

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of Pacific Gas and Electric Company for Authority, Among Other Things, to Increase Rates and Charges for Electric and Gas Services Effective on January 1, 2020

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

(U 39 M)

PACIFIC GAS AND ELECTRIC COMPANY (U 39 M) MOTION FOR OFFICIAL NOTICE OF FACTS

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Attorneys for

Dated: January 27, 2020 PACIFIC GAS AND ELECTRIC COMPANY

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Pursuant to Rules 11.1 and 13.9 of the California Public Utilities Commission's Rules of Practice and Procedure, and California Evidence Code Section 452, Pacific Gas and Electric Company (PG&E) respectfully files this motion requesting official notice of certain factual information contained in PG&E Corporation's and PG&E's Form 10-K Annual Reports showing PG&E's total number of electric and gas customers for the years 2013 through 2018.

These documents provide support for revised customer totals that PG&E is referring to in its Reply Brief on Unresolved Issues filed today in this proceeding in response to the Opening Brief of the Joint Community Choice Aggregators. PG&E is referencing the SEC reports to establish the accurate number of total electric and gas customers in its service area.

Rule 13.9 of the Commission's Rules of Practice and Procedure states that "[o]fficial notice may be taken of such matters as may be judicially noticed by the courts of the State of California pursuant to Evidence Code section 450 et seq." Section 452(h) of the California Evidence Code provides that judicial notice may be taken of "[f]acts and propositions that are not reasonably subject to dispute and are capable of immediate and accurate determination by resort to sources of reasonably indisputable accuracy."

¹ See pp. 28 to 31 of PG&E's Reply Brief.

The PG&E Corporation and PG&E Form 10 K Annual Reports attached are filed with the SEC and publicly available as required for SEC filings. There is not reason to doubt the accuracy of the information about PG&E's gas and electric operations for which PG&E requests official notice by the Commission. Granting this motion will ensure that the Comission considers the most accurate data regarding the number of customers.

For these reasons, PG&E respectfully requests that the Commission provide official notice of the attached documents.

Respectfully Submitted,

MARY A. GANDESBERY PETER OUBORG TESSA CARLBERG

By: /s/ Peter Ouborg

PETER OUBORG

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Attorneys for

Dated: January 27, 2020

PACIFIC GAS AND ELECTRIC COMPANY

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ATTACHMENT

Pages from PG&E Corporation and Pacific Gas and Electric Company Form 10-K Annual Reports showing total electric and gas customers of Pacific Gas and Electric Company. These documents can also be accessed at http://investor.pgecorp.com/financials/sec-filings/default.aspx

FORM 10 K ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the Fiscal Year Ended December 31, 2013, pages 1, 17 and 20.

FORM 10 K ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the Fiscal Year Ended December 31, 2014, pages 1, 16 and 18.

FORM 10 K ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the Fiscal Year Ended December 31, 2015, pages 1, 16 and 18.

FORM 10 K ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the Fiscal Year Ended December 31, 2016, pages 1, 18 and 20.

FORM 10 K ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the Fiscal Year Ended December 31, 2017, pages 1, 19 and 21.

FORM 10 K ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the Fiscal Year Ended December 31, 2018, pages 1, 18 and 20.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Commission File Number	Exact Name of Registrant as specified in its charter	State or Other Jurisdiction of Incorporation or Organization	IRS Employer Identification Number
-12609 -2348	PG&E CORPORATION PACIFIC GAS AND ELECTRIC COMPANY	California California	94-3234914 94-0742640
PG&L	E Corporation.	Pacific Gas and Electric Company	
7 Beale Street	, P.O. Box 770000	77 Beale Street, P.O. Box 77	0000
San Francisco,	California 94177	San Francisco, California 94	
	ncipal executive offices) (Zip Code)	(Address of principal execut	ive offices) (Zip Code)
415) 973-1000	ephone number, including area code)	(415) 973-7000 (Registrant's telephone numb	ner including area code)
Registralit's tel	ephone number, including area code)	(registrant's telephone frame	or, merading area code)
Securities regi	stered pursuant to Section 12(b) of the Act:		
Title of Each (Class	Name of Each Excha	nge on Which Registered
	ration: Common Stock, no par value	New York Stock Exch	ange
cumul Re	d Electric Company: First Preferred Stock, ative, par value \$25 per share: edeemable: 5% Series A, 5%, 4.80%, 4.50%, 4.36% onredeemable: 6%, 5.50%, 5%	NYSE Amex Equities	
Securities regi	stered pursuant to Section 12(g) of the Act: None		
ndicate by ch	eck mark if the registrant is a well-known seasone	d issuer, as defined in Rule 405 of the	e Securities Act:
naicate by cir			
	G&E Corporation	Yes	☑ No □
PC	G&E Corporation cific Gas and Electric Company		☑ No □ ☑ No □
PC Pa		Yes	☑ No □
PC Pa ndicate by ch	eck mark if the registrant is not required to file re	Yes ports pursuant to Section 13 or Secti	☑ No □ on 15(d) of the Act:
PC Pa ndicate by ch	cific Gas and Electric Company	Yes ports pursuant to Section 13 or Secti Yes	☑ No □
PC Pa ndicate by che PC Pa ndicate by che Act of 1934 du	cific Gas and Electric Company eck mark if the registrant is not required to file re G&E Corporation	Yes ports pursuant to Section 13 or Section Yes Yes Yes ports required to be filed by Section	 No □ on 15(d) of the Act: □ No ☑ □ No ☑ 13 or 15(d) of the Securities Exchange
PC Pa ndicate by cho Pa ndicate by cho Act of 1934 du peen subject to	eck mark if the registrant is not required to file repose. G&E Corporation cific Gas and Electric Company eck mark whether the registrant (1) has filed all registring the preceding 12 months (or for such shorter	Yes ports pursuant to Section 13 or Secti Yes Yes Yes Ports required to be filed by Section period that the registrant was required.	 No □ on 15(d) of the Act: □ No ☑ □ No ☑ 13 or 15(d) of the Securities Exchange

Electricity Distribution

The Utility's electricity distribution network consists of approximately 141,000 circuit miles of distribution lines (of which approximately 20% are underground and approximately 80% are overhead), 58 transmission-switching substations, and 603 distribution substations. The Utility's distribution network interconnects with the Utility's transmission system primarily at transmission switching substations and distribution substations where transformers and switching equipment reduce the high-voltage transmission levels at which the electricity transmission system transmits electricity, ranging from 500 kV to 60 kV, to lower voltages, ranging from 44 kV to 2.4 kV, suitable for distribution to the Utility's customers.

The distribution substations serve as the central hubs of the Utility's electricity distribution network and consist of transformers, voltage regulation equipment, protective devices, and structural equipment. Emanating from each substation are primary and secondary distribution lines connected to local transformers and switching equipment that link distribution lines and provide delivery to end-users. In some cases, the Utility sells electricity from its distribution lines or other facilities to entities, such as municipal and other utilities, that then resell the electricity. In April 2013, the Utility began construction on the first of three new electric distribution control centers that will house new smart grid technology, enhancing electric reliability for customers. Located in Concord, California, the 37,000-square-foot facility is expected to be completed in 2014.

In 2013, the Utility replaced more than nearly 100,000 feet of underground cable, primarily in San Francisco and East Bay, replaced 100,686 feet of overhead wire, and installed or replaced 19 distribution substation transformer banks to improve reliability and provide capacity to accommodate growing demand. The Utility plans to continue performing work to improve the reliability and safety of its electricity distribution operations in 2014.

Electricity Operating Statistics

The following table shows certain of the Utility's operating statistics from 2009 to 2013 for electricity sold or delivered, including the classification of revenues by type of service.

	2013	2012	2011	2010	 2009
Customers (average for the year)	5,243,216	5,214,170	5,188,638	5,155,724	5,137,240
Deliveries (in GWh) (1)	86,513	86,113	81,255	79,634	72,385
Revenues (in millions):					
Residential	\$ 5,091	\$ 4,953	\$ 4,778	\$ 4,795	\$ 4,759
Commercial	4,905	4,735	4,732	4,823	4,538
Industrial	1,388	1,408	1,379	1,424	1,392
Agricultural	1,021	901	692	736	770
Public street and highway lighting	75	79	77	79	74
Other	 (128)	 (11)	 94	 (1,178)	(1,700)
Subtotal	12,352	12,065	11,752	10,679	9,833
Regulatory balancing accounts	 137	 (51)	 (151)	(35)	 424
Total electricity operating revenues	\$ 12,489	\$ 12,014	\$ 11,601	\$ 10,644	\$ 10,257
Other Data:					
Average annual residential usage (kWh)	6,752	5,961	6,799	6,843	6,953
Average billed revenues (per kWh):					
Residential	\$ 0.1643	\$ 0.1594	\$ 0.1548	\$ 0.1560	\$ 0.1524
Commercial	0.1499	0.1449	0.1441	0.1468	0.1377
Industrial	0.0928	0.917	0.951	0.988	0.940
Agricultural	0.1454	0.1458	0.1475	0.1451	0.1327
Net plant investment per customer	\$ 6,002	\$ 4,919	\$ 5,045	\$ 4,728	\$ 4,336

⁽¹⁾ These amounts include electricity provided to direct access customers who procure their own supplies of electricity.

Natural Gas Operating Statistics

The following table shows the Utility's operating statistics from 2009 through 2013 (excluding subsidiaries) for natural gas, including the classification of revenues by type of service.

	 2013	2012	 2011	2010	 2009
Customers (average for the year)	 4,378,797	4,353,278	4,327,407	4,295,741	4,271,007
Gas purchased (MMcf)	240,414	247,792	279,157	270,228	264,314
Average price of natural gas purchased	\$ 3.29	\$ 2.45	\$ 3.69	\$ 4.07	\$ 3.57
Bundled gas sales (MMcf):					
Residential	181,775	185,376	201,109	195,195	195,217
Commercial	46,668	 47,341	 52,230	 53,921	 57,550
Total	228,443	232,717	253,339	249,116	252,767
Revenues (in millions):					
Bundled gas sales:					
Residential	\$ 1,870	\$ 1,852	\$ 2,089	\$ 1,991	\$ 1,953
Commercial	395	383	464	474	496
Regulatory balancing accounts	240	221	295	305	289
Other	44	66	102	49	55
Bundled gas revenues	2,549	2,522	2,950	2,819	2,793
Transportation service only revenue	 555	 499	 400	 377	 349
Operating revenues	\$ 3,104	\$ 3,021	\$ 3,350	\$ 3,196	\$ 3,142
Selected Statistics:	 				
Average annual residential usage (Mcf)	44	45	49	48	48
Average billed bundled gas sales revenues per Mcf:					
Residential	\$ 10.29	\$ 9.99	\$ 10.39	\$ 10.20	\$ 10.00
Commercial	8.47	8.09	8.89	8.79	8.62
Net plant investment per customer	\$ 2,234	\$ 1,696	\$ 1,721	\$ 1,637	\$ 1,557

Public Purpose and Customer Programs

California law has established various public purpose programs related to energy efficiency, energy research and development, and renewable energy resources. These programs include the CSI and other self-generation programs, as discussed under "Self-Generation Incentive Program and California Solar Initiative," below. California law requires the CPUC to authorize funding for these programs through the collection of rate surcharges and other rate components. Additionally, the CPUC has authorized funding for energy savings assistance and demand response programs. For 2013, the Utility was authorized revenue requirements of \$724 million from electric customers and \$160 million from gas customers to fund public purpose and other programs.

Energy Efficiency Programs

The Utility's energy efficiency programs are designed to encourage the manufacture, design, distribution, and customer use of energy efficient appliances, other energy-using equipment and energy management products to meet energy savings goals in California. The CPUC has authorized a total of \$823 million to fund the Utility's 2013 and 2014 energy efficiency programs, including programs administered by the Marin Energy Authority, a CCA, and a regional network of San Francisco Bay area cities and counties.

On December 20, 2012, the CPUC approved an energy efficiency incentive mechanism to reward the Utility and other California energy utilities for the successful implementation of their 2010-2012 energy efficiency programs. The mechanism provides each utility with an earnings rate composed of a 5% management fee based on qualified program expenditures and an additional performance bonus of up to 1%. The Utility's earnings rate for the 2010-2012 energy efficiency program cycle is 5.68%. The CPUC has awarded the Utility \$21 million and \$22 million for program years 2010 and 2011, respectively. The utilities will file their incentive claims based on the CPUC-audited 2012 program expenditures in the third quarter of 2014 for approval by the CPUC in the fourth quarter of 2014.

On September 5, 2013, the CPUC approved a new energy efficiency incentive mechanism designed to reward the Utility and the other California investor-owned utilities for the successful implementation of their energy efficiency portfolios for 2013 and beyond. The mechanism provides each utility with an ability to earn shareholder incentives through four separate earnings categories. The mechanism includes a cap on earnings for the Utility of approximately \$41 million annually for 2013 and 2014.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

(Mark On ⊠	ANNUAL REPORT PURSUANT TO SECT 1934 For the Fiscal Year Ended December 31, 2014	TION 13 OR 15(d) OF THE SECUR	RITIES EXCHANGE ACT OF					
	TRANSITION REPORT PURSUANT TO S OF 1934	SECTION 13 OR 15(d) OF THE SE	CCURITIES EXCHANGE ACT					
For the tra	nsition period fromto							
Commission File Number	Exact Name of Registrant as Specified In Its Charter	State or Other Jurisdiction of Incorporation or Organization	IRS Employer Identification Number					
1-12609 1-2348	PG&E CORPORATION PACIFIC GAS AND ELECTRIC COMPANY	California California	94-3234914 94-0742640					
	PG&E Corporation. 77 Beale Street, P.O. Box 770000 San Francisco, California 94177	PG <mark>&</mark> E Ele	ecific Gas and ectric Company* et, P.O. Box 770000					
	Address of principal executive offices) (Zip Code) (415) 973-1000 tegistrant's telephone number, including area code)	(Address of principal e	San Francisco, California 94177 (Address of principal executive offices) (Zip Code) (415) 973-7000 (Registrant's telephone number, including area code)					
	Securities registered purs	suant to Section 12(b) of the Act:						
Title of ea	ch class	Name of each excha	ange on which registered					
Pacific Ga	orporation: Common Stock, no par value as and Electric Company: First Preferred Stock, amulative, par value \$25 per share: Redeemable: 5% Series A, 5%, 4.80%, 4.50%, 4 Nonredeemable: 6%, 5.50%, 5%	New York Stock Ex NYSE Amex Equition						
	Securities registered pursua	nt to Section 12(g) of the Act: None						
Indicate by	check mark if the registrant is a well-known seaso	ned issuer, as defined in Rule 405 of	the Securities Act:					
	PG&E Corporation Pacific Gas and Electric Company	Yes ☑ Yes						
Indicate by	check mark if the registrant is not required to file	reports pursuant to Section 13 or Sect	ion 15(d) of the Act:					
	PG&E Corporation Pacific Gas and Electric Company	$\begin{array}{c} \text{Yes} \ \square \ \text{Y} \\ \text{Yes} \ \square \ \text{Y} \end{array}$						
Exchange	y check mark whether the registrant (1) has filed all Act of 1934 during the preceding 12 months (or for and (2) has been subject to such filing requirements to	such shorter period that the registran						
	PG&E Corporation Pacific Gas and Electric Company	Yes ☑						

Electricity Operating Statistics

The following table shows certain of the Utility's operating statistics from 2012 to 2014 for electricity sold or delivered, including the classification of revenues by type of service.

5 51		2014	2013	2012
Customers (average for the year)		5,276,025	5,243,216	5,214,170
Deliveries (in GWh) (1)		86,303	86,513	86,113
Revenues (in millions):				
Residential	\$	4,784	\$ 5,091	\$ 4,953
Commercial		5,141	4,905	4,735
Industrial		1,543	1,388	1,408
Agricultural		1,172	1,021	901
Public street and highway lighting		79	75	79
Other (2)		(172)	(128)	(11)
Subtotal		12,547	12,352	12,065
Regulatory balancing accounts (3)		1,109	137	(51)
Total operating revenues	\$ _	13,656	\$ 12,489	\$ 12,014
Selected Statistics:				
Average annual residential usage (kWh)		6,458	6,752	5,961
Average billed revenues per kWh:				
Residential	\$	0.1603	\$ 0.1643	\$ 0.1594
Commercial		0.1585	0.1499	0.1449
Industrial		0.0998	0.0928	0.917
Agricultural		0.1516	0.1454	0.1458
Net plant investment per customer	\$	6,339	\$ 6,002	\$ 4,919

⁽¹⁾ These amounts include electricity provided to direct access customers and CCAs who procure their own supplies of electricity.

Natural Gas Utility Operations

The Utility provides natural gas transportation services to "core" customers (i.e., small commercial and residential customers) and to "non-core" customers (i.e., industrial, large commercial, and natural gas-fired electric generation facilities) that are connected to the Utility's gas system in its service territory. Core customers can purchase natural gas procurement service (i.e., natural gas supply) from either the Utility or non-utility third-party gas procurement service providers (referred to as core transport agents). When core customers purchase gas supply from a core transport agent, the Utility continues to provide gas delivery, metering and billing services to customers. When the Utility provides both transportation and procurement services, the Utility refers to the combined service as "bundled" natural gas service. Currently, more than 91% of core customers, representing nearly 80% of the annual core market demand, receive bundled natural gas service from the Utility.

The Utility does not provide procurement service to non-core customers, who must purchase their gas supplies from third-party suppliers. The Utility offers backbone gas transmission, gas delivery (local transmission and distribution), and gas storage services as separate and distinct services to its non-core customers. Access to the Utility's backbone gas transmission system is available for all natural gas marketers and shippers, as well as non-core customers. The Utility also delivers gas to off-system customers (i.e., outside of the Utility's service territory) and to third-party natural gas storage customers.

⁽²⁾ This activity is primarily related to a remittance of revenue to the Department of Water Resources ("DWR") (the Utility acts as a billing and collection agent on behalf of the DWR), partially offset by other miscellaneous revenue items.

⁽³⁾ These amounts represent revenues authorized to be billed. The 2014 activity represents an increase to balancing account receivable primarily related to the adoption of the 2014 GRC.

Natural Gas Operating Statistics

The following table shows the Utility's operating statistics from 2012 through 2014 (excluding subsidiaries) for natural gas, including the classification of revenues by type of service.

		2014		2013		2012
Customers (average for the year)		4,394,283	_	4,378,797	_	4,353,278
Gas purchased (MMcf)		202,215		240,414		247,792
Average price of natural gas purchased	\$	4.09	\$	3.29	\$	2.45
Bundled gas sales (MMcf):						
Residential		143,514		181,775		185,376
Commercial	_	42,080		46,668	_	47,341
Total Bundled Gas Sales		185,594		228,443		232,717
Revenues (in millions):						
Bundled gas sales:						
Residential	\$	1,683	\$	1,870	\$	1,852
Commercial		419		395		383
Other		51		44		66
Bundled gas revenues		2,153		2,309		2,301
Transportation service only revenue		662		555	_	499
Subtotal		2,815		2,864		2,800
Regulatory balancing accounts		617		240		221
Total operating revenues	\$	3,432	\$	3,104	\$	3,021
Selected Statistics:						
Average annual residential usage (Mcf)		34		44		45
Average billed bundled gas sales revenues per Mcf:						
Residential	\$	11.72	\$	10.29	\$	9.99
Commercial		9.96		8.47		8.09
Net plant investment per customer	\$	2,468	\$	2,234	\$	1,696

Competition

Competition in the Electricity Industry

California law allows qualifying non-residential customers of investor-owned electric utilities to purchase electricity from energy service providers other than the regulated utilities, (referred to as "direct access") up to certain annual and overall GWh limits that have been specified for each utility.

The Utility's customers may, under certain circumstances, obtain power from a CCA instead of from the Utility. California law permits cities and counties and certain other public agencies to generate and/or purchase electricity for their local residents and businesses after they have registered as CCAs and submitted an Implementation Plan to the CPUC. Under these arrangements, the Utility continues to provide transmission, distribution, metering, and billing services to the customers of the CCAs and remains the electricity provider of last resort for those customers. The law provides that a CCA can procure electricity for all of its residents who do not affirmatively elect to continue to receive electricity from the Utility. The Utility is able to recover from each CCA any costs of implementing the program that are reasonably attributable to the CCA, and to recover from all customers any costs of implementing the program not reasonably attributable to a CCA.

In some circumstances, governmental entities such as cities and irrigation districts, which have authority under the state constitution or state statute to provide retail electric service, seek to acquire the Utility's distribution facilities, either under a consensual transaction, or via eminent domain.

The Utility is also subject to increased competition due to the increasing viability of distributed generation and energy storage. The levels of self-generation of electricity by customers (primarily solar installations) and the use of customer net energy metering, which allows self-generating customers to receive bill credits at the full retail rate, are increasing.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K

(Mark One)

1

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

	For the Fis cal Year Ended December 31,	2015						
	TRANSITION REPORT PURSUANT TO SECTION 13 OF For the transition period from	* /	GE ACT OF 1934					
Commission File Number	Exact Name of Registrant as S pecified I n I ts C harter	State or Other Jurisdiction of Incorporation or Organization	IRS Employer Identification Number					
1-12609	PG&E CORPORATION	California	94-3234914					
1-2348	PACIFIC GAS AND ELECTRIC COMPANY	California	94-0742640					
	PG&E Corporation. 77 Beale Street, P.O. Box 770000 San Francisco, California 94177 (Address of principal executive offices) (Zip Code) (415) 973-1000 (Registrant's telephone number, including area code)	77 Beale Stree San Francisco (Address of principal e	cific Gas and ctric Company* ct, P.O. Box 770000 o, California 94177 executive offices) (Zip Code)					
	(Registrant's terephone number, including area code)	(415) 973-7000 (Registrant's telephone number, including area code)						
	Securities registered p	ursuant to Section 12(b) of the Act:						
Title of each c		Name of e ach e xchange on w	hich r egistered					
Pacific Gas and cumula Re	ation: Common Stock, no par value 1 Electric Company: First Preferred Stock, ative, par value \$25 per share: edeemable: 5% Series A, 5%, 4.80%, 4.50%, 4.36% conredeemable: 6%, 5.50%, 5%	New York Stock Exchange NYSE Amex Equities						
	Securities registered pur	suant to Section 12(g) of the Act: None						
Indicate by chec	ck mark if the registrant is a well-known seasoned issuer, as define	ed in Rule 405 of the Securities Act:						
	&E Corporation cific Gas and Electric Company	Yes ☑ No [Yes ☑ No [
Indicate by chec	ck mark if the registrant is not required to file reports pursuant to	Section 13 or Section 15(d) of the Act:						
	&E Corporation cific Gas and Electric Company	Yes □ No Yes □ No						
	ck mark whether the registrant (1) has filed all reports required to for such shorter period that the registrant was required to file such							
	&E Corporation iffic Gas and Electric Company	Yes ☑ No I Yes ☑ No I						

Electricity Distribution

The Utility's electricity distribution network consists of a pproximately 142,000 circuit miles of distribution lines (of which approximately 20% are underground and approximately 80% are overhead), 58 transmission switching substations, and 603 distribution substations, with a capacity of approximately 31,400 MVA. The Utility's distribution network interconnects with its transmission system, primarily at switching and distribution substations, where equipment reduces the high-voltage transmission voltages to lower voltages, ranging from 44 kV to 2.4 kV, suitable for distribution to the Utility's customers.

These distribution substations serve as the central hubs for the Utility's electric distribution network. Emanating from each substation are primary and secondary distribution lines connected to local transformers and switching equipment that link distribution lines and provide delivery to end-users. In some cases, the Utility sells electricity from its distribution facilities to entities, such as municipal and other utilities, that resell the electricity. In 2015 the Utility commenced operations in a new electric distribution control center facility in Rocklin, California, and expects to complete an additional facility in Concord, California, in 2016. These control centers form a key part of the Utility's efforts to create a smarter, more resilient grid.

In 2015, the Utility continued to deploy its Fault Location, Isolation, and Service Restoration circuit technology which involves the rapid operation of s mart s witches to reduce the duration of customer outages. Another 83 circuits were outfitted with this equipment, bringing the total deployment to 700 of the Utility 's 3200 distribution circuits. The Utility also installed o r replaced 20 distribution substation transformer banks to improve reliability and provide capacity to accommodate growing demand. The Utility pl ans to continue performing work to improve the reliability and safety of its electricity distribution operations in 2016.

Electricity Operating Statistics

The following table shows certain of the Utility's operating statistics from 201 3 to 201 5 for electricity sold or delivered, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for electricity sold in 2015, 2014 and 2013.

	2015	2014	2013
Customers (average for the year)	5,311,178	5,276,025	5,243,216
Deliveries (in GWh) (1)	85,860	86,303	86,513
Revenues (in millions):			
Residential	\$ 5,032	\$ 4,784	\$ 5,091
Commercial	5,278	5,141	4,905
Industrial	1,555	1,543	1,388
Agricultural	1,233	1,172	1,021
Public street and highway lighting	83	79	75
Other (2)	(84)	(172)	(128)
Subtotal	13,097	12,547	12,352
Regulatory balancing accounts (3)	560	1,109	137
Total operating revenues	\$ 13,657	\$ 13,656	\$ 12,489
Selected Statistics:		 	
Average annual residential usage (kWh)	6,294	6,458	6,752
Average billed revenues per kWh:			
Residential	\$ 0.1719	\$ 0.1603	\$ 0.1643
Commercial	0.1640	0.1585	0.1499
Industrial	0.0973	0.0998	0.0928
Agricultural	0.1610	0.1516	0.1454
Net plant investment per customer	\$ 6,660	\$ 6,339	\$ 6,002

⁽¹⁾ These amounts include electricity provided to direct access customers and CCAs who procure their own supplies of electricity.

⁽²⁾ This activity is primarily related to a remittance of revenue to the Department of Water Resources ("DWR") (the Utility acts as a billing and collection agent on behalf of the DWR), partially offset by other miscellaneous revenue items.

⁽³⁾ These amounts represent revenues authorized to be billed.

During 201 5, the Utility conducted an annual system-wide review of its transmission pipeline class location designations. The Utility also continued work to install 217 automatic and remote control shut-off valves on its gas transmission system, as specified in the eleventh of twelve safety recommendations made by the NTSB following its investigation of the San Bruno accident. As of December 31, 2015, the Utility had installed 235 automatic and remote control shut-off valves, and the NTSB closed that recommendation. The final safety recommendation, considered open and acceptable by the NTSB, involves hydrostatic testing nearly 1,000 miles of the Utility's gas transmission system. The Utility has completed the majority of this task and currently plans to complete the task for the remaining approximately 100 of pipelines (involving primarily short pipeline segments that include tie-in pieces, fittings or smaller diameter off-takes from the larger transmission pipelines) during 2018. Also, as part of the Utility's distribution integrity management program, the Utility completed approximately 23,500 sewer inspections during 2015 to identify and correct conflicts between gas and waste water facilities.

Natural Gas Operating Statistics

The following table shows the Utility's operating statistics from 201 3 through 201 5 (excluding subsidiaries) for natural gas, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for bundled gas sales in 2015, 2014 and 2013.

		2015	2014	2013
Customers (average for the year)	-	4,415,332	4,394,283	4,378,797
Gas purchased (MMcf)		209,194	202,215	240,414
Average price of natural gas purchased	\$	2.11	\$ 4.09	\$ 3.29
Bundled gas sales (MMcf):				
Residential		144,885	143,514	181,775
Commercial		43,888	42,080	46,668
Total Bundled Gas Sales	-	188,773	185,594	 228,443
Revenues (in millions):	•			
Bundled gas sales:				
Residential	\$	1,816	\$ 1,683	\$ 1,870
Commercial		403	419	395
Other		125	51	44
Bundled gas revenues	-	2,344	2,153	2,309
Transportation service only revenue		649	662	555
Subtotal	-	2,993	2,815	 2,864
Regulatory balancing accounts	-	183	617	240
Total operating revenues	\$	3,176	\$ 3,432	\$ 3,104
Selected Statistics:	•			
Average annual residential usage (Mcf)		35	34	44
Average billed bundled gas sales revenues per Mcf:				
Residential	\$	12.53	\$ 11.72	\$ 10.29
Commercial		9.18	9.96	8.47
Net plant investment per customer	\$	2,573	\$ 2,468	\$ 2,234

Competition

Competition in the Electricity Industry

California law allows qualifying non-residential electric customers of investor-owned electric utilities to purchase electricity from energy service providers rather than from the utilities up to certain annual and overall GWh limits that have been specified for each utility. This arrangement is known as "direct access." In addition, California law permits cities, counties, and certain other public agencies that have qualified to become a "community choice aggregator" (or "CCA") to generate and/or purchase electricity for their local residents and businesses. By law, a CCA can procure electricity for all of its residents who do not affirmatively elect to continue to receive electricity from a utility.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

a		ı	FORM 10-K	
(Mark One) ⊠		REPORT PURSUANT TO SECTION 13 OR 1s cal Year Ended December 31, 2016	5(d) OF THE SECURITIES EXCHANG	GE ACT OF 1934
	OF 1934	ON REPORT PURSUANT TO SECTION 13 (OR 15(d) OF THE SECURITIES E	EXCHANGE ACT
	For the tra	nsition period from to		
	mmission e Number	Exact Name of Registrant as S pecified I n I ts C harter	State or Other Jurisdiction of Incorporation or Organization	IRS Employer Identification Number
	1-12609 1-2348	PG&E CORPORATION PACIFIC GAS AND ELECTRIC COMPANY	California California	94-3234914 94-0742640
	PG PC	&E Corporation.	Pacific Gas and Electric Company	
		Street, P.O. Box 770000	77 Beale Street, P.O. Box 770	
(Ad		ncisco, California 94177 cipal executive offices) (Zip Code)	San Francisco, California 94: (Address of principal executive offices)	
(Au	dicss of princ	(415) 973-1000	(415) 973-7000	(Lip Code)
(Reg	gistrant's telep	shone number, including area code)	(Registrant's telephone number, including	ng area code)
		Securities registered pu	rsuant to Section 12(b) of the Act:	
Title of each	c lass		Name of e ach e xchange on w hich i	r egistered
Pacific Gas a	nd Electric (ulative, par va Redeemable:	amon Stock, no par value Company: First Preferred Stock, alue \$25 per share: 5% Series A, 5%, 4.80%, 4.50%, 4.36% ble: 6%, 5.50%, 5%	New York Stock Exchange NYSE MKT LLC	
		Securities registered pursu	uant to Section 12(g) of the Act: None	
Indicate by ch	neck mark if t	he registrant is a well-known seasoned issuer, as d	efined in Rule 405 of the Securities Act:	
	PG&E Corpo Pacific Gas at	ration ad Electric Company	Yes □ No ☑ Yes □ No ☑	
Indicate by ch	neck mark if t	he registrant is not required to file reports pursuan	t to Section 13 or Section 15(d) of the Act	t:
	PG&E Corpo Pacific Gas ar	ration ad Electric Company	Yes □ No ☑ Yes □ No ☑	
-	months (or f	ether the registrant (1) has filed all reports require or such sho rter period that the registrant was required.		=
	G&E Corpor acific Gas an	ation d Electric Company	Yes ☑ No ☐ Yes ☑ No ☐	

Electricity Operating Statistics

The following table shows certain of the Utility's operating statistics from 201 4 to 201 6 for e lectricity sold or delivered, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for electricity sold in 201 6, 201 5 and 201 4.

	2016	2015		2014
Customers (average for the year)	5,349,691		5,311,178	5,276,025
Deliveries (in GWh) (1)	83,017		85,860	86,303
Revenues (in millions):				
Residential	\$ 5,409	\$	5,032	\$ 4,784
Commercial	5,396		5,278	5,141
Industrial	1,525		1,555	1,543
Agricultural	1,226		1,233	1,172
Public street and highway lighting	80		83	79
Other (2)	(68)		(84)	(172)
Subtotal	13,568		13,097	12,547
Regulatory balancing accounts (3)	297		560	1,109
Total operating revenues	\$ 13,865	\$	13,657	\$ 13,656
Selected Statistics:				
Average annual residential usage (kWh)	6,115		6,294	6,458
Average billed revenues per kWh:				
Residential	\$ 0.1887	\$	0.1719	\$ 0.1603
Commercial	0.1716		0.1640	0.1585
Industrial	0.0990		0.0973	0.0998
Agricultural	0.1814		0.1610	0.1516
Net plant investment per customer	\$ 7,195	\$	6,660	\$ 6,339

⁽¹⁾ These amounts include electricity provided to direct access customers and CCAs who procure their own supplies of electricity.

Natural Gas Utility Operations

The Utility provides natural gas transportation services to "core" customers (i.e., small commercial and residential customers) and to "non-core" customers (i.e., industrial, large commercial, and natural gas-fired electric generation facilities) that are connected to the Utility's gas system in its service territory. Core customers can purchase natural gas procurement service (i.e., natural gas supply) from either the Utility or non-utility third-party gas procurement service providers (referred to as core transport agents). When core customers purchase gas supply from a core transport agent, the Utility c ontinues to provide gas delivery, metering and billing services to customers. When the Utility provides both transportation and procurement services, the Utility refers to the combined service as "bundled" natural gas service. Currently, more than 90% of core customers, representing n early 78 % of the annual core market demand, receive bundled natural gas service from the Utility.

The Utility does not provide procurement service to non-core customers, who must purchase their gas supplies from third-party suppliers. The Utility offers backbone gas transmission, gas delivery (local transmission and distribution), and gas storage services as separate and distinct services to its non-core customers. Access to the Utility's backbone gas transmission system is available for all natural gas marketers and shippers, as well as non-core customers. The Utility also delivers gas to off-system customers (i.e., outside of the Utility's service territory) and to third-party natural gas storage customers.

⁽²⁾ This activity is primarily related to a remittance of revenue to the Department of Water Resources ("DWR") (the Utility acts as a billing and collection agent on behalf of the DWR), par tially offset by other miscellaneous revenue items.

⁽³⁾ These amounts represent revenues authorized to be billed.

Natural Gas Operating Statistics

The following table shows the Utility's operating st atistics from 201 4 through 201 6 (excluding subsidiaries) for natural gas, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for bundled gas sales in 201 6, 201 5 and 201 4.

	2016		2015		2014
Customers (average for the year)	 4,442,379		4,415,332	-	4,394,283
Gas purchased (MMcf)	208,260		209,194		202,215
Average price of natural gas purchased	\$ 1.83	\$	2.11	\$	4.09
Bundled gas sales (MMcf):					
Residential	149,483		144,885		143,514
Commercial	46,507		43,888		42,080
Total Bundled Gas Sales	 195,990		188,773		185,594
Revenues (in millions):					
Bundled gas sales:					
Residential	\$ 1,968	\$	1,816	\$	1,683
Commercial	439		403		419
Other	149		125		51
Bundled gas revenues	2,556		2,344		2,153
Transportation service only revenue	800		649		662
Subtotal	3,356		2,993		2,815
Regulatory balancing accounts	446		183		617
Total operating revenues	\$ 3,802	\$	3,176	\$	3,432
Selected Statistics:					
Average annual residential usage (Mcf)	36		35		34
Average billed bundled gas sales revenues per Mcf:					
Residential	\$ 13.10	\$	12.53	\$	11.72
Commercial	9.45		9.18		9.96
Net plant investment per customer	\$ 2,808	\$	2,573	\$	2,468

Competition

Competition in the Electricity Industry

California law allows qualifying non-residential electric customers of investor-owned electric utilities to purchase electricity from energy service providers rather than from the utilities up to certain annual and overall GWh limits that have been specified for each utility. This arrangement is known as "direct access." In addition, California law permits cities, counties, and certain other public agencies that have qualified to become a CCA to generate and/or purchase electricity for their local residents and businesses. By law, a CCA can procure electricity for all of its residents and businesses which do not affirmatively elect to continue to receive elect ricity from a utility.

The Utility continues to provide transmission, distribution, metering, and billing services to direct access customers, although these customers can choose to obtain metering and billing services from their energy service provider. The CCA customers continue to obtain transmission, distribution, metering, and billing services from the Utility. In addition to collecting charges for transmission, distribution, metering, and billing services that it provides, the Utility is able to collect charges intended to recover the generation-related costs that the Utility incurred on behalf of direct access and CCA customers while they were the Utility's customers. The Utility remains the electricity provider of last r esort for these customers.

In some circumstances, governmental entities such as cities and irrigation districts, which have authority under the state constitution or state statute to provide retail electric service, may seek to acquire the Ut ility's distribution facilities, general ly through eminent domain. These same entities may, and sometimes do, construct duplicate distribution facilities to serve existing or new Utility customers.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

(Mark One	2)						
	ANNUAL REPORT PURSUANT TO SECTION	ON 13 OR 15(d) OF THE SECURITI r Ended December 31, 2017	IES EXCHANGE ACT OF 1934				
	TRANSITION REPORT PURSUANT TO SE	CTION 13 OR 15(d) OF THE SE OF 1934	CURITIES EXCHANGE ACT				
	For the transition period	from to					
Commission File Number	Exact Name of Registrant as S pecified I n I ts C harter	State or Other Jurisdiction of Incorporation or Organization	IRS Employer Identification Number				
1-12609 1-2348	PG&E CORPORATION PACIFIC GAS AND ELECTRIC COMPANY	California California	94-3234914 94-0742640				
	PG&E Corporation. 77 Beale Street, P.O. Box 770000 San Francisco, California 94177 ddress of principal executive offices) (Zip Code) (415) 973-1000 egistrant's telephone number, including area code)	77 Beale Street, San Francisco, (Address of principal exc (415) 9	ific Gas and dric Company , P.O. Box 770000 California 94177 ecutive offices) (Zip Code) 273-7000 number, including area code)				
	Securities registered pur	suant to Section 12(b) of the Act:					
	Title of each c lass	Name of e ach e x	change on w hich r egistered				
	&E Corporation: Common Stock, no par value Gas and Electric Company: First Preferred Stock, cumulative, par value \$25 per share: Redeemable: 5% Series A, 5%, 4.80%, 4.50%, 4 Nonredeemable: 6%, 5.50%, 5%	NY	ork Stock Exchange SE MKT LLC				
	Securities registered pursua	ant to Section 12(g) of the Act: None					
In	dicate by check mark if the registrant is a well-know	n seasoned issuer, as defined in Rule 4	05 of the Securities Act:				
	PG&E Corporation Pacific Gas and Electric Company		Yes □ No ⋈ Yes □ No ⋈				
Ind	icate by check mark if the registrant is not required	to file reports pursuant to Section 13 or	Section 15(d) of the Act:				
	PG&E Corporation Pacific Gas and Electric Company		Yes □ No ☑ Yes □ No ☑				
	whether the registrant (1) has filed all reports requires (or for such shorter period that the registrant was the p						
	PG&E Corporatio n Pacific Gas and Electric Company		Yes ☑ No □ Yes ☑ No □				

Electricity Operating Statistics

The following table shows certain of the Utility's operating statistics from 201 5 to 201 7 for electricity sold or delivered, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for electricity sold in 201 7, 201 6 and 201 5.

	201	7	2016	2015	
Customers (average for the year)	5,3	84,525	5,349,691	5,311,178	
Deliveries (in GWh) (1)		82,226	83,017	85,860	
Revenues (in millions):					
Residential	\$	5,693	\$ 5,409	\$ 5,032	
Commercial		5,431	5,396	5,278	
Industrial		1,603	1,525	1,555	
Agricultural		1,069	1,226	1,233	
Public street and highway lighting		79	80	83	
Other (2)		(294)	(68)	(84)	
Subtotal		13,581	13,568	13,097	
Regulatory balancing accounts (3)		(344)	297	560	
Total operating revenues	\$	13,237	\$ 13,865	\$ 13,657	
Selected Statistics:					
Average annual residential usage (kWh)		6,231	6,115	6,294	
Average billed revenues per kWh:					
Residential	\$	0.1936	\$ 0.1887	\$ 0.1719	
Commercial		0.1716	0.1716	0.1640	
Industrial		0.1055	0.0990	0.0973	
Agricultural		0.2041	0.1814	0.1610	
Net plant investment per customer	\$	7,486	\$ 7,195	\$ 6,660	

⁽¹⁾ These amounts include electricity provided to direct access customers and CCAs who procure their own supplies of electricity

Natural Gas Utility Operations

The Utility provides natural gas transportation services to "core" customers (i.e., small commercial and residential customers) and to "non-core" customers (i.e., industrial, large commercial, and natural gas-fired electric generation facilities) that are connected to the Utility's gas system in its service territory. Core customers can purchase natural gas procurement service (i.e., natural gas supply) from either the Utility or non-utility third-party gas procurement service providers (referred to as core transport agents). When core customers purchase gas supply from a core transport agent, the Utility continues to provide gas delivery, metering and billing services to customers. When the Utility provides both transportation and procurement services, the Utility refers to the combined service as "bundled" natural gas service. Currently, more than 95% of core customers, representing approximately 80 % of the annual core market demand, receive bundled natural gas service from the Utility.

The Utility generally does not provide procurement service to non-core customers, who must purchase their gas supplies from third-party suppliers, unless the customer is a natural gas-fired gene ration facility that the Utility has a power purchase agreement with that includes its generation fuel expense. The Utility offers backbone gas transmission, gas delivery (local transmission and distribution), and gas storage services as separate and dist inct services to its non-core customers. Access to the Utility's backbone gas transmission system is available for all natural gas marketers and shippers, as well as non-core customers. The Utility also delivers gas to off-system customers (i.e., outside of the Utility's service territory) and to third-party natural gas storage customers.

⁽²⁾ This activity is primarily related to provisions for rate refunds and unbilled electric revenue, partially offset by other miscellaneous revenue items.

⁽³⁾ These amounts represent rev enues authorized to be billed.

The Utility o wns and operates three underground natural gas storage fields and has a 25% interest in a fourth storage field, all of which are connected to the Utility's transmission system. The Utility owns and operates compressors and other facilities at these storage e fields that are used to inject gas into the fields for storage and later withdrawal. In addition, four independent storage operators are interconnected to the Utility's northern California transmission system. Changes to gas storage safety requirements by DOGGR have led the Utility to develop and propose in its 2019 GT&S rate case application a natural gas storage strategy which includes the discontinuation (through closure or sale) of operations at two gas storage fields. (For more information, see "R egulatory Matters" in Item 7. MD&A.)

In 2017, the Utility continued upgrading transmission pipeline to allow for the use of in-line inspection tools and continued its work on the final NTSB recommendation from its San Bruno investigation to hydrostatical ly test all high consequence pipeline mileage. The Utility currently plans to complete this NTSB recommendation by 2022 for remaining short pipeline segments that include tie-in pieces, fittings or smaller diameter off-takes from the larger transmission p ipelines.

Natural Gas Operating Statistics

The following table shows the Utility's operating statistics from 201 5 through 201 7 (excluding subsidiaries) for natural gas, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for bundled gas sales in 201 7, 201 6 and 201 5.

	2017	2016	2015
Customers (average for the year)	4,467,657	4,442,379	4,415,332
Gas purchased (MMcf)	234,181	208,260	209,194
Average price of natural gas purchased	\$ 2.30	\$ 1.83	\$ 2.11
Bundled gas sales (MMcf):			
Residential	160,969	149,483	144,885
Commercial	50,329	46,507	43,888
Total Bundled Gas Sales	 211,298	 195,990	188,773
Revenues (in millions):			
Bundled gas sales:			
Residential	\$ 2,298	\$ 1,968	\$ 1,816
Commercial	541	439	403
Other	(25)	149	125
Bundled gas revenues	2,814	2,556	2,344
Transportation service only revenue	976	800	649
Subtotal	3,790	3,356	2,993
Regulatory balancing accounts	221	446	183
Total operating revenues	\$ 4,011	\$ 3,802	\$ 3,176
Selected Statistics:			
Average annual residential usage (Mcf)	38	36	35
Average billed bundled gas sales revenues per Mcf:			
Residential	\$ 14.27	\$ 13.10	\$ 12.53
Commercial	11.36	9.45	9.18
Net plant investment per customer	\$ 3,093	\$ 2,808	\$ 2,573

Competition

Competition in the Electricity Industry

California law allows qualifying non-residential electric customers of investor-owned electric utilities to purchase electricity from energy service providers rather than from the utilities up to certain annual and overall GWh limits that have been specified for each utility. This arrangement is known as "direct access." In addition, California law permits cities, counties, and certain other public agencies that have qualified to become a CCA to generate and/or purchase electricity for their local residents and businesses. By law, a CCA can procure electricity for all of its residents and businesses that do not a ffirmatively elect to continue to receive electricity generated or procured by a utility.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

(Mark One)					
\boxtimes	ANNUAL REPORT PURSUANT TO SECTION 1	3 OR 15(d) OF THE SECURITIES EXC	HANGE ACT OF 1934		
	For the Fiscal Ye	ear Ended December 31, 2018			
	TRANSITION REPORT PURSUANT TO SECTION 13 OR For the transition period from to	15(d) OF THE SECURITIES EXCHAN	GE ACT OF 1934		
Commission File Number	Exact Name of Registrant as Specified In Its Charter	State or Other Jurisdiction of Incorporation or Organization	IRS Employer Identification Number		
1-12609	PG&E CORPORATION	California	94-3234914		
1-2348	PACIFIC GAS AND ELECTRIC COMPANY	California	94-0742640		
	PG&E Corporation.	PGGE Electric C			
	77 Beale Street, P.O. Box 770000	77 Beale Street, P.O	. Box 770000		
	San Francisco, California 94177	San Francisco, Cali			
	(Address of principal executive offices) (Zip Code)	(Address of principal executi			
	(415) 973-1000 (Registrant's telephone number, including area code)	(415) 973-7 (Registrant's telephone number			
	Securities registered pursuant t		n, morading area code)		
	Title of each class	Name of each exchange	on which registered		
	PG&E Corporation: Common Stock, no par value	New York	x Stock Exchange		
Pacific Gas and Electric Company: First Preferred Stock, cumulative, par value \$25 per share:					
	Redeemable: 5% Series A, 5%, 4.80%, 4.50%, 4.36%				
	Nonredeemable: 6%, 5.50%, 5%				
	Securities registered pursuant to S	ection 12(g) of the Act: None			
	Indicate by check mark if the registrant is a well-known seaso	oned issuer, as defined in Rule 405 of the Se	ecurities Act:		
	PG&E Corporation		Yes 🗆 No 🗷		
	Pacific Gas and Electric Company		Yes □ No 🗷		
	Indicate by check mark if the registrant is not required to file re	eports pursuant to Section 13 or Section 15((d) of the Act:		
	PG&E Corporation		Yes 🗆 No 🗷		
Pacific Gas and Electric Company					
	eeck mark whether the registrant (1) has filed all reports required to be 2 months (or for such shorter period that the registrant was required to past 90 da	file such reports), and (2) has been subject t			
	PG&E Corporation		Yes ⊘ No □		
	Pacific Gas and Electric Company		Yes ☑ No □		

These distribution substations serve as the central hubs for the Utility's electric distribution network. Emanating from each substation are primary and secondary distribution lines connected to local transformers and switching equipment that link distribution lines and provide delivery to end-users. In some cases, the Utility sells electricity from its distribution facilities to entities, such as municipal and other utilities, that resell the electricity. The Utility operates electric distribution control center facilities in Concord, Rocklin, and Fresno, California; these control centers form a key part of the Utility's efforts to create a smarter, more resilient grid.

Electricity Operating Statistics

The following table shows certain of the Utility's operating statistics from 2016 to 2018 for electricity sold or delivered, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for electricity sold in 2018, 2017 and 2016.

		2018	2017	2016
Customers (average for the year)	'	5,428,318	5,384,525	5,349,691
Deliveries (in GWh) (1)		79,774	82,226	83,017
Revenues (in millions):				
Residential	\$	5,051	\$ 5,693	\$ 5,409
Commercial		4,908	5,431	5,396
Industrial		1,532	1,603	1,525
Agricultural		1,234	1,069	1,226
Public street and highway lighting		72	79	80
Other (2)		(720)	(294)	(68)
Subtotal		12,077	13,581	13,568
Regulatory balancing accounts (3)		636	(344)	297
Total operating revenues	\$	12,713	\$ 13,237	\$ 13,865
Selected Statistics:				
Average annual residential usage (kWh)		5,772	6,231	6,115
Average billed revenues per kWh:				
Residential	\$	0.1838	\$ 0.1936	\$ 0.1887
Commercial		0.1627	0.1716	0.1716
Industrial		0.1010	0.1055	0.0990
Agricultural		0.1968	0.2041	0.1814
Net plant investment per customer	\$	7,950	\$ 7,486	\$ 7,195

⁽¹⁾ These amounts include electricity provided to direct access customers and CCAs who procure their own supplies of electricity.

Natural Gas Utility Operations

The Utility provides natural gas transportation services to "core" customers (i.e., small commercial and residential customers) and to "non-core" customers (i.e., industrial, large commercial, and natural gas-fired electric generation facilities) that are connected to the Utility's gas system in its service territory. Core customers can purchase natural gas procurement service (i.e., natural gas supply) from either the Utility or non-utility third-party gas procurement service providers (referred to as "core transport agents"). When core customers purchase gas supply from a core transport agent, the Utility continues to provide gas delivery, metering and billing services to customers. When the Utility provides both transportation and procurement services, the Utility refers to the combined service as "bundled" natural gas service. Currently, more than 97% of core customers, representing approximately 80% of the annual core market demand, receive bundled natural gas service from the Utility.

⁽²⁾ This activity is primarily related to provisions for rate refunds and unbilled electric revenue, partially offset by other miscellaneous revenue items.

⁽³⁾ These amounts represent revenues authorized to be billed.

The Utility owns and operates three underground natural gas storage fields and has a 25% interest in a fourth storage field, all of which are connected to the Utility's transmission system. The Utility owns and operates compressors and other facilities at these storage fields that are used to inject gas into the fields for storage and later withdrawal. In addition, four independent storage operators are interconnected to the Utility's northern California transmission system. Changes to gas storage safety requirements by DOGGR have led the Utility to develop and propose in its 2019 GT&S rate case application a natural gas storage strategy which includes the discontinuation (through closure or sale) of operations at two gas storage fields. (For more information, see "Regulatory Matters" in Item 7. MD&A.)

In 2018, the Utility continued upgrading transmission pipeline to allow for the use of in-line inspection tools and continued its work on the final NTSB recommendation from its San Bruno investigation to hydrostatically test all high consequence pipeline mileage. The Utility currently plans to complete this NTSB recommendation by 2022 for remaining short pipeline segments that include tie-in pieces, fittings or smaller diameter off-takes from the larger transmission pipelines.

Natural Gas Operating Statistics

The following table shows the Utility's operating statistics from 2016 through 2018 (excluding subsidiaries) for natural gas, including the classification of revenues by type of service. No single customer of the Utility accounted for 10% or more of consolidated revenues for bundled gas sales in 2018, 2017 and 2016.

	2018	2017	2016
Customers (average for the year) (1)	 4,495,279	4,467,657	4,442,379
Gas purchased (MMcf)	219,061	234,181	208,260
Average price of natural gas purchased	\$ 2.02	\$ 2.30	\$ 1.83
Bundled gas sales (MMcf):			
Residential	156,917	160,969	149,483
Commercial	51,357	50,329	46,507
Total Bundled Gas Sales	 208,274	 211,298	195,990
Revenues (in millions):			
Bundled gas sales:			
Residential	\$ 2,042	\$ 2,298	\$ 1,968
Commercial	537	541	439
Other	75	(25)	149
Bundled gas revenues	 2,654	2,814	2,556
Transportation service only revenue	1,151	976	800
Subtotal	3,805	3,790	3,356
Regulatory balancing accounts (2)	242	221	446
Total operating revenues	\$ 4,047	\$ 4,011	\$ 3,802
Selected Statistics:			
Average annual residential usage (Mcf)	38	38	36
Average billed bundled gas sales revenues per Mcf:			
Residential	\$ 12.67	\$ 14.27	\$ 13.10
Commercial	9.04	11.36	9.45
Net plant investment per customer	\$ 3,417	\$ 3,093	\$ 2,808

⁽¹⁾ These amounts include natural gas provided to direct access customers and CCAs who procure their own supplies of natural gas.

⁽²⁾ These amounts represent revenues authorized to be billed.