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**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.

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

(U 39 M)

**RESPONSE OF PACIFIC GAS AND ELECTRIC
COMPANY (U 39 M) TO ADMINISTRATIVE LAW
JUDGES' RULING**

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Dated: May 20, 2020

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

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Company for Authority, Among Other Things,
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**RESPONSE OF PACIFIC GAS AND ELECTRIC COMPANY (U 39 M) TO
ADMINISTRATIVE LAW JUDGES' RULING**

Pacific Gas and Electric Company (PG&E) submits this response to the May 15, 2020 Ruling of Administrative Law Judges Lirag and Lau regarding Article 3.2 of the Settlement Agreement submitted to the California Public Utilities Commission by Motion on December 20, 2019 (Settlement Agreement).¹ The Ruling requires the parties to the Settlement Agreement to provide updated versions of the appendices to the Settlement Agreement that are impacted by the adjustment specified in Article 3.2. PG&E is submitting this response (rather than all settling parties) because the response relies on PG&E's Results of Operation (RO) Model.

Article 3.2 provides:

2018 Recorded Costs

The Settling Parties agree that PG&E's 2018 capital forecast is based on PG&E's 2018 recorded capital expenditures as Cal Advocates proposed. This adjustment was included in HE-311 and HE-312, Exhibit (PG&E-32), Joint Comparison Exhibit, Vol. I and II but was not included in the settlement R.O. model. Upon final approval of this Agreement by the Commission, PG&E is authorized to update its Results of Operation Model to replace the 2018 capital forecast amounts with 2018 capital recorded amounts in its 2020 GRC final decision implementation advice letter and adjust its adopted 2020 GRC period revenue requirements accordingly.

¹ *Joint Motion of the Public Advocates Office, The Utility Reform Network, Small Business Utility Advocates, Center For Accessible Technology, The National Diversity Coalition, Coalition Of California Utility Employees, California City County Street Light Association, The Office Of The Safety Advocate And Pacific Gas and Electric Company For Approval Of Settlement Agreement* (Dec. 20, 2019).

Article 3.2 was explained in the Motion as follows:

PG&E's 2018 capital forecast is based on PG&E's 2018 recorded capital expenditures as Cal Advocates proposed. This adjustment was included in HE-311 and HE-312, Exhibit (PG&E-32), Joint Comparison Exhibit, Vol. I and II but was not included in the settlement R.O. model. Under Section 3.2 of the Agreement, upon final approval of the Agreement by the Commission, PG&E is authorized to update its Results of Operation Model to replace the 2018 capital forecast amounts with 2018 capital recorded amounts in its 2020 GRC final decision implementation advice letter and adjust its adopted 2020 GRC period revenue requirements accordingly.²

PG&E attaches to this response updated versions of Appendices A, B, C and D to the Settlement Agreement. The changes in these documents are described below:

Appendix A: Update to summary of the 2020 GRC revenue requirement increase over the 2019 authorized revenue requirement to reflect the 2018 recorded capital expenditures.

Appendix B: Cost Comparison Exhibit. 2018 capital expenditure summary table and 2018 capital expenditure comparison by major work category have been updated to reflect PG&E's 2018 recorded capital expenditures.

Appendix C: Post-Test Year Settlement Revenue Requirement Summary. 2021 and 2022 revenue requirement amounts have been updated to reflect the 2018 recorded capital expenditures.

Appendix D: Depreciation Forecast Reduction. The summary table and the detailed Results of Operations table showing the \$150 million revenue requirement reduction for depreciation in accordance with the Settlement Agreement has been updated to reflect the 2018 recorded capital expenditures.

² Joint Motion, p. 5, fn. 11.

The Settlement Results of Operation Model, with these updated amounts to reflect the 2018 recorded capital was provided to Energy Division on May 1, 2020 and is available to the parties upon request.

Respectfully Submitted,

MARY A. GANDESBERY
PETER OUBORG

By: /s/ Mary A. Gandesbery
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Dated: May 20, 2020

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

PACIFIC GAS AND ELECTRIC COMPANY

**UPDATED VERSIONS OF APPENDICES A, B, C AND D
TO RESPONSE OF PACIFIC GAS AND ELECTRIC COMPANY
(U 39 M) TO ADMINISTRATIVE LAW JUDGES' RULING**

APPENDIX A
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
RESULTS OF OPERATIONS
SUMMARY OF PROPOSED INCREASE OVER AUTHORIZED 2019
SETTLEMENT
(MILLIONS OF NOMINAL DOLLARS)

Line No.	Description	1/1/2020 Authorized Note 1	2020 PG&E Proposed (JCE)	Difference (PG&E Proposed vs. Authorized) C = (B-A)	2020 Settlement D	Difference (Settlement vs. Authorized) E = (D-A)	Difference (Settlement vs. PG&E Proposed) F = (D-B)
		A	B	C = (B-A)	D	E = (D-A)	F = (D-B)
1	Electric Distribution						
2	Operation and Maintenance	809	1,121	311	1,060	250	(61)
3	Customer Services	214	186	(28)	153	(61)	(33)
4	Administrative & General	399	579	181	530	131	(50)
5	Less: Revenue Credits (Other Operating Revenues & Wheeling)	(118)	(160)	(42)	(159)	(41)	1
6	RF&U, Other Adjs, Taxes Other than Income	86	113	27	107	21	(6)
7	Taxes: Income and Property	324	347	24	330	6	(18)
8	Depreciation, Decommissioning and Amortization	1,499	1,581	82	1,498	(1)	(83)
9	Return	1,151	1,288	137	1,281	130	(7)
10	Retail Revenue Requirement	4,364	5,057	692	4,800	436	(257)
11	Gas Distribution						
12	Operation and Maintenance	395	387	(8)	382	(13)	(5)
13	Customer Services	121	122	1	120	(1)	(2)
14	Administrative & General	270	344	73	314	44	(30)
15	Less: Revenue Credits (OORs & Wheeling)	(28)	(27)	1	(27)	1	-
16	RF&U, Other Adjs, Taxes Other than Income	55	64	9	61	6	(3)
17	Taxes: Income and Property	83	113	30	99	16	(14)
18	Depreciation, Decommissioning and Amortization	558	554	(4)	508	(50)	(47)
19	Return	508	580	72	557	49	(23)
20	Retail Revenue Requirement	1,963	2,136	174	2,013	51	(123)
21	Electric Generation						
22	Operation and Maintenance	741	635	(106)	632	(109)	(3)
23	Customer Services	3	4	1	4	1	-
24	Administrative & General	284	393	109	360	75	(34)
25	Less: Revenue Credits (OORs & Wheeling)	(6)	(9)	(3)	(9)	(3)	(0)
26	RF&U, Other Adjs, Taxes Other than Income	40	57	17	46	6	(11)
27	Taxes: Income and Property	82	139	57	136	54	(3)
28	Depreciation, Decommissioning and Amortization	620	676	57	706	86	30
29	Return	428	432	3	415	(13)	(16)
30	Retail Revenue Requirement	2,191	2,327	136	2,289	98	(38)
31	Total General Rate Case						
32	Operation and Maintenance	1,946	2,143	197	2,073	128	(70)
33	Customer Services	338	312	(26)	277	(61)	(35)
34	Administrative & General	953	1,316	363	1,203	250	(113)
35	Less: Revenue Credits (OORs & Wheeling)	(152)	(196)	(43)	(195)	(42)	1
36	RF&U, Other Adjs, Taxes Other than Income	181	234	53	214	33	(20)
37	Taxes: Income and Property	488	599	111	565	77	(34)
38	Depreciation, Decommissioning and Amortization	2,677	2,812	135	2,712	35	(100)
39	Return	2,087	2,300	213	2,253	167	(46)
39	Retail Revenue Requirement	<u>\$ 8,518</u>	<u>\$ 9,520</u>	<u>\$ 1,003</u>	<u>\$ 9,102</u>	<u>\$ 585</u>	<u>\$ (418)</u>

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),

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

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
COMPARISON EXHIBIT WITH SETTLEMENT AMOUNTS, PURSUANT TO RULE 12.1(a)
COST SUMMARY BY LINE OF BUSINESS AND COMPANYWIDE EXPENSES
(in thousands of nominal dollars)

Expense

2020

Line No.	Exhibit	PG&E Forecast (w/out Labor Escalation Adj)	PG&E Forecast (with Labor Escalation Adj)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement
1	3 Gas	\$ 374,490	\$ 374,080	\$ (24,915)	\$ (20,363)	\$ (5,000)	\$ 369,080
2	4 Electric	\$ 1,026,708	\$ 1,026,247	\$ (124,881)	\$ (178,280)	\$ (59,338)	\$ 966,909
3	5 Energy Supply	\$ 600,436	\$ 599,853	\$ (14,855)	\$ (5,694)	\$ (4,000)	\$ 595,853
4	6 Customer	\$ 312,537	\$ 312,489	\$ (25,493)	\$ (6,506)	\$ (35,000)	\$ 277,489
5	7 Shared Services/IT	\$ 557,307	\$ 557,240	\$ (34,747)	\$ (3,589)	\$ (12,510)	\$ 544,730
6	Total	\$ 2,871,478	\$ 2,869,909	\$ (224,892)	\$ (214,431)	\$ (115,848)	\$ 2,754,061

A&G Department Costs

2020

Organization	PG&E Forecast (w/out Labor Escalation Adj)	PG&E Forecast (with Labor Escalation Adj)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement
8 Human Resources	\$ 77,326	\$ 77,299	\$ (288)	\$ -	\$ (1,000)	\$ 76,096
9 Finance	\$ 62,095	\$ 62,078	\$ -	\$ -	\$ (8,997)	\$ 51,196
9 Risk and Audit	\$ 11,463	\$ 11,462	\$ -	\$ -	\$ -	\$ 11,462
9 Compliance & Ethics	\$ 7,783	\$ 7,782	\$ (266)	\$ -	\$ -	\$ 7,782
9 Regulatory Affairs	\$ 15,627	\$ 15,625	\$ -	\$ -	\$ (200)	\$ 15,385
9 Law	\$ 48,657	\$ 48,655	\$ -	\$ -	\$ -	\$ 48,655
9 Executive Offices and Corporate Secretary	\$ 6,220	\$ 6,219	\$ -	\$ -	\$ -	\$ 6,219
9 Corporate Affairs	\$ 25,233	\$ 25,232	\$ -	\$ -	\$ (300)	\$ 24,871
8 Human Resources - IT only	\$ 2,059	\$ 2,059	\$ -	\$ -	\$ -	\$ 2,059
9 Corporate Services - IT only	\$ 2,436	\$ 2,436	\$ -	\$ -	\$ -	\$ 2,436
Total	\$ 258,898	\$ 258,848	\$ (553)	\$ -	\$ (10,497)	\$ 246,160

Capital Expenditures

2018

Exhibit	PG&E Forecast	Cal Adv	TURN	Settlement Reduction	Settlement
3 Gas	\$ 929,401	\$ 929,401	\$ 968,837	\$ -	\$ 929,401
4 Electric	\$ 1,910,748	\$ 1,910,748	\$ 1,662,373	\$ -	\$ 1,910,748
5 Energy Supply	\$ 372,523	\$ 372,523	\$ 416,472	\$ -	\$ 372,523
6 Customer	\$ 155,454	\$ 155,454	\$ 142,905	\$ -	\$ 155,454
7 Shared Services/IT	\$ 539,843	\$ 539,843	\$ 543,951	\$ -	\$ 539,843
8 Human Resources	\$ 4,509	\$ 4,509	\$ 5,377	\$ -	\$ 4,509
9 A&G	\$ 5,335	\$ 5,335	\$ 6,867	\$ -	\$ 5,335
Total	\$ 3,917,814	\$ 3,917,814	\$ 3,746,783	\$ -	\$ 3,917,814

Capital Expenditures

2019

Exhibit	PG&E Forecast	Cal Adv	TURN	Settlement Reduction	Settlement
3 Gas	\$ 933,188	\$ 930,693	\$ 928,124	\$ -	\$ 933,188
4 Electric	\$ 1,958,574	\$ 1,549,620	\$ 1,758,065	\$ -	\$ 1,958,574
5 Energy Supply	\$ 372,518	\$ 372,518	\$ 347,712	\$ -	\$ 372,518
6 Customer	\$ 139,327	\$ 141,391	\$ 139,328	\$ -	\$ 139,327
7 Shared Services/IT	\$ 426,327	\$ 314,541	\$ 388,402	\$ -	\$ 426,327
8 Human Resources	\$ 1,772	\$ 1,772	\$ 1,772	\$ -	\$ 1,772
9 A&G	\$ 8,530	\$ 8,530	\$ 8,530	\$ -	\$ 8,530
Total	\$ 3,840,236	\$ 3,319,063	\$ 3,571,932	\$ -	\$ 3,840,236

Capital Expenditures

2020

Exhibit	PG&E Forecast	Cal Adv	TURN	Settlement Reduction	Settlement
3 Gas	\$ 1,022,273	\$ 936,329	\$ 927,964	\$ -	\$ 1,022,273
4 Electric	\$ 2,233,862	\$ 1,542,139	\$ 2,003,551	\$ -	\$ 2,233,862
5 Energy Supply	\$ 287,988	\$ 287,988	\$ 288,992	\$ -	\$ 287,988
6 Customer	\$ 140,225	\$ 141,741	\$ 136,152	\$ -	\$ 140,225
7 Shared Services/IT	\$ 434,997	\$ 324,764	\$ 403,827	\$ -	\$ 434,997
8 Human Resources	\$ 2,413	\$ 2,413	\$ 2,413	\$ -	\$ 2,413
9 A&G	\$ 8,322	\$ 8,322	\$ 8,322	\$ -	\$ 8,322
Total	\$ 4,130,081	\$ 3,243,697	\$ 3,771,220	\$ -	\$ 4,130,081

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
COMPARISON EXHIBIT WITH SETTLEMENT AMOUNTS, PURSUANT TO RULE 12.1(a)
COST SUMMARY BY LINE OF BUSINESS AND COMPANYWIDE EXPENSES
(in thousands of nominal dollars)

Companywide Expense Detail

2020

Companywide Expense	PG&E Forecast (w/out Labor Escalation Adj)	PG&E Forecast (with Labor Escalation Adj)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement
DOT Drug Testing	\$ 635	\$ 635	\$ -	\$ -	\$ -	\$ 635
Employee Assistance Program	\$ 2,158	\$ 2,158	\$ -	\$ -	\$ -	\$ 2,158
Employee Assistance Program (Corp)	\$ 1	\$ -	\$ -	\$ -	\$ -	\$ -
Wellness Program (Utility)	\$ 9,270	\$ 9,270	\$ -	\$ -	\$ -	\$ 9,270
Wellness Program (Corp)	\$ 6	\$ 8	\$ -	\$ -	\$ -	\$ 8
Long Term Disability	\$ 30,808	\$ 30,808	\$ -	\$ -	\$ -	\$ 30,808
LTD & STD (Pay-As-You-Go) & Leave Admin	\$ 4,479	\$ 4,479	\$ -	\$ -	\$ -	\$ 4,479
Workers Compensation	\$ 49,800	\$ 49,800	\$ -	\$ -	\$ -	\$ 49,800
LTD and STD Insurance Plan (Corp)	\$ 39	\$ 39	\$ -	\$ -	\$ -	\$ 39
PFL and STD Adjustment	\$ (16,583)	\$ (16,582)	\$ -	\$ -	\$ -	\$ (16,582)
Workforce Transition Program	\$ 18,822	\$ 18,820	\$ (5,295)	\$ -	\$ -	\$ 18,820
SRSP (Utility)	\$ 474	\$ 474	\$ (557)	\$ -	\$ -	\$ 474
DCESRP (Utility)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRSP (Corp)	\$ 15	\$ 15	\$ 4	\$ -	\$ -	\$ 15
DCESRP (Corp)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Qualified (Pay-As-You-Go) - Utility	\$ 988	\$ 988	\$ (40)	\$ -	\$ -	\$ 988
Non-Qualified (Pay-As-You-Go) - Corp	\$ 1,696	\$ 1,696	\$ (0)	\$ -	\$ -	\$ 1,696
STIP for Non-Executive (Utility)	\$ 172,900	\$ 172,883	\$ (134,066)	\$ (108,118)	\$ (88,000)	\$ 84,883
STIP for Non-Executive (Corp)	\$ 495	\$ 495	\$ (384)	\$ (309)	\$ -	\$ 495
Officer Compensation Removal (Utility)	\$ (14,369)	\$ (14,368)	\$ -	\$ -	\$ -	\$ (14,368)
Officer Compensation Removal (Corp)	\$ (4,227)	\$ (4,227)	\$ -	\$ -	\$ -	\$ (4,227)
Employee Health Care Contributions (Utility)	\$ (38,155)	\$ (38,155)	\$ -	\$ -	\$ -	\$ (38,155)
Employee Health Care Contributions (Corp)	\$ (26)	\$ (26)	\$ -	\$ -	\$ -	\$ (26)
Employee Relocation Program (Utility)	\$ 5,918	\$ 5,918	\$ 247	\$ -	\$ -	\$ 5,918
Employee Relocation Program (Corp)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adoption Reimbursement	\$ 12	\$ 12	\$ (12)	\$ -	\$ -	\$ 12
Dental Plans (Utility)	\$ 35,054	\$ 35,054	\$ -	\$ -	\$ -	\$ 35,054
Dental Plans (Corp)	\$ 24	\$ 24	\$ -	\$ -	\$ -	\$ 24
Medical (Utility)	\$ 494,856	\$ 494,856	\$ -	\$ -	\$ (1,973)	\$ 492,883
Medical (Corp)	\$ 339	\$ 339	\$ -	\$ -	\$ -	\$ 339
Post Retirement Life (Pay-As-You-Go) - Utility	\$ 3,879	\$ 3,879	\$ -	\$ -	\$ -	\$ 3,879
Post Retirement Life (Pay-As-You-Go) - Corp	\$ 4	\$ 4	\$ -	\$ -	\$ -	\$ 4
Post Retirement Medical (Pay-As-You-Go) - Utility	\$ 833	\$ 833	\$ -	\$ -	\$ -	\$ 833
Post Retirement Medical (Pay-As-You-Go) - Corp	\$ 1	\$ 1	\$ -	\$ -	\$ -	\$ 1
Post Retirement Pension (Pay-As-You-Go) - Utility	\$ 305	\$ 305	\$ -	\$ -	\$ -	\$ 305
Post Retirement Pension (Pay-As-You-Go) - Corp	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ 0
Post Retirement Trust Contributions - Medical and Life (Utility)	\$ 14,746	\$ 14,746	\$ -	\$ -	\$ -	\$ 14,746
Post Retirement Trust Contributions - Medical and Life (Corp)	\$ 71	\$ 71	\$ -	\$ -	\$ -	\$ 71
Retirement Savings Plan (Utility)	\$ 114,828	\$ 114,828	\$ -	\$ -	\$ -	\$ 114,828
Retirement Savings Plan (Corp)	\$ 138	\$ 138	\$ -	\$ -	\$ -	\$ 138
Service Awards (Utility)	\$ 872	\$ 872	\$ (872)	\$ -	\$ -	\$ 872
Vision Plans (Utility)	\$ 3,425	\$ 3,425	\$ -	\$ -	\$ -	\$ 3,425
Vision Plans (Corp)	\$ 2	\$ 2	\$ -	\$ -	\$ -	\$ 2
Emergency Childcare	\$ -	\$ -	\$ (469)	\$ -	\$ -	\$ -
Group Life Insurance Plan (Utility)	\$ 616	\$ 616	\$ -	\$ -	\$ -	\$ 616
Group Life Insurance Plan (Corp)	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ 0
Tuition Refund Program (Utility & Corp)	\$ 3,390	\$ 3,390	\$ -	\$ -	\$ -	\$ 3,390
Bank Fees (Utility)	\$ 5,492	\$ 5,492	\$ (750)	\$ -	\$ -	\$ 5,492
General Liability Insurance and Miscellaneous (Utility)	\$ 356,611	\$ 356,611	\$ -	\$ (190,365)	\$ (60,173)	\$ 296,438
General Liability Insurance and Miscellaneous (Corp)	\$ 347	\$ 347	\$ -	\$ -	\$ -	\$ 347
Directors and Officers Liability Insurance (Utility)	\$ 1,996	\$ 1,996	\$ -	\$ -	\$ -	\$ 1,996
Directors and Officers Liability Insurance (Corp)	\$ 616	\$ 616	\$ -	\$ -	\$ -	\$ 616
Nuclear Liability Insurance	\$ 1,633	\$ 1,633	\$ -	\$ -	\$ -	\$ 1,633
Nuclear Property Insurance	\$ 1,887	\$ 1,887	\$ -	\$ -	\$ -	\$ 1,887
Property Insurance (Utility)	\$ 22,704	\$ 22,704	\$ -	\$ -	\$ -	\$ 22,704
Property Insurance (Corp)	\$ 21	\$ 21	\$ -	\$ -	\$ -	\$ 21
Litigation Settlements and Judgments	\$ 20,641	\$ 20,641	\$ -	\$ -	\$ -	\$ 20,641
Third Party Claims	\$ 17,342	\$ 17,342	\$ -	\$ -	\$ -	\$ 17,342
Director Fees (Corp)	\$ 1,897	\$ 1,897	\$ -	\$ -	\$ -	\$ 1,897
Total	\$ 1,329,725	\$ 1,329,709	\$ (142,193)	\$ (298,792)	\$ (150,146)	\$ 1,179,563

Companywide Expense Summary

2020

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
COMPARISON EXHIBIT WITH SETTLEMENT AMOUNTS, PURSUANT TO RULE 12.1(a)
COST SUMMARY BY LINE OF BUSINESS AND COMPANYWIDE EXPENSES
(in thousands of nominal dollars)

133
 134
 135
 136
 137

Companywide Expense	PG&E Forecast (w/out Labor Escalation Adj)	PG&E Forecast (with Labor Escalation Adj)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement
Shared Services/IT	80,613	80,614	0	0	0	80,614
Human Resources	817,925	817,907	(141,443)	(108,427)	(89,973)	727,935
A&G	431,187	431,187	(750)	(190,365)	(60,173)	371,014
Total	\$ 1,329,725	\$ 1,329,709	\$ (142,193)	\$ (298,792)	\$ (150,146)	\$ 1,179,563

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
TEST YEAR 2020 - SUMMARY OF OPERATIONS AND MAINTENANCE EXPENSES BY MAJOR WORK CATEGORY
GAS DISTRIBUTION, ELECTRIC DISTRIBUTION, ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES AND INFORMATION TECHNOLOGY
FINAL POSITIONS
(In Thousands of 2020 Dollars)

Line No.	MWC	Major Work Category	PG&E (w/out Labor Escalation Adjustment) (B)	PG&E (with Labor Escalation Adjustment) (A)(B)	Cal Adv Reduction	TURN Reduction	Settlement Reduction (C)	Settlement Amount (with Labor Escalation Adjustment)	Settlement Notes (D)
Gas Distribution									
1	EX	G Dist Meter Protection	13,238	13,222	(6,180)	(7,515)	(5,000)	8,222	Reduction of \$5M for Gas Distribution Meter Protection
2	FI	G Dist Corrective Maint	2,669	2,666	0	-	-	2,666	Adopts PG&E's forecast
3	JQ	G Dist Integrity Mgt (Non Bal)	39,076	39,063	(6,358)	(12,848)	-	39,063	Adopts PG&E's forecast
4	FH	G Dist Preventive Maint	3,165	3,161	(1,664)	-	-	3,161	Adopts PG&E's forecast
5	GM	Manage Energy Efficiency-NonBA	3,776	3,774	-	-	-	3,774	Adopts PG&E's forecast
6	DD	Provide Field Service	43,646	43,572	-	-	-	43,572	Adopts PG&E's forecast
7	DF	G&E T&D Locate and Mark	44,013	43,953	402	-	-	43,953	Adopts PG&E's forecast
8	FH	G Dist Preventive Maint	17,077	17,056	-	-	-	17,056	Adopts PG&E's forecast
9	FI	G Dist Corrective Maint	10,420	10,410	-	-	-	10,410	Adopts PG&E's forecast
10	HY	Change/Maint Used Gas Meters	1,828	1,828	-	-	-	1,828	Adopts PG&E's forecast
11	JQ	G Dist Integrity Mgt (Non Bal)	2,480	2,480	-	-	-	2,480	Adopts PG&E's forecast
12	DG	G Dist Cathodic Protection	20,193	20,171	(6,500)	-	-	20,171	Adopts PG&E's forecast
13	FH	G Dist Preventive Maint	2,261	2,259	-	-	-	2,259	Adopts PG&E's forecast
14	FI	G Dist Corrective Maint	5,013	5,008	-	-	-	5,008	Adopts PG&E's forecast
15	DE	G Dist Leak Survey	24,356	24,329	-	-	-	24,329	Adopts PG&E's forecast
16	FI	G Dist Corrective Maint	42,212	42,167	-	-	-	42,167	Adopts PG&E's forecast
17	FG	G Dist Operate System	8,999	8,987	-	-	-	8,987	Adopts PG&E's forecast
18	GG	Gas Trans & Dist Sys Modeling	6,275	6,265	-	-	-	6,265	Adopts PG&E's forecast
19	LK	G Dist WRO - Maintenance	5,951	5,946	-	-	-	5,946	Adopts PG&E's forecast
20	AB	Misc Expense	17,286	17,278	-	-	-	17,278	Adopts PG&E's forecast
21	DN	Develop & Provide Training	4,796	4,796	-	-	-	4,796	Adopts PG&E's forecast
22	GF	Gas Trans & Dist Sys Mapping	4,276	4,269	-	-	-	4,269	Adopts PG&E's forecast
23	GZ	R&D Non-Balancing Account	3,405	3,403	-	-	-	3,403	Adopts PG&E's forecast
24	JV	Cal Adv	12,558	12,553	-	-	-	12,553	Adopts PG&E's forecast
25	OM	Operational Management	17,050	17,024	(1,969)	-	-	17,024	Adopts PG&E's forecast
26	OS	Operational Support	18,471	18,442	(2,647)	-	-	18,442	Adopts PG&E's forecast
		Total Gas Distribution	374,490	374,080	(24,915)	(20,363)	(5,000)	369,080	
Electric Distribution									
27	AB	Misc Expense	48,762	48,760	(36,644)	-	-	48,760	Adopts PG&E's forecast
28	BH	E Dist Routine Emergency	57,357	57,276	-	-	-	57,276	Adopts PG&E's forecast
29	IF	E Dist Major Emergency	33,784	33,743	-	-	-	33,743	Adopts PG&E's forecast
30	BA	E Dist Operate System	21,380	21,344	-	-	-	21,344	Adopts PG&E's forecast
31	DD	Provide Field Service	20,415	20,381	-	-	-	20,381	Adopts PG&E's forecast
32	HG	Elec Trans Ops Engr & Tech	1,673	1,672	-	-	-	1,672	Adopts PG&E's forecast
33	BF	Cal Adv	33,124	33,084	-	-	-	33,084	Adopts PG&E's forecast
34	BK	Maint Other Equip	1,664	1,662	-	-	-	1,662	Adopts PG&E's forecast
35	KA	E Dist Maint OH General	32,482	32,449	-	-	-	32,449	Adopts PG&E's forecast
36	KB	E Dist Maint UG	12,547	12,537	-	-	-	12,537	Adopts PG&E's forecast
37	KC	E Dist Maint Network	4,030	4,025	-	-	-	4,025	Adopts PG&E's forecast
38	HN	E Dist Tree Trim Bal Acct	607,392	607,351	(71,694)	(169,979)	(59,338)	548,013	Reduction of \$60M for Vegetation Management
39	GA	E T&D Maint OH Poles	13,588	13,585	-	-	-	13,585	Adopts PG&E's forecast
40	HX	E T&D Automation & Protection	2,050	2,048	-	-	-	2,048	Adopts PG&E's forecast
41	GC	E Dist Subst O&M	29,158	29,125	(2,200)	-	-	29,125	Adopts PG&E's forecast
42	FZ	E Dist Planning & Ops Engineer	17,001	16,974	(3,011)	-	-	16,974	Adopts PG&E's forecast
43	JV	Maintain IT Apps & Infra	4,347	4,345	-	-	-	4,345	Adopts PG&E's forecast
44	EV	Manage Service Inquiries	12,626	12,625	-	-	-	12,625	Adopts PG&E's forecast
45	EW	Cal Adv	8,877	8,859	-	-	-	8,859	Adopts PG&E's forecast
46	AB	Misc Expense	17,717	17,717	(2,430)	-	-	17,717	Adopts PG&E's forecast
47	GE	E Dist Mapping	5,903	5,899	(2,769)	-	-	5,899	Adopts PG&E's forecast
48	IS	Bill Customers	1,088	1,088	-	-	-	1,088	Adopts PG&E's forecast
49	OM	Operational Management	7,228	7,217	-	-	-	7,217	Adopts PG&E's forecast
50	OS	Operational Support	22,338	22,305	-	-	-	22,305	Adopts PG&E's forecast
51	HG	Elec Trans Ops Engr & Tech	9,276	9,275	(5,834)	(8,300)	-	9,275	Adopts PG&E's forecast
52	JV	Maintain IT Apps & Infra	902	901	(300)	-	-	901	Adopts PG&E's forecast
		Total Electric Distribution	1,026,708	1,026,247	(124,881)	(178,280)	(59,338)	966,909	
Energy Supply									
53	AB	Misc Expense	14,711	14,700	-	-	-	14,700	Adopts PG&E's forecast
54	AK	Manage Environmental Oper	1,946	1,946	-	-	-	1,946	Adopts PG&E's forecast
55	BP	Manage DCPD Business	14,069	14,064	-	-	-	14,064	Adopts PG&E's forecast
56	BQ	DCPD Support Services	47,894	47,828	-	-	-	47,828	Adopts PG&E's forecast
57	BR	Operate DCPD Plant	85,709	85,587	-	-	-	85,587	Adopts PG&E's forecast
58	BS	Maintain DCPD Plant Assets	103,626	103,526	-	-	-	103,526	Adopts PG&E's forecast
59	BT	Nuclear Generation Fees	15,291	15,286	-	-	-	15,286	Adopts PG&E's forecast
60	BV	Maintain DCPD Plant Configurtn	42,550	42,503	-	-	-	42,503	Adopts PG&E's forecast
61	EO	Provide Nuclear Support	61	61	-	-	-	61	Adopts PG&E's forecast
62	IG	Manage Var Bal Acct Processes	5,558	5,555	-	-	-	5,555	Adopts PG&E's forecast
63	OM	Operational Management	7,952	7,940	-	-	-	7,940	Adopts PG&E's forecast
64	OS	Operational Support	18,365	18,334	-	-	-	18,334	Adopts PG&E's forecast
65	AB	Misc Expense	6,308	6,303	(1,767)	-	-	6,303	Adopts PG&E's forecast
66	AK	Manage Environmental Oper	1,015	1,013	-	-	-	1,013	Adopts PG&E's forecast
67	AX	Maint Resv	23,707	23,691	-	-	-	23,691	Adopts PG&E's forecast
68	AY	Habitat and Species Protection	137	137	-	-	-	137	Adopts PG&E's forecast
69	EP	Manage Property & Bldgs	988	986	-	-	-	986	Adopts PG&E's forecast
70	ES	Implement Environment Projects	53	53	-	-	-	53	Adopts PG&E's forecast
71	IG	Manage Var Bal Acct Processes	5,257	5,251	(4,874)	-	-	5,251	Adopts PG&E's forecast
72	KG	Operate Hydro Generation	30,844	30,807	-	-	-	30,807	Adopts PG&E's forecast
73	KH	Maint Hydro Generating Equip	21,417	21,395	-	-	-	21,395	Adopts PG&E's forecast
74	KI	Maint Hydro Bldg	8,861	8,856	-	-	-	8,856	Adopts PG&E's forecast
75	KJ	License Compliance Hydro Gen	36,633	36,622	(3,527)	(802)	-	36,622	Adopts PG&E's forecast
76	OM	Operational Management	3,303	3,298	-	-	-	3,298	Adopts PG&E's forecast
77	OS	Operational Support	6,213	6,205	(1,607)	-	-	6,205	Adopts PG&E's forecast
78	AB	Misc Expense	55	55	-	-	-	55	Adopts PG&E's forecast
79	AK	Manage Environmental Oper	2,628	2,627	-	-	-	2,627	Adopts PG&E's forecast
80	KK	Operate Fossil Generation	12,846	12,834	(897)	(897)	-	12,834	Adopts PG&E's forecast
81	KL	Maint Fossil Generating Equip	30,809	30,785	-	(1,600)	-	30,785	Adopts PG&E's forecast
82	KM	Maint Fossil Bldg	2,931	2,931	(623)	(623)	-	2,931	Adopts PG&E's forecast
83	KQ	Operate Alternative Gen	827	826	-	-	-	826	Adopts PG&E's forecast
84	KR	Maint AltGen Generating Equip	3,322	3,322	(1,166)	(1,522)	-	3,322	Adopts PG&E's forecast
85	KS	Maint AltGen Bldg	505	505	-	-	-	505	Adopts PG&E's forecast
86	OM	Operational Management	273	273	-	-	-	273	Adopts PG&E's forecast
87	OS	Operational Support	1,063	1,061	(395)	-	-	1,061	Adopts PG&E's forecast

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
TEST YEAR 2020 - SUMMARY OF OPERATIONS AND MAINTENANCE EXPENSES BY MAJOR WORK CATEGORY
GAS DISTRIBUTION, ELECTRIC DISTRIBUTION, ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES AND INFORMATION TECHNOLOGY
FINAL POSITIONS
(In Thousands of 2020 Dollars)

Line No.	MWC	Major Work Category	PG&E (w/out Labor Escalation Adjustment) (B)	PG&E (with Labor Escalation Adjustment) (A)(B)	Cal Adv Reduction	TURN Reduction	Settlement Reduction (C)	Settlement Amount (with Labor Escalation Adjustment)	Settlement Notes (D)
88	AB	Misc Expense	541	541	-	-	(53)	488	Reduction of \$4M for Energy Policy & Procurement
89	CT	Acq & Manage Elect Supply	25,787	25,785	0	-	(2,540)	23,244	Reduction of \$4M for Energy Policy & Procurement
90	CV	Acq & Manage Gas Supply	2,318	2,314	-	-	(228)	2,086	Reduction of \$4M for Energy Policy & Procurement
91	CY	Manage Electric Grid Ops	11,960	11,944	-	-	(1,178)	10,765	Reduction of \$4M for Energy Policy & Procurement
92	JV	Maintain IT Apps & Infra	2,104	2,103	-	(249)	-	2,103	Adopts PG&E's forecast
		Total Energy Supply	600,436	599,853	(14,855)	(5,694)	(4,000)	595,853	
Customer Care									
93	DK	Manage Customer Inquiries	928	928	-	-	-	928	Adopts PG&E's forecast
94	EL	Develop New Revenue	24,628	24,621	-	-	-	24,621	Adopts PG&E's forecast
									Reduction of \$175,000 for AB 802 Benchmarking per stipulation between TURN and PG&E, reflected in "PG&E" columns in this table
95	EZ	Manage Var Cust Care Processes	4,632	4,632	175	(139)	-	4,632	Adopts PG&E's forecast
96	FK	Retain & Grow Customers	878	878	(878)	(878)	-	878	Adopts PG&E's forecast
97	GM	Manage Energy Efficiency-NonBA	699	699	-	-	-	699	Adopts PG&E's forecast
98	IV	Provide Account Services	17,162	17,161	-	-	-	17,161	Adopts PG&E's forecast
									Reduction of \$1.5M for Non-Residential Rates implementation per stipulation between TURN and PG&E, reflected in "PG&E" columns in this table. Reduction of \$31M for Customer Care Rate Reform
99	EZ	Manage Var Cust Care Processes	48,953	48,950	(29,383)	(1,900)	(31,000)	17,951	and Statewide Marketing
100	GM	Manage Energy Efficiency-NonBA	7,935	7,935	0	(1,000)	-	7,935	Adopts PG&E's forecast
101	DK	Manage Customer Inquiries	57,682	57,677	-	-	-	57,677	Adopts PG&E's forecast
102	IS	Bill Customers	260	260	-	-	-	260	Adopts PG&E's forecast
									Reduction of \$2.3M for Salesforce Ph 2&3 2020 expense per stipulation between TURN and PG&E, reflected in "PG&E" columns in this table
103	JV	Maintain IT Apps & Infra	3,746	3,746	2,254	(489)	-	3,746	Adopts PG&E's forecast
104	DK	Manage Customer Inquiries	1,888	1,888	(3)	-	-	1,888	Adopts PG&E's forecast
105	EZ	Manage Var Cust Care Processes	6,689	6,689	(16)	-	-	6,689	Adopts PG&E's forecast
106	IU	Collect Revenue	10,727	10,727	(17)	-	-	10,727	Adopts PG&E's forecast
107	AR	Read & Investigate Meters	9,985	9,984	-	(2,100)	-	9,984	Adopts PG&E's forecast
108	DD	Provide Field Service	688	687	-	-	-	687	Adopts PG&E's forecast
109	EY	Change/Maint Used Elec Meter	8,812	8,800	-	-	-	8,800	Adopts PG&E's forecast
110	EZ	Manage Var Cust Care Processes	220	220	-	-	-	220	Adopts PG&E's forecast
111	HY	Change/Maint Used Gas Meters	6,648	6,637	-	-	-	6,637	Adopts PG&E's forecast
112	IU	Collect Revenue	1,307	1,307	-	-	-	1,307	Adopts PG&E's forecast
113	AR	Read & Investigate Meters	758	758	-	-	-	758	Adopts PG&E's forecast
114	EZ	Manage Var Cust Care Processes	2,075	2,075	-	-	-	2,075	Adopts PG&E's forecast
115	IS	Bill Customers	54,645	54,642	2,374	-	-	54,642	Adopts PG&E's forecast
116	IT	Manage Credit	15,239	15,238	-	-	-	15,238	Adopts PG&E's forecast
117	IU	Collect Revenue	10,253	10,252	-	-	(1,200)	9,052	Reduction of \$1.2M for Collect Revenue
118	EZ	Manage Var Cust Care Processes	7,860	7,859	-	-	-	7,859	Adopts PG&E's forecast
119	OM	Operational Management	6,933	6,932	-	-	(2,800)	4,132	Reduction of \$2.8M for Operation Management
120	OS	Operational Support	308	308	-	-	-	308	Adopts PG&E's forecast
		Total Customer Care	312,537	312,489	(25,493)	(6,506)	(35,000)	277,489	
Shared Services and Information Technology									
121	AB	Misc Expense	9,828	9,827	-	-	-	9,827	Adopts PG&E's forecast
122	FL	Safety Engineering & OSHA Cmpl	17,428	17,427	-	-	-	17,427	Adopts PG&E's forecast
123	JV	Maintain IT Apps & Infra	188	188	-	-	-	188	Adopts PG&E's forecast
124	KX	Prov Human Resource Svcs	5,807	5,806	-	-	-	5,806	Adopts PG&E's forecast
125	AB	Misc Expense	86,195	86,170	(22,497)	-	-	86,170	Adopts PG&E's forecast
126	BP	Manage DCCP Business	5,362	5,359	-	(1,300)	-	5,359	Adopts PG&E's forecast
127	JV	Maintain IT Apps & Infra	16	16	-	-	-	16	Adopts PG&E's forecast
128	AB	Misc Expense	1,604	1,604	-	-	-	1,604	Adopts PG&E's forecast
129	JL	Procure Materials & Services	16,574	16,573	(400)	-	-	16,573	Adopts PG&E's forecast
130	JV	Maintain IT Apps & Infra	36	36	-	-	-	36	Adopts PG&E's forecast
131	OS	Operational Support	6,697	6,689	-	-	-	6,689	Adopts PG&E's forecast
132	AB	Misc Expense	(65,891)	(65,890)	(4,848)	-	-	-65,890	Adopts PG&E's forecast
133	BI	Maint Buildings	4,004	4,004	(1,749)	-	-	4,004	Adopts PG&E's forecast
134	EP	Manage Property & Bldgs	111,813	111,811	(1,850)	-	(4,814)	106,997	Reduction of \$4M for Corporate Real Estate; (C)
135	JH	Implement RealEstate Strategy	8,183	8,183	(3,238)	-	-	8,183	Adopts PG&E's forecast
136	JV	Maintain IT Apps & Infra	1,420	1,420	(165)	-	-	1,420	Adopts PG&E's forecast
137	AB	Misc Expense	1,455	1,455	-	-	-	1,455	Adopts PG&E's forecast
138	AK	Manage Environmental Oper	8,291	8,287	-	-	-	8,287	Adopts PG&E's forecast
139	AY	Habitat and Species Protection	148	148	-	-	-	148	Adopts PG&E's forecast
140	CR	Mnge Waste Disp & Transp	2,205	2,205	-	-	-	2,205	Adopts PG&E's forecast
141	ES	Implement Environment Projects	699	699	-	-	-	699	Adopts PG&E's forecast
142	JE	Manage Land Services	3,462	3,460	-	-	-	3,460	Adopts PG&E's forecast
143	JK	Manage Environ Remed (Earning)	1,974	1,974	-	-	-	1,974	Adopts PG&E's forecast
144	JV	Maintain IT Apps & Infra	16	16	-	-	-	16	Adopts PG&E's forecast
145	KY	Prov Regulation Svcs	1,465	1,465	-	-	-	1,465	Adopts PG&E's forecast
146	OM	Operational Management	201	201	-	-	-	201	Adopts PG&E's forecast
147	OS	Operational Support	427	427	-	-	-	427	Adopts PG&E's forecast
148	AB	Misc Expense	15,576	15,575	-	-	-	15,575	Adopts PG&E's forecast
149	JV	Maintain IT Apps & Infra	2,650	2,650	-	-	-	2,650	Adopts PG&E's forecast
150	AB	Misc Expense	(34,886)	(34,884)	-	-	-	-34,884	Adopts PG&E's forecast
151	JV	Maintain IT Apps & Infra	294,194	294,174	-	(2,290)	(7,697)	286,478	Reduction of \$6.5M for Information Technology; (C)
152	OM	Operational Management	521	521	-	-	-	521	Adopts PG&E's forecast
153	OS	Operational Support	609	612	-	-	-	612	Adopts PG&E's forecast
154	JV	Maintain IT Apps & Infra	32,512	32,511	-	-	-	32,511	Adopts PG&E's forecast
155	KZ	Prov Risk/Security Svcs	15,055	15,055	-	-	-	15,055	Adopts PG&E's forecast
156	OM	Operational Management	1,469	1,469	-	-	-	1,469	Adopts PG&E's forecast
		Total Shared Services and IT	557,307	557,240	(34,747)	(3,589)	(12,510)	544,730	
157	Total		2,871,478	2,869,909	(224,892)	(214,431)	(115,848)	2,754,061	

Notes:

- (A) Updated labor escalation rates to reflect ratified union agreements included in the Results of Operations (RO) model. This change is reflected in HE-312: Exhibit (PG&E-32), Joint Comparison Exhibit, Vol. II, Chapters 4 and 5. For additional information on the labor escalation rate changes, see HE-310: Exhibit (PG&E-33), Update Testimony.
- (B) Includes forecast updates, concessions, errata and stipulations as filed in the Joint Comparison Exhibit (PG&E-32) on November 1, 2019.
- (C) Settlement reduction includes A&G amounts adjusted to reflect total company; for revenue requirement purposes 83.09% is allocated to the GRC.
- (D) Reduction amounts referenced represent revenue requirements

PG&E Exh & Chapter	Issue	MWC	PG&E's Original Forecast	TURN's Proposed Reduction	PG&E and TURN Stipulation Reduction	Stipulation Forecast	Settlement Forecast	Notes
Customer (PG&E-6 Ch2)	AB 802 Benchmarking	EZ	\$4,807,000	-\$314,000	-\$175,000	\$4,632,000	\$4,632,000	Reduction of \$175,000 for AB 802 Benchmarking in Stipulation Forecast (also reflected in PG&E's JCE forecast).
Customer (PG&E-6 Ch3)	Manage Var Cust Care Processes	EZ	\$50,453,000	-\$3,400,000	-\$1,500,000	\$48,953,000	\$17,951,000	Reduction of \$1.5M for Non-Residential Rates implementation in Stipulation Forecast (also reflected in PG&E's JCE forecast). Additional reduction of \$31M for Customer Care Rate Reform and Statewide Marketing from Settlement Forecast.
Customer (PG&E-6 Ch4)	Maintain IT Apps & Infra	JV	\$6,000,000	-\$2,743,000	-\$2,254,000	\$3,746,000	\$3,746,000	Reduction of \$2.3M for Salesforce Ph 2&3 2020 expense in Stipulation Forecast (also reflected in PG&E's JCE forecast).
Customer (PG&E-6 Ch4)	Build IT Apps & Infra	2F	\$8,241,000	-\$5,589,000	-\$1,515,000	\$6,726,000	\$6,726,000	Reduction of \$1.5M for Salesforce Ph 2&3 2020 capital per in Stipulation Forecast (also reflected in PG&E's JCE forecast).

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
SUMMARY OF ADMINISTRATIVE AND GENERAL EXPENSES - TEST YEAR 2020
CORPORATE SERVICES ORGANIZATION AND COMPANYWIDE EXPENSES
FINAL POSITIONS
(In Thousands of Nominal Dollars)

				Total Company Gross Amount						GRC Net Amount (83.09% of Total Company)				
				PG&E (w/out Labor Escalation Adjustment) (B)	PG&E (with Labor Escalation Adjustment) (A)(B)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	PG&E (w/out Labor Escalation Adjustment) (B)	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	Settlement Notes (C)	
Line No.	Exhibit	Chapter	Corporate Services Organization											
1	8	Various	Human Resources	77,326	77,299	(288)	-	(1,203)	76,096	64,253	(1,000)	63,253	GRC RRQ Reduction of \$1M for customer affordability	
2	9	2	Finance	62,095	62,078	-	-	(10,883)	51,196	51,597	(8,997)	42,600	GRC RRQ Reduction of \$9M for general customer affordability	
3	9	3	Risk and Audit	11,463	11,462	-	-	-	11,462	9,525	-	9,525	Adopts PG&E's forecast	
4	9	4	Compliance & Ethics	7,783	7,782	(266)	-	-	7,782	6,467	-	6,467	Adopts PG&E's forecast	
5	9	5	Regulatory Affairs	15,627	15,625	-	-	(241)	15,385	12,985	(200)	12,785	GRC RRQ Reduction of \$0.2M for general customer affordability	
6	9	6	Law	48,657	48,655	-	-	-	48,655	40,431	-	40,431	Adopts PG&E's forecast	
7	9	7	Executive Offices and Corporate Secretary	6,220	6,219	-	-	-	6,219	5,168	-	5,168	Adopts PG&E's forecast	
8	9	8	Corporate Affairs	25,233	25,232	-	-	(361)	24,871	20,967	(300)	20,667	GRC RRQ Reduction of \$0.3M for general customer affordability	
10	10	7	Corporate Service Capitalization - Labor							(17,226)	-	(17,226)	Adopts PG&E's forecast	
11	10	7	Corporate Service Capitalization - M&S							(574)	-	(574)	Adopts PG&E's forecast	
12			Total Corporate Services Organization	254,403	254,353	(553)	-	(12,688)	241,665	193,594	(10,497)	183,097		

Line No.	Exhibit	Chapter		PG&E (w/out Labor Escalation Adjustment) (B)	PG&E (with Labor Escalation Adjustment) (A)(B)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	PG&E (w/out Labor Escalation Adjustment) (B)	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	Settlement Notes
13	8	Various	Human Resources	2,059	2,059	-	-	-	2,059	1,711	0	1,711	Adopts PG&E's forecast
14	9	2	Finance	1,211	1,211	-	-	-	1,211	1,006	0	1,006	Adopts PG&E's forecast
15	9	3	Risk and Audit	249	249	-	-	-	249	207	0	207	Adopts PG&E's forecast
16	9	4	Compliance & Ethics	475	475	-	-	-	475	395	0	395	Adopts PG&E's forecast
17	9	5	Regulatory Affairs	396	396	-	-	-	396	329	0	329	Adopts PG&E's forecast
18	9	6	Law	4	4	-	-	-	4	3	0	3	Adopts PG&E's forecast
19	9	7	Executive Offices and Corporate Secretary	-	-	-	-	-	-	-	0	-	Adopts PG&E's forecast
20	9	8	Corporate Affairs	101	101	-	-	-	101	84	0	84	Adopts PG&E's forecast
22			Total IT Expense	4,495	4,495	-	-	-	4,495	3,735	-	3,735	

Line No.	Exhibit	Chapter		PG&E (w/out Labor Escalation Adjustment) (B)	PG&E (with Labor Escalation Adjustment) (A)(B)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	PG&E (w/out Labor Escalation Adjustment) (B)	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	Settlement Notes
23	8	Various	Human Resources	79,385	79,358	(288)	-	(1,203)	78,155	65,964	(1,000)	64,964	GRC RRQ Reduction of \$1M for customer affordability
24	9	2	Cal Adv	63,306	63,289	-	-	(10,883)	52,407	52,604	(8,997)	43,607	GRC RRQ Reduction of \$9M for general customer affordability
25	9	3	Risk and Audit	11,712	11,711	-	-	-	11,711	9,732	-	9,732	Adopts PG&E's forecast
26	9	4	Compliance & Ethics	8,258	8,257	(266)	-	-	8,257	6,862	-	6,862	Adopts PG&E's forecast
27	9	5	Regulatory Affairs	16,023	16,021	-	-	(241)	15,780	13,314	(200)	13,114	GRC RRQ Reduction of \$0.2M for general customer affordability
28	9	6	Law	48,661	48,659	-	-	-	48,659	40,434	-	40,434	Adopts PG&E's forecast
29	9	7	Executive Offices and Corporate Secretary	6,220	6,219	-	-	-	6,219	5,168	-	5,168	Adopts PG&E's forecast
30	9	8	Corporate Affairs	25,334	25,333	-	-	(361)	24,972	21,051	(300)	20,751	GRC RRQ Reduction of \$0.3M for general customer affordability
32			Corporate Service Capitalization - Labor	-	-	-	-	-	-	(17,226)	-	(17,226)	Adopts PG&E's forecast
33			Corporate Service Capitalization - M&S	-	-	-	-	-	-	(574)	-	(574)	Adopts PG&E's forecast
34			Total IT Expense	258,698	258,848	(553)	-	(12,688)	246,160	197,329	(10,497)	190,567	

Line No.	Exhibit	Chapter		PG&E (w/out Labor Escalation Adjustment) (B)	PG&E (with Labor Escalation Adjustment) (A)(B)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	PG&E (w/out Labor Escalation Adjustment) (B)	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	Settlement Notes
32	7	1	DOT Drug Testing	635	635	-	-	-	635	293	-	293	Adopts PG&E's forecast
33	7	1	Employee Assistance Program	2,158	2,158	-	-	-	2,158	934	-	934	Adopts PG&E's forecast
34	7	1	Employee Assistance Program (Corp)	1	1	-	-	-	-	-	-	-	Adopts PG&E's forecast
35	7	1	Wellness Program (Utility)	9,270	9,270	-	-	-	9,270	4,011	-	4,011	Adopts PG&E's forecast
36	7	1	Wellness Program (Corp)	6	8	-	-	-	8	5	-	5	Adopts PG&E's forecast
37	7	1A	Long Term Disability	30,808	30,808	-	-	-	30,808	14,198	-	14,198	Adopts PG&E's forecast
38	7	1A	LTD & STD (Pay-As-You-Go) & Leave Admin	4,479	4,479	-	-	-	4,479	1,938	-	1,938	Adopts PG&E's forecast
39	7	1A	Workers Compensation	49,800	49,800	-	-	-	49,800	22,951	-	22,951	Adopts PG&E's forecast
40	7	1A	LTD and STD Insurance Plan (Corp)	39	39	-	-	-	39	24	-	24	Adopts PG&E's forecast
41	7	1A	PFL and STD Adjustment	(16,583)	(16,582)	-	-	-	(16,582)	(7,688)	-	(7,688)	Adopts PG&E's forecast
42	8	3	Workforce Transition Program	18,822	18,820	(5,295)	-	-	18,820	15,640	-	15,640	Adopts PG&E's forecast
43	8	4	Cal Adv	474	474	(557)	-	-	474	219	-	219	Adopts PG&E's forecast
44	8	4	DCESRP (Utility)	-	-	-	-	-	-	9	-	9	Adopts PG&E's forecast
45	8	4	SRSP (Corp)	15	15	4	-	-	15	9	-	9	Adopts PG&E's forecast
46	8	4	DCESRP (Corp)	-	-	-	-	-	-	-	-	-	Adopts PG&E's forecast
47	8	4	Non-Qualified (Pay-As-You-Go) - Utility	988	988	(40)	-	-	988	455	-	455	Adopts PG&E's forecast
48	8	4	Non-Qualified (Pay-As-You-Go) - Corp	1,696	1,696	(0)	-	-	1,696	1,055	-	1,055	Adopts PG&E's forecast
49	8	4	STIP for Non-Executive (Utility)	172,900	172,883	(134,066)	(108,118)	(88,000)	84,883	85,321	(43,430)	41,892	GRC RRQ Reduction of \$41.6M for STIP
50	8	4	STIP for Non-Executive (Corp)	495	495	(384)	(309)	-	495	308	-	308	Adopts PG&E's forecast
51	8	4A	Officer Compensation Removal (Utility)	(14,369)	(14,368)	-	-	-	(14,368)	(8,984)	-	(8,984)	Adopts PG&E's forecast
52	8	4A	Officer Compensation Removal (Corp)	(4,227)	(4,227)	-	-	-	(4,227)	(3,512)	-	(3,512)	Adopts PG&E's forecast
53	8	5	Employee Health Care Contributions (Utility)	(38,155)	(38,155)	-	-	-	(38,155)	(16,507)	-	(16,507)	Adopts PG&E's forecast
54	8	5	Employee Health Care Contributions (Corp)	(26)	(26)	-	-	-	(26)	(16)	-	(16)	Adopts PG&E's forecast
55	8	5	Employee Relocation Program (Utility)	5,918	5,918	247	-	-	5,918	2,560	-	2,560	Adopts PG&E's forecast
56	8	5	Employee Relocation Program (Corp)	-	-	-	-	-	-	-	-	-	Adopts PG&E's forecast
57	8	5	Adoption Reimbursement	12	12	(12)	-	-	12	5	-	5	Adopts PG&E's forecast
58	8	5	Dental Plans (Utility)	35,054	35,054	-	-	-	35,054	15,165	-	15,165	Adopts PG&E's forecast
59	8	5	Dental Plans (Corp)	24	24	-	-	-	24	15	-	15	Adopts PG&E's forecast
60	8	5	Medical (Utility)	494,856	494,856	-	-	(1,973)	492,883	214,089	(853)	213,235	GRC RRQ Reduction of \$1M for medical expense
61	8	5	Medical (Corp)	339	339	-	-	-	339	211	-	211	Adopts PG&E's forecast
62	8	5	Post Retirement Life (Pay-As-You-Go) - Utility	3,879	3,879	-	-	-	3,879	1,788	-	1,788	Adopts PG&E's forecast
63	8	5	Post Retirement Life (Pay-As-You-Go) - Corp	4	4	-	-	-	4	2	-	2	Adopts PG&E's forecast
64	8	5	Post Retirement Medical (Pay-As-You-Go) - Utility	833	833	-	-	-	833	384	-	384	Adopts PG&E's forecast
65	8	5	Post Retirement Medical (Pay-As-You-Go) - Corp	1	1	-	-	-	1	0	-	0	Adopts PG&E's forecast
66	8	5	Post Retirement Pension (Pay-As-You-Go) - Utility	305	305	-	-	-	305	140	-	140	Adopts PG&E's forecast
67	8	5	Post Retirement Pension (Pay-As-You-Go) - Corp	0	0	-	-	-	0	0	-	0	Adopts PG&E's forecast
68	8	5	Post Retirement Trust Contributions - Medical and Life (Utility)	14,746	14,746	-	-	-	14,746	(11,840)	-	(11,840)	Adopts PG&E's forecast
69	8	5	Post Retirement Trust Contributions - Medical and Life (Corp)	71	71	-	-	-	71	44	-	44	Adopts PG&E's forecast
70	8	5	Retirement Savings Plan (Utility)	114,828	114,828	-	-	-	114,828	49,678	-	49,678	Adopts PG&E's forecast
71	8	5	Retirement Savings Plan (Corp)	138	138	-	-	-	138	86	-	86	Adopts PG&E's forecast
72	8	5	Service Awards (Utility)	872	872	(872)	-	-	872	377	-	377	Adopts PG&E's forecast
73	8	5	Vision Plans (Utility)	3,425	3,425	-	-	-	3,425	1,482	-	1,482	Adopts PG&E's forecast
74	8	5	Vision Plans (Corp)	2	2	-	-	-	2	1	-	1	Adopts PG&E's forecast
75	8	5	Emergency Childcare	-	-	(469)	-	-	-	-	-	-	Adopts PG&E's forecast
76	8	5	Group Life Insurance Plan (Utility)	616	616	-	-	-	616	266	-	266	Adopts PG&E's forecast
77	8	5	Group Life Insurance Plan (Corp)	0	0	-	-	-	0	0	-	0	Adopts PG&E's forecast
78	8	6	Tuition Refund Program (Utility & Corp)	3,390	3,390	-	-	-	3,390	1,467	-	1,467	Adopts PG&E's forecast
79	9	2	Bank Fees (Utility)	5,492	5,492	(750)	-	-	5,492	4,564	-	4,564	Adopts PG&E's forecast
80	9	3	General Liability Insurance and Miscellaneous (Utility)	356,611	356,611	-	(190,365)	(60,173)	296,438	296,321	(50,000)	246,321	GRC RRQ Reduction of \$50M for liability insurance
81	9	3	General Liability Insurance and Miscellaneous (Corp)	347	347	-	-	-	347	288	-	288	Adopts PG&E's forecast
82	9	3	Directors and Officers Liability Insurance (Utility)	1,996	1,996	-	-	-	1,996	1,659	-	1,659	Adopts PG&E's forecast
83	9	3	Directors and Officers Liability Insurance (Corp)	616	616	-	-	-	616	512	-	512	Adopts PG&E's forecast
84	9	3	Nuclear Liability Insurance	1,633	1,633	-	-	-	1,633	1,633	-	1,633	Adopts PG&E's forecast
85	9	3	Nuclear Property Insurance	1,887	1,887	-	-	-	1,887	1,887	-	1,887	Adopts PG&E's forecast
86	9	3	Property Insurance (Utility)	22,704	22,704	-	-	-	22,704	18,865	-	18,865	Adopts PG&E's forecast
87	9	3	Property Insurance (Corp)	21	21	-	-	-	21	17	-	17	Adopts PG&E's forecast
88	9	6	Litigation Settlements and Judgments	20,641	20,641	-	-	-	20,641	17,152	-	17,152	Adopts PG&E's forecast
89	9	6	Third Party Claims	17,342	17,342	-	-	-	17,342	11,827	-	11,827	Adopts PG&E's forecast
90	9	7	Director Fees (Corp)	1,897	1,897	-	-	-	1,897	1,576	-	1,576	Adopts PG&E's forecast

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
SUMMARY OF ADMINISTRATIVE AND GENERAL EXPENSES - TEST YEAR 2020
CORPORATE SERVICES ORGANIZATION AND COMPANYWIDE EXPENSES
FINAL POSITIONS
(In Thousands of Nominal Dollars)

Line No.	Exhibit	Chapter	Corporate Services Organization	Total Company Gross Amount						GRC Net Amount (83.09% of Total Company)			Settlement Notes (C)
				PG&E (w/out Labor Escalation Adjustment) (B)	PG&E (with Labor Escalation Adjustment) (A)(B)	Cal Adv Reduction	TURN Reduction	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	PG&E (w/out Labor Escalation Adjustment) (B)	Settlement Reduction	Settlement Amount (with Labor Escalation Adjustment)	
91	10	7	Meals & Entertainment Adjustment							(181)		(181)	Adopts PG&E's forecast
92			Total Companywide Expense	1,329,725	1,329,709	(142,193)	(298,792)	(150,146)	1,179,563	742,695	(94,283)	648,412	
93			TOTAL A&G EXPENSE	1,588,624	1,588,657	(142,747)	(298,792)	(162,834)	1,425,723	940,024	(104,780)	838,979	

Notes:

- (A) Updated labor escalation rates to reflect ratified union agreements included in the Results of Operations (RO) model. This change is reflected in HE-312: Exhibit (PG&E-32), Joint Comparison Exhibit, Vol. II, Chapters 4 and 5. For additional information on the labor escalation rate changes, see HE-310: Exhibit (PG&E-33), Update Testimony.
- (B) Includes forecast updates, concessions, errata and stipulations as filed in the Joint Comparison Exhibit (PG&E-32) on November 1, 2019.
- (C) Reduction amounts referenced represent revenue requirements

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE APPLICATION
TEST YEAR 2020 - SUMMARY OF CAPITAL FORECASTS BY MAJOR WORK CATEGORY
GAS DISTRIBUTION, ELECTRIC DISTRIBUTION ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES & IT, HUMAN RESOURCES, A&G
FINAL POSITIONS
(In Thousands of 2020 SAP Dollars)

Line No.	MWC	PG&E Exh-Ch	Major Work Category	PG&E (A)	Cal Advocates	Difference (PG&E - Cal Adv)	TURN	Difference (PG&E - TURN)	Settlement Amount	Settlement Notes
Gas Distribution										
1	14	3-4	G Dist Pipeline Repl Program	454,959	383,157	71,802	383,156	71,803	454,959	Adopts PG&E's forecast
2	27	3-4	Gas Meter Protection-Capital	21,881	21,881	0	13,202	8,679	21,881	Adopts PG&E's forecast
3	50	3-4	G Dist Reliability General	107,293	107,293	0	107,293	0	107,293	Adopts PG&E's forecast
4	31	3-5	NGV - Station Infrastructure	4,117	4,117	0	4,117	0	4,117	Adopts PG&E's forecast
5	50	3-5	G Dist Reliability General	67,232	53,404	13,828	53,404	13,828	67,232	Adopts PG&E's forecast
6	2K	3-5	G Dist Repl/Convert Cust HPR	59,756	59,756	0	59,756	0	59,756	Adopts PG&E's forecast
7	74	3-6	Install New Gas Meters	1,966	1,966	0	1,966	0	1,966	Adopts PG&E's forecast
8	50	3-7	G Dist Reliability General	18,577	18,577	0	18,577	0	18,577	Adopts PG&E's forecast
9	50	3-8	G Dist Reliability General	38,320	38,320	0	38,320	(0)	38,320	Adopts PG&E's forecast
10	52	3-8	G Dist Leak Repl/Emergency	892	892	0	892	0	892	Adopts PG&E's forecast
11	47	3-9	G Dist Capacity	39,394	39,394	0	39,394	0	39,394	Adopts PG&E's forecast
12	4A	3-9	G Dist Ctrl Operations Assets	30,085	30,085	0	30,085	0	30,085	Adopts PG&E's forecast
13	29	3-10	G Dist Customer Connects	87,263	87,263	0	87,263	0	87,263	Adopts PG&E's forecast
14	51	3-10	G Dist WRO	75,375	75,060	315	75,375	0	75,375	Adopts PG&E's forecast
15	5	3-11	Tools & Equipment	3,378	3,378	0	3,378	(0)	3,378	Adopts PG&E's forecast
16	21	3-11	Misc Capital	0	0	0	0	0	0	Adopts PG&E's forecast
17	78	3-11	Manage Buildings	0	0	0	0	0	0	Adopts PG&E's forecast
18	2F	3-11	Build IT Apps & Infra	11,786	11,786	0	11,786	0	11,786	Adopts PG&E's forecast
19			Total Gas Distribution	1,022,273	936,329	85,944	927,964	94,310	1,022,273	
Electric Distribution										
20	21	4-3	Misc Capital	11,687	1,187	10,500	11,687	0	11,687	Adopts PG&E's forecast
21	17	4-4	E Dist Routine Emergency	185,360	150,195	35,165	185,360	0	185,360	Adopts PG&E's forecast
22	95	4-4	E Dist Major Emergency	55,639	48,967	6,672	55,639	0	55,639	Adopts PG&E's forecast
23	63	4-5	E T&D Control System/ Facility	328	328	0	328	(0)	328	Adopts PG&E's forecast
24	2F	4-5	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
25	2A	4-6	E Dist Inst/Repl OH General	193,646	142,500	51,146	135,053	58,593	193,646	Adopts PG&E's forecast
26	2B	4-6	E Dist Inst/Repl UG	57,803	57,803	0	57,803	0	57,803	Adopts PG&E's forecast
27	2C	4-6	E Dist Inst/Repl Network	19,454	19,454	0	19,454	0	19,454	Adopts PG&E's forecast
28	7	4-8	E Dist Inst/Repl OH Poles	109,365	109,365	0	109,365	0	109,365	Adopts PG&E's forecast
29	8	4-9	E Dist Replace OH Asset	545,050	40,656	504,394	403,282	141,768	545,050	Adopts PG&E's forecast
30	49	4-9	E Dist Reliability Ckt/Zone	35,757	22,910	12,847	35,757	0	35,757	Adopts PG&E's forecast
31	2F	4-9	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
32	9	4-10	E Dist Automation & Protection	34,184	34,184	0	34,184	0	34,184	Adopts PG&E's forecast
33	56	4-11	E Dist Replace UG Asset-Gen	99,742	99,742	0	99,742	0	99,742	Adopts PG&E's forecast
34	48	4-12	E Dist Subst Repl Other Equip	49,903	49,903	0	49,903	0	49,903	Adopts PG&E's forecast
35	54	4-12	E Dis Subst Repl Transformer	5,568	5,568	0	5,568	0	5,568	Adopts PG&E's forecast
36	58	4-12	E Dist Repl Substation Safety	4,656	4,656	0	4,656	0	4,656	Adopts PG&E's forecast
37	59	4-12	E Dist Subst Emergency Repl	63,241	63,241	0	63,241	0	63,241	Adopts PG&E's forecast
38	6	4-13	E Dist Line Capacity	91,705	91,705	0	87,607	4,098	91,705	Adopts PG&E's forecast
39	46	4-13	E Dist Subst Capacity	34,016	34,016	0	26,695	7,321	34,016	Adopts PG&E's forecast
40	2F	4-15	Build IT Apps & Infra	13,650	13,650	0	13,650	0	13,650	Adopts PG&E's forecast
41	10	4-16	E Dist WRO General	122,727	92,398	30,329	122,727	0	122,727	Adopts PG&E's forecast
42	16	4-16	E Dist Customer Connects	455,093	432,162	22,931	455,093	0	455,093	Adopts PG&E's forecast
43	30	4-17	E Dist WRO Rule 20A	33,756	33,756	0	46,624	(12,868)	33,756	Adopts PG&E's forecast
44	5	4-18	Tools & Equipment	7,466	7,466	0	7,466	0	7,466	Adopts PG&E's forecast
45	21	4-18	Misc Capital	(36,989)	(36,989)	0	(36,989)	0	(36,989)	Adopts PG&E's forecast
46	63	4-19	E T&D Control System/ Facility	36,957	19,218	17,739	5,558	31,399	36,957	Adopts PG&E's forecast
47	2F	4-19	Build IT Apps & Infra	4,096	4,096	0	4,096	0	4,096	Adopts PG&E's forecast
			Total Electric Distribution	2,233,862	1,542,139	691,723	2,003,551	230,311	2,233,862	
Energy Supply										
48	3	5-3	Office Furniture & Equipment	100	100	0	100	0	100	Adopts PG&E's forecast
49	5	5-3	Tools & Equipment	644	644	0	644	0	644	Adopts PG&E's forecast
50	20	5-3	DCPP Capital	42,137	42,137	0	42,137	0	42,137	Adopts PG&E's forecast
51	31	5-3	Nuclear Safety and Security	0	0	0	0	0	0	Adopts PG&E's forecast
52	3	5-4	Office Furniture & Equipment	16	16	0	16	(0)	16	Adopts PG&E's forecast
53	5	5-4	Tools & Equipment	702	702	0	702	0	702	Adopts PG&E's forecast
54	11	5-4	Relicensing Hydro Gen	427	427	0	427	0	427	Adopts PG&E's forecast
55	12	5-4	Implement Environment Projects	507	507	0	507	0	507	Adopts PG&E's forecast
56	2L	5-4	Instl/Rpl for Hydro Safety&Reg	24,429	24,429	0	24,429	0	24,429	Adopts PG&E's forecast
57	2M	5-4	Instal/Repl Hydro Gnerating Eqp	109,235	109,235	0	109,235	0	109,235	Adopts PG&E's forecast
58	2N	5-4	Instal/Repl Resv.Dams&Waterway	54,711	54,711	0	54,711	0	54,711	Adopts PG&E's forecast
59	2P	5-4	Instl/Repl Hydr BldgGrndInfstr	5,345	5,345	0	5,345	0	5,345	Adopts PG&E's forecast
60	3H	5-4	Hydroelec Lic & Lic Conditions	19,470	19,470	0	20,474	(1,004)	19,470	Adopts PG&E's forecast
61	3	5-5	Office Furniture & Equipment	0	0	0	0	0	0	Adopts PG&E's forecast
62	5	5-5	Tools & Equipment	375	375	0	375	0	375	Adopts PG&E's forecast
63	2R	5-5	Instl/Rpl for Fossil Safety&Reg	0	0	0	0	0	0	Adopts PG&E's forecast
64	2S	5-5	Instal/Repl Fossil Gnerating Eqp	6,465	6,465	0	6,465	0	6,465	Adopts PG&E's forecast
65	2T	5-5	Instl/Repl Fossil BldgGrndInfstr	203	203	0	203	0	203	Adopts PG&E's forecast
66	3A	5-5	Instl/Rpl for AltGen Sfty&Reg	24	24	0	24	0	24	Adopts PG&E's forecast
67	3B	5-5	Instal/Repl AltGen Gnerating Eqp	775	775	0	775	0	775	Adopts PG&E's forecast
68	2F	5-7	Build IT Apps & Infra	22,422	22,422	0	22,422	0	22,422	Adopts PG&E's forecast
69			Total Energy Supply	287,988	287,988	0	288,992	(1,004)	287,988	
Customer Care										
70	2F	6-2	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
71	2F	6-4	Build IT Apps & Infra	6,726	8,241	(1,515)	2,652	4,074	6,726	Adopts PG&E's forecast
72	21	6-5	Misc Capital	500	500	0	500	0	500	Adopts PG&E's forecast
73	5	6-6	Tools & Equipment	244	244	0	244	(0)	244	Adopts PG&E's forecast
74	21	6-6	Misc Capital	3,046	3,046	0	3,046	(0)	3,046	Adopts PG&E's forecast
75	25	6-6	Install New Electric Meters	55,116	55,116	0	55,116	0	55,116	Adopts PG&E's forecast
76	74	6-6	Install New Gas Meters	74,593	74,593	0	74,593	0	74,593	Adopts PG&E's forecast
77	2F	6-6	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
78	2F	6-7	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
79			Total Customer Care	140,225	141,741	(1,515)	136,152	4,074	140,225	

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE APPLICATION
TEST YEAR 2020 - SUMMARY OF CAPITAL FORECASTS BY MAJOR WORK CATEGORY
GAS DISTRIBUTION, ELECTRIC DISTRIBUTION ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES & IT, HUMAN RESOURCES, A&G
FINAL POSITIONS
(In Thousands of 2020 SAP Dollars)

Line No.	MWC	PG&E Exh-Ch	Major Work Category	PG&E (A)	Cal Advocates	Difference (PG&E - Cal Adv)	TURN	Difference (PG&E - TURN)	Settlement Amount	Settlement Notes
Shared Services and Information Technology										
80	2F	7-1	Build IT Apps & Infra	72	72	0	72	0	72	Adopts PG&E's forecast
81	4	7-2	Fleet / Auto Equip	27,451	27,451	0	27,451	0	27,451	Adopts PG&E's forecast
82	5	7-2	Tools & Equipment	1,279	1,279	0	1,279	0	1,279	Adopts PG&E's forecast
83	21	7-2	Misc Capital	0	0	0	0	0	0	Adopts PG&E's forecast
84	28	7-2	EV - Station Infrastructure	3,450	3,450	0	3,450	0	3,450	Adopts PG&E's forecast
85	5	7-3	Tools & Equipment	238	238	0	238	0	238	Adopts PG&E's forecast
86	21	7-3	Misc Capital	562	562	0	562	0	562	Adopts PG&E's forecast
87	22	7-5	Maintain Buildings	78,097	0	78,097	78,097	0	78,097	Adopts PG&E's forecast
88	23	7-5	Implement RealEstate Strategy	92,091	90,403	1,688	92,091	0	92,091	Adopts PG&E's forecast
89	2F	7-5	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
90	5	7-6	Tools & Equipment	300	300	0	300	0	300	Adopts PG&E's forecast
91	12	7-6	Implement Environment Projects	5,979	5,979	0	5,979	0	5,979	Adopts PG&E's forecast
92	21	7-7	Misc Capital	0	0	0	0	0	0	Adopts PG&E's forecast
93	2F	7-7	Build IT Apps & Infra	2,425	2,425	0	2,425	0	2,425	Adopts PG&E's forecast
94	2F	7-8	Build IT Apps & Infra	184,566	160,726	23,840	153,396	31,170	184,566	Adopts PG&E's forecast
95	2F	7-9	Build IT Apps & Infra	21,846	15,238	6,608	21,846	0	21,846	Adopts PG&E's forecast
96	3N	7-9	Security Install/Replace	16,640	16,640	0	16,640	0	16,640	Adopts PG&E's forecast
97			Total Shared Services	434,997	324,764	110,233	403,827	31,170	434,997	
Human Resources										
98	2F	8-2	Build IT Apps & Infra	881	881	0	881	0	881	Adopts PG&E's forecast
99	2F	8-4	Build IT Apps & Infra	51	51	0	51	0	51	Adopts PG&E's forecast
100	5	8-6	Tools & Equipment	35	35	0	35	0	35	Adopts PG&E's forecast
101	22	8-6	Maintain Buildings	1,213	1,213	0	1,213	0	1,213	Adopts PG&E's forecast
102	2F	8-6	Build IT Apps & Infra	233	233	0	233	0	233	Adopts PG&E's forecast
103			Total Human Resources	2,413	2,413	0	2,413	0	2,413	
Administrative and General										
104	2F	9-2	Build IT Apps & Infra	4,548	4,548	0	4,548	0	4,548	Adopts PG&E's forecast
105	2F	9-3	Build IT Apps & Infra	1,955	1,955	0	1,955	0	1,955	Adopts PG&E's forecast
106	2F	9-4	Build IT Apps & Infra	379	379	0	379	0	379	Adopts PG&E's forecast
107	2F	9-5	Build IT Apps & Infra	1,439	1,439	0	1,439	0	1,439	Adopts PG&E's forecast
108	2F	9-8	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
109			Total A&G	8,322	8,322	0	8,322	0	8,322	
110										
111			Total Capital	4,130,081	3,243,697	886,384	3,771,220	358,860	4,130,081	

Notes:

(A) Includes forecast updates, concessions, errata and stipulations.

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE APPLICATION
FORECAST YEAR 2019 - SUMMARY OF CAPITAL FORECASTS BY MAJOR WORK CATEGORY
GAS DISTRIBUTION, ELECTRIC DISTRIBUTION ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES & IT, HUMAN RESOURCES, A&G
FINAL POSITIONS
(In Thousands of 2020 SAP Dollars)

Line No.	MWC	PG&E Exh-Ch	Major Work Category	PG&E (A)	Cal Advocates	Difference (PG&E - Cal Adv)	TURN	Difference (PG&E - TURN)	Settlement Amount	Settlement Notes
Gas Distribution										
1	14	3-4	G Dist Pipeline Repl Program	372,405	402,417	(30,011)	372,405	0	372,405	Adopts PG&E's forecast
2	27	3-4	Gas Meter Protection-Capital	15,949	15,949	0	15,949	0	15,949	Adopts PG&E's forecast
3	50	3-4	G Dist Reliability General	113,537	95,460	18,078	113,537	0	113,537	Adopts PG&E's forecast
4	31	3-5	NGV - Station Infrastructure	4,020	4,020	0	4,020	0	4,020	Adopts PG&E's forecast
5	50	3-5	G Dist Reliability General	57,216	52,153	5,064	52,152	5,064	57,216	Adopts PG&E's forecast
6	2K	3-5	G Dist Repl/Convert Cust HPR	70,541	70,541	0	70,541	0	70,541	Adopts PG&E's forecast
7	74	3-6	Install New Gas Meters	2,158	2,158	0	2,158	0	2,158	Adopts PG&E's forecast
8	50	3-7	G Dist Reliability General	22,322	16,918	5,404	22,322	0	22,322	Adopts PG&E's forecast
9	50	3-8	G Dist Reliability General	30,017	30,017	0	30,017	0	30,017	Adopts PG&E's forecast
10	52	3-8	G Dist Leak Repl/Emergency	871	871	0	871	0	871	Adopts PG&E's forecast
11	47	3-9	G Dist Capacity	43,466	36,001	7,465	43,466	(0)	43,466	Adopts PG&E's forecast
12	4A	3-9	G Dist Ctrl Operations Assets	28,930	23,983	4,947	28,930	0	28,930	Adopts PG&E's forecast
13	29	3-10	G Dist Customer Connects	85,104	85,104	0	85,104	0	85,104	Adopts PG&E's forecast
14	51	3-10	G Dist WRO	72,841	72,534	307	72,841	0	72,841	Adopts PG&E's forecast
15	5	3-11	Tools & Equipment	3,299	3,299	0	3,299	0	3,299	Adopts PG&E's forecast
16	21	3-11	Misc Capital	0	8,758	(8,758)	(0)	0	0	Adopts PG&E's forecast
17	78	3-11	Manage Buildings	0	0	0	0	0	0	Adopts PG&E's forecast
18	2F	3-11	Build IT Apps & Infra	10,511	10,511	0	10,511	0	10,511	Adopts PG&E's forecast
19			Total Gas Distribution	933,188	930,693	2,495	928,124	5,064	933,188	
Electric Distribution										
20	21	4-3	Misc Capital	9,181	2,215	6,966	9,181	0	9,181	Adopts PG&E's forecast
21	17	4-4	E Dist Routine Emergency	180,625	145,950	34,675	180,625	0	180,625	Adopts PG&E's forecast
22	95	4-4	E Dist Major Emergency	54,218	47,589	6,629	54,218	0	54,218	Adopts PG&E's forecast
23	63	4-5	E T&D Control System/ Facility	1,073	1,073	0	1,073	0	1,073	Adopts PG&E's forecast
24	2F	4-5	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
25	2A	4-6	E Dist Inst/Repl OH General	198,593	148,890	49,704	142,362	56,232	198,593	Adopts PG&E's forecast
26	2B	4-6	E Dist Inst/Repl UG	60,256	60,256	0	60,256	0	60,256	Adopts PG&E's forecast
27	2C	4-6	E Dist Inst/Repl Network	18,681	18,681	0	18,681	0	18,681	Adopts PG&E's forecast
28	7	4-8	E Dist Inst/Repl OH Poles	109,273	109,273	0	109,273	0	109,273	Adopts PG&E's forecast
29	8	4-9	E Dist Replace OH Asset	253,005	16,065	236,941	127,005	126,000	253,005	Adopts PG&E's forecast
30	49	4-9	E Dist Reliability Ckt/Zone	48,819	38,261	10,558	48,819	0	48,819	Adopts PG&E's forecast
31	2F	4-9	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
32	9	4-10	E Dist Automation & Protection	62,700	62,700	0	62,700	0	62,700	Adopts PG&E's forecast
33	56	4-11	E Dist Replace UG Asset-Gen	96,115	96,115	0	96,115	0	96,115	Adopts PG&E's forecast
34	48	4-12	E Dist Subst Repl Other Equip	79,737	79,737	0	79,737	0	79,737	Adopts PG&E's forecast
35	54	4-12	E Dis Subst Repl Transformer	2,186	2,186	0	2,186	(0)	2,186	Adopts PG&E's forecast
36	58	4-12	E Dist Repl Substation Safety	5,746	5,746	0	5,746	0	5,746	Adopts PG&E's forecast
37	59	4-12	E Dist Subst Emergency Repl	43,399	43,399	0	43,399	0	43,399	Adopts PG&E's forecast
38	6	4-13	E Dist Line Capacity	89,780	89,780	0	87,396	2,384	89,780	Adopts PG&E's forecast
39	46	4-13	E Dist Subst Capacity	23,741	23,741	0	18,720	5,021	23,741	Adopts PG&E's forecast
40	2F	4-15	Build IT Apps & Infra	9,941	9,941	0	9,941	0	9,941	Adopts PG&E's forecast
41	10	4-16	E Dist WRO General	117,109	91,449	25,660	117,109	0	117,109	Adopts PG&E's forecast
42	16	4-16	E Dist Customer Connects	442,018	419,499	22,519	442,018	0	442,018	Adopts PG&E's forecast
43	30	4-17	E Dist WRO Rule 20A	45,098	45,097	1	62,289	(17,191)	45,098	Adopts PG&E's forecast
44	5	4-18	Tools & Equipment	7,722	7,722	0	7,722	0	7,722	Adopts PG&E's forecast
45	21	4-18	Misc Capital	(38,953)	(38,953)	0	(38,953)	0	(38,953)	Adopts PG&E's forecast
46	63	4-19	E T&D Control System/ Facility	33,479	18,177	15,302	5,416	28,063	33,479	Adopts PG&E's forecast
47	2F	4-19	Build IT Apps & Infra	5,030	5,030	0	5,030	0	5,030	Adopts PG&E's forecast
			Total Electric Distribution	1,958,574	1,549,620	408,954	1,758,065	200,509	1,958,574	
Energy Supply										
48	3	5-3	Office Furniture & Equipment	183	183	0	183	0	183	Adopts PG&E's forecast
49	5	5-3	Tools & Equipment	857	857	0	857	0	857	Adopts PG&E's forecast
50	20	5-3	DCPP Capital	108,216	108,216	0	83,216	25,000	108,216	Adopts PG&E's forecast
51	31	5-3	Nuclear Safety and Security	1,999	1,999	0	1,999	0	1,999	Adopts PG&E's forecast
52	3	5-4	Office Furniture & Equipment	16	16	0	16	(0)	16	Adopts PG&E's forecast
53	5	5-4	Tools & Equipment	685	685	0	685	0	685	Adopts PG&E's forecast
54	11	5-4	Relicensing Hydro Gen	888	888	0	888	0	888	Adopts PG&E's forecast
55	12	5-4	Implement Environment Projects	533	533	0	533	0	533	Adopts PG&E's forecast
56	2L	5-4	Instl/Rpl for Hydro Safety&Reg	23,266	23,266	0	23,266	0	23,266	Adopts PG&E's forecast
57	2M	5-4	Instal/Repl Hydro Gneratng Eqp	117,867	117,867	0	117,867	0	117,867	Adopts PG&E's forecast
58	2N	5-4	Instal/Repl Resv,Dams&Waterway	39,571	39,571	0	39,571	0	39,571	Adopts PG&E's forecast
59	2P	5-4	Instl/Repl Hydr BldgGrndInfst	14,837	14,837	0	14,837	(0)	14,837	Adopts PG&E's forecast
60	3H	5-4	Hydroelec Lic & Lic Conditions	33,003	33,003	0	33,197	(194)	33,003	Adopts PG&E's forecast
61	3	5-5	Office Furniture & Equipment	0	0	0	0	0	0	Adopts PG&E's forecast
62	5	5-5	Tools & Equipment	366	366	0	366	0	366	Adopts PG&E's forecast
63	2R	5-5	Instl/Rpl for Fossil Safety&Reg	0	0	0	0	0	0	Adopts PG&E's forecast
64	2S	5-5	Instal/Repl Fossil Gneratng Eqp	4,782	4,782	0	4,782	0	4,782	Adopts PG&E's forecast
65	2T	5-5	Instl/Repl Fossil BldgGrndInfst	1,014	1,014	0	1,014	0	1,014	Adopts PG&E's forecast
66	3A	5-5	Instl/Repl for AltGen Sfty&Reg	24	24	0	24	0	24	Adopts PG&E's forecast
67	3B	5-5	Instal/Repl AltGen GneratngEqp	760	760	0	760	0	760	Adopts PG&E's forecast
68	2F	5-7	Build IT Apps & Infra	23,651	23,651	0	23,651	0	23,651	Adopts PG&E's forecast
69			Total Energy Supply	372,518	372,518	0	347,712	24,806	372,518	
Customer Care										
70	2F	6-2	Build IT Apps & Infra	2,476	2,476	0	2,476	0	2,476	Adopts PG&E's forecast
71	2F	6-4	Build IT Apps & Infra	1,800	3,864	(2,063)	1,801	(0)	1,800	Adopts PG&E's forecast
72	21	6-5	Misc Capital	500	500	0	500	0	500	Adopts PG&E's forecast
73	5	6-6	Tools & Equipment	361	361	0	361	0	361	Adopts PG&E's forecast
74	21	6-6	Misc Capital	3,620	3,620	0	3,620	0	3,620	Adopts PG&E's forecast
75	25	6-6	Install New Electric Meters	61,576	61,576	0	61,576	0	61,576	Adopts PG&E's forecast
76	74	6-6	Install New Gas Meters	67,911	67,911	0	67,911	0	67,911	Adopts PG&E's forecast
77	2F	6-6	Build IT Apps & Infra	832	832	0	832	0	832	Adopts PG&E's forecast
78	2F	6-7	Build IT Apps & Infra	252	252	0	252	0	252	Adopts PG&E's forecast
79			Total Customer Care	139,327	141,391	(2,063)	139,328	(0)	139,327	

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE APPLICATION
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GAS DISTRIBUTION, ELECTRIC DISTRIBUTION ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES & IT, HUMAN RESOURCES, A&G
FINAL POSITIONS
(In Thousands of 2020 SAP Dollars)

Line No.	MWC	PG&E Exh-Ch	Major Work Category	PG&E (A)	Cal Advocates	Difference (PG&E - Cal Adv)	TURN	Difference (PG&E - TURN)	Settlement Amount	Settlement Notes
Shared Services and Information Technology										
80	2F	7-1	Build IT Apps & Infra	62	62	0	62	0	62	Adopts PG&E's forecast
81	4	7-2	Fleet / Auto Equip	31,763	31,763	0	31,763	0	31,763	Adopts PG&E's forecast
82	5	7-2	Tools & Equipment	1,231	1,231	0	1,231	0	1,231	Adopts PG&E's forecast
83	21	7-2	Misc Capital	15,965	0	15,965	0	15,965	15,965	Adopts PG&E's forecast
84	28	7-2	EV - Station Infrastructure	3,373	3,373	0	3,373	0	3,373	Adopts PG&E's forecast
85	5	7-3	Tools & Equipment	254	254	0	254	0	254	Adopts PG&E's forecast
86	21	7-3	Misc Capital	546	546	0	546	0	546	Adopts PG&E's forecast
87	22	7-5	Maintain Buildings	80,316	1	80,315	80,316	0	80,316	Adopts PG&E's forecast
88	23	7-5	Implement RealEstate Strategy	85,501	90,404	(4,903)	85,501	0	85,501	Adopts PG&E's forecast
89	2F	7-5	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
90	5	7-6	Tools & Equipment	300	300	0	300	0	300	Adopts PG&E's forecast
91	12	7-6	Implement Environment Projects	5,979	5,979	0	5,979	0	5,979	Adopts PG&E's forecast
92	21	7-7	Misc Capital	0	0	0	0	0	0	Adopts PG&E's forecast
93	2F	7-7	Build IT Apps & Infra	1,678	1,678	0	1,678	0	1,678	Adopts PG&E's forecast
94	2F	7-8	Build IT Apps & Infra	159,281	144,471	14,810	137,321	21,960	159,281	Adopts PG&E's forecast
95	2F	7-9	Build IT Apps & Infra	23,929	18,329	5,600	23,929	0	23,929	Adopts PG&E's forecast
96	3N	7-9	Security Install/Replace	16,151	16,151	0	16,151	0	16,151	Adopts PG&E's forecast
97			Total Shared Services	426,327	314,541	111,787	388,402	37,925	426,327	
Human Resources										
98	2F	8-2	Build IT Apps & Infra	503	503	0	503	0	503	Adopts PG&E's forecast
99	2F	8-4	Build IT Apps & Infra	45	45	0	45	0	45	Adopts PG&E's forecast
100	5	8-6	Tools & Equipment	34	34	0	34	0	34	Adopts PG&E's forecast
101	22	8-6	Maintain Buildings	1,190	1,190	0	1,190	0	1,190	Adopts PG&E's forecast
102	2F	8-6	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
103			Total Human Resources	1,772	1,772	0	1,772	0	1,772	
Administrative and General										
104	2F	9-2	Build IT Apps & Infra	3,902	3,902	0	3,902	(0)	3,902	Adopts PG&E's forecast
105	2F	9-3	Build IT Apps & Infra	1,680	1,680	0	1,680	0	1,680	Adopts PG&E's forecast
106	2F	9-4	Build IT Apps & Infra	1,025	1,025	0	1,025	0	1,025	Adopts PG&E's forecast
107	2F	9-5	Build IT Apps & Infra	1,923	1,923	0	1,923	0	1,923	Adopts PG&E's forecast
108	2F	9-8	Build IT Apps & Infra	0	0	0	0	0	0	Adopts PG&E's forecast
109			Total A&G	8,530	8,530	0	8,530	(0)	8,530	
110										
111			Total Capital	3,840,236	3,319,063	521,172	3,571,932	268,303	3,840,236	

Notes:

(A) Includes forecast updates, concessions, errata and stipulations.

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GAS DISTRIBUTION, ELECTRIC DISTRIBUTION ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES & IT, HUMAN RESOURCES, A&G
FINAL POSITIONS
(In Thousands of 2020 SAP Dollars)

Line No.	MWC	PG&E Exh-Ch	Major Work Category	PG&E (A)	Cal Advocates	Difference (PG&E - Cal Adv)	TURN	Difference (PG&E - TURN)	Settlement Amount	Settlement Notes
Gas Distribution										
1	14	3-4	G Dist Pipeline Repl Program	439,838	439,838	0	417,189	22,649	439,838	Updated PG&E Actual
2	27	3-4	Gas Meter Protection-Capital	1,033	1,033	0	532	501	1,033	Updated PG&E Actual
3	50	3-4	G Dist Reliability General	129,419	129,419	0	144,972	(15,553)	129,419	Updated PG&E Actual
4	31	3-5	NGV - Station Infrastructure	4,261	4,261	0	3,915	345	4,261	Updated PG&E Actual
5	50	3-5	G Dist Reliability General	56,567	56,567	0	55,539	1,028	56,567	Updated PG&E Actual
6	2K	3-5	G Dist Repl/Convert Cust HPR	55,186	55,186	0	50,827	4,360	55,186	Updated PG&E Actual
7	74	3-6	Install New Gas Meters	1,780	1,780	0	2,091	(311)	1,780	Updated PG&E Actual
8	50	3-7	G Dist Reliability General	14,779	14,779	0	20,462	(5,683)	14,779	Updated PG&E Actual
9	50	3-8	G Dist Reliability General	10,693	10,693	0	44,010	(33,317)	10,693	Updated PG&E Actual
10	52	3-8	G Dist Leak Repl/Emergency	1,744	1,744	0	120	1,624	1,744	Updated PG&E Actual
11	47	3-9	G Dist Capacity	26,094	26,094	0	47,135	(21,041)	26,094	Updated PG&E Actual
12	4A	3-9	G Dist Ctrl Operations Assets	24,393	24,393	0	28,105	(3,712)	24,393	Updated PG&E Actual
13	29	3-10	G Dist Customer Connects	95,055	95,055	0	78,958	16,097	95,055	Updated PG&E Actual
14	51	3-10	G Dist WRO	56,076	56,076	0	65,607	(9,531)	56,076	Updated PG&E Actual
15	5	3-11	Tools & Equipment	5,920	5,920	0	1,797	4,124	5,920	Updated PG&E Actual
16	21	3-11	Misc Capital	0	0	0	0	0	0	Updated PG&E Actual
17	78	3-11	Manage Buildings	(1,345)	(1,345)	0	4	(1,349)	(1,345)	Updated PG&E Actual
18	2F	3-11	Build IT Apps & Infra	7,907	7,907	0	7,573	334	7,907	Updated PG&E Actual
19			Total Gas Distribution	929,401	929,401	0	968,837	(39,436)	929,401	
Electric Distribution										
20	21	4-3	Misc Capital	7,386	7,386	0	9,816	(2,430)	7,386	Updated PG&E Actual
21	17	4-4	E Dist Routine Emergency	187,744	187,744	0	179,241	8,504	187,744	Updated PG&E Actual
22	95	4-4	E Dist Major Emergency	37,026	37,026	0	48,772	(11,746)	37,026	Updated PG&E Actual
23	63	4-5	E T&D Control System/ Facility	3,712	3,712	0	3,578	134	3,712	Updated PG&E Actual
24	2F	4-5	Build IT Apps & Infra	1,892	1,892	0	0	1,892	1,892	Updated PG&E Actual
25	2A	4-6	E Dist Inst/Repl OH General	224,548	224,548	0	148,594	75,955	224,548	Updated PG&E Actual
26	2B	4-6	E Dist Inst/Repl UG	70,325	70,325	0	59,356	10,970	70,325	Updated PG&E Actual
27	2C	4-6	E Dist Inst/Repl Network	20,847	20,847	0	20,763	84	20,847	Updated PG&E Actual
28	7	4-8	E Dist Inst/Repl OH Poles	227,844	227,844	0	175,647	52,197	227,844	Updated PG&E Actual
29	8	4-9	E Dist Replace OH Asset	39,550	39,550	0	47,181	(7,631)	39,550	Updated PG&E Actual
30	49	4-9	E Dist Reliability Ckt/Zone	25,782	25,782	0	33,998	(8,216)	25,782	Updated PG&E Actual
31	2F	4-9	Build IT Apps & Infra	0	0	0	0	0	0	Updated PG&E Actual
32	9	4-10	E Dist Automation & Protection	72,731	72,731	0	53,277	19,454	72,731	Updated PG&E Actual
33	56	4-11	E Dist Replace UG Asset-Gen	83,007	83,007	0	90,807	(7,800)	83,007	Updated PG&E Actual
34	48	4-12	E Dist Subst Repl Other Equip	106,911	106,911	0	90,492	16,418	106,911	Updated PG&E Actual
35	54	4-12	E Dis Subst Repl Transformer	31,086	31,086	0	5,811	25,275	31,086	Updated PG&E Actual
36	58	4-12	E Dist Repl Substation Safety	2,290	2,290	0	4,571	(2,282)	2,290	Updated PG&E Actual
37	59	4-12	E Dist Subst Emergency Repl	62,881	62,881	0	40,000	22,881	62,881	Updated PG&E Actual
38	6	4-13	E Dist Line Capacity	67,666	67,666	0	78,915	(11,249)	67,666	Updated PG&E Actual
39	46	4-13	E Dist Subst Capacity	12,376	12,376	0	18,694	(6,319)	12,376	Updated PG&E Actual
40	2F	4-15	Build IT Apps & Infra	24,766	24,766	0	15,240	9,526	24,766	Updated PG&E Actual
41	10	4-16	E Dist WRO General	121,015	121,015	0	113,306	7,709	121,015	Updated PG&E Actual
42	16	4-16	E Dist Customer Connects	434,486	434,486	0	407,716	26,770	434,486	Updated PG&E Actual
43	30	4-17	E Dist WRO Rule 20A	32,610	32,610	0	54,113	(21,503)	32,610	Updated PG&E Actual
44	5	4-18	Tools & Equipment	7,209	7,209	0	7,330	(121)	7,209	Updated PG&E Actual
45	21	4-18	Misc Capital	8	8	0	(47,395)	47,403	8	Updated PG&E Actual
46	63	4-19	E T&D Control System/ Facility	5,048	5,048	0	2,550	2,498	5,048	Updated PG&E Actual
47	2F	4-19	Build IT Apps & Infra	0	0	0	0	0	0	Updated PG&E Actual
			Total Electric Distribution	1,910,748	1,910,748	0	1,662,373	248,375	1,910,748	
Energy Supply										
48	3	5-3	Office Furniture & Equipment	156	156	0	268	(112)	156	Updated PG&E Actual
49	5	5-3	Tools & Equipment	3,052	3,052	0	497	2,555	3,052	Updated PG&E Actual
50	20	5-3	DCPP Capital	116,933	116,933	0	132,235	(15,302)	116,933	Updated PG&E Actual
51	3I	5-3	Nuclear Safety and Security	7,884	7,884	0	10,300	(2,416)	7,884	Updated PG&E Actual
52	3	5-4	Office Furniture & Equipment	270	270	0	15	255	270	Updated PG&E Actual
53	5	5-4	Tools & Equipment	1,223	1,223	0	1,024	199	1,223	Updated PG&E Actual
54	11	5-4	Relicensing Hydro Gen	1,350	1,350	0	1,273	77	1,350	Updated PG&E Actual
55	12	5-4	Implement Environment Projects	796	796	0	488	308	796	Updated PG&E Actual
56	2L	5-4	Instl/Rpl for Hydro Safety&Reg	20,422	20,422	0	23,560	(3,138)	20,422	Updated PG&E Actual
57	2M	5-4	Instal/Repl Hydro Gneratng Eqp	96,997	96,997	0	91,913	5,084	96,997	Updated PG&E Actual
58	2N	5-4	Instal/Repl Resv,Dams&Waterway	40,768	40,768	0	52,714	(11,946)	40,768	Updated PG&E Actual
59	2P	5-4	Instl/Repl Hydr BldgGmdInfrst	26,533	26,533	0	37,495	(10,962)	26,533	Updated PG&E Actual
60	3H	5-4	Hydroelec Lic & Lic Conditions	23,884	23,884	0	30,182	(6,298)	23,884	Updated PG&E Actual
61	3	5-5	Office Furniture & Equipment	33	33	0	193	(160)	33	Updated PG&E Actual
62	5	5-5	Tools & Equipment	264	264	0	357	(93)	264	Updated PG&E Actual
63	2R	5-5	Instl/Rpl for Fossil Safety&Reg	52	52	0	101	(49)	52	Updated PG&E Actual
64	2S	5-5	Instal/Repl Fossil Gneratng Eqp	4,822	4,822	0	3,081	1,741	4,822	Updated PG&E Actual
65	2T	5-5	Instl/Repl Fosl BldgGmdInfrst	202	202	0	355	(153)	202	Updated PG&E Actual
66	3A	5-5	Instl/Rpl for AltGen Safty&Reg	92	92	0	23	69	92	Updated PG&E Actual
67	3B	5-5	Instal/Repl AltGen GneratngEqp	961	961	0	488	473	961	Updated PG&E Actual
68	2F	5-7	Build IT Apps & Infra	25,829	25,829	0	29,908	(4,079)	25,829	Updated PG&E Actual
69			Total Energy Supply	372,523	372,523	0	416,472	(43,949)	372,523	
Customer Care										
70	2F	6-2	Build IT Apps & Infra	0	0	0	0	0	0	Updated PG&E Actual
71	2F	6-4	Build IT Apps & Infra	13,381	13,381	0	1,119	12,262	13,381	Updated PG&E Actual
72	21	6-5	Misc Capital	959	959	0	500	459	959	Updated PG&E Actual
73	5	6-6	Tools & Equipment	24	24	0	350	(326)	24	Updated PG&E Actual
74	21	6-6	Misc Capital	2	2	0	0	2	2	Updated PG&E Actual
75	25	6-6	Install New Electric Meters	53,879	53,879	0	50,802	3,077	53,879	Updated PG&E Actual
76	74	6-6	Install New Gas Meters	74,056	74,056	0	82,667	(8,612)	74,056	Updated PG&E Actual
77	2F	6-6	Build IT Apps & Infra	0	0	0	0	0	0	Updated PG&E Actual
78	2F	6-7	Build IT Apps & Infra	13,154	13,154	0	7,467	5,687	13,154	Updated PG&E Actual
79			Total Customer Care	155,454	155,454	0	142,905	12,549	155,454	

APPENDIX B
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE APPLICATION
FORECAST YEAR 2018 - SUMMARY OF CAPITAL FORECASTS BY MAJOR WORK CATEGORY
GAS DISTRIBUTION, ELECTRIC DISTRIBUTION ENERGY SUPPLY, CUSTOMER CARE, SHARED SERVICES & IT, HUMAN RESOURCES, A&G
FINAL POSITIONS
(In Thousands of 2020 SAP Dollars)

Line No.	MWC	PG&E Exh-Ch	Major Work Category	PG&E (A)	Cal Advocates	Difference (PG&E - Cal Adv)	TURN	Difference (PG&E - TURN)	Settlement Amount	Settlement Notes
Shared Services and Information Technology										
80	2F	7-1	Build IT Apps & Infra	1,596	1,596	0	60	1,536	1,596	Updated PG&E Actual
81	4	7-2	Fleet / Auto Equip	53,528	53,528	0	47,087	6,441	53,528	Updated PG&E Actual
82	5	7-2	Tools & Equipment	996	996	0	1,013	(17)	996	Updated PG&E Actual
83	21	7-2	Misc Capital	30,599	30,599	0	0	30,599	30,599	Updated PG&E Actual
84	28	7-2	EV - Station Infrastructure	1,854	1,854	0	2,100	(246)	1,854	Updated PG&E Actual
85	5	7-3	Tools & Equipment	287	287	0	400	(113)	287	Updated PG&E Actual
86	21	7-3	Misc Capital	793	793	0	400	393	793	Updated PG&E Actual
87	22	7-5	Maintain Buildings	86,199	86,199	0	43,746	42,453	86,199	Updated PG&E Actual
88	23	7-5	Implement RealEstate Strategy	164,611	164,611	0	265,076	(100,465)	164,611	Updated PG&E Actual
89	2F	7-5	Build IT Apps & Infra	0	0	0	16	(16)	0	Updated PG&E Actual
90	5	7-6	Tools & Equipment	1,117	1,117	0	300	817	1,117	Updated PG&E Actual
91	12	7-6	Implement Environment Projects	5,238	5,238	0	11,479	(6,241)	5,238	Updated PG&E Actual
92	21	7-7	Misc Capital	0	0	0	0	0	0	Updated PG&E Actual
93	2F	7-7	Build IT Apps & Infra	2,848	2,848	0	1,590	1,258	2,848	Updated PG&E Actual
94	2F	7-8	Build IT Apps & Infra	157,732	157,732	0	134,906	22,826	157,732	Updated PG&E Actual
95	2F	7-9	Build IT Apps & Infra	22,120	22,120	0	19,937	2,183	22,120	Updated PG&E Actual
96	3N	7-9	Security Install/Replace	10,324	10,324	0	15,842	(5,518)	10,324	Updated PG&E Actual
97			Total Shared Services	539,843	539,843	0	543,951	(4,108)	539,843	
Human Resources										
98	2F	8-2	Build IT Apps & Infra	1,374	1,374	0	3,359	(1,985)	1,374	Updated PG&E Actual
99	2F	8-4	Build IT Apps & Infra	0	0	0	0	0	0	Updated PG&E Actual
100	5	8-6	Tools & Equipment	16	16	0	10	6	16	Updated PG&E Actual
101	22	8-6	Maintain Buildings	1,848	1,848	0	1,190	659	1,848	Updated PG&E Actual
102	2F	8-6	Build IT Apps & Infra	1,271	1,271	0	818	453	1,271	Updated PG&E Actual
103			Total Human Resources	4,509	4,509	0	5,377	(868)	4,509	
Administrative and General										
104	2F	9-2	Build IT Apps & Infra	2,511	2,511	0	3,807	(1,296)	2,511	Updated PG&E Actual
105	2F	9-3	Build IT Apps & Infra	20	20	0	1,642	(1,622)	20	Updated PG&E Actual
106	2F	9-4	Build IT Apps & Infra	1,120	1,120	0	765	355	1,120	Updated PG&E Actual
107	2F	9-5	Build IT Apps & Infra	1,605	1,605	0	654	951	1,605	Updated PG&E Actual
108	2F	9-8	Build IT Apps & Infra	79	79	0	0	79	79	Updated PG&E Actual
109			Total A&G	5,335	5,335	0	6,867	(1,532)	5,335	
110										
111			Total Capital	3,917,814	3,917,814	0	3,746,783	171,031	3,917,814	

Notes:

(A) Includes forecast updates, concessions, errata and stipulations.

APPENDIX C
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
POST-TEST YEAR SETTLEMENT AMOUNTS
(Millions of Dollars)

Line	Test Year		Post-Test Year				Post-Test Year				Line
	PG&E Proposed	2020 Proposed	2021 Proposed	Attrition Increase	Attrition Allocation	Attrition Increase Percentage	2022 Proposed	Attrition Increase	Attrition Allocation	Attrition Increase Percentage	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
1	Electric Gen	2,327	2,315	(12)	-3.4%	-0.5%	2,332	17	3.4%	0.7%	1
2	Electric Dist	5,057	5,310	253	71.1%	5.0%	5,644	334	69.4%	6.3%	2
3	Gas Dist	2,136	2,251	115	32.3%	5.4%	2,382	130	27.1%	5.8%	3
4	Revenue Collected in Rates Total	\$ 9,520	\$ 9,877	\$ 356	100.0%	3.7%	\$ 10,358	\$ 481	100.0%	4.9%	4

	Test Year		Post-Test Year				Post-Test Year				
	CalAdvocates Primary Proposal	2020 Proposed	2021 Proposed	Attrition Increase	Attrition Allocation	Attrition Increase Percentage	2022 Proposed	Attrition Increase	Attrition Allocation	Attrition Increase Percentage	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
5	Electric Gen	2,210	2,196	(13)	-4.3%	-0.6%	2,213	17	5.0%	0.8%	5
6	Electric Dist	4,875	5,097	222	73.8%	4.6%	5,320	223	67.2%	4.4%	6
7	Gas Dist	2,014	2,106	92	30.5%	4.6%	2,199	92	27.8%	4.4%	7
8	Revenue Collected in Rates Total	\$ 9,099	\$ 9,400	\$ 301	100.0%	3.3%	\$ 9,732	\$ 332	100.0%	3.5%	8

	Test Year		Post-Test Year				Post-Test Year				
	Settlement	2020 Proposed	2021 Proposed	Attrition Increase	Attrition Allocation	Attrition Increase Percentage	2022 Proposed	Attrition Increase	Attrition Allocation	Attrition Increase Percentage	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
9	Electric Gen	2,289	2,274	(16)	-4.9%	-0.7%	2,266	(8)	-2.1%	-0.3%	9
10	Electric Dist	4,800	5,011	211	66.7%	4.4%	5,287	277	76.1%	5.5%	10
11	Gas Dist	2,013	2,134	121	38.2%	6.0%	2,229	95	26.1%	4.4%	11
12	Revenue Collected in Rates Total	\$ 9,102	\$ 9,418	\$ 316	100.0%	3.5%	\$ 9,782	\$ 364	100.0%	3.9%	12

APPENDIX D
PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
DEPRECIATION FORECAST REDUCTION

(MILLIONS OF DOLLARS)

Line No.	Revenue Requirement	PG&E Proposed (A)	Settlement (B)	Difference (Proposed vs. Settled)
1	Depreciation Expense	2,800,134	2,665,083	(135,051)
2	RF&U	107,040	105,348	(1,692)
3	Income Taxes	231,833	214,572	(17,261)
4	Net for Return	2,249,745	2,253,366	3,620
5	Other Operating Revenues	(195,077)	(194,587)	490
6	Total Revenue Requirement			<u>(149,894)</u>

(A) GRC Settlement At PG&E Proposed Depreciation Rates

(B) GRC Settlement At Settlement Depreciation Rates

APPENDIX D

PACIFIC GAS AND ELECTRIC COMPANY
2020 GENERAL RATE CASE
DEPRECIATION FORECAST REDUCTION
ELECTRIC AND GAS DEPARTMENTS - RESULTS OF OPERATIONS AT PROPOSED RATES
(THOUSANDS OF DOLLARS)

Line No.	Description	(A) GRC Settlement At PG&E Proposed Depreciation Rates				(B) GRC Settlement At Settlement Depreciation Rates				(B-A) 2020 PG&E GRC (Difference)			
		Adj Recorded	Estimated	Estimated	Test	Adj Recorded	Estimated	Estimated	Test	Adj Recorded	Estimated	Estimated	Test
		Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year
		2017RA	2018	2019	2020	2017RA	2018	2019	2020	2017RA	2018	2019	2020
		(B)	(C)	(D)	(E)	(B)	(C)	(D)	(E)	(B)	(C)	(D)	(E)
REVENUE:													
1	Revenue Collected in Rates	8,014,182	8,171,114	8,517,725	9,252,364	8,014,182	8,171,114	8,517,725	9,102,470	0	0	0	(149,894)
2	Plus Other Operating Revenue	170,111	170,111	170,111	195,077	170,111	170,111	170,111	194,587	0	0	0	(490)
3	Total Operating Revenue	8,184,294	8,341,225	8,687,837	9,447,442	8,184,294	8,341,225	8,687,837	9,297,057	0	0	0	(150,384)
OPERATING EXPENSES:													
4	Energy Costs	0	0	0	0	0	0	0	0	0	0	0	0
5	Production / Procurement	646,529	607,880	637,530	625,606	646,529	607,880	637,530	625,606	0	0	0	0
6	Storage	0	0	0	0	0	0	0	0	0	0	0	0
7	Transmission	9,513	11,095	9,798	9,986	9,513	11,095	9,798	9,986	0	0	0	0
8	Distribution	1,004,650	1,378,162	1,389,366	1,437,596	1,004,650	1,378,162	1,389,366	1,437,596	0	0	0	0
9	Customer Accounts	271,106	267,298	245,070	245,782	271,106	267,298	245,070	245,782	0	0	0	0
10	Uncollectibles	27,307	28,088	28,915	30,329	27,307	28,088	28,915	29,845	0	0	0	(484)
11	Customer Services	36,386	48,470	50,836	30,764	36,386	48,470	50,836	30,764	0	0	0	0
12	Administrative and General	1,000,248	1,117,841	1,259,832	1,203,064	1,000,248	1,117,841	1,259,832	1,203,064	0	0	0	0
13	Franchise & SFRG Tax Requirement	65,291	67,888	70,702	76,711	65,291	67,888	70,702	75,503	0	0	0	(1,208)
14	Amortization	176	174	172	23,271	176	174	172	23,271	0	0	0	0
15	Wage Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0
16	Other Price Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0
17	Other Adjustments	(21,665)	(21,322)	(21,305)	(1,721)	(21,665)	(21,322)	(21,305)	(1,721)	0	0	0	0
18	Subtotal Expenses:	3,039,544	3,505,575	3,670,917	3,681,387	3,039,544	3,505,575	3,670,917	3,679,695	0	0	0	(1,692)
TAXES:													
19	Superfund	0	0	0	0	0	0	0	0	0	0	0	0
20	Property	280,569	304,407	328,760	350,300	280,569	304,407	328,760	350,300	0	0	0	0
21	Payroll	107,367	91,869	95,561	95,862	107,367	91,869	95,561	95,862	0	0	0	0
22	Business	1,088	1,124	1,161	1,199	1,088	1,124	1,161	1,199	0	0	0	0
23	Other	6,713	10,606	13,470	13,723	6,713	10,606	13,470	13,723	0	0	0	0
24	State Corporation Franchise	88,377	37,685	67,164	130,393	88,377	37,685	67,164	117,148	0	0	(0)	(13,245)
25	Federal Income	376,395	(74,426)	(41,529)	101,439	376,395	(74,426)	(41,530)	97,424	0	0	(1)	(4,016)
26	Total Taxes	860,510	371,265	464,588	692,916	860,510	371,265	464,587	675,655	0	0	(1)	(17,261)
27	Depreciation	2,324,312	2,460,143	2,621,644	2,800,134	2,324,312	2,460,143	2,621,644	2,665,083	0	0	0	(135,051)
28	Fossil/Hydro Decommissioning	(5,527)	(5,527)	(5,527)	23,259	(5,527)	(5,527)	(5,527)	23,259	0	0	0	0
29	Nuclear Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0
30	Total Operating Expenses	6,218,839	6,331,455	6,751,621	7,197,696	6,218,839	6,331,455	6,751,620	7,043,692	0	0	(1)	(154,005)
31	Net for Return	1,965,455	2,009,770	1,936,215	2,249,745	1,965,455	2,009,770	1,936,216	2,253,366	0	0	1	3,620
32	Rate Base	25,209,967	26,470,922	27,745,023	29,415,482	25,209,967	26,470,922	27,745,023	29,462,512	0	0	0	47,030