

Worksheet Table 8-1
Pacific Gas and Electric Company
2019 Gas Transmission and Storage Rate Case
Worksheets Supporting Chapter 8, Corrosion Control
Summary of Expenses and Capital Expenditures
in New Cost Model

Worksheet Table 8-1a
Summary of Expenses

Line No.	Description	2012 Recorded	2013 Recorded	2014 Recorded	2015 Recorded	2016 Recorded	2017 Forecast	2018 Forecast	2019 Forecast
1	Routine Corrosion Maintenance (JOA, JOC, JOQ, JOZ)	784,368	1,160,471	1,266,659	1,330,948	1,711,112	1,496,000	2,376,044	2,173,580
2	DC Interference (G,IF)	762,303	5,535	418,331	867,614	664,212	800,000	696,661	713,096
3	AC Interference (G,JA)	573,763	861,039	1,891,134	1,744,930	1,531,580	1,485,987	2,564,975	2,625,163
4	Casings (G,JL, G,JM)	3,471,669	2,835,301	4,223,845	15,869,466	5,548,489	3,804,471	16,004,102	2,056,909
5	Catholic Protection (G,JC)	110,545	462,569	811,111	728,847	1,487,658	4,001,963	4,296,769	4,400,884
6	Test Stations (G,JD)	45,038	56,725	28,538	215,645	3,546,293	(0)	455,068	256,812
7	Atmospheric Corrosion (G,JB)	381,701	214,126	3,827,378	18,947,860	12,355,505	19,449,369	6,502,652	11,500,772
8	Close Interval Survey (G,JE)	118,259	561,383	2,826	1,428,334	1,782,028	1,900,000	3,065,415	5,476,350
9	Internal Corrosion (G,JH)	30,469	300,492	1,221,895	1,789,357	1,833,883	2,740,742	2,959,530	3,561,120
10	Corrosion Support (G,JI, G,JK)	680,339	2,926,004	6,059,409	5,914,630	6,289,936	4,521,160	2,498,691	2,557,639
11	Catholic Protection Resurvey (JOD)	23,510	11,526	6,402	17,652	2,142	-	-	-
12	G.T Mitigate Corrosion Other (G,JK)	-	-	-	2,372	485,853	56	-	-
13	Start-Pac Expense (34A)	57,104	99,432	38,770	92,638	673,418	-	85,684	376,312
14	Total Expenses	7,009,089	9,494,604	19,796,299	48,950,293	37,902,108	40,209,748	41,505,591	35,698,637

Worksheet Table 8-1b
Summary of Capital Expenditures

Line No.	Description	2012 Recorded	2013 Recorded	2014 Recorded	2015 Recorded	2016 Recorded	2017 Forecast	2018 Forecast	2019 Forecast	2020 Forecast	2021 Forecast	Total 2019-2021
15	DC Interference (3K9)	931,474	496,312	(122,207)	713,101	1,162,962	2,391,000	12,799,299	12,242,277	12,626,932	12,998,608	37,867,817
16	AC Interference (3K4)	240,398	552,759	2,045,468	4,182,738	1,777,936	20,022,000	16,439,640	13,011,781	3,990,541	6,179,788	23,182,110
17	Casings (3K5)	1,609,506	1,638,442	4,714,397	35,074,938	13,651,038	665,000	32,282,407	24,411,330	21,596,936	18,706,676	64,714,942
18	Catholic Protection (3K6, 3K7)	3,780,572	4,763,566	4,171,731	4,429,452	11,291,550	14,518,000	13,005,088	13,646,067	13,272,619	10,013,769	36,932,455
19	Test Stations (3K8)	1,123,999	2,357,827	1,974,808	2,554,083	6,807,449	12,757,000	19,622,304	-	-	-	-
20	Atmospheric Corrosion (3KA)	271,327	268,208	(262,193)	16,697	615,158	3,319,000	-	2,803,014	2,891,085	2,976,190	8,670,289
21	Internal Corrosion (3K1)	30,763	10,606	2,551	34,681	698,505	(2,980,060)	-	13,012,475	13,421,360	13,816,415	40,250,250
22	Gas Trans & Storage (75A)	414,847	37,700	6,307	-	-	0	-	-	-	-	-
23	Start-Pac Capital (44A)	57,212	(158,066)	234,168	210,957	-	50,691,940	94,762,112	79,201,023	67,841,202	64,734,403	158,764
24	Total Capital Expenditures	8,460,098	9,957,353	12,765,030	47,216,647	36,024,599	50,691,940	94,762,112	79,201,023	67,841,202	64,734,403	211,776,627