Balancing Account
28 • Risk Transfer Balancing Account
29 • Residential Rate Reform subaccount in existing Statewide
30 Marketing Education and Outreach Balancing Account

31 PG&E is also proposing termination of the following accounts as
32 they are either being subsumed into the 2020 GRC, required to be
33 closed before 2020, or are no longer needed:

- 1 • Fire Hazard Prevention Memorandum Account
- 2 • Natural Gas Leak Abatement Balancing Account
- 3 • Diablo Canyon Seismic Studies Balancing Account
- 4 • AB 802 Memorandum Account
- 5 • Tax Memorandum Account
- 6 • Incremental Inspection and Removal Cost Tracking Account, a
- 7 subaccount of the Vegetation Management Balancing Account

8 A complete list and discussion of new balancing accounts, changes
9 to existing balancing and memorandum accounts, and balancing and
10 memorandum accounts to be terminated can be found in
11 Exhibit (PG&E-12), Chapter 12.

12 **2. Potential Updates**

13 PG&E has identified two updates that may be required.

14 Financial Update

15 As discussed in the testimony of Steven Malnight (Exhibit (PG&E-1),
16 Chapter 1), PG&E is facing uncertain financial uncertainties that may impair
17 the Utility's ability to raise new debt and equity, which could impact the
18 amount of work PG&E can commit to financing and require a change to the
19 scope of work proposed in this proceeding. In addition, PG&E employees
20 have been diverted from their planned 2018 and 2019 work to restore
21 electric and gas services in Butte County. Both PG&E's financial condition
22 and the reprioritization of PG&E's work this year will necessitate changes to
23 the work forecasted in this proceeding. PG&E plans to revise work
24 proposed in the Corporate Real Estate testimony, (Exhibit (PG&E-7),
25 Chapter 5). PG&E will update the Commission and parties throughout
26 this proceeding and will discuss providing a testimony update at the
27 prehearing conference.

28 San Francisco Proposition C Increase to Gross Receipts Tax

29 This proposition, passed by the voters of San Francisco on November 5,
30 2018, approved a business tax effective January 1, 2019, to fund programs
31 for homeless services in San Francisco. This tax is at a rate between
32 0.175 percent and 0.69 percent of gross receipts above \$50 million,
33 depending on business type. PG&E is working to assess the impacts of this

1 recently-approved ballot measure and may provide update testimony in
2 advance of evidentiary hearings.⁶

3 **E. Miscellaneous Issues**

4 **1. Cost Model Changes**

5 PG&E revised its cost model accounting in 2016. The 2020 GRC is
6 presented in the new cost model view only. To facilitate comparisons
7 between future cost forecasts based on the new cost model and historical
8 costs recorded prior to 2016 under the old cost model, PG&E converted and
9 shows the historical costs in the new cost model view. Additionally,
10 beginning in 2020, PG&E proposes to change how overhead costs are
11 applied to balancing account expense orders and capital and expense
12 orders recorded to the CEMA. Detailed explanations of these changes are
13 provided in Exhibit (PG&E-12), Chapter 3.

14 **2. Timing and Basis of Forecast**

15 Due to the time necessary to review the results of PG&E's Results of
16 Operations model and prepare the necessary workpapers and
17 documentation, with limited exceptions, PG&E had to freeze the inputs to its
18 forecast for the period 2018 through 2022 as of May 16, 2018. PG&E's
19 wildfire mitigations-related forecasts which were developed following the
20 passage of SB 901 and HR benefits forecasts for the period 2019 through
21 2022 were frozen as of October 26, 2018. The reasonableness of PG&E's
22 forecast should thus be judged based on the information available to the
23 Company as of these dates.

⁶ See Exhibit (PG&E-10), Chapter 8.