



2017 ANNUAL REPORT

CALIFORNIA
P U B L I C
U T I L I T I E S
C O M M I S S I O N



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ACRONYMS

AB	ASSEMBLY BILL
ALJ	ADMINISTRATIVE LAW JUDGE DIVISION
ARB	(CALIFORNIA) AIR RESOURCES BOARD
CAISO	CALIFORNIA INDEPENDENT SYSTEM OPERATOR
CALFIRE	CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION
CASF	CALIFORNIA ADVANCED SERVICES FUND
CEC	CALIFORNIA ENERGY COMMISSION
CEQA	CALIFORNIA ENVIRONMENTAL QUALITY ACT
CHCF	CALIFORNIA HIGH COST FUND
CPCN	CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
CPED	(CALIFORNIA PUBLIC UTILITIES COMMISSION) CONSUMER PROTECTION AND ENFORCEMENT DIVISION
CPUC	CALIFORNIA PUBLIC UTILITIES COMMISSION
CTF	CALIFORNIA TELECONNECT FUND
DA	DIVISION ANALYSIS
DDTP	DEAF AND DISABLED TELECOMMUNICATIONS PROGRAM
DGS	DEPARTMENT OF GENERAL SERVICES
DMV	DEPARTMENT OF MOTOR VEHICLES
DOF	DEPARTMENT OF FINANCE
FTA	FEDERAL TRANSIT ADMINISTRATION
GHG	GREENHOUSE GAS
IOU	INVESTOR OWNED UTILITY
IT	INFORMATION TECHNOLOGY
MW	MEGAWATT
NSHP	NEW SOLAR HOMES PARTNERSHIP
OGA	(CALIFORNIA PUBLIC UTILITIES COMMISSION) OFFICE OF GOVERNMENTAL AFFAIRS
OII	ORDER INSTITUTING INVESTIGATION
OIR	ORDER INSTITUTING RULEMAKING
ORA	OFFICE OF RATEPAYER ADVOCATES
PRA	PUBLIC RECORDS ACT
PU	PUBLIC UTILITIES (CODE)
PY	PERSONNEL YEAR
RPS	RENEWABLES PORTFOLIO STANDARD
SB	SENATE BILL
SED	(CALIFORNIA PUBLIC UTILITIES COMMISSION) SAFETY AND ENFORCEMENT DIVISION
SWRCB	STATE WATER RESOURCES CONTROL BOARD
TNC	TRANSPORTATION NETWORK COMPANY



LETTER TO THE GOVERNOR

Honorable Edmund G. Brown Jr., Governor of the State of California, and distinguished members of the California State Legislature:

This is the 2017 Annual Report and Work Plan of the California Public Utilities Commission (CPUC). The CPUC continues to play a key role in making California a national and international leader in a number of important policy areas for the industries we regulate, and this report highlights major activities and key actions of the CPUC in regulating the State's energy, water, transportation, and communications industries in 2017. Californians deserve safe, reliable utility service and infrastructure at reasonable rates, with a commitment to environmental quality and a prosperous California economy.

Continuing to build on reform and collaborative inter-agency efforts, the CPUC continues to implement legislative directives and to foster greater collaboration with other state agencies such as the California Office of Emergency Services, CALFIRE, the California Air Resources Board, the California Energy Commission, State Water Resources Control Board, and the California Independent Systems Operators. The CPUC has made continued progress reducing greenhouse gas emissions from California's electric industry, developing the infrastructure that will fuel California's transportation needs with that clean electricity, and ensuring that the infrastructure is safe, especially given the growing threat from climate change. We are developing the tools to further carry out the provisions of the Clean Energy and Pollution Reduction Act of 2015, [SB 350](#) (de León), and the Governor's 2015 Executive Order [B-30-15](#) now codified in [SB 32](#) (Pavley), adopted in 2016.

Continuing to improve the utilities' safety record remains critical to me and my fellow Commissioners. In 2017, we've made progress on embedding safety into all Commission actions and programs, improving the CPUC's safety culture and at the utilities the CPUC regulates. The failure of the Aliso Canyon storage facility and the catastrophic fires in both northern and southern California remind us that safety will likely grow in importance as California grows and its utility infrastructure ages.

The CPUC will continue to build on the substantial organizational change made in 2017, and it will continue to focus on its mission to ensure accessible, safe, affordable, sustainable, and reliable utility service, for California utility customers today and far into the future.

I hope you find this Annual Report informative.

Sincerely,



Michael Picker, President
California Public Utilities Commission



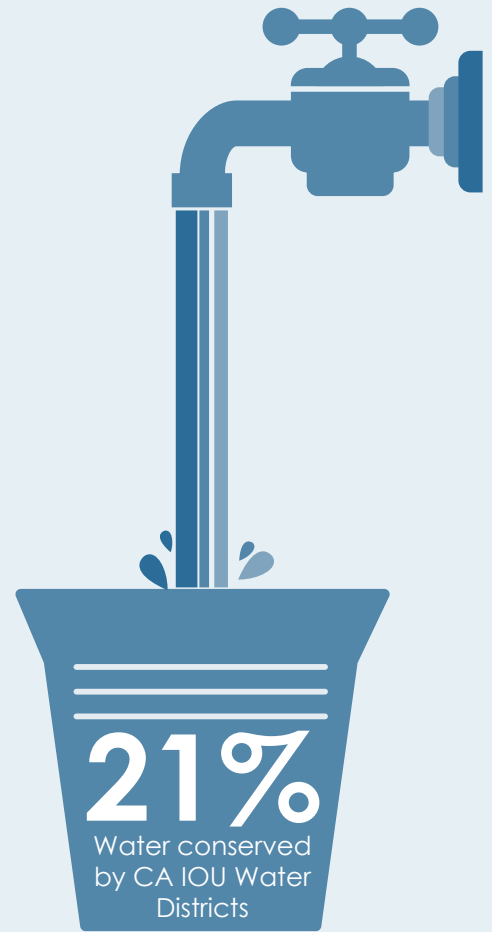
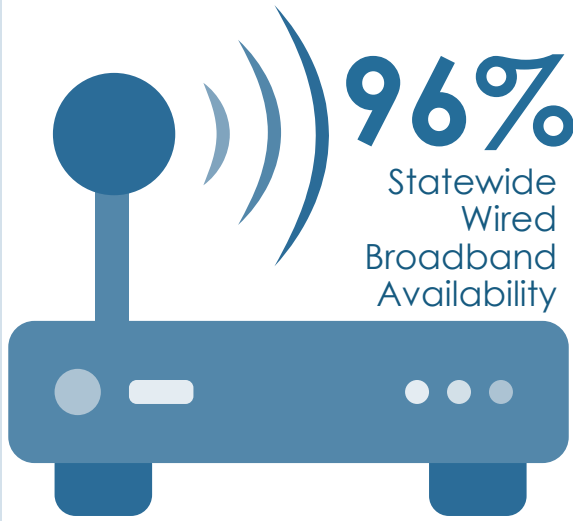
2017 KEY PERFORMANCE & ACCOMPLISHMENT STATISTICS

		2017 Total
Proceedings	Decisions Adopted	375
	Days of Evidentiary Hearings and Prehearing Conferences	302
	Public Participation Hearings	31
	Advice Letters Processed	2704
	Resolutions Adopted	121
Reports	White Papers and Staff Reports	96
Workshops	Workshops Held	172
Complaints	Consumer Complaints and Questions Received	31,713
Refunds	Refunds to Consumers from Informal Complaints - ALL	\$1.05 Million
Voting Meetings	Voting Meetings held outside San Francisco	6
Public Advisor	Assisted Consumers	14,012
	Reviewed Utility Customer Notices	224
TEAM and CHANGES Assistance	Needs Assistance Cases Successfully Resolved	3,700
	Conducted Outreach to Limited English Customers	400,000
	Resolved Complaints	2,700
Investigations	Electrical Incidents Investigated	131
	Gas Incidents Investigated	270
	Railroad and Rail Transit Incidents Investigated	323
	Non Rail Transportation Investigations Completed	342
Audits	Audits Completed - ALL	46
Inspections	Natural Gas Pipeline Safety Inspections	73
Fines & Penalties	Staff Citation Penalties Levied Against Energy Utilities	\$9.65 Million
	Fines and Penalties Levied for Energy Utilities - ALL	\$10.9 Million
	Fines Levied Against Telecommunications Companies	\$3.8 Million
	Fines Levied Against Transportation Companies	\$294,000
	Under Remittance of Surcharges and User Fees	\$23 Million
Permits	Permits and Certificates Issued - Transportation	3,149
CPUC Small Business & Disabled Veteran Business Enterprise Program	Achieved Small Business Participation (exceeds state goal)	49%
	Achieved DVBE Participation (exceeds state goal)	4.62%

2017 CPUC PROGRAM ACCOMPLISHMENTS

Universal Service Programs Funding: Telecommunication

\$996 MILLION



ENERGY

Low Income Assistance Funding

CARE - \$1.27 BILLION
ESA - \$372.73 MILLION

Renewable Generation Added

1,681MW/700,000 METRIC TONNES CO2E

Energy Efficiency Savings - Electric

3,264 GWH/3.7 MMT CO2e

Energy Efficiency Savings - Gas

62.7 MMT/3.7 MMT CO2e

Demand Response Savings

1,778 MW/10,668 MMT CO2e

Customer Owned Solar PV Added

831 MW/40,000 MMT CO2e



OUR MISSION

The CPUC regulates services and utilities, protects consumers, safeguards the environment, and assures Californians' access to safe and reliable utility infrastructure and services.

INTRODUCTION

The California Public Utilities Commission (CPUC), formerly the California Railroad Commission, was created by amendment to the State Constitution on October 10, 1911, and has had its powers and scope of work modified via legislative action for over a century. The CPUC regulates services and utilities, protects consumers, safeguards the environment, and assures Californians' access to safe and reliable utility infrastructure and services. It is a court and an administrative agency, with both legislative and judicial powers. It may take testimony in the same manner as a court; issue decisions and orders; and it may cite for contempt and may subpoena records of regulated utilities. The Commission also includes hundreds of individuals who inspect track, municipal rail systems, electric and communications wire and poles, and gas pipelines.

The CPUC is made up of five members appointed by the Governor, with consent of the Senate, for terms of six years. The appointments are made at different times, so that a majority of the Commissioners at all times will be experienced in carrying out CPUC duties and responsibilities. The organization is comprised of Commissioners, Divisions, Branches, and Offices, which work collaboratively and with sister agencies to ensure the CPUC meets statutory functions and objectives.

Each year, by February 1, the CPUC submits an Annual Report to the Governor and Legislature. The goal of the Annual Report is to detail the activities and accomplishments of the CPUC for the public, stakeholders, decision makers, and other interested parties so that the Governor, the Legislature and the public can

hold the Commission accountable for its services to Californians and determine what changes Californians require. This year's Annual Report has 6 chapters: of notable mention are the "Year in Review" and "2018 Work Plan" chapters, which follow a different format from previous years.

- Our 2017 report is divided into the 4 key public service areas that reflect the CPUC's core mission: 1) Access to Infrastructure; 2) Safety; 3) Prices and Services; 4) and Environment.

In meeting these public service responsibilities, the CPUC faces challenges from climate change; rapid advancements and adoption of technology; changing consumer patterns; aging infrastructure; increasing income disparities; workforce development within the organization and in the industries it regulates; and public outreach and engagement. These challenges have required the CPUC to become a learning and resilient organization.

2017 YEAR IN REVIEW

KEY PUBLIC SERVICE AREAS

ACCESS TO INFRASTRUCTURE & SERVICES



SAFETY



PRICES & SERVICES



ENVIRONMENT



We are continuously being reminded that weather and natural disasters are becoming more disruptive to our social, built, and natural systems. A changing climate poses threats to public safety, access to infrastructure, and rates and reliability. There have been many notable natural events in 2017 that illustrate a new reality for regulators and industry: a historic drought ended with one of the wettest years on record; catastrophic wildfires in Northern and Southern California led to tragic loss of life and extensive damage and suggest that we may be moving toward a year round fire season; and record setting high-temperatures led to electricity use records throughout the state and U.S. South.

California's energy and environmental policies continue to drive major change. In 2017, the state received nearly 33 percent of its electricity from renewable sources, and is on track to have well over 40 percent of its energy coming from renewable sources by 2020. California has set its sights even higher, by establishing a goal of meeting 50 percent of its electrical needs with renewable energy by 2030, which is one of the most ambitious clean energy goals in the U.S.

In addition to challenges from natural events, we are experiencing - at the local and global levels - rapid and significant changes in technology, especially in how it influences our understanding and engagement with the world around us: whether it's how we get our news and information, communicate with family and friends, use electricity, or commute to work. Technology is changing and we must respond

to rapid changes in regulated, and sometimes newly regulated industries.

In response, the CPUC has made changes that better position the organization to adapt to changing circumstances. Some of these changes include establishing and monitoring the CPUC's strategic directives to track how the CPUC is performing; promoting safety culture within the organization, improving relationships and communication with outside entities, and workforce development.

In the spirit of focusing on its mission statement, this year we decided to group activities and highlights for the 2017 and the 2018 Work Plan under 4 categories from the CPUC's mission statement. The rationale for this report's structural change is to communicate the work and achievements of the CPUC in a way that directly connects to the organization's mission statement.

ACCESS TO INFRASTRUCTURE

Access to infrastructure and services is essential for people to function in today's complex world. Over the years, legislation and executive orders have raised the CPUC's role in addressing the obstacles to service caused by geography, income, or disability. Programs and activities range from those that help low-income customers with their utility bills and services, to those that ensure access and safety of utility pole infrastructure.

SAFETY

The CPUC's responsibilities span a wide range of industries with different safety hazards and various degrees of risk. Key CPUC functions include robust auditing, inspection, and enforcement to protect the public, environment and infrastructure; ensuring that utilities spend wisely to construct, maintain and replace infrastructure to provide safe and reliable services; and constantly measuring progress toward greater levels of safety by regulated entities.

PRICES AND SERVICES

The CPUC ensures that rates are just and reasonable, and it must approve all rates in water, gas, and energy, that jurisdictional utilities charge customers. Once a utility's revenue requirement has been determined, a utility must propose what rate will be charged to customers in order to recover the revenue requirement. Rates are set in formal CPUC proceedings.

ENVIRONMENT

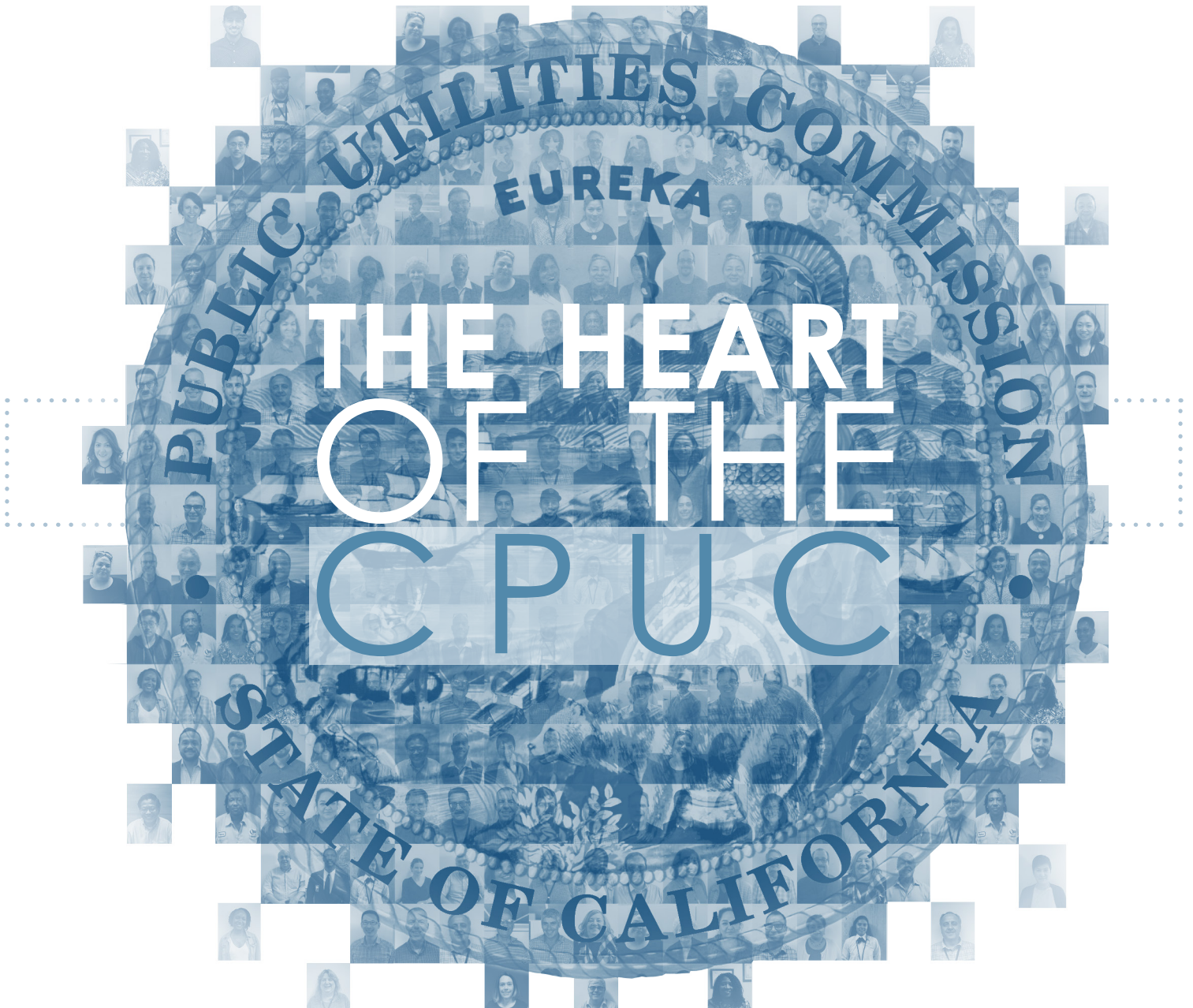
A key element of the CPUC's mission is to safeguard the environment. The organization plays a key role in making California a national and international leader in a number of important environmental policy areas. The CPUC oversees key programs in energy that are world-renowned and studied for their climate change benefits.

MISSION SUPPORT

At the heart of the CPUC are the employees who are critical to all organizational functions and accomplishments. They work as ALJs, lawyers, human resources professionals, finance experts, and IT administrators.

The CPUC has made significant progress in 2017, meeting some of its core human resources challenges, including lowering its historically high vacancy rate, decentralizing its operations beyond San Francisco, and providing employees with the resources and support they need to succeed. Some notable actions include:

- Training and support for new hires, increasing recruitment efforts throughout the state to attract new talent, and streamlining the process for hiring and promoting new staff.



- Developing and launching an Employee Recognition Program through peer and supervisory nominations to recognize outstanding service in 4 areas: Building Morale, Driving Innovation, Embodiment of Core Values and Excelling at Customer Service.
- Increasing the amount of staff based in Sacramento as a way of ensuring greater regional representation. Exams for the Public Utilities Regulatory Analyst (PURA) classification were redesigned and now administered online, thereby reducing the resource intense process previously in place. These changes allow the CPUC to recruit more

candidates outside of the geographic areas of SF and LA to increase the quality and quantity of candidates.

- Launching an Onboarding Program for interested employees and new hires. The Onboarding Series is a learning program that provides a foundational overview of the various functions, responsibilities, and role of the CPUC, while emphasizing how staff has a critical role in serving the public interest and bettering the lives of Californians.
- New Employee Orientation (NEO) is a supporting component of the onboarding efforts that takes employees through a virtual process to fill out their paperwork, with the purpose of the document and FAQs built into the forms so that new employees can self-pace and gain necessary information at their fingertips.

These steps were taken to ensure the CPUC is competitive in hiring, retaining, and developing its workforce, and they ensure the organization continues to meet a high standard of public service.

The CPUC also continued with its efforts to change the culture at the Commission and become a more transparent and accountable agency. Among other actions, the Commissioners adopted new rules of procedure that tighten ex parte communications, pursuant to SB 215; amended its Commissioner Code of Conduct to strengthen expectations about acceptance of travel payments to avoid any appearance of improprieties; and conducted extensive public outreach and additional public participation hearings, pursuant to SB 512 and other initiatives.

2017 Activity Highlights:

ACCESS TO INFRASTRUCTURE



The following activities illustrate actions to help increase or maintain access to infrastructure and services.

INCREASING ACCESS TO AFFORDABLE ENERGY - R.15-03-010

Pursuant to [AB 2672](#) (Perea, 2014) the CPUC opened [Rulemaking \(R.15-03-010\)](#) to investigate access to natural gas and improve access to clean affordable energy in eight counties identified in AB 2672 as disadvantaged in the San Joaquin Valley.

- The CPUC adopted Decision 17-05-014 identifying 170 communities with limited or no access to natural gas, and convened public meetings throughout the Central Valley to seek input about potential clean energy options. Clean energy pilots are currently being developed for launch sometime in 2018.

CALIFORNIA LIFELINE PROGRAM – R.11-03-013

The California LifeLine Program provides a monthly discount or Specific Support Amount of up to \$13.75 (adjusted annually every January 1st) to qualifying low-income households to subscribe to high-quality basic telephone service (either wireline or wireless service) at affordable rates, pursuant to Public Utilities Code Section 871.5. With the combined federal Lifeline and California LifeLine discounts, a California LifeLine participant is eligible for a free wireless service plan with unlimited talk, text and some data.

- In 2017, the CPUC issued Decision 17-01-032 that addressed the reimbursement of service activation charges for California LifeLine wireless telephone services; implemented a 60-day benefit portability freeze (Assembly Bill 2570, Quirk) requiring a California LifeLine participant to stay with the same provider for at least 60 days; and adopted an enrollment freeze requiring a consumer with a pending enrollment request to wait 30 days to submit another enrollment request to receive a California LifeLine discount for cell phone service.

ACCESS TO UTILITY POLES – I.15-11-007

Under federal law, every utility is required to provide nondiscriminatory access to every pole, duct, and conduit they control. (47 USC Section 224(f)). With the December 2016 decision adopted in [I.15-11-007](#), the CPUC directed the Communications Division to open an OIR into access to utility poles, conduit and right-of-way within 9 months of the decision, e.g., by September 1, 2017.

- In June 2017, R.17-06-028 was opened to examine both safety and competition aspects of access to the legacy infrastructure. The proceeding will involve owners of the infrastructure; current users such as cable companies, electric utilities, wireless companies, and potential future users.

CALIFORNIA ADVANCED SERVICES FUND – IMPLEMENTING SB 745

In 2017, the CPUC reopened Order Instituting Rulemaking (OIR) 12-10-012 to implement the provisions of [SB 745](#) (Hueso, 2016), universal service legislation that extends existing monies in the California Advanced Services Fund (CASF) Public Housing Account through December 31, 2020. The bill also limits program eligibility to unserved public housing developments, and changes eligibility and reporting for the Consortia Grant Account.

- In August 2017, Resolution T-17575 was adopted, which modified rules for the Public Housing and Consortia Accounts pursuant to SB 745, now codified as Public Utilities Code § 281, et seq.

LOW INCOME ORDER INSTITUTING RULEMAKING - R.17-06-024

The CPUC opened an Order Instituting Rulemaking 17-06-024 to continue efforts to ensure that low-income water customers have access to safe, clean, and affordable water for human consumption, cooking and sanitary purposes¹. The OIR will address the CPUC's 2010 Water Action Plan objective of achieving consistency between the nine Class A water utilities' low-income rate assistance programs².

- The CPUC opened R.17-06-024 to begin a review of the low-income rate assistance programs of the Class A water utilities to assess the feasibility of achieving program consistency. The Commission will also consider water affordability, and whether other public revenue sources within and outside of our jurisdiction can be generated to contribute to affordability. This involves working in collaboration with the SWRCB on affordability of clean, safe drinking water for low-income and disadvantage communities, including consideration of greater pooling and consolidation opportunities. In November, the CPUC held a public workshop with the SWRCB on access and affordability of safe, clean, reliable drinking water.

PASSENGER AND HOUSEHOLD GOODS TRANSPORTATION³

In 2017, the CPUC Transportation Enforcement Branch responded to 373 informal consumer complaints against passenger and household goods carriers, issued 3,149 operating permits, and completed 342 enforcement investigations. The CPUC regulates passenger carriers and household goods carriers under Public Utilities Code Sections 5351 and 5131.

¹California Water Code Section 106.3 states it is the policy of the state of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.

²Class A water utilities includes every corporation or person owning, controlling, operating, or managing any water system for compensation within California having more than 10,000 service connections (Pub. Util Code Section 241 and Decision 85-04-076).

³Household Goods Transportation regulatory duties will be transferred to the California Department of Consumer Affairs by July 1, 2018.

2017 ACTION/ACTIVITY	TOTAL
INFORMAL COMPLAINTS	373
OVERCHARGE REFUNDS	\$52,705
INVESTIGATIONS COMPLETED	342
CITATIONS ISSUED	102
FINES ASSESSED	\$294,500
CEASE AND DESIST NOTICES	275
CRIMINAL ACTIONS	13
PERMITS APPROVED	3,149
PERMITS SUSPENDED	4,800
PERMITS REINSTATED	3,600

ASSISTING CONSUMERS AND PREVENTING DISCONNECTIONS

In 2017, the CPUC Consumer Affairs Branch (CAB) directly assisted more than 32,216 Californians through personal contact via phone calls, written correspondence and online interactions. Problems were resolved by providing consumers with information, referrals to other resources better equipped to address the issue, and informal complaint resolution assistance.

- CAB's work for 2017 resulted in refunds of \$1,046,416.24 to consumers as follows: \$611,906.36 from communications companies, \$387,865.87 from energy providers and \$46,644.01 from water companies.










³Household Goods Transportation regulatory duties will be transferred to the California Department of Consumer Affairs by July 1, 2018.

⁴Contacts include complaints, inquiries, other items (e.g. contacts in which funds are impounded pending resolution and contacts that are "misdirected" in which consumers mistakenly contacted CAB when they were trying to reach utilities, higher officials or other non-CPUC entities). In these cases CAB staff helps the consumer reach the appropriate entity and the data in this table more fully reflects both direct and indirect assistance provided to California consumers.

**Other includes contacts about non-CPUC regulated companies such as municipal utilities and 3rd party billers, as well as contacts that are pending assignment for processing.

***Total contacts received do not include written contacts that are open awaiting processing on 12/31/17.

Summary of Informal Contacts⁴ for 2017

	 COMMUNICATIONS	 ENERGY	 WATER	 OTHER**	 TOTALS***
 PHONE CONTACTS	7,987	8,071	1,013	1,892	18,963
 WRITTEN CONTACTS	7,538	3,995	445	772	12,750
TOTAL CONTACTS RECEIVED	15,525	12,066	1,458	2,664	31,713
 PHONE CONTACTS	7,987	8,071	1,013	1,892	18,963
 WRITTEN CONTACTS	7,842	3,921	437	1,053	13,253
TOTAL CONTACTS CLOSED	15,829	11,992	1,450	2,945	32,216
WRITTEN CONTACTS IN PROCESS EOY 2017	466	528	52	9	1,055
TOTAL REFUNDS	\$611,906.36	\$387,865.87	\$46,644.01	N/A	\$1,046,416.24

UPDATED WEBPAGES FOR CONSUMERS

In August 2017, the CPUC Consumer Affairs Branch (CAB) restructured and upgraded its consumer-related webpages on the CPUC website as CaliforniaCares.com.

- Now consumers can easily find a direct route, with fewer clicks, to services including the online complaint form on the CPUC's website. CaliforniaCares.com provides a portal from the internet that consumers can find easily through a web search. See <http://consumers.cpuc.ca.gov/californiacares/>.

CONSUMER INFORMATION MANAGEMENT SYSTEM (CIMS) DATABASE

- In 2017, the CPUC Consumer Affairs Branch (CAB), with assistance of the CPUC's IT group, initiated an upgrade of its database known as the Consumer Information Management System (CIMS). The database upgrade will allow CAB to comply with recommendations from the California State Auditor for improving quality assurance processes and data quality.

2017 Activity Highlights:

SAFETY



Ensuring public safety is critical to the mission of the CPUC. As stated in Section 451 of the Public Utilities Code: Every public utility shall furnish and maintain such adequate, efficient, just and reasonable service...necessary to promote the safety, health, comfort, and convenience of its patrons, employees, and the public. The following activities in 2017 focused on increasing safety.

OCTOBER FIRE SIEGE INVESTIGATIONS COORDINATION - CPUC/CAL FIRE

The CPUC's Safety & Enforcement Division (SED) has worked closely with the California Department of Forestry & Fire Protection (CALFIRE) to respond to and investigate the deadly fires in Northern California that have come to be known collectively as the "October Fire Siege". The fires began on Sunday, October 8, 2017 and quickly spread throughout the counties north of San Francisco. During the October Fire Siege, CALFIRE responded to over 250 wildfires, including 21 major wildfires that, in total, burned over 245,000 acres. At the fire's peak over 11,000 firefighters battled the destructive fires. This does not include the thousands of support staff, local law enforcement, National Guard and other agencies called upon to assist during this event. Over 100,000 people were forced to evacuate their homes and businesses. An estimated 8,900 structures were destroyed, and sadly, 42 lives were tragically lost.

- In 2017, a Memorandum of Understanding (MOU) for joint operations was signed to help facilitate incident response coordination and investigations between the CPUC and CALFIRE. The CPUC's Electric Safety & Reliability Branch continues investigating any role that utility equipment may have played in the fires, potential violations of safety regulations, and the restoration of service efforts for both electric and telecommunications companies. The CPUC has responded to dozens of Public Records Act requests, making every effort to provide timely and transparent access to relevant documents, without impairing a fair and accurate investigation.

CPUC ISSUES \$8.3 MILLION PENALTY AGAINST PG&E IN BUTTE FIRE

The Safety and Enforcement Division (SED) investigated PG&E for the Butte Fire of September 2015 that burned 70,868 acres, destroyed 921 structures and resulted in two civilian fatalities and one serious injury. The investigation found that a gray pine tree contacted a PG&E 12-kilovolt (kV) overhead electric conductor and caused an ignition that started the fire.

- In April 2017, the CPUC issued two staff Citations totaling \$8.3 million to PG&E for several violations related to the Butte Fire of September 2015. The CPUC issued an \$8 million citation to PG&E for violating General Order 95, Rule 31.1, for failing to maintain its 12 kV overhead conductors safely and properly. The second citation was issued to PG&E for \$300,000 for failure to timely report to the CPUC that PG&E's facilities may have been linked to the ignition of the Butte Fire. PG&E additionally was cited for failing to maintain the minimum required clearance around the 12 kV conductor.

FIRE SAFETY MAPS AND ENHANCED REGULATIONS NEAR COMPLETION – R.15-05-006

Nearly two years of collaborative effort between the CPUC, CALFIRE and representatives of utilities and stakeholder groups has resulted in an updated and more comprehensive “Fire Map” for the state of California that delineates areas of highest risk of wildfires, based on weather, wind, and the effects of drought. Associated with the new map, which significantly expands the risk area in Northern California, the CPUC is considering dozens of recommended changes to electric General Order 95 to tighten regulations for vegetation management, inspections and tree-line clearances in high risk areas.

- The [final Independent Review Team \(IRT\)-approved CPUC Fire-Threat Map](#) was filed on November 17, 2017. Interested parties will have an opportunity to submit alternate maps, written comments on the IRT-approved map and alternate maps (if any), and motions for Evidentiary Hearings. It is anticipated that a final CPUC Fire-Threat Map will be approved and adopted in the first quarter of 2018. The adopted CPUC Fire-Threat Map, together with the map of Tier 1 High Hazard Zones on the USFS-CAL FIRE joint map tree mortality High Hazard Zones, will comprise the High Fire-threat District Map where stricter fire-safety regulations apply.
- The CPUC has adopted new, more stringent regulations. Some examples include:
 - Prioritizing correction of safety hazards based, in part, on whether the safety hazard is located in the High Fire-Threat District.
 - Correct non-immediate fire risks in Tier 2 of the high Fire-Threat District within 12 months, and in Tier 3 within 6 months.
 - Maintain increased clearances between vegetation and power lines through the High Fire-Threat District.
 - Maintain more stringent wire-to-wire clearances for new and reconstructed facilities in Tier 3.
 - See proceeding R.15-05-006 for more information. (<http://www.cpuc.ca.gov/cpublog.aspx?id=6442455289&blogid=1551>).

FEDERAL EVALUATION MARKS CONTINUED IMPROVEMENT ON GAS SAFETY ISSUES RECOGNIZED BY STRONG FEDERAL EVALUATION

The safety inspection and enforcement program under SED’s Gas Safety & Reliability Branch (GSRB) is evaluated yearly by the Pipeline and Hazardous Materials Safety Administration (PHMSA). For the third consecutive year, the annual audit showed nearly across-the-board improvements in scores for state program evaluation.

- In 2017, draft results showed a score for program evaluation of 97.9%, continuing the trend of improvement since 2013:
 - The PHMSA evaluation also made these key findings California’s Pipeline Safety Assurance:
 - California leads the nation in pipeline safety enforcement;
 - California has the largest gas distribution system in the nation and fifth largest transmission system;
 - The CPUC is recognized as a leader in reducing the risks associated with “grandfathered” pipe under the pressure test/replacement requirements of PU Code § 958.

BUILDING CLOSE PARTNERSHIP FOR SAFETY ASSURANCE ACTIVITIES AT NATURAL GAS STORAGE FACILITIES

The CPUC continues close coordination with the Department of Oil, Gas and Geothermal Resources (DOGGR) under a Memorandum of Understanding (MOU) signed in 2016 to ensure that the resumption of storage activities at Aliso Canyon is

PROGRAM AREAS	CY-2013			CY-2014			CY-2015			CY-2016		
	MAX 2013	CPUC SCORE		MAX 2014	CPUC SCORE		MAX 2015	CPUC SCORE		MAX 2016	CPUC SCORE	
A PROGRESS REPORT & PROGRAMS	10	7.5	75%	10	9.5	95%	10	10	100%	10	10	100%
B PROGRAM INSPECTION PROCEDURES	15	13	87%	13	12.5	96%	13	13	100%	13	12.5	96%
C PROGRAM PERFORMANCE	46	42	91%	46	43	93%	50	48	96%	49	47	96%
D COMPLIANCE ACTIVITIES	15	12	80%	15	12	80%	15	13	87%	15	15	100%
E INCIDENT INVESTIGATIONS	9	5	56%	11	9.5	86%	11	11	100%	11	11	100%
F DAMAGE PREVENTION	8	8	100%	8	8	100%	8	8	100%	8	8	100%
G FIELD INSPECTIONS	11	8	73%	12	10	83%	12	12	100%	12	12	100%
TOTALS	114	95.5	84%	115	104.5	91%	119	115	96%	118	115.5	97.9%

conducted to ensure both safety of operations and reliability of natural gas service in the state.

- In response to passage of SB 380 (Pavley, 2015), the CPUC, in February, opened an investigation OII 17-02-002 to determine the feasibility of minimizing or eliminating the use of the Aliso Canyon storage while still maintaining energy and electric reliability for the region. A second investigation I.17-03-002, is looking into whether the extended curtailment of operations at Aliso Canyon should lead to a determination that expenses associated with the outage should be disallowed from SoCal Gas' rates.

NATURAL GAS LEAK ABATEMENT PROGRAM INSTITUTES LANDMARK EFFORT TO STEM METHANE EMISSIONS

On September 14, 2014, Governor Jerry Brown signed into law SB 1371 (Leno, 2014) that requires new methane leak monitoring, detection, and prevention actions by gas companies. Controlling methane leaks reduces emissions of a potent greenhouse gas and also improves safety. In January 2015, the CPUC opened an Order Instituting Rulemaking (R.) 15-01-008 (OIR) to implement the provisions of SB 1371.

- On June 15, 2017, the CPUC adopted a landmark program for methane leak reporting and reduction activities on the state's natural gas system. The decision formalized annual gas leak reporting and instituted the use by gas companies – utilities and storage operators – of 26 Best Practices for leak detection, quantification and repairs.

The CPUC Safety and Enforcement Division (SED) staff, working in close collaboration with the California Air Resources Board, led the effort to develop the best practices portfolio. Compliance Plans by the gas companies are due in March 2018.

PG&E SAFETY CULTURE INVESTIGATION LEADS TO HOST OF RECOMMENDATIONS - I.15-08-019

In 2015, the CPUC voted to investigate the safety and corporate culture of Pacific Gas & Electric (PG&E) and PG&E Corporation (PG&E Corp.) after a 5-year string of safety related problems. The CPUC, during the first phase of this proceeding, directed the CPUC's Safety and Enforcement Division (SED) to evaluate PG&E's and PG&E Corp.'s organizational culture, governance, policies, practices, and accountability metrics in relation to PG&E's record of operations, including its record of safety incidents, and to produce a report on the issues and questions contained in this order. In a later phase of this investigation, the CPUC may consider revising existing or imposing new orders and conditions on PG&E or PG&E Corp. as necessary and appropriate to optimize public utility resources and achieve the operational standards and performance record required by law.

- In May 2017, the CPUC released the results of a year-long investigation into whether and how well Pacific Gas & Electric has been in building a “culture of safety” into its operations and corporate governance practices. The report, produced by independent consultant NorthStar Consulting, found mixed results and that more work by PG&E is needed to ensure the safety of the public, utility employees and contractors. Of nearly 60 recommendations made by NorthStar, some of the highest priorities are to:
 - Add safety to the list of qualifications for members of the Board of Directors;
 - Reassess, justify and stabilize the many safety culture change initiatives that PG&E has introduced in the past six years, and;
 - Develop a comprehensive safety plan to address culture, employee health and wellness, contractor safety, employee safety and public safety.
- There are scheduled hearings in early 2018 on the Safety Culture report and how PG&E is responding to the recommendations.

PG&E GENERAL RATE CASE SETTLEMENT ADOPTS STRONG SAFETY FOCUS

Public Utilities Code Sections 454 and 728 hold the Commission responsible for ensuring that rates are just and reasonable. The General Rate Case (GRC) of the large energy utilities has long been processed according to the Commission's Rate Case Plan (RCP), which establishes the minimum filing requirements and the procedural timelines for these proceedings. In the wake of the San Bruno tragedy, the CPUC also opened several Rulemaking proceedings to evaluate the manner in which the regulated utilities consider safety and risk in their operations, and to mandate improvements in those practices. The results of these proceedings have supported the CPUC's efforts to prioritize its consideration of safety and risk in GRC proceedings.

- In May 2017, the CPUC approved, with some modification, a comprehensive settlement of issues in the Pacific Gas & Electric 2017 General Rate Case (D.17-05-013). PG&E's total authorized 2017 revenue requirements for its gas distribution, electric distribution, and electric generation lines of business will be \$8 billion. The settlement agreement affirmed PG&E's proposed spending for safety and risk-reduction efforts that were highlighted in the Safety and Enforcement Division (SED) Risk Assessment & Safety Advisory (RASA) staff evaluation issued in March 2016. The GRC decision included a substantial increase in safety reporting requirements and directed SED to ensure utility adherence to safety spending accountability and safety performance metrics reporting to prove

the effectiveness of safety expenditures.

LONG BEACH INVESTIGATION SETTLED

As a consequence of serious problems in Southern California Edison Company’s (“SCE”) electrical system, the City of Long Beach suffered multiple and significant power outages that affected up to 30,000 SCE customers, including a five-day outage from July 15 to July 20, 2015 and a four-day outage from July 30 to August 3, 2015.

- In September 2017, the CPUC approved a settlement agreement between the CPUC’s Safety and Enforcement Division’s Electric Safety & Reliability Branch (ESRB) and SCE to resolve the investigation of fires and explosions in underground electric vaults that caused power outages in Long Beach for several days in the summer of 2015. ESRB conducted a full investigation of the outages and prepared an investigation report that led to an OII, and ultimately a settlement. SCE will pay \$4 million in penalties and agreed to spend \$11 million for enhanced safety programs.

PHYSICAL SECURITY OF ELECTRIC SUBSTATIONS BRINGS IOUS AND MUNIS TOGETHER - R-15-06-009

Initiated in response to passage of Senate Bill 699 (Hill, 2013), this proceeding directed the CPUC “to consider rules to address the physical security of the distribution systems of electric corporations.” In spring 2017, staff-led a series of workshops to examine the current state of federal policies and establish information sharing protocols.

- The CPUC’s Safety and Enforcement Division’s (SED) Risk Assessment group issued a whitepaper in November 2017 discussing how to improve the physical security of energy-related critical infrastructure. As part of the Rulemaking SED led a consensus initiative that resulted in a Joint Utility Proposal for assessing security needs at potentially vulnerable electric distribution substations, and a set of guidelines for developing third-party vetting of security plans to improve resistance and resiliency to physical attacks. The effort notably involved voluntary compliance by municipal utilities and other publicly-owned utilities (POUs), which will obtain compliance approval from their respective governing bodies. CPUC consideration of the whitepaper recommendations and the Joint Utility Proposal is pending.

CPUC SCRUTINIZES UTILITY POLE MANAGEMENT IN NEW PROCEEDING— R.16-12-001

(Also see Access to Infrastructure [Access to Utility Poles])

California has an estimated 4.2 million utility poles and thousands of miles of underground utility conduit. Poorly maintained utility poles and attachments have caused substantial property damage and repeated loss of life in the State. These safety issues have increased at the same time that advanced telecommunications technologies have driven demand for access to utility poles and conduit to unprecedented levels. Further, there is not a shared data repository to track where the utility poles are located and information about the condition of the poles.

- On March 2017, the CPUC held workshops exploring utility poles’ essential role in safety, reliability, and competition, and in July, re-opened a Rulemaking examining coordination between pole owners and attachers. The rulemaking is part of a set of initiatives that could lead to a census of existing poles and attachments; the creation of a shared repository of information on utility poles and attachments; and the creation of a mobile app allowing users to document and report utility pole issues from their smartphones.

SAFETY MODEL ASSESSMENT – A.15-05-002

In compliance with D.14-12-025, the four major investor-owned utilities on May 1, 2015 filed applications to initiate a new Safety Model Assessment Proceeding (SMAP). Staff conducted initial review of the applications, and provided a preliminary assessment of how well the applications conform to CPUC guidance in D. 14-12-025. At end of 2016, the CPUC concluded Phase 1 of the SMAP, adopting a Joint Intervenor Approach to risk assessment.

- In 2017, staff convened working group activities and public workshops to “test drive” safety risk assessment models developed by the Joint Intervenors and Joint Utilities. The Joint Intervenors and Joint Utilities are currently meeting to reach a consensus on the best approach to risk assessment.
- The CPUC continued the development of a Risk-Based Decision-Making Framework to evaluate safety and reliability improvements. ([A.15-05-002](#) and consolidated cases). The CPUC opened two Order Instituting Investigations (OII) to review the Risk Assessment and Mitigation Phase (RAMP) filings by San Diego Gas and Electric Company’s (SDG&E) and Southern California Gas Company’s (SoCalGas). On March 8, 2017, the CPUC’s Safety and Enforcement Division led a workshop regarding staff’s analysis of the utilities’ RAMP and recommendations, which will be included in these utilities’ general rate case for Commission consideration when reviewing funding and spending requests.
- In November 2017, the CPUC opened an Order Instituting Investigation (OII) into the November 2017 submission of PG&E’s RAMP. PG&E’s November RAMP filing will be evaluated by staff, and continues to build on the methodologies for risk assessment under developed in the SMAP.

SAN DIEGO GAS & ELECTRIC (SDG&E) AND SOUTHERN CALIFORNIA GAS COMPANY (SOCALGAS) PIPELINE SAFETY RELIABILITY PROJECT – A.15-09-013

On September 30, 2015, San Diego Gas & Electric Company (SDG&E) and Southern California Gas Company (SoCalGas) (the applicants or proponents) requested a Certificate of Public Convenience and Necessity (CPCN) (Application No. A.15-09-013) from the CPUC to construct, operate, and maintain the Pipeline Safety and Reliability Project – New Natural Gas Line 3602 and De-rating Line 1600 (PSRP, or the proposed project). The CPUC regulates investor-owned public utilities in California and therefore is the agency responsible for reviewing the applicants’ CPCN application.

According to the utilities, the proposed project will expand the capacity of the SDG&E gas transmission system by 200 MMcf/d and will improve the system’s reliability. The Proposed Project will also replace and augment the transmission capacity of Line 1600.

- On May 9, 2017, the CPUC distributed a Notice of Preparation (NOP) to potential responsible and trustee agencies under CEQA, interested parties, and members of the public. The NOP included a description of the project that SDG&E and SoCalGas propose to construct, information regarding project location, a summary of potential project-related impacts, the times and locations of public scoping meetings, and information on how to provide comments.
- The NOP was circulated for a public review and comment period that began on May 9, 2017, and ended on June 12, 2017.

RAILROAD GRADE CROSSINGS – I.15-06-008

Section 2452 of the California Streets and Highways (S&H) Code requires the California Public Utilities Commission (CPUC)

to establish the Grade Separation Program Priority List (Priority List) for qualified projects and furnish it to the California Transportation Commission (CTC) by July 1 of each year for use in the fiscal year (FY) beginning on that date. The Priority List establishes the relative priorities for allocation of State funds to qualified crossing projects most urgently in need of separation or alteration, to meet the program goals of eliminating hazardous railroad crossings. These projects include construction of new grade separations to replace existing at-grade crossings, or alteration or reconstruction of existing grade separations. The CTC is responsible for allocating (distributing) the State funds to qualified projects, a responsibility it has delegated to the California Department of Transportation (Caltrans).

- The CPUC continues its efforts to establish a funding priority list for the Fiscal Years 2016-2017 and 2017-2018 of existing crossing at grade of city streets, county roads or state highways in need of separation, or existing separations in need of alterations or reconstruction in accordance with Section 2452 of the Streets and Highways Code.

ZERO TOLERANCE POLICY ON DRUGS AND ALCOHOL ORDER INSTITUTING INVESTIGATION I.17-04-009

On April 11, 2017, the CPUC opened a formal investigation to determine whether Rasier-CA, LLC (aka Uber) failed to comply with PU Code §5381 and Zero Tolerance Rules adopted by D.13-09-045, and whether Rasier violated CPUC Rule 1.1 of the Rules of Practice and Procedure. CPUC enforcement staff submitted an investigation report that alleges Rasier failed to promptly suspend and/or investigate drivers accused by passengers of driving under the influence of alcohol or a controlled substance.

- The CPUC held a hearing and issued a Scoping Ruling in June and August 2017, respectively.
- CPUC staff and Rasier filed a Joint Settlement of Agreement in October 2017, which the CPUC will consider in 2018.

WATER UTILITIES PROVIDE LEAD TESTING FOR CALIFORNIA SCHOOLS

In January 2017, the State Water Resources Control Board (SWRCB) enacted a program whereby all K-12 schools in California that are served by a community water system can request their community water system to test for lead in their drinking water. Lead in drinking water can be caused by corroded pipes or old fixtures on the school campus. The CPUC ensured its jurisdictional utilities complied with this requirement by encouraging them to proactively reach out to schools to inform them about this program. In response, the CPUC's jurisdictional water utilities have received requests for lead testing from over 400 schools as of September 30, 2017. Test results have indicated only a few instances of unsafe lead levels. In these cases, old water faucets have either been replaced or removed from service. Requests for testing will continue to be received by water utilities until the program ends November 1, 2019.

- In 2017, AB 746 (Gonzalez Fletcher, 2017) added Section 116277 to the Health and Safety Code. Section 116277 requires water systems that service schools constructed before January 1, 2010, and that have not been modernized subsequent to that date, to test for lead in the school's potable water system on or before January 1, 2019. Schools that have been tested pursuant to the SWRCB lead testing program are exempt from the testing requirement of Section 116277.

2017 Activity Highlights:

PRICES AND SERVICES



Public Utilities Code Sections 454 and 728 hold the CPUC responsible for ensuring that rates are just and reasonable, and for approving all rates that each electric utility charges its customers. The following are key actions taken by the CPUC to regulate prices and services.

SOUTHERN CALIFORNIA EDISON (SCE) – A.16-09-001

This proceeding gives authority to SCE on how much it can spend to operate the utility. The CPUC will determine the utility's electric system revenue requirement for 2018 and the two following attrition years. SCE requests an authorized base revenue requirement of \$5.859 billion, effective January 1, 2018, representing an increase of \$196 million over currently authorized levels. SCE requests further increases in 2019 and 2020 of \$480 and \$556 million, respectively.

- In 2017, the CPUC held 15 days of evidentiary hearings and several public participation hearings. To understand the breadth of these proceedings, SCE alone submitted more than 4,200 pages of direct and supplemental testimony, and more than 5,100 pages of rebuttal testimony. The Administrative Law Judge, along with Energy Division analysts, must review all documents. By the end of 2017, all parties filed opening and reply briefs but the record remains open for updated testimony and consideration of the implications of the new tax bill. A decision is expected during the first quarter of 2018.

PACIFIC GAS & ELECTRIC (PG&E) RATE CASE – A.15-09-001

This proceeding is for PG&E to get authority on how much it will cost to operate the utility business. PG&E had requested a rate increase in its 2017 General Rate Case application.

- In 2017, the CPUC issued Decision (D)17-05-013 authorizing PG&E to collect \$8.004 billion in “base rates” in 2017. Base rates are fixed costs that are not affected by fluctuations in the amount of energy sales. Specifically, PG&E is authorized to collect in revenues \$1.738 billion for its gas distribution expenses, \$4.151 billion for its electric distribution expenses, and \$2.115 billion for its electric generation expenses. The decision increases PG&E's authorized revenue requirement by \$88 million in 2017, by \$444 million in 2018, and by \$361 million in 2019.

SAN DIEGO GAS & ELECTRIC (SDG&E) WILDFIRE EXPENSE MEMORANDA ACCOUNT - A.15-09-010

San Diego Gas & Electric Company (SDG&E) filed an application seeking CPUC approval to recover \$379 million recorded in its Wildfire Expense Memorandum Account (WEMA). The \$379 million is a small portion of the total costs and legal fees SDG&E incurred to resolve third-party damage claims arising from the Witch, Guejito, and Rice wildfires which occurred within SDG&E's service territory in October, 2007 (A.15-09-010)

- In 2017, the CPUC denied the request finding that SDG&E did not reasonably operate its facilities linked to the wildfires, which thereby prohibits the utility from recovering those costs in rates. The CPUC evaluated whether SDG&E's operation, engineering, and management of its facilities involved in the ignition of the wildfires was reasonable. Each of the fires is addressed separately under the CPUC's prudent management standard that requires that the CPUC not allow recovery of unreasonable costs that were the result of imprudent utility management. For all three fires the CPUC determined that SDG&E's operation and management of its facilities prior to the ignition of the wildfires was not prudent.

DIABLO CANYON POWER PLANT – A.16-08-006

The CPUC consider PG&E's application to retire its Diablo Canyon Power Plant no later than 2024-2025, when the current plant operating licenses expires in a Proposed Decision.

- In 2017, the CPUC held 7 days of evidentiary hearings and reviewed the thousands of pages of testimony and briefs that were filed, and issued a proposed decision on November 8th. PG&E proposes to retire the Diablo Canyon Power Plant in 2024 and 2025, when its federal Nuclear Regulatory Commission operating licenses expire. PG&E requests CPUC approval to recover in rates over \$1.76 billion in costs associated with the retirement of Diablo Canyon. A proposed decision was issued for comments on November 8, 2017; a final decision by the Commission on a January 11, 2018 approved PG&E's proposal to retire Diablo Canyon and \$241.2 million in rate recovery for costs associated with the plant's retirement.

NET ENERGY METERING SUCCESSOR TARIFF – R.14-07-002

This Rulemaking addresses multiple legislative requirements related to the development and oversight of Net Energy Metering successor tariff programs and the development of options for increasing the use of renewable distributed generation in disadvantaged communities.

- In 2017, the CPUC adopted D.17-12-022 establishing the Solar on Multifamily Affordable Housing (SOMAH) program (AB 693 (Eggman, 2015)), a new program for installing solar generation on multifamily buildings with low-income tenants and/or located in disadvantaged communities.
- The CPUC solicited and received updated proposals from parties on alternatives to the NEM tariff for residential customers in disadvantaged communities, one or more of which is expected to be adopted in early 2018.
- The CPUC received proposals from parties on consumer protection issues, measurement, evaluation, marketing, and outreach related to the NEM successor tariff adopted in this proceeding in 2016.
- The CPUC adopted D.17-12-005 updating investor owned utilities' virtual net energy metering tariffs, in order to facilitate virtual net energy metering-eligible generation paired with a storage system.
- The proceeding remains open to continue overseeing the NEM successor tariffs and the SOMAH program, to adopt alternative(s) to NEM for disadvantaged communities, address consumer protection issues, and implement AB 1637 (2016) which requires the CPUC to implement a greenhouse gas emissions standard for the NEM fuel cell program once the Air Resources Board adopts the standard.

RESIDENTIAL RATE REFORM – R.12-06-013

The CPUC continues its efforts to reform residential rates for electric customers. Currently, CPUC is testing and evaluating default time-of-use rate proposals for rates to be implemented in 2019.

- In 2017, the CPUC adopted D.15-07-001 that reaffirms its commitment to optimize, align, and integrate electricity-related customer engagement campaigns for different CPUC programs. The decision incrementally expands the existing Energy Upgrade California (EUC) campaign and authorizes amendments to the EUC contract to include strategy and content development for statewide marketing, education and outreach (ME&O) for the residential rate reform program. The three investor-owned utilities are directed to issue a request for proposals for implementation and evaluation work associated with the statewide ME&O campaign for the residential rate reform program. This decision also confirms that utilities may switch customers to time-of-use rates in waves rather than all at the same time.

INCREASING ACCESS TO AFFORDABLE ENERGY – R.15-03-010

(see “Access to Infrastructure and Services”)

TRANSPORTATION NETWORK COMPANIES – R.12-12-011

The CPUC continues to address issues related to the regulation of Transportation Network Companies (TNCs). The third phase of the Order Instituting Rulemaking on Regulations Relating to Passenger Carriers, Ridesharing, and New Online-Enabled Transportation Services identified a wide range of issues in eight tracks. Phase III (B) will address issues including, but not limited to, whether to prescribe driver fingerprinting as part of the background check process; evaluation of TNC customer information regarding incidental transportation of minors; TNC data sharing and privacy issues; and any new issues that develop by way of legislative action.

- In 2017, the CPUC held a workshop, and subsequently issued a Final Decision to implement additional driver background check requirements pursuant to SB 1289 (Cooper, 2016). The key requirements include: 1) A TNC or a third party working on the TNC’s behalf must perform a search of a multistate and multi-jurisdiction criminal records locator or other similar commercial nationwide database with validation; and conduct a search of the United States Department of Justice National Sex Offender Public Web site; 2) A TNC may not contract with, employ, or retain persons currently registered on the Department of Justice National Sex Offender Public Web site; or convicted of either a violent felony or a violation; and 3) A TNC may not contract with, employ, or retain persons convicted of any of the following offenses within the previous seven years: misdemeanor assault or battery; domestic violence offense; driving under the influence of alcohol or drugs; a felony violation.
- The CPUC held a workshop to explore whether the CPUC should host a website portal for TNC data, and share TNC trip data with interested California government entities to study environmental, traffic and infrastructural impacts of TNCs on cities and counties.

2017 Activity Highlights:

ENVIRONMENT



The CPUC plays a vital role in helping implement California's cutting edge climate change laws (e.g., AB 32, the California Global Warming Solutions Act of 2006, and SB 350, the Clean Energy and Pollution Reduction Act of 2015); is the lead agency for CEQA compliance for new transmission lines; and ensures provision of safe, reliable and clean utility services. The activities below are illustrative examples of the CPUC's efforts.

IMPLEMENTATION OF SB 350

[SB 350](#) (de León, 2015) requires the State to set a greenhouse gas reduction target of 40 percent below 1990 levels by 2030 through integrated resource planning for the electricity sector, and achieve widespread transportation electrification, the doubling of energy efficiency savings from electricity and natural gas end-uses, and increasing renewable requirements from 33 percent by 2020 to 50 percent by 2030. CPUC and CEC also established and jointly solicited members for the Disadvantaged Communities Advisory Group which was created by this statute. We outline the major areas of SB 350 below:

INTEGRATED RESOURCE PLANNING – R.16-02-007

[SB 350](#) introduced integrated resource planning (IRP) as the statewide approach to electric resource planning in California. The purpose of IRP is to ensure the electric sector is on track to help California achieve its statewide 2030 greenhouse gas reduction goals at least cost while maintaining grid reliability.

- In 2017, the CPUC began the process to adopt an Integrated Resources Plan (IRP) pursuant to §454.52(a), including issuing a staff proposal and a proposed reference system plan.

By February 2018 the CPUC will adopt an IRP filing process and an optimal portfolio of resources to reach the state's policy goals, and LSEs will file their first-round IRPs by summer 2018.

RENEWABLES PORTFOLIO STANDARD PROGRAM (RPS) - [R.15-02-020](#)

California's RPS program demonstrates that the State's electrical corporations are meeting, and in many cases, exceeding procurement requirements. The IOUs have executed sufficient renewable contracts to exceed the 2020 RPS goal of 33%, and forecast they will meet the 2030 RPS requirement of 50% by 2020.

⁵On December 6, 2017, the U.S. District Court for the Northern District of California issued an Order in *Winding Creek Solar LLC v. Florio, et al.* (Case No. 3:13-cv-04934) granting plaintiff's requests for declaratory and injunctive relief. The Order prevents the CPUC from further implementation of the Renewable Market Adjusting Tariff (Re-MAT) program and orders the CPUC to issue revised rules consistent with federal law. The CPUC is appealing the Court's Order and seeking stay of the Court's Order to allow the Re-MAT program to continue pending appeal.

- In 2017, the CPUC implemented changes to feed-in-tariff programs required by AB 1923 (Wood, 2016) and AB 1979 (Bigelow, 2016).⁵
- In 2017, the CPUC also implemented program changes made by [SB 350](#), including changes to conform to new compliance periods, long-term contracting requirements, and will continue to implement SB 350 mandated program improvements in 2018.

DEMAND RESPONSE – R.13-09-011/A.12-08-008/A.17-01-012 ET AL.

While Demand Response is a well-established program, several new activities have occurred. The CPUC is supporting the integration of renewable energy onto the grid through a new working group that will design new models of wholesale Demand Response to shift load to periods of high, or excess, renewable generation. Rather than shedding load, the programs will shift load to “absorb” the periods of new generation. Another new working group will break down remaining barriers to the integration of Demand Response into wholesale markets. The CPUC also is seeing dramatic increase in third party participation in the demand response portfolios, registering several new Demand Response Aggregators.

- In 2017, the CPUC created a simple, paperless process for customers to make available their energy use data to third parties who are competing with the investor owned utilities to provide wholesale Demand Response options.
- In 2018, the CPUC will rule on a 2018-2022 portfolio of programs that shed load based on price signals, or emergency needs.

INTEGRATED DISTRIBUTED ENERGY RESOURCES – R.14-10-003

The CPUC will continue its efforts to integrate demand-side resources to provide optimal customer and system benefits. The scope has focused on developing an incentive pilot program to procure distributed energy resources (DER) solutions that defer utility capital investments in traditional distribution infrastructure, and developing a technology neutral cost-effectiveness methodology.

- In November 2017, the CPUC approved the DER solicitations for SCE and SDG&E’s distribution deferral incentive pilot projects. The solicitations must be completed in Spring 2018. The CPUC will review PG&E’s proposed pilot project(s) in early 2018.
- In 2017, the CPUC adopted a temporary greenhouse gas emissions adder for use in the avoided cost calculator when analyzing the cost effectiveness of distributed energy resources. This price is based on the California Air Resources Board’s Cap-and-Trade Allowance Price Containment Reserve and can be updated if/when Integrated Resources Planning adopts a permanent framework.

DISTRIBUTED ENERGY RESOURCES (DRP) PLANS – A.15-07-006

The DRP focuses on new tools and processes that allow utilities to integrate high penetrations of distributed energy resources (DERs) into grid planning and operations.

- 2017 has seen a number of major decisions in this proceeding. The CPUC adopted methodologies for tools that determine the available hosting capacity for and locational value of DERs;
- In 2017, the CPUC approved a number of utility demonstration projects focused on planning and operating the grid at high penetrations of DERs; and
- In 2018, the CPUC will establish new planning processes and deliverables by which the utilities can propose and review opportunities for cost-effective DERs to defer or avoid traditional grid investments, as well as Grid

Modernization investments to accommodate high penetrations of DERs.

ENERGY STORAGE PROCUREMENT – R.15-03-011

The CPUC held multiple workshops and established a working group process to resolve pending issues related to electric energy storage.

- In 2017, the CPUC revised the energy storage procurement targets; Established rules for station power for energy storage; Established an automatic limiter for non-IOU LSE storage procurement; and the CPUC approved the IOUs’ station power tariffs, which are now in place.

TRANSPORTATION ELECTRIFICATION – R.13-11-007

This Order Instituting Rulemaking was originally opened to address issues relating to expanding the use of alternative-fueled vehicles (AFV) in California. In particular, the Rulemaking was opened to continue the work to support the Governor’s Executive Order B-16-2012, which set a target of 1.5 million zero-emission vehicles (ZEVs) on California roads by 2025. A March 2016 scoping ruling added the transportation electrification issues contained in [SB 350](#) (de León, 2015) to the proceeding.

- In January and June 2017, the CPUC received several proposals from IOUs to enhance electric vehicle deployment and adoption, including charging infrastructure and studies. These applications will be decided upon in 2018.

BEHIND THE METER RENEWABLES – R.14-07-002

The CPUC continued implementing [AB 327](#) (Perea, 2013), the 2013 net energy metering bill which includes a mandate to develop “specific alternatives designed for growth [of customer-sited renewable distributed generation] among residential customers in disadvantaged communities.”

- In 2017, the CPUC implemented [AB 693](#) (Eggman, 2015), the Multifamily Affordable Housing Solar Roofs program, which created a new program for installing solar generation on multifamily buildings with low-income tenants and/or located in disadvantaged communities and making them eligible for the NEM successor tariff.

SELF-GENERATION INCENTIVE PROGRAM (SGIP) EQUITY BUDGET—R .12-11-005

In 2017, the CPUC issued D.17-04-017 implementing an equity budget for customer side energy storage projects as part of the Self Generating Incentive Program (SGIP). The new equity program allocates 25% of program incentives for energy storage projects benefiting government, nonprofit or small businesses in disadvantaged or low income communities throughout the state.

MAKING WATER CONSERVATION A CALIFORNIA WAY OF LIFE

Following California’s multi-year severe drought, unprecedented water conservation, and plentiful winter rain and snow, on April 7, 2017 by Executive Order (EO) B-40-17 Governor Edmund Brown Jr. ended the drought State of Emergency in most of California, except for Fresno, Kings, Tulare and Tuolumne counties, where emergency drinking water projects will continue to help address diminished groundwater supplies. The EO maintains the water reporting requirements and prohibitions on wasteful practices and builds on previous efforts to “Make Water Conservation a Way of Life.”

The five State agencies - the Department of Water Resources, the SWRCB, the CPUC, the California Department of Food and Agriculture, and the CEC (collectively referred to as the “EO Agencies”) are charged with implementing EO B-37-16 four interrelated objectives: using water more wisely, eliminating water waste, strengthening local drought resilience, and improving agricultural water use efficiency and drought planning. Following this directive by Resolution W-5119, the CPUC ordered its largest water utilities to accelerate work to reduce water leaks through water loss audits, meter and main inspection and replacement programs, installation of leak detection sensors, and deployment of advanced meter infrastructure technologies.

The CPUC also continues to monitor and work with the regulated water utilities to continue water conservation programs, and in 2017 the water utilities’ customers achieved a 21% reduction in water use when compared to 2013 water use.

LEGISLATION

This Chapter provides a summary of legislation the CPUC implemented in 2017, namely milestones and key Decisions. In the section below, we provide a brief summary of key legislation where implementation activities cut across multiple CPUC proceedings.

ASSEMBLY BILLS (AB) implemented in 2017

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BILL NUMBER: AB 33

YEAR: Quirk, 2016

ACTION: This bill requires the CPUC to assess the potential for long duration bulk energy storage resources to assist with variable renewable integration. Included in this assessment must be the costs and benefits of long duration bulk energy storage, as well as its impacts to the distribution and transmission system.

STATUS: The CPUC approved Decision 17-04-039 on May 8, 2017 deferring further consideration of long duration bulk energy storage procurement to the integrated resource planning (IRP) proceeding.

BILL NUMBER: AB 327

YEAR: Perea, 2013

ACTION: This bill requires that the large IOUs' net energy metering (NEM)

tariffs include specific alternatives designed for growth among residential customers in disadvantaged communities (DACs). Additionally, this bill requires the IOUs submit to the CPUC, by July 1, 2015, a distribution resources plan (DRP) proposal, as specified [in P.U. Code § 769], to identify optimal locations for the deployment of distributed resources. The bill requires the CPUC to review each DRP proposal submitted by the IOUs and approve, or modify and approve, a distribution resources plan for the corporation.

STATUS: In March 2017, the CPUC issued a Ruling seeking updated proposals and comments on NEM alternatives for DACs. CPUC staff advised the CPUC on a Proposed Decision to be released on a NEM DAC program. In regards to the DRP, the CPUC in a January 27, 2016 Scoping Memo divided its review of the IOUs' DRP proposals into three tracks: 1) Integration Capacity Analysis (ICA) and Locational Net Benefits Analysis (LNBA) Methodologies; 2) Demonstration and Deployment Projects; and 3) Policy Issues.

BILL NUMBER: AB 693

YEAR: Eggman, Williams, 2015

ACTION: Under current law, the CPUC has regulatory authority over public utilities, including electrical corporations. Current law authorizes the CPUC to fix the rates and charges for every public utility, and requires that those rates and charges be just and reasonable. This bill would authorize a qualified 3rd-party administrator to administer the clean energy and energy efficiency projects. This bill contains other related provisions and other current laws.

STATUS: The CPUC approved 17-12-022 on December 14, 2017 creating the Solar on Multifamily Affordable Homes program enabled by this bill.

BILL NUMBER: AB 746

YEAR: Gonzalez, 2017

ACTION: This bill requires community water systems that serve schoolsite of a local educational agency with a building constructed before January 1, 2010, to test for lead in the

potable water system of the schoolsite before January 1, 2019. **STATUS:** As of September 30, 2017, the CPUC's jurisdictional water utilities received requests for lead testing from over 400 schools. Test results indicated only a few instances of unsafe lead levels. In these cases, old water faucets have either been replaced or removed from service. Requests for testing will continue to be received by water utilities until the program ends November 1, 2019.

BILL NUMBER: AB 1289

YEAR: Cooper, 2016

ACTION: This bill requires a Transportation Network Company (TNC) to conduct, or have a third-party conduct, a local and national criminal background check for each participating driver, as specified. It prohibits a TNC from contracting with, employing, or retaining a driver if he or she, among other things, is currently registered on the US Department of justice National Sex Offender Public Website, has been convicted of any terrorism-related felonies or a violent felony, as defined, or within the previous seven years, has been convicted of any misdemeanor assault or battery, any domestic violence offense, driving under the influence of alcohol or drugs, or any of a specified list of felonies.

STATUS: In November 2017, the CPUC updated and amended background check requirements for TNCs.

BILL NUMBER: AB 1637

YEAR: Low, 2016

ACTION: This bill made modifications to the net energy metering (NEM) program for fuel cell generators. These modifications required CPUC to consult with the California Air Resources Board (CARB) on greenhouse gas standards for fuel cells participating in NEM, as well as approving revisions to the NEM tariffs applied by the utilities to customer-sited fuel cells participating in NEM. This bill allows the CPUC to double the incentive budget of the Self-Generation Incentive Program (SGIP), which finances customer-sited energy storage and certain forms of generation.

STATUS: The CPUC continued to consult with CARB

Assembly Bills (cont.)

on the new greenhouse gas standards in 2017. Decision 17-04-017 approved April 13, 2017 implemented AB 1637 by doubling the SGIP incentive budget through 2019. The CPUC approved new NEM tariffs for fuel cell customers starting in February, 2017. However, this approval is currently being appealed.

BILL NUMBER: AB 1923

YEAR: Wood, 2016

ACTION: This bill makes an exception to the capacity limit for the Bioenergy Market Adjusting Tariff (BioMAT) by allowing projects with a nameplate capacity up to 5 MW to deliver up to 3 MW. In addition, projects are allowed to interconnect at the transmission level.

STATUS: The CPUC approved Decision 17-08-021 on August 28, 2017 which granted the exception to the capacity limit. The interconnection modification is scoped in Rulemaking 15-02-020.

BILL NUMBER: AB 1979

YEAR: Bigelow, 2016

ACTION: This bill makes an exception to the capacity limit for the Renewable Market Adjusting Tariff (ReMAT) by allowing a conduit hydropower facility up to 4 MW in nameplate capacity to deliver up to 3 MW as long as the facility was built prior to January 1, 1990.

STATUS: The CPUC approved Decision D.17-08-021 on August 28, 2017 which granted the exception to the capacity limit.⁶

BILL NUMBER: AB 2570

YEAR: Quirk, 2016

ACTION: This bill requires CPUC to adopt a portability freeze rule for the California LifeLine Program.

STATUS: The CPUC approved Decision 17-01-032 on January 25, 2017 which adopted a 60-day discount transfer (portability) freeze and a 30-day enrollment request freeze for wireless telephone service to comply with AB 2570. The discount transfer freeze requires a California LifeLine participant to remain with the same California LifeLine service provider for at least 60 days unless they have an approved exception. The 30-day enrollment freeze requires a consumer with a pending enrollment request to wait 30 days to submit another enrollment request for a California LifeLine wireless service. Both the discount transfer and enrollment freeze became effective on June 1, 2017.

BILL NUMBER: AB 2868

YEAR: Gatto, 2016

ACTION: This bill allows the CPUC to approve programs and investments to procure energy storage, up to 500MW, allocated evenly across all three electric IOUs. Eligible resources must be interconnected at the distribution level, and no more than 25% of the total capacity may be located behind the customer meter.

STATUS: The CPUC approved Decision 17-04-039 on May 8, 2017 requiring the three investor owned utilities (IOUs) to hold workshops and solicit party feedback on the design of energy storage procurement, and consideration of sixteen (16) elements required by the Decision. The IOUs held workshops in September and October of 2017, and will hold a more detailed preview of their approach to AB 2868 in December 2017. IOU Applications are due by March 1, 2018.

⁶On December 6, 2017, the U.S. District Court for the Northern District of California issued an Order in *Winding Creek Solar LLC v. Florio, et al.* (Case No. 3:13-cv-04934) granting plaintiff's requests for declaratory and injunctive relief. The Order prevents the CPUC from further implementation of the Renewable Market Adjusting Tariff (Re-MAT) program and orders the CPUC to issue revised rules consistent with federal law. The CPUC is appealing the Court's Order

SENATE BILLS (SB)

.....implemented in 2017.....

BILL NUMBER: SB 62

YEAR: Hill, Pavely, 2016

ACTION: This bill establishes the Office of the Safety Advocate within the CPUC, consistent with the approved Fiscal Year 2016-2017 appropriation. Outlines how the Office shall promote public utility safety and specifies content of an annual report to the Legislature.

STATUS: The Office of the Safety Advocate was created in 2017.

BILL NUMBER: SB 92

YEAR: Committee on Budget and Fiscal Review, 2017

ACTION: Section 83 of this bill, Multifamily Affordable Housing Solar Roofs Program, has a technical fix. Specifically, this bill does the following: Section 83 amends Public Utilities Code Section 2870 to clarify the amount of funding available for the Multifamily Affordable Housing Solar Roofs Program, as provided for in AB 693 (Eggman, Chapter 582, Statutes of 2015), from 10 percent of the 15 percent of electric investor owned utilities carbon allowances revenue, to 10 percent of the total electric investor owned utilities carbon allowance revenue.

STATUS: The CPUC approved 17-12-022 on December 14, 2017 creating the Solar on Multifamily Affordable Homes program enabled by this bill

BILL NUMBER: SB 215

YEAR: Leno, Hueso, 2016

ACTION: This bill adopts reforms intended to make the CPUC more transparent to the public. It requires the CPUC to establish procedures for the disqualification of Commissioners due to bias or prejudice similar to those of other state agencies and superior courts, and specifies new ex parte rules, including decision maker logging, and it specifies that the Attorney General shall enforce ex parte violations.

STATUS: The CPUC revised its Rules of Practice and Procedure in November 2017, and these rule changes will go into effect April 1, 2018, after review by the California Office of Administrative law.

BILL NUMBER: SB 350

YEAR: de León, 2015

ACTION: This bill increases the Renewable Portfolio Standard requirements to 50% by 2030 and changes RPS compliance and enforcement rules; it requires the CPUC to engage in electric sector resource optimization to reduce greenhouse gas emissions by establishing an Integrated Resource Planning (IRP) process; it requires a doubling of energy efficiency savings from electricity and natural gas end-uses by 2030; it required the electric utilities to develop new programs and investments to accelerate transportation electrification; and it required the CPUC and CEC to establish a Disadvantaged Communities Advisory Group.

STATUS: The CPUC implemented additions and modifications to RPS procurement and compliance rules in the Renewables Portfolio Standard proceeding R.15-02-020, via Decision D.16-12-040 and D.17-06-025 approved June 30, 2017. RPS enforcement rule modifications are in the process of being implemented in R.15-02-020. The Integrated Resources Planning Proceeding (R.16-07-002) issued a Proposed Decision in December 2017 establishing a cyclical two-year IRP process and setting greenhouse gas emission targets for the electric sector. IRP implementation will continue in 2018. CEC and CPUC solicited applications for Disadvantaged Communities Advisory Group membership and established an Advisory Group Charter.

BILL NUMBER: SB 380

YEAR: Pavley, 2016

ACTION: Started Aliso OII proceeding (I1702002).

STATUS: Ongoing. CPUC determining feasibility of decreasing or eliminating the use of Aliso Canyon. CPUC ED has also produced PU Code Section 715 reports as posted on the CPUC Aliso website at: <http://www.cpuc.ca.gov/aliso/>.

Senate Bills (cont.)

BILL NUMBER: SB 512

YEAR: Hill, 2015

ACTION: Like SB 215, this bill adopts reforms intended to make the CPUC more transparent and accessible to the public. It makes a number of changes to CPUC operations, including allowing meetings outside of San Francisco, requiring performance criteria for the Executive Director, requiring the CPUC to improve outreach to stakeholders in rulemakings and to make both formal and informal documents more easily accessible online, and it makes cities eligible for intervenor compensation after a “catastrophic material loss.”

STATUS: Implemented in 2017.

BILL NUMBER: SB 541

YEAR: Hill, 2015

ACTION: This bill updates goals for the CPUC transportation unit; requires an independent entity assess and report on the CPUC’s operations in light of those goals; and outlines specific requirements for the CPUC’s transportation oversight related to enforcement.

STATUS: In August 2016, the CPUC hired Crowe Horwath to conduct the assessment and prepare the report.

BILL NUMBER: SB 745

YEAR: Hueso, 2016

ACTION: This bill modifies the eligibility requirements for two California Advanced Services Fund (CASF) accounts (Broadband Public Housing Account (BPHA) and Rural and Urban Regional Broadband Consortia Account) and extends the date by which remaining funds from the BPHA to be transferred back to other CASF Accounts from December 31, 2016 to December 31, 2020.

STATUS: The CPUC reopened the CASF proceeding (R.12-10-012) on March 2, 2017 to consider the proposed

modifications. On August 24, 2017, the CPUC approved Resolution T-17575, which adopted the changes enacted by this bill.

BILL NUMBER: Energy SB 1090

YEAR: Fuller, 2014

ACTION: Requires the CPUC to consider evidence addressing the extent to which hardship will be caused to customers living in hot, inland areas, and residential customers living in areas with hot summer weather before it could require or authorize an electrical corporation to employ default time-of-use rates for residential customers.

STATUS: CPUC staff drafted a decision that was adopted in September 2017 implementing PU Code Section 745 provisions to ensure that residential customers have adequate protections from economic hardship in the transition to default TOU rates.

BILL NUMBER: SB 1383

YEAR: Lara, 2016

ACTION: This Bill is ongoing. It mandates that the CPUC direct utilities to implement a dairy biomethane program involving no fewer than five pilot sites. It also mandates, without strict timeline, that the CPUC consult with ARB/CEC and consider policies to help the state biomethane industry.

STATUS: In 2017 the CPUC adopted a decision approving a pilot program for at least five dairy biomethane pipeline interconnection projects. (R1706015)

2018 WORK PLAN

Pursuant to Public Utilities Code Section 910, the CPUC must develop, publish, and annually update an annual Work Plan that describes in clear detail the scheduled ratemaking proceedings and other decisions that may be considered by the CPUC during the calendar year. This report will highlight some of the major proceedings that will require substantial resources from the CPUC in 2018. Similar to the 2017 review the 2018 work-plan will be separate into the four key public service areas that the CPUC's mission is founded on: 1) Access to Infrastructure; 2) Safety; 3) Prices and Services; 4) and Environment.

Access to Infrastructure



DISADVANTAGED COMMUNITIES (DAC)

In 2018, the CPUC, jointly with the California Energy Commission, will work with the newly established Disadvantaged Communities Advisory Group to ensure our clean energy, pollution and greenhouse gas reduction programs benefit disadvantaged communities. The Advisory Group will be comprised of representatives from disadvantaged communities throughout the State and will provide advice to both Commissions on the impacts of our various programs on disadvantaged communities.

When developing policies and programs, the CPUC will place a priority on

considering impacts on disadvantaged communities and will continue outreach to low income and disadvantaged communities.

LOW-INCOME PROGRAMS AND AFFORDABILITY RULEMAKING - R.17-06-024

On June 29, 2017, the CPUC opened Rulemaking 17-06-024 to review low income rate assistance programs of Class A water utilities serving more than 10,000 service connections, which represent about 95% of all CPUC regulated water services. The CPUC estimates that approximately 230,000 customers, or 19%, qualify as low income water customers. In addition, this Rulemaking will investigate assistance to low-income customers of smaller utilities. The Rulemaking will consider issues of low-income program consistency among Class A water utilities, affordability for low-income customers of clean, safe drinking water, and whether bottled water companies should be regulated as water utilities.

MONTEREY PENINSULA WATER SUPPLY PROJECT

The Draft Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) for the Monterey Peninsula Water Supply Project was released for public comment in January 2017. Comments were received during the 1st Quarter of 2017. Responses to comments will be circulated as part of the Final EIR/EIS in the 2nd Quarter of 2018. Hearings on California American Water Company's Application for a Certificate of Public Convenience and Necessity (A. 12-04-019) to construct the Monterey Peninsula Water Supply Project were completed in the 4th Quarter of 2017. The CPUC expects to issue a final decision on A. 12-04-019 in the 3rd Quarter of 2018.

HIGH COST FUND

The ongoing California High Cost Fund-A review Rulemaking 11-11-007 enters a second phase, in which the CPUC will consider a number of issues, including recognition of broadband revenue as part of the small rural communications companies General Rate Cases and opening the areas where these companies provide service to wireline communications competition. Hearings on these issues will be held during the spring of 2018.

COMPETITION IN COMMUNICATIONS MARKET - R.17-06-028

In December 2016, the CPUC completed its investigation of competition in the California communications market. Based on its findings service providers were directed to submit additional data and staff were directed to prepare the next report on the state of competition by December 2018. The CPUC also directed staff to conduct a survey of consumer broadband experiences. That work is under way. Additionally, as part of its responsibility to promote competition and safety, the CPUC has opened a rulemaking regarding access to poles, conduit and other utility support structures, as well as other administrative and safety issues regarding rights of way.

SERVICE QUALITY

The Communications Division is working to complete a communications network examination to inform the CPUC on the state of networks in California which provide critical access to 911 and public safety services. Work in 2018 will also implement the GO 133-D fine mechanism, which ordered carriers which did not meet minimum service quality standards in 2017 to submit monetary fines or propose corrective actions.

CALIFORNIA LIFELINE

In 2018, the CPUC will continue to explore ways to implement changes to the California LifeLine Program given that the

Federal Communications Commission (FCC) 2016 Lifeline Modernization Order (FCC 16-38) establishes a number of significant reforms over the course of four years. Notably, the FCC (1) eliminated certain government assistance programs to receive federal support; and (2) shifted its focus to provide federal support for broadband service while phasing out voice-only support by December 1, 2021, except in areas where there is only one Lifeline service provider. The CPUC will actively engage and coordinate its California LifeLine Program rule modifications with the FCC's Lifeline Program in light of the changing federal landscape, which includes a National Eligibility Verifier to determine subscriber eligibility.

AREA CODE NUMBERING

In 2018, the three approved overlays – 916/279, 619/858, and 805/820 – will become effective, on March 10, 2018, June 19, 2018, and June 30, 2018, respectively, with 1 +10-digit dialing starting February 10, 2018, May 19, 2018, and June 2, 2018, respectively.

2-1-1 INFORMATIONAL AND REFERRAL NETWORK

In 2018, the CPUC will manage the \$1.5 million budget allocated for the 2-1-1 service expansion to unserved counties and oversee the 2-1-1 Information and Referral Service database development and implementation efforts by 2-1-1 California, pursuant to PU Code Section 280 (SB 1212; Hueso, 2012).

DEAF AND DISABLED TELECOMMUNICATIONS PROGRAM (DDTP)

In 2018 DDTP will, in partnership with Community Based Organizations, provide training on the accessibility features for Android as well as iPhone smartphones for consumers with special needs.

CALIFORNIA TELECONNECT FUND

The CTF program provides a 25% off voice services and a 50% discount for broadband on select communications services to schools, libraries, hospitals and other non-profit organizations. The program was established by Decision 96-10-066 on October 25, 1996. In this decision, the California Public Utilities Commission reaffirmed its commitment to universal service, and created the CTF program in accordance with state and federal directives. The program is funded through a surcharge on all customers that purchase intrastate telecommunications services.

In 2018, the CPUC will continue to implement the program reforms resulting from the comprehensive Rulemaking (R.13-01-010) proceeding. Among other reforms, the CPUC will be verifying that the existing Community Based Organizations (CBOs), over 8000, meet the Rulemaking's new stricter eligibility requirements. The CPUC anticipates recertifying 40% of the CBOs in 2018 and the remainder in subsequent years. The CPUC also plans to improve price transparency by designing tools that allow participants to compare services among different providers.

MEASURING THE WIRELINE BROADBAND EXPERIENCE

The CPUC, in Decision 16-12-025, directed staff to undertake a third-party survey of consumer broadband speed experience measured by CalSPEED fixed location testing. In 2018, the CPUC, with the assistance of Cal State Monterey Bay and Cal State Chico, will develop a wireline testing device that will be distributed to volunteer households, schools and libraries to measure the actual performance, reliability, and quality of broadband service. Testing devices will be distributed throughout the state in a manner designed to capture service information in both urban and rural areas.

CALIFORNIA ADVANCED SERVICES FUND (CASF)

California Advanced Services Fund (CASF) promotes deployment of high-quality advanced communications services to Californians.

Funding is allocated to four CASF accounts (please go to the linked page for a description of the account):

- [Broadband Infrastructure Grant Account](#)
- [Broadband Infrastructure Revolving Loan Account](#)
- [Rural and Regional Urban Consortia Account](#)
- [Broadband Public Housing Account](#)

In 2018, the CPUC will implement AB 1665 (Garcia, 2017), which expands and extends the CASF program. The CPUC will design, consider, and adopt new rules to implement each new provision created by the bill; specifically, the new Broadband Adoption Account, the new line extension program, the right of first refusal process, and the new infrastructure program eligibility requirements affecting area and household eligibility. The CPUC will also address other CASF program implementation elements and establish the most efficient and effective strategy to reach the new goal to provide broadband access to no less than 98% of California households in each consortia region.

Safety



SAFETY GOALS FOR 2018:

- Continue working on Strategic Initiatives, including administrative staffing and management goals to increase enforcement staffing, standardize Division training and continue implementation of the 4-Region model.
- Continue implementation of new wildfire mitigation plans required by SB 1028, including filling in new positions, training and deployment.
- Integrate new Cyber Security Defense team into SED.
- Bring several on-going proceedings to completion, including S-MAP, Leak Abatement, Safety Culture OII and Physical Security of Electric Infrastructure rulemakings (described above).

Continue and build upon external partnerships with Cal-OES and CALFIRE and explore partnerships with other relevant agencies.

FIRE-THREAT MAP - R.15-05-006

In November 2017, an Independent Review Team led by CAL FIRE filed a final draft of a statewide CPUC Fire-Threat Map that will be used – in conjunction with a map of Tree Mortality High Hazards Zones prepared by CAL FIRE - to delineate the boundaries of a new High Fire-Threat District where stricter fire-safety regulations apply. The CPUC expects to complete its

review and adoption of a final CPUC Fire-Threat Map in early 2018.

SAFETY SPENDING ACCOUNTABILITY REVIEWS

In December 2014, the CPUC incorporated a risk-based decision-making framework into the rate case plan for all investor-owned energy utilities. The four large electric and gas utilities are scheduled to file Risk Spending Accountability Reports beginning in 2020. The reports will compare actual spending on safety- and risk-related programs to what was authorized. In 2018, the Energy Division will review interim reports while the utilities transition towards the new framework set up by each utility's Risk Assessment Mitigation Phase proceeding.

ALISO CANYON GAS RELIABILITY - I.17-07-002

The CPUC will continue to monitor conditions at the Aliso Canyon storage facility and determine the circumstances under which the field can be used to safely maintain reliability. The interim and longer term use of the field will be determined by the results of the Root Cause Analysis and the outcome in the OII, I.17-07-002, which addresses whether use of the field should be reduced or eliminated over the longer term. Maintaining reliability of the SoCalGas system under the current and short term conditions requires ongoing collaboration with the Joint Agencies. This includes periodic revisits (April 2018 and July 2018) to the Technical Assessment to determine whether operating circumstances have changed significantly enough to merit a new assessment or an addendum modifying the most current seasonal assessment; any necessary modifications to 715 Report(s) consistent with outcomes concerning the Technical Assessments and actions taken by SoCalGas regarding the safe return to service of production wells at Aliso; and ongoing weekly reviews with the utility regarding the status of outages which may determine if additional action concerning system outages is necessary.

POLE AND CONDUIT SAFETY AND ADMINISTRATION PROCEEDINGS - I.17-06-027 AND R.17-06-028

The CPUC initiated an investigation and rulemaking, I.17-06-027 and R.17-06-028, that will address pole and conduit safety issues as well as competitive access issues related to the administration of pole, conduit, and rights of way access and administration requirements reflected in General Orders 95 and 128, and the Commission's Rights of Way rules.

Prices & Services



CCA IMPLEMENTATION

Statewide interest in launching CCA programs increased significantly in 2017 and is expected to grow in 2018. One condition for CCA registration is submission of a bond. In 2016, R.03-10-003 was reopened to consider the bond. It is possible, in 2018, the CPUC might examine setting the rules for the calculation of CCA bond. Another anticipated 2018 development is that as more CCAs come on line, there will be the continued need for increased coordination on CCA compliance with CPUC requirements. These requirements include the Renewable Portfolio Standard (RPS), Integrated Resource Planning (IRP), and Resource Adequacy (RA).

COST CONTAINMENT

The CPUC continues its efforts in containing electric and gas costs for customers. CPUC staff reviews and analyzes the costs

that the energy investor-owned utilities charge their customers to own, operate, and maintain their facilities in General Rate Case (GRC) Phase 1 proceedings. The four major investor-owned utilities are required to file a GRC Phase 1 proceeding every three years. In 2018, the CPUC will be reviewing the Phase 1 GRC proceedings of San Diego Gas and Electric and Southern California Gas Company, and is expected to issue a decision on the Phase 1 GRC proceeding of Southern California Edison.

For the electric side, the CPUC reviews each electric utility's costs of purchased fuel and power in the annual Energy Resource Recovery Account (ERRA) proceedings. For 2018, the CPUC will review the ERRA proceedings of Pacific Gas and Electric, Southern California Edison, and San Diego Gas and Electric. For the gas side, the CPUC will also review Pacific Gas and Electric Company's Gas Transmission and Storage costs proceeding in 2018.

RATE MINIMIZATION

The CPUC is focused on achieving greenhouse gas reduction goals in the energy sector in the most cost-effective manner. To this end, the CPUC has transitioned to an Integrated Resource Planning framework, which aims to optimize resources across three primary considerations: GHG emission reductions, reliability, and cost. Our purview over demand side programs, including demand response, energy efficiency and time-of-use rates, is similarly focused on achieving load reductions and cost reductions in both the short (energy) and long (capacity) term.

PG&E GAS TRANSMISSION STORAGE CASE (GT+S)

PG&E filed its Test Year 2019 Gas Transmission & Storage rate case in 2017. In the filing, the utility is requesting funding to maintain and operate its transmission and storage system using a risk assessment methodology. The application also includes rate design and cost allocation proposals. In 2018, the CPUC expects to hold evidentiary hearings on PG&E's proposals that are contested by the intervenors' and issue a decision by the end of the year. The CPUC will review the case to ensure that what is adopted is reasonable.

POWER CHARGE INDIFFERENCE ADJUSTMENT OIR - R.17-06-026

In R.17-06-026, the CPUC is reviewing, revising, and considering alternatives to the "Power Charge Indifference Adjustment" (PCIA). The PCIA is a mechanism adopted by the CPUC as part of the ratemaking methodology developed to ensure that when electric customers of the investor-owned utilities (IOUs) depart from IOU service and receive their electricity from a non-IOU provider, those customers remain responsible for costs previously incurred on their behalf by the IOUs. In 2018, it is expected that the CPUC will issue a Decision in this proceeding; the schedule in the Scoping Memo states that the Proposed Decision should be mailed for comment in July 2018.

INTEGRATED RESOURCE PLANNING (IRP)

In 2018, staff plans to use the Strategic Energy Risk Valuation Model (SERVM), a model currently used in the Resource Adequacy proceeding, to conduct production cost modeling of the system portfolios considered in the IRP proceeding. The primary purpose will be to evaluate the system reliability and performance of both the Reference System Plan and Preferred System Plan portfolios in high operational detail and under a wide distribution of conditions. Whereas the Reference System Plan refers to the optimal portfolio of future resources identified by the CPUC for meeting multiple state goals; the Preferred System Plan represents the aggregate of integrated resource plans submitted by LSEs that is informed by the Reference System Plan.

The IRP process will adopt a GHG emissions target and use optimization modeling to identify the best mix of supply- and demand-side resources to reduce GHG emissions and ensure reliability while meeting the state's other policy goals. In 2018 the CPUC will vote to adopt a Reference System Plan for IRP that reflects the quantity, type, and timing of additional renewable resources that could be needed to achieve the recommended GHG reduction target for the electric sector at least-cost.

FERC TRANSMISSION RATE CASES

It is the CPUC mission in Federal Energy Resource Commission (FERC) Transmission Owner (TO) rate case proceedings to ensure safety and reliability, and contain ratepayer costs. As such, the CPUC actively participates in TO rate cases to advocate for just and reasonable rates for its client, the California ratepayer. In 2018, CPUC's representation in electric FERC-related work is anticipated to consist of several rate cases including: SCE, SDG&E, and PG&E. In this process the CPUC examines an array of Cost of Service and capitalization issues for safety, reliability, cost effectiveness, and prudence. The CPUC will be involved in at least two FERC complaints involving FERC Orders on Competitive Bidding transparency and Incentive Rates compensation.

CLASS A WATER UTILITIES GENERAL RATE CASES (GRC)

The CPUC will establish rates for two major Class A water utilities in 2018, California American Water Company and Suburban Water Systems, through the GRC process consistent with the Rate Case Plan (D.07-05-062). In 2018, the CPUC also anticipates GRCs to be processed for four Class A water utilities Golden State Water Company, Liberty Utilities/Park Water Corporation, Liberty Utilities/Apple Valley Ranchos Water Company, and San Jose Water Company. The CPUC will review and make the necessary orders to ensure just and reasonable water rates, and safe reliable service.

COST OF CAPITAL FOR CLASS A WATER UTILITIES

In 2018, the CPUC will adopt the capital structure and cost of capital for four of the Class A water utilities San Jose Water Company, Golden State Water Company, California American Water Company, and California Water Service Company, which will set the allowable rate of return on rate base for calculating each utility's revenue requirement.

TRANSPORTATION POLICY AND ENFORCEMENT

By July 1, 2018, the CPUC will transfer all regulatory authority over household moves to the Department of Consumer Affairs (DCA), as required by SB 19, which will allow the CPUC to better focus on passenger transportation.

Environment



2030 CLIMATE GOALS

Senate Bill (SB) 350 (de León, Chapter 547, Statutes of 2015) requires the state to establish greenhouse gas (GHG) reduction planning targets through integrated resource planning for the electricity sector and increase the State's Renewables Portfolio Standard (RPS) to 50 percent by 2030. Further, SB 32 (Pavley, Chapter 249, Statutes of 2016) codified into statute a 2030

GHG emissions reduction target of 40 below 1990 levels.

In 2018, the CPUC will continue activities that support the State’s long-term GHG reduction and clean energy goals. Specifically, the CPUC activities will be focused on developing policies and programs in the areas of energy efficiency, renewable energy, transportation electrification, disadvantaged communities and other clean energy technologies to support California’s 2030 energy goals.

ENERGY EFFICIENCY

In 2018, the CPUC will continue efforts to align energy efficiency programs to support a doubling of energy savings. The CPUC will adopt utility specific 10-year business plans that set portfolio level direction. We will also oversee the process where Program Administrators select contractors and develop detailed implementation plans for individual energy efficiency programs. We will also get preliminary results on pay for performance pilots and High Opportunity Programs and Projects (HOPPs) that use normalized metered energy consumption (NMEC), and the first of the financing pilots run by CAEFTA. 2018 will also see significant work on resolving program implementation issues, including streamlining custom project review.

RENEWABLE ENERGY

In 2018, the CPUC will continue our efforts to support the State’s Renewables Portfolio Standard (RPS) goals. We will finalize implementation of SB 350 (de León, 2015). We will also oversee the procurement of Investor Owned Utilities (IOUs), including their annual RPS procurement plans. Finally, we will continue to oversee RPS program compliance for all IOUs, community choice aggregators, and electric service providers.

BIOMASS

In 2018, the CPUC will continue efforts to address the State’s tree mortality emergency. We will continue to participate in the State’s Tree Mortality Task Force and work with other state agencies, such as CAL FIRE. We will also oversee the BioRAM program for effectiveness of addressing the State’s tree mortality emergency and monitor and review the Bioenergy Market Adjusting Tariff (BioMAT) feed-in tariff program.

TRANSPORTATION ELECTRIFICATION

The CPUC in 2018 will continue to evaluate and decide on utility proposals for nearly \$1 billion in transportation electrification investments filed under Public Utilities Code §740.12(b). The CPUC will also consider and decide on utility proposals to develop transportation electrification pilot programs at schools and state parks and beaches, as directed under legislation adopted in 2017. We will also proceed with interagency efforts to identify the value of vehicle-grid integration (VGI) and methods to deploy VGI efficiently and at scale.

BIOMETHANE PILOTS

As required by SB 1383 the CPUC approved a decision directing gas corporations to implement five dairy biomethane pilot projects that would interconnect to the gas corporations’ existing systems, and the gas corporations may recover in rates the “reasonable” cost of “pipeline infrastructure” developed pursuant to the pilot. In 2018, the CPUC, ARB, and CDEFA will issue the solicitation for the dairy biomethane pilots in the 1st quarter; evaluate the scope and cost estimation of the proposed project submitted by bidders during the 3rd quarter; and select five dairy biomethane pilot projects and review the awarded contracts in the 4th quarter. Utilities will file an advice letter to establish a memorandum account to record expenditure for solicitation development.

BUDGET 2017-18

The CPUC has 1,249.2 authorized positions and \$340.3 million appropriated for state operations in 2017-18. This funding supports staff salaries, benefits, and operational expenses including contracts, travel, facilities, etc.

The CPUC also distributes approximately \$1.5 billion in local assistance funding for Universal Service Telephone programs, energy low income assistance, and energy efficiency programs.

CPUC 2017-2018 OPERATIONAL BUDGET

STATE OPERATIONS	APPROPRIATION
REGULATION OF UTILITIES	\$193,181,000
REGULATION OF TRANSPORTATION	\$36,866,000
UNIVERSAL SERVICE TELECOMMUNICATION PROGRAMS*	\$110,237,000
TOTAL	\$340,284,000

DEFINITIONS:

1. **Regulation of Utilities** - Energy, Water, Sewer, and Communications (other than Universal Service Telephone Programs) and federal funds (for Pipeline Inspectors).
2. **Regulation of Transportation** - Transportation Licensing and Enforcement, Freight Safety, Rail Crossing Safety, Rail Transit Safety, and federal funds.
3. **Universal Service Telecommunications Programs** - California High Cost Funds A and B, Lifeline, Deaf and Disabled Telecommunications Program, California Teleconnect Fund, and California Advanced Services Fund.

NOTE: Budget appropriations are provided for statutorily-designated purposes and are not fungible between State Operations and Local Assistance.

APPENDIX A

Commissioners

MICHAEL PICKER
PRESIDENT



CLIFF RECHTSCHAFFEN
COMMISSIONER



MARTHA GUZMAN-ACEVES
COMMISSIONER



CARLA J. PETERMAN
COMMISSIONER

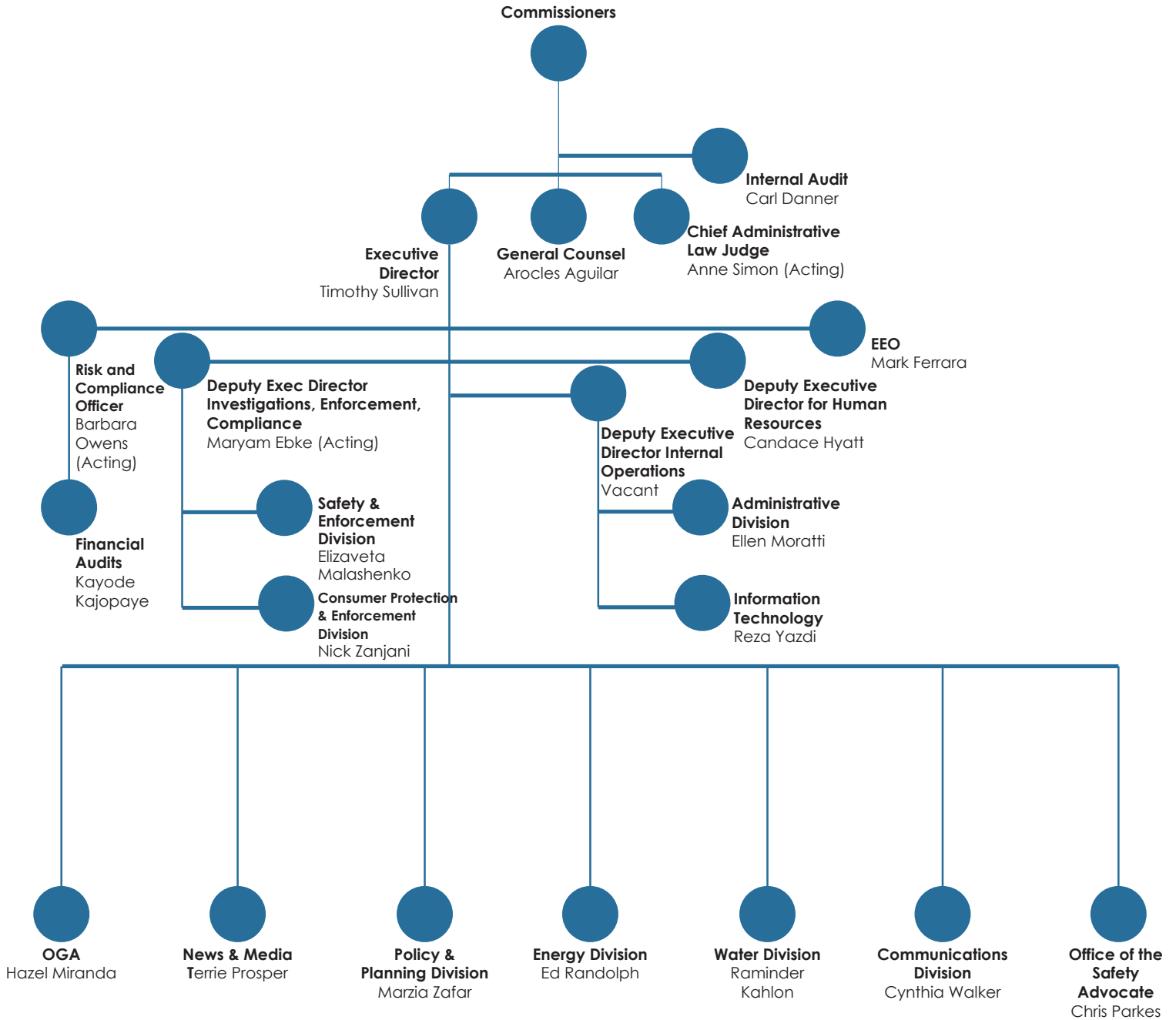


LIANE M. RANDOLPH
COMMISSIONER



APPENDIX B

Organizational Chart



APPENDIX C

Divisions and Types of Proceedings

Organizational Functions

EXECUTIVE DIRECTOR

The Executive Director reports to the President of the CPUC. The Executive Director is responsible for the CPUC's executive and administrative duties. These duties involve coordination, supervision and direction of the CPUC's operations. Division Directors and other employees report their job activities and performance to the Executive Director. Tim Sullivan is serving as the Executive Director.

THE ADMINISTRATIVE LAW JUDGE DIVISIONS (ALJ)

The ALJ Division supports the CPUC decision-making by processing formal filings, facilitating alternative dispute resolution, conducting hearings, developing an adequate administrative record, preparing timely proposals for Commissioner consideration, and preparing and coordinating CPUC Voting Meeting agendas. Anne Simon is currently serving as the Chief ALJ.

ADMINISTRATIVE SERVICES

Administrative Services is responsible for CPUC finance, facilities, IT and non-IT contracts and procurement, business services, and other administrative functions. Administrative Services is also responsible for helping the CPUC achieve its environmental sustainability goals. Administrative Services is led by Ellen Moratti.

COMMUNICATIONS DIVISION

The Communications Division assists the CPUC in developing and implementing policies and programs to ensure safe, universally accessible, high quality, affordable communications services to California's consumers and businesses. Additionally, the Division assists the CPUC in developing clear and fair telecommunications regulations, overseeing carrier compliance to fund universal service programs, and protecting the public interest by ensuring that the competitive model adopted by the CPUC results in a vital and well-functioning industry market. The Communications Division is led by Cynthia Walker

CONSUMER PROTECTION AND ENFORCEMENT DIVISION (CPED)

The CPED serves as the first line of defense for California utility customers. CPED collects and resolves consumer complaints, issues permits and enforces rules and regulations for transportation carriers, and investigates allegations of utility waste, fraud, and abuse. The Division is comprised of three separate branches: The Consumer Affairs Branch, the Transportation Enforcement Branch, and the Utilities Enforcement Branch. CPED is led by Nick Zanjani.

ENERGY DIVISION

The Energy Division assists the CPUC in its regulation of investor owned electric, natural gas, steam, and petroleum pipeline companies. The Energy Division provides technical support to the Commissioners and ALJs in proceedings and other formal matters. The Energy Division also processes, approves, and oversees ministerial requests for changes to utility tariffs through

Advice Letters. The Energy Division also prepares Resolutions for Commissioner consideration on complex requests from utilities. Additionally, through its Federal Policy and Ratemaking Section, Energy Division represents the CPUC in Federal Energy Regulatory Commission (FERC) and court proceedings. The Energy Division is led by Edward Randolph.

HUMAN RESOURCES

The Human Resources (HR) branch aims to attract, hire, train, and retain the best and brightest employees to ensure the CPUC is meeting its mission. HR is led by Candace Hyatt.

INFORMATION TECHNOLOGY

The Information Technology (IT) branch focuses on using technological innovation to do the CPUC's work more effectively. IT is led by Reza Yazdi.

LEGAL DIVISION

The Legal Division is directed by statute to represent and appear for the people of the State of California, the CPUC, and the CPUC staff in all actions and proceedings involving any question under the Public Utilities Code or under any order or act of the CPUC. The Division provides legal advice for 1) Energy Procurement, Distribution and Transmission, 2) Enforcement and Safety, 3) Government, 4) State Appellate, 5) Telecommunications, 6) Transportation, and 7) Water. The Legal Division is led by Arocles Aguilar.

NEWS & OUTREACH OFFICE

The News and Outreach Office in the Executive Division engages and informs stakeholders about the CPUC's decisions, programs, and initiatives. The office's work includes media relations; outreach to local government, community based organizations, and other stakeholders; the duties of the Public Advisor; the diversity and small business programs; the bilingual program; and graphic design. The office is led by Terrie Prosper.

OFFICE OF GOVERNMENTAL AFFAIRS

The Office of Governmental Affairs in the Executive Division is led by Hazel Miranda. The office represents the CPUC in the California legislature as well as working with the Governor's office to respond to inquiries and participate in legislative hearings.

POLICY AND PLANNING DIVISION

The Policy & Planning Division was formed in 1980 with a mission to look beyond the CPUC's daily responsibilities and to analyze emerging policy issues and the impact of a changing regulatory environment (resulting from new economic, financial, institutional, and technological trends) on the role and procedures of the CPUC. The Policy & Planning Division is led by Marzia Zafar.

SAFETY AND ENFORCEMENT DIVISION

The Safety & Enforcement Division has safety oversight of electric and communications facilities, natural gas and propane gas systems, railroads, light rail transit systems, and highway/rail crossings, licensing, consumer protection, and safety oversight of motor carriers of passengers, household goods, and water vessels. The Safety and Enforcement Division is led by Elizaveta

Malashenko.

WATER DIVISION

The Water Division is responsible for ensuring California’s investor-owned water utilities deliver clean, safe, and reliable water to their customers at reasonable rates. There are over 100 water utilities under the CPUC’s jurisdiction, providing water service to about 16 percent of California’s residents. More information is available on the CPUC’s [Water Division webpage](#). Each large water company provides its own low-income assistance [program](#) for water customers in need. The Water Division is led by Raminder Kahlon.

Types of Proceedings

APPLICATION

Initiated by a regulated entity to request the use and/or modification of ratepayer funds and/or assets.

COMPLAINT

Initiated by a person, business, or governmental entity alleging that a utility has violated the Public Utilities Code or failed to adhere to a CPUC decision or regulation.

ORDERS INSTITUTING INVESTIGATION (OII)

Initiated by the CPUC to examine specific issues as a result of a regulated entity’s actions that may lead to new or changed legislation, programs, enforcement, policies, or rates. OIIs are not the first step in an investigation; staff typically initiates investigations immediately. An OII is comparable to the prosecution phase of an investigation.

ADVICE LETTERS AND RESOLUTIONS

A written request made by a regulated California public utility, filed with the CPUC, typically to either implement a CPUC formal decision, or to make a request or proposal on the utility’s own initiative to change services or tariffs.

ORDER INSTITUTING RULEMAKING (OIR)

Initiated by the CPUC to establish new rules and regulations. In all formal proceedings, at least one Commissioner and an Administrative Law Judge (ALJ) are assigned to guide the case through the process. Generally, the ALJ conducts the hearings, meets with the assigned Commissioner to discuss developments, and prepares and issues a Proposed Decision. Any Commissioner may choose to prepare an alternate proposal. Proceedings must be completed within 18 months of the issuance of a Scoping Memo, with certain exceptions.

APPENDIX D

Performance of the Executive Director and the CPUC

Pursuant to SB 512 (Hill, 2016), the CPUC must assess the performance of the CPUC Executive Director and the CPUC. The review of the Executive Director's performance is based on "criteria established in the prior year's Work Plan." This section of the Workplan will assess the Executive Director against the performance criteria adopted in the 2016 Workplan (at page 38), adopt performance criteria for the Executive Director for calendar year 2018, and assess the overall performance of the Commission.

ASSESSMENT OF EXECUTIVE DIRECTOR TIMOTHY SULLIVAN'S PERFORMANCE IN 2017

This section will enumerate the performance criteria and assess the director. The eight performance criteria from the 2016 are used as headings to structure the discussion.

1. INCREASED COMPLIANCE WITH STATE RULES.

The calendar year closed without any evidence indicating violations of state rules. During this time, the Executive Director led special efforts to bring Commission operations into broad compliance with state rules. As Executive Director, Timothy Sullivan ensured that all employees required to make Form 700 filings did so. Electronic processes were established to link the employee job classifications to filing requirements, thereby eliminating a manual process (which had been established in 2016 to ensure compliance). In addition, the Commission developed a Statement of Incompatible Interests which, as the year closed, is in a state of "meet and confer" with affected unions.

The efforts to more generally increase compliance with state rules was headed by a team assembled over the last year with professional links and experience with control agencies and control processes. The CPUC hired senior personnel from the Department of Finance to ensure financial systems comply with state rules and guide the transition to the FisCAL system. The CPUC also hired senior personnel from CalHR to increase the Commission's efforts to bring personnel practices into compliance with state processes. Working together, these new leaders are instituting a system of position control currently through an audit reconciling fiscal systems, human resource systems, position control numbers and space assignments.

In October 2017, the CPUC submitted the Notice of Department Designation Form and related documents for the CPUC to the California Board of Professional Engineers. This requirement was placed in 2015 by the Board of Professional Engineers and applies to all governmental agencies that perform civil, mechanical and electrical engineering work and services. The agencies must identify the professional licensed engineers in charge of performing the respective engineering work in their agency. The CPUC complied with this requirement in 2017 and will update the list of its responsible charge engineers on an annual basis.

2. EFFECTIVE BUSINESS SYSTEMS THAT MEET AND EXCEED THE STANDARD EXPECTED OF CALIFORNIA STATE AGENCIES:

- Increased agency compliance with external audit recommendations
- Creation of an audit compliance tracking systems
- Bringing CPUC contracting, procurement and fiscal processes into compliance with state controls.

At the start of calendar year 2017, the Commission had in place a two-person team leading the Commission's efforts to ensure compliance with external audits and for creating an audit compliance tracking system. That small team established a list of all audits, audit findings, and dates when compliance filings were due. In addition, working with the Executive Director, the team established a process whereby all responses to audit findings were routed through the two-person team and any compliance failures were escalated to the Executive Director to ensure that there was a path to compliance. In addition, the FY 2017-2018 budget provided funding for the creation of an Enterprise Risk and Control Office. A search for leadership and subsequent staffing has commenced.

As a first project, the head of the compliance team worked with the contracting unit, subsequently augmented by a team of consultants. The goal of this new leadership was both to increase the performance of the contracting unit and to work through the backlog of needed contracts. The consulting team has experience with DGS contracting requirements, and includes former DGS personnel. The deliverables of the contract will provide the contracting manuals and reference materials identified by external audits as necessary. In addition, the team is training contract managers on how to ensure that their contract requests conform to the state's best practices of requiring deliverables for payment, instead of "time and materials" that staff had previously used. This focus on deliverables will better ensure accountability of the contractors.

3. DISSEMINATION AND EMBODIMENT OF THE NEWLY ADOPTED CPUC CORE VALUES.

The CPUC core values are accountability, excellence, integrity, open communications and stewardship. The Executive Director only hires new leadership who will commit to embodying the core values. In addition, the core values are incorporated into the onboarding training for new employees. Finally, the application of core values is illustrated frequently in the director's biweekly report to all Commission workers.

4. PROGRESS TOWARDS BECOMING A "LEARNING ORGANIZATION."

The work of the CPUC, which now includes major initiatives to reduce greenhouse gases produced in California and to ensure the safety of California's energy, water, and communications infrastructure, subject to the Commission's regulatory oversight, has become increasingly volatile uncertain, complex, and ambiguous. Only a learning organization, one committed to continuous learning, can craft the strategies and workplace environment required to satisfy these goals and protect Californians.

During the last year, all supervisors and managers and a volunteer group committed to organization change and development completed a course on adaptive leadership – how to lead in a changing situation that is volatile, uncertain, complex and ambiguous. As part of the training, these leaders learned and applied a "peer consultation methodology" for structuring problem-oriented discussion sessions in ways that maximize learning. Throughout the year, senior and middle management applied the methodology in work situations.

To acculturate new employees to the Commission's mission, under the direction of the Executive Director, the human resources department implemented an "onboarding" class for new employees. Two cohorts of the eight-class program were fielded in 2017, each with an average attendance of 50 employees.

In addition, a second season of "pop-up" learning sessions, sessions led by Commission staff, was offered with 15 classes attended by between 15 and 80 participants, with an average of 35 people in each session, or 600 over the entire program. These sessions were led by experts working for the Commission, and were structured to include discussion and exercise sections intended to engage all participants as problem-solvers, to undermine communications and idea silos, and to build dialogue and community among staff from different divisions.

5. COMPLIANCE WITH THE COMMISSION'S ADOPTED STRATEGIC DIRECTIVES

Over 2017, the Commission began the process of assessing the Commission's performance against the strategic directives adopted by the Commission. The Executive Director presented a report on Strategic Directive 14 demonstrating the steps taken to collaborate and coordinate with other governmental and tribal entities. As part of the work, the executive team identified 34 MOUs adopted by the Commission (of which 19 were developed in the last three years) and collected them into a single report. In addition, the Executive Director discussed major new initiatives undertaken in 2017 to enhance cooperation and engagement with the Department of Oil, Gas and Geothermal Resources (DOGGR) and CalFIRE, agencies whose work is closely tied to the Commission's safety mission. In addition, the Commission has rebuilt relationships with control agencies such as Department of General Services (DGS), the Department of Finance (DOF), and CalHR. This new cooperative relationship helped the Commission address finance, building safety, and personnel issues that had previously been deferred. The Commissioners concluded that the Commission was in substantial compliance with the strategic directive.

On December 13, the head of the Safety and Enforcement Division presented a monitoring report on Strategic Directive 2. Upon public review, the Commissioners deemed that the Commission was in substantial compliance with that directive.

The Executive Director also presented the Commission with a schedule for the presentation of monitoring reports associated with each strategic directive scheduled for Commissioner Committee meetings over the course of 2018. The list of Strategic Directives and schedule of presentation monitoring reports can be found on the Commission's web site.

6. PROGRESS TOWARDS AN EFFECTIVE RECORDS RETENTION PROGRAM

On November 2, 2017, the Commission adopted a records policy that sets at three years the default time for retaining paper or email records. The action also set in place a process that will implement a record retention program for all documents in the Commission. Each division has designated a records coordinator for the division, with the first step to develop an inventory of all records and then to update the retention schedule for each type of record. At this time, the records coordinator in each division is completing Records Inventory Worksheets (STD 70). These are currently under review by our records retention coordinator for accuracy, completion and possible follow-up questioning. IT is providing technical support to ensure that each unit is able to craft a retention program that meets its needs in a

transparent way.

7. PROGRESS TOWARDS DEVELOPING A SAFETY CULTURE AT THE CPUC

Over the last year, the Commission has worked to advance an internal safety culture. The Commission has designated a deputy Executive Director to whom employees can escalate any safety matter by raising a “safety flag.” In 2016, a safety flag led to a reduction in pressure on a gas pipeline that presented safety issues. In 2017, the Commission itself faced safety issues as it tested its fire safety systems in the Commission building and found them deficient. The Executive Director took immediate steps to remedy the deficiencies and improve the safety of the building.

The Commission also fielded a two-day session on gas safety in July attended by 150 people. The goal of the class was to provide the Commission’s analytic staff with an understanding of the issues and tasks required to ensure gas safety.

Finally, the Commission began to staff the Office of the Safety Advocate, with a mission to advance a safety culture in the firms that provide utility services to Californians.

8. INCREASED PUBLIC AND LEGISLATIVE CONFIDENCE IN THE CPUC

It is difficult to assess the level of public and legislative confidence in the CPUC. Perhaps the best indicator of legislative confidence in the Commission has been the willingness of the legislature to fund the Commission’s requests for budgetary change proposals. For FY17-18, the Commission received budgetary authority for 53 permanent positions and 22.5 limited positions for a total of 75.5. These included five positions assigned to assure the safety of electric and communication infrastructure and cybersecurity defense.

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RESPONDING TO OPERATIONAL EMERGENCY ISSUES

The Executive Director is not only responsible for meeting the performance criteria set forth by the Commission, the Executive Director bears a general responsibility for ensuring that the Commission serves Californians by responding to emergencies that fall within the Commission’s jurisdiction and by identifying and correcting operational issues.

In response to the emergency at Aliso Canyon, the Executive Director inspected the Aliso Canyon site, met with his engineer staff concerning their evaluation of DOGGR’s tests, attended community meetings and cooperated with DOGGR to develop a shared understand of the roles of each agency. Based on the work of Commission staff, the Executive Director, as required by legislation, concurred with DOGGR’s assessment of the storage site’s safety and set limits on the use of Aliso Canyon’s storage. In response to wildfires in both Northern and Southern California that disrupted people’s lives and utility service, the executive office coordinated the preparation of a resolution to address customer needs related to the wildfire emergencies.

Regarding Commission operations, when the executive division identified failures in early 2017 in meeting challenges to bring on new staff and in securing contracts to support operations, the executive team initiated changes that placed those functions into receivership. The executive division changed the leadership of those operations, established performance metrics, and secured support from external contractors. The improvements in these operational areas are demonstrable and are reported monthly in public session to the Commission’s Finance and Administration Committee. In addition, as described above, the

Commission worked with DGS to identify and correct failures in safety systems in Commission occupied buildings.

SUMMARY EVALUATION OF EXECUTIVE DIRECTOR PERFORMANCE

Based on the criteria set forth, we find that the Executive Director met the performance criteria established in last year's workplan, and have noted work on operational emergency issues. We intend to follow the current criteria in the following year to ensure continuity and progress, with the addition of some specific reporting on progress in human resources, including hiring and training, continued improvements on contracting, and updates on efforts to decentralize the organization, including growing the challenges of safe, accessible and affordable office space. We also note that the format of the annual report's first section is a general review of the CPUC performance.

APPENDIX E

2017 Safety Investigations Annual Report

[Senate Bill 1409](#) (Hill, 2014), codified in PU Code Section 911, requires the CPUC, starting in 2016, to publish an annual safety report. The report lists all investigations into reported gas or electric service safety incidents (pursuant to CPUC requirements) by any gas corporation or electrical corporation. The law directs the CPUC to succinctly describe each concluded safety investigation in the last year, and any investigation that remains open. The description shall include: the month of the safety incident, the reason for the investigation, the facility-type involved, and the owner of the facility.

Below, we provide a report of the concluded and open safety investigations for gas and electric safety incidents in the 2017 calendar year.

GAS SAFETY INCIDENTS OPEN AS OF 1-1-2017 AND INCIDENTS REPORTED IN 2017

Gas Incidents (In Compliance with Public Utilities Code Section 911)

Incident number: This number reflects the year, month, the day, the sequence the incident is reported/ occurred

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20160328-1981	PG&E	Interruption	Service line	A third party contractor struck a steel gas service line causing a release of gas	Closed
20160401-1986	PG&E	Media Coverage	Transmission	PG&E crews were excavating an area around a 10-inch transmission pipeline (L-162A) when ground sloughed off of the bank onto a tap, causing damage and a release of gas.	Closed
20160406-1988	PG&E	Media Coverage	Distribution Main	PG&E was notified of a leak on a 2-inch steel main.	Closed
20160412-1992	PG&E	Operator Judgement	Service line	A third party contractor struck a 2-inch plastic service line at San Francisco Airport.	Closed
20160506-2016	SoCalGas	Gas Loss>3MMCF	Service line	A third party contractor hit 3/4-inch steel service line while remodeling a building, causing a release of gas.	Closed.
20160514-2018	PG&E	Gas Loss>3MMCF	Transmission	8-inch pressure relief valve on PG&E's transmission line L-300A, at pressure limiting station, PLS4, in Arvin, malfunctioned resulting in an unintentional release of gas to the atmosphere.	Closed

20160520-2019	PG&E	Interruption	Customer meter	A structure fire damaged a 6-meter manifold causing a release of gas.	Closed
20160605-2026	PG&E	Damages	Transmission	PG&E was notified of a leak on Transmission line L-215 at approximately M.P.1.79.	Closed
20160606-2025	PG&E	Casualties	Customer meter	A structure fire caused damage to a meterset resulting in a release of gas.	Closed
20160617-2031	PG&E	Media Coverage	Service line	A third party contractor struck a 1-inch plastic service line causing a release of gas.	Closed
20160630-2035	PG&E	Interruption	Distribution main	A third party contractor struck a 4-inch steel main with a backhoe causing a release of gas.	Closed
20160630-2036	PG&E	Damages	Customer meter	A structure fire caused damage to a meterset resulting in a release of gas.	Closed
20160708-2039	SoCalGas	Media Coverage	Customer meter	A structure fire caused damage to a meterset resulting in a release of gas.	Closed
20160715-2043	PG&E	Media Coverage	Service line	A third party contractor struck and damaged a 1-inch plastic service with a backhoe causing a release of gas.	Closed
20160716-2044	PG&E	Damages	Transmission	A third party excavator struck and damaged a 10-inch steel transmission line L-220 causing a release of gas.	Closed
20160716-2045	PG&E	Damages	Service line	An overpressure event resulted in a 4-inch plastic line failure supply a single commercial customer causing a release of gas.	Closed
20160721-2047	SoCalGas	Gas Loss>3MMCF	Service line	Downed power line energized water line causing a pit leak in a 3/4" steel gas service.	Closed
20160725-2050	SoCalGas	Media Coverage	Distribution main	A third party contractor struck and damaged a 2-inch plastic main causing a release of gas.	Closed
20160729-2052	PG&E	Media Coverage	Service line	A third party contractor struck and damaged a 2-inch plastic service causing a release of gas.	Closed
20160803-2055	SoCalGas	Media Coverage	Distribution main	A third party contractor struck and damaged a 4-inch plastic main causing a release of gas.	Closed
20160808-2057	SoCalGas	Media Coverage	Distribution main	A third party contractor struck and damaged a 2-inch plastic main causing a release of gas.	Closed
20160809-2058	PG&E	Damages	Customer meter	A structure fire damaged a meterset causing a release of gas.	Closed

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20160810-2059	PG&E	Damages	Customer meter	While a PG&E crew was performing a valve change, there was an unintentional release of gas which ignited causing a structure fire.	Closed
20160810-2060	SoCalGas	Damages	Customer meter	A structure fire damaged a meterset causing a release of gas.	Closed
20160812-2061	SoCalGas	Other	Other	A fire which SoCalGas believes was the result of a propane incident now has a personal injury lawsuit recently served. The lawsuit indicates leakage was discovered on our facilities right after this incident.	Closed
20160812-2062	SoCalGas	Media Coverage	Distribution main	Third party contractor struck a 3 inch steel gas main.	Closed
20160822-2070	SDG&E	Damages	Other	Leak reported to SDG&E causing evacuation of 100-200 people as a precaution.	Closed
20160823-2072	PG&E	Media Coverage	Distribution main	A third party contractor struck a 2 inch plastic main causing a release of gas.	Closed
20160831-2080	PG&E	Media Coverage	Service line	A third party contractor struck a 1/2-inch plastic service causing a release of gas.	Closed
20160901-2082	SoCalGas	Media Coverage	Service riser	A vehicle hit and damaged a service riser causing a release of gas.	Open
20160906-2083	SDG&E	Media Coverage	Distribution main	A third party contractor struck a 2-inch plastic main causing a release of gas.	Open
20160909-2084	SDG&E	Media Coverage	Distribution main	A third party contractor struck a 3-inch plastic main causing a release of gas.	Closed
20160914-2088	SDG&E	Media Coverage	Distribution main	A third party contractor struck a 2-inch steel main causing a release of gas.	Closed
20160917-2090	SoCalGas	Damages	Customer meter	A structure fire damaged a meterset causing a release of gas.	Closed
20160919-2091	PG&E	Media Coverage	Distribution main	A third party contractor struck a 2-inch steel main causing a release of gas.	Closed
20160923-2092	SDG&E	Media Coverage	Service line	A third party contractor pulled off a 1/2-inch service valve from a plastic service line causing a release of gas.	Closed

20161001-2095	PG&E	Media Coverage	Customer meter	A structure fire damaged a meterset causing a release of gas.	Closed
20161007-2098	SoCalGas	Media Coverage	Other	Controlled release of gas during scheduled odorizing work prompted area odor complaints and media inquiries.	Open
20161012-2100	PG&E	Interruption	Distribution main	An underground leak on a e-inch plastic main caused evacuations.	Closed
20161017-2101	SoCalGas	Media Coverage	Distribution main	A third party contractor damaged a 2-inch main causing a release of gas.	Closed
20161017-2102	SoCalGas	Damages	Customer meter	SoCalGas responded to a structure fire and found a diversion consisting of removal of the meter and installation of a flex connector from the regulator to the house.	Closed
20161019-2103	SoCalGas	Media Coverage	Customer meter	A structure fire damaged a meterset causing a release of gas.	Open
20161019-2104	SoCalGas	Media Coverage	Distribution main	A third party damaged a 2-inch plastic main causing a release of gas.	Closed
20161020-2106	PG&E	Media Coverage	Customer meter	A structure fire damaged meterset causing a release of gas.	Closed
20161022-2107	SoCalGas	Media Coverage	Other	SoCalGas determined a potential point of ignition along its electrical facility for the 10/18 fire in the vicinity of Aliso Canyon Storage Field.	Open
20161024-2108	PG&E	Media Coverage	Service line	A third party struck and damaged a plastic service causing a release of gas.	Closed
20161111-2112	SDG&E	Media Coverage	Distribution main	A third party contractor struck and damaged a 3-inch plastic line causing a release of gas.	Closed
20161114-2111	PG&E	Media Coverage	Distribution main	A third party contractor struck and damaged a 6-inch steel main causing a release of gas.	Closed
20161116-2113	SDG&E	Media Coverage	Service line	A third party contractor struck and damaged a 1-inch plastic service causing a release of gas.	Closed
20161128-2114	SDG&E	Media Coverage	Service line	A third party struck and damaged a 1/2-inch service causing a release of gas.	Closed
20161201-2116	SDG&E	Media Coverage	Service line	A third party struck and damaged a 3/4-inch service causing a release of gas.	Closed
20161201-2117	SoCalGas	Media Coverage	Distribution main	A third party contractor struck and damaged a 2-inch plastic service causing a release of gas.	Closed

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20161203-2118	SoCalGas	Media Coverage	Distribution main	High winds likely caused an electric pole to break and fall to the ground resulting in leak on the gas main which ignited.	Closed
20161203-2119	PG&E	Damages	Transmission	A third party contractor struck and damaged a transmission line L-118B causing a release of gas	Closed
20161208-2120	PG&E	Interruption	Distribution main	A third party contractor struck and damaged a 2-inch plastic main causing a release of gas.	Open
20161208-2121	PG&E	Interruption	Distribution main	A third party contractor struck and damaged a 2-inch plastic main causing a release of gas.	Closed
20161216-2122	SoCalGas	Media Coverage	Regulator	A transformer fell and arced a nearby regulator station causing a release of gas.	Closed
20161216-2123	SoCalGas	Damages	Distribution main	An explosion that involved electric facilities caused damages to distribution main.	Closed
20161219-2124	SDG&E	Media Coverage	Service line	A third party contractor struck and damaged a 1.25-inch plastic service causing a release of gas.	Closed
20161226-2125	SoCalGas	Gas Loss>3MMCF	Other	During daily patrol and inspection, methane was detected at Aliso Canyon Storage facility.	Open
20161228-2126	SoCalGas	Gas Loss>3MMCF	Distribution main	SoCalGas responded to a reported underground leak.	Open
20170103-2127	SoCalGas	Media Coverage	Other	Multiple odor reports received in San Luis Obispo. Later determined odor coming from a nearby landscaping company and that no gas facilities involved.	Closed
20170104-2128	SoCalGas	Operator Judgement	Other	Multiple odor reports received in Torrance. Later determined to be from oil refinery.	Closed
20170105-2132	SDG&E	Media Coverage	Service riser	A third party contractor struck and damaged a 0.75-inch steel riser causing a release of gas.	Closed
20170106-2133	SoCalGas	Public Attention	Other	Multiple odor complaints in Venice.	Open
20170108-2134	PG&E	Damages	Transmission	A report of gas odor from a leaking 8-inch steel transmission valve.	Closed

20170110-2135	PG&E	Media Coverage	Service line	A third party excavator responding to an emergency landslide and flood condition struck and damaged a 1-inch plastic service line resulting in a release of gas.	Closed
20170112-2136	PG&E	Damages	Main	A leak from a 4-inch Aldyl-A gas main ignited resulting in an explosion and collapse of a residential home.	Closed
20170113-2137	PG&E	Media Coverage	Other	A gas odor report at an Elementary school due to work being performed on a customer-owned line.	Closed
20170114-2141	SoCalGas	Other	Other	Multiple odor reports in Los Angeles.	Closed
20170114-2142	SoCalGas	Operator Judgement	Other	Under-pressure condition resulting in a gas pipeline system losing service in Kingsburg.	Open
20170116-2138	SoCalGas	Damages	Service Line	An overhead electrical transformer explosion reportedly caused an arc damaging an underground water line and a 0.75-inch steel gas service. Water entered the gas service line causing service disruption.	Closed
20170116-2139	SoCalGas	Interruption	Other	A gas meter was closed by the fire department due to reported gas odor. The odor was later determined to be non-gas related.	Closed
20170118-2144	SoCalGas	Media Coverage	Customer meter	A vehicle hit a customer meter resulting in a minor trace of odor in Bakersfield.	Open
20170120-2145	SoCalGas	Casualties	Main	An explosion at a home in Ontario resulting in an individual being transported to the hospital.	Open
20170120-2146	SoCalGas	Media Coverage	Service Line	Heavy rain and flooding waters caused soil erosion which uncovered a gas service. Incident occurred in Santa Clarita.	Open
20170120-2147	SDG&E	Media Coverage	Service Line	Heavy rain and flooding caused a tree to fall, resulting in the root causing a leak to a 0.75-inch service line in Chula Vista.	Open
20170122-2148	SoCalGas	Public Attention	Other	Multiple odor reports in Northridge. Later found to not be natural gas related.	Closed
20170123-2149	SoCalGas	Other	Other	Multiple odor reports in Playa Del Rey from a natural gas condensate vapor vented during maintenance work at Playa Del Rey storage facilities.	Closed
20170124-2150	SoCalGas	Other	Other	Multiple odor reports in Playa Del Rey from a natural gas condensate vapor vented during maintenance work at Playa Del Rey storage facilities.	Closed
20170124-2151	SoCalGas	Media Coverage	Service line	A third party contractor struck a 1-inch plastic service line causing a release of gas in Newport Beach.	Open

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170124-2152	SoCalGas	Public Attention	Other	Multiple odor reports in Ventura. Later found to not be natural gas related.	Closed
20170125-2153	PG&E	Operator Judgement	Controls	An over-pressure event in Folsom	Closed
20170126-2154	SoCalGas	Interruption	Regulator	A customer lost service due to pressure limiting valve failing closed due to freezing conditions in Lancaster.	Open
20170127-2155	SoCalGas	Interruption	Regulator	A regulator disk ruptured causing one customer outage in Dinuba.	Closed
20170130-2156	SoCalGas	Media Coverage	Customer meter	A fire began in a residential garage and caused a portion of the roof to break and fall onto a customer meter set assembly. This resulted in a release of gas.	Closed
20170130-2157	SoCalGas	Media Coverage	Customer meter	A mudslide damaged a customer meter causing a release of gas.	Closed
20170201-2158	SoCalGas	Interruption	Regulator	A customer lost service due to a suspected EFV malfunction in Acton.	Closed
20170202-2159	SoCalGas	Interruption	Regulator	An under pressure condition was discovered on a single customer service in Lancaster.	Open
20170203-2160	SoWEST	Other	Regulator	Regulator vents at Shaffer Mill regulator station were blocked with ice due to flooding in Truckee, resulting in an overpressure event.	Closed
20170204-2161	SoCalGas	Interruption	Service line	An under-pressure with a reported customer gas outage in Thousand Oaks.	Open
20170206-2162	SoCalGas	Interruption	Regulator	System under-pressure condition occurred due to a broken PLV disk in Dinuba.	Open
20170208-2163	SoCalGas	Operator Judgement	Controls	After pressure control was performed on a 2 inch plastic main, several customers reported having outages. This incident occurred in Burbank.	Open
20170209-2164	PG&E	Media Coverage	Service line	A sinkhole in Orinda damaged a 1.25-inch plastic service line resulting in a release of gas.	Closed
20170210-2165	SoCalGas	Media Coverage	Other	Gas leak caused by a water main break in San Luis Obispo.	Open

20170211-2172	SDG&E	Public Attention	Other	Multiple odor complaints in San Diego.	Open
20170213-2173	SoCalGas	Public Attention	Other	Multiple odor complaints as a result of a damaged gas main in Monrovia.	Open
20170214-2174	SDG&E	Media Coverage	Transmission	A planned blow down of a transmission line for PSEP resulted in media showing up on site due to planned gas release, and odor complaints. This incidence occurred in San Diego.	Open
20170215-2175	PG&E	Damages	Customer meter	A structure fire damaged a customer meter resulting in a release of gas.	Closed
20170217-2176	SDG&E	Media Coverage	Service riser	A tree landed on an apartment building and caused damage to the service riser in Encinitas.	Open
20170217-2177	SoCalGas	Media Coverage	Service riser	Fallen tree damaged service riser resulting in gas blowing in Laguna Beach.	Open
20170219-2178	SoCalGas	Media Coverage	Service line	A third party contractor was digging struck a 1 1/2" plastic service pipeline causing a gas leak in Shafter.	Open
20170222-2179	SoCalGas	Media Coverage	Customer meter	A vehicle struck and damaged a meterset causing a release of gas.	Closed
20170224-2180	SoCalGas	Gas Loss> 3MMCF	Transmission	A crack on a high pressure service line resulted in a release of gas.	Closed
20170227-2181	PG&E	Media Coverage	Transmission	During maintenance work on a transmission line, a portion of a temporary assembly came loose injuring an employee.	Closed
20170228-2182	SoCalGas	Media Coverage	Main	A third party excavator druck and damaged a 2-inch plastic gas main causing a release of gas.	Closed
20170228-2183	PG&E	Damages	Transmission	Gas leak from a transmission line in Redwood Valley.	Open
20170301-2184	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach.	Open
20170301-2185	SoCalGas	Public Attention	Other	Multiple odor reports in Los Angeles. Later determined to be non- natural gas related.	Closed
20170303-2186	PG&E	Media Coverage	Main	A gas leak on a 4" steel main resulting in the release of gas in San Jose.	Open
20170306-2187	SoCalGas	Other	Regulator	A vehicle struck and damaged a regulating station causing an overpressurization event downstream and a release of gas.	Open

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170307-2188	SDG&E	Media Coverage	Service Line	A third party excavator struck and damaged a 0.75-inch steel service causing a release of gas.	Open
20170307-2189	SDG&E	Media Coverage	Service Line	A third party struck and damaged a 0.75-inch steel service with a stump grinder causing a release of gas.	Open
20170308-2190	SoCalGas	Public Attention	Other	Multiple reports of odor in Torrance. Later determined to be from an oil refinery.	Open
20170314-2191	SoCalGas	Public Attention	Other	Multiple reports of odor in Huntington Beach.	Open
20170315-2192	SoCalGas	Public Attention	Other	Multiple reports of odor in Huntington Beach. Later determined to be non-natural gas related.	Open
20170316-2193	SoCalGas	Operator Judgement	Other	While responding to a call for no gas, SoCal Gas learned that a house in a 2-unit complex had an explosion earlier in the day.	Open
20170317-2194	SoCalGas	Media Coverage	Customer meter	Falling debris from a structure fire damaged a customer regulator causing a release of gas.	Open
20170317-2195	SoCalGas	Public Attention	Other	Multiple reports of odor in Manhattan Beach. Later determined to be non-natural gas related.	Open
20170320-2196	SoCalGas	Media Coverage	Service riser	A vehicle struck a 0.75 inch service riser causing a leak.	Closed
20170321-2197	SoCalGas	Media Coverage	Other	Multiple odor reports in Wasco. Later determined to be non-natural gas related.	Open
20170323-2198	PG&E	Interruption	Other	Under-pressure condition resulting in a gas pipeline system losing service.	Open
20170323-2199	SoCalGas	Media Coverage	Other	Multiple reports of odor in Huntington Beach.	Open
20170326-2200	Prop	Damages	Service line	A structure fire which resulted in the release of propane in Kirkwood.	Closed
20170327-2201	SoCalGas	Media Coverage	Other	Multiple reports of odor in Huntington Beach.	Open
20170327-2202	SoCalGas	Media Coverage	Other	Multiple reports of odor in Huntington Beach.	Open

20170327-2203	PG&E	Media Coverage	Service line	A third party dig-in in Fremont.	Open
20170328-2204	SoCalGas	Public Attention	Other	Multiple odor reports in Los Angeles. Later determined no gas facilities were involved.	Closed
20170329-2205	PG&E	Media Coverage	Service riser	A vehicle struck a 1.25 inch steel service riser in Alameda.	Closed
20170331-2208	Prop	Damages	Other	A house fire involving propane in Kirkwood.	Closed
20170403-2206	SoCalGas	Media Coverage	Customer line	Commercial structure fire in Los Angeles. Later determined to have been caused by a fire that originated from the kitchen of a commercial building. Utility companies' facilities were not involved in the cause of the fire.	Open
20170404-2207	SoCalGas	Damages	Customer meter/ Service riser	A structure fire in Yucaipa. Later determined to not have been caused by natural gas leak.	Open
20170405-2209	SoCalGas	Inpatient Hospitalization	Transmission	A contractor employee was injured while working on a right of way of a transmission line in Essex.	Open
20170405-2210	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach.	Open
20170412-2211	SoCalGas	Public Attention	Other	Multiple odor reports in Oxnard as a result of a planned blow down of a transmission line.	Closed
20170413-2212	SoCalGas	Other	Other	Information technology interruptions in Los Angeles. Later determined to not have caused any non-compliance of gas activities within Sempra systems.	Closed
20170414-2213	SoCalGas	Other	Other	Multiple odor reports in Huntington Beach.	Open
20170416-2214	SoCalGas	Other	Distribution main	A 6-inch distribution main exceeded its MAOP in Tehachapi.	Open
20170416-2215	SDG&E	Other	Other	Multiple odor reports in San Diego.	Open
20170417-2216	SoCalGas	Media Coverage	Service line	A third party contractor struck a 2-inch plastic gas main in Los Angeles.	Closed
20170417-2217	PG&E	Other	Transmission	An over-pressure event in Tehachapi.	Open

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170418-2218	SoCalGas	Public Attention	Other	Multiple odor reports in Garden Grove. Later determined to be non-natural gas related.	Open
20170420-2220	SoCalGas	Media Coverage	Service riser	Residential structure fire in El Centro.	Open
20170424-2219	SoCalGas	Media Coverage	Service riser	A third party contractor drove a backhoe into a curb meter box, resulting in the release of gas. Incident occurred in Santa Barbara.	Open
20170427-2221	SoCalGas	Media Coverage	Service riser	Structure fire in Los Angeles.	Open
20170427-2222	SDG&E	Public Attention	Other	Multiple odor reports in San Diego. Later determined to be non-natural gas related.	Open
20170429-2223	PG&E	Operator Judgement	Transmission	An over-pressure event to a discharge piping in Stockton.	Open
20170430-2224	SoCalGas	Public Attention	Other	Multiple odor reports in San Pedro. Later determined to be non-natural gas related.	Closed
20170502-2225	SoCalGas	Public Attention	Other	Multiple odor reports in Oxnard. Later determined to be non-natural gas related.	Closed
20170504-2226	SDG&E	Other	Regulator	While performing maintenance on a regulator station, the downstream system experienced an overpressure event. The event occurred in Escondido.	Open
20170508-2227	SDG&E	Public Attention	Other	Multiple odor reports in San Diego. Later determined to be not as a result of the operator's pipeline or facilities.	Open
20170509-2228	PG&E	Media Coverage	Distribution main	A 2-inch steel distribution main was hit by an excavator operated by the City of Redding.	Closed
20170511-2242	PG&E	Operator Judgement	Transmission	A caller working on a liquid transmission pipeline accidentally cut into it, emptying 80 gallons onto the ground. This event occurred in Mojave. Release did not impact any customers or facilities. The event does not meet the reporting requirements of 49 CFR 191 and/or GO 112-F.	Closed
20170512-2229	SoCalGas	Operator Judgement	Distribution main	A 90-ft section of a gas distribution main experienced an overpressure event in Los Angeles.	Open

20170514-2230	SoCalGas	Operator Judgement	Distribution main	A 6-inch distribution main exceeded its MAOP in Tehachapi.	Open
20170514-2231	PG&E	Operator Judgement	Distribution main	A 6-inch distribution main exceeded its MAOP in Tehachapi.	Open
20170515-2232	SoCalGas	Public Attention	Other	Multiple odor reports in Anaheim. Later determined that no gas facilities were involved.	Closed
20170518-2233	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach.	Open
20170518-2234	SDG&E	Media Coverage	Service Line	A third party contractor cut a 3/4" service line with a saw, causing the release of gas.	Open
20170518-2235	SoCalGas	Media Coverage	Main	A leak was discovered on a 2-in distribution main during an odor complaint investigation.	Open
20170520-2236	SoCalGas	Public Attention	Other	Multiple odor reports in Carson. Later determined to be non-natural gas related.	Closed
20170520-2237	SDG&E	Other	Other	An overpressure event during a pigging operation in San Diego.	Open
20170522-2238	PG&E	Media Coverage	Distribution main	A third party dig-in into a 2-inch plastic distribution main in San Rafael.	Closed
20170526-2239	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach.	Open
20170527-2240	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach.	Open
20170529-2241	PG&E	Damages	Customer meter	A structural fire causing damage to the customer meter in Sonoma. Cause later determined to be an electrical issue.	Closed
20170601-2243	SDG&E	Media Coverage	Service line	A third party contractor hit a 0.5 inch plastic service line with a shovel, causing a release of gas in San Diego.	Closed
20170601-2244	SoCalGas	Media Coverage	Service line	A third party contractor hit a 0.5 inch plastic service line, causing a release of gas in Huntington Beach.	Open
20170607-2245	SoCalGas	Public Attention	Other	Multiple odor reports in Seal Beach. Later determined the odor was coming from a nearby offshore drilling.	Closed
20170608-2246	SoCalGas	Media Coverage	Service line	Plastic service line struck by a shovel, resulting in gas leak in Coronado.	Open

GAS SAFETY INCIDENTS (CONTINUED)

20170609-2247	PG&E	Media Coverage	Customer meter	A vehicle hit and damaged a 0.75-inch service line and the gas meter-set, causing a release of gas in Oakland.	Closed
20170609-2248	SoCalGas	Public Attention	Other	Multiple odor reports in Glendale. Later determined there was no indications of natural gas leak.	Closed
20170609-2249	SDG&E	Media Coverage	Service line	A third party contractor hit a 0.75-inch steel service line, causing a release of gas in Chula Vista.	Closed
20170612-2256	SoCalGas	Media Coverage	Customer meter	A structure fire attributed to arson in Los Angeles.	Open
20170614-2257	SoCalGas	Public Attention	Other	Multiple odor reports in Ontario. Later determined that no gas facilities were involved.	Closed
20170614-2258	SDG&E	Public Attention	Other	Multiple odor reports in Chula Vista. Later determined that no gas facilities were involved.	Closed
20170617-2259	SoCalGas	Media Coverage	Customer meter	A vehicle drove into a gas meter, causing the release of gas in Pasadena.	Closed
20170617-2260	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach. Later determined that no gas facilities were involved.	Closed
20170620-2261	PG&E	Media Coverage	Main	A third party contractor stuck a 2-inch plastic distribution main in San Francisco.	Closed
20170620-2262	SoCalGas	Damages	Main	A third party contractor stuck a gas main line, causing the release of gas in Woodland Hills.	Open
20170620-2263	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach.	Open
20170621-2264	SoCalGas	Media Coverage	Main	Third party contractor struck a 3-inch steel gas main in Inglewood.	Closed
20170621-2265	SDG&E	Public Attention	Other	Multiple odor reports in El Cajon. Later determined to not be natural gas related.	Open
20170622-2266	PG&E	Gas Loss > 3MMCF	Regulator	An operator was performing a set point change on pressure limiting station in Paicines. The relief valve opened, causing an unintentional release of gas.	Open
20170625-2271	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach. Later determined to not be natural gas related.	Open

20170626-2272	SoCalGas	Media Coverage	Customer meter	A vehicle drove into a gas meter, causing the release of gas in Desert Hot Springs.	Open
20170626-2273	SoCalGas	Media Coverage	Service riser	A structure fire caused a riser to have minor leak in Downey.	Closed
20170626-2274	SDG&E	Media Coverage	Main	A third party contractor stuck a gas main line, causing the release of gas in La Jolla.	Open
20170626-2275	PG&E	Media Coverage	Customer meter	A structure fire resulted in an unintentional release of gas from a customer meter in Walnut Creek.	Closed
20170627-2276	SDG&E	Media Coverage	Service riser	A service riser damage resulted in the a leak in San Diego.	Open
20170628-2277	SoCalGas	Public Attention	Other	A third party contractor stuck a gas main line, causing the release of gas that resulted in multiple odor complaints in West Lancaster.	Closed
20170630-2278	SDG&E	Media Coverage	Customer pipe	A third party contractor stuck a gas main line, causing the release of gas in San Diego.	Open
20170702-2279	SoCalGas	Public Attention	Main	Water entered a 2" plastic gas main in Moorpark.	Open
20170703-2280	PG&E	Damages	Main	Operator's electrical crew hit a 2" steel main resulting in the release of gas in Concord.	Closed
20170703-2281	PG&E	Gas Loss > 3MMCF	Valve	Activation of relief valve resulted in the release of gas in Dunningan Hills.	Closed
20170703-2282	SDG&E	Public Attention	Other	Multiple odor reports in Del Mar.	Open
20170704-2283	SoCalGas	Damages	Customer meter	A structure fire resulted in an unintentional release of gas from a customer meter in Banning.	Open
20170705-2284	PG&E	Gas Loss > 3MMCF	Customer meter	A gas related structure fire in Santa Cruz.	Open
20170706-2285	SDG&E	Media Coverage	Service Line	A third party contractor damaged a 1-1/4 inch plastic gas service line causing the release of gas in National City.	Closed
20170706-2286	SDG&E	Media Coverage	Customer meter	A home owner was demolishing a residence when a portion of the debris landed on the gas meter assembly, resulting in the release of gas in Sand Diego.	Closed
20170706-2287	SDG&E	Public Attention	Other	Multiple odor reports in Encinitas. Later determined to not be natural gas related.	Open

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170707-2295	SoCalGas	Public Attention	Other	Multiple odor reports in Anaheim. Later determined to not be natural gas related.	Closed
20170708-2296	SoCalGas	Damages	Transmission	A 3/4" tap sheared off a transmission line by a farmer working on the field in Lost Hills.	Open
20170713-2297	SDG&E	Media Coverage	Service Line	A third party damaged a 0.5 inch plastic gas service line causing the release of gas in La Jolla.	Closed
20170717-2298	SDG&E	Media Coverage	Service Line	A third party contractor struck a plastic gas service line causing the release of gas in San Diego.	Open
20170720-2373	MHP	Public Attention	Customer pipe	A caller called about concerns of a planned gas release from an underground gas pipeline replacement operation in Hollister.	Closed
20170721-2299	PG&E	Operator Judgement	Distribution main	Operator's construction crew hit a 3" plastic main resulting in the release of gas in Redding.	Closed
20170721-2300	PG&E	Media Coverage	Main	A third party dig-in of a 2" gas plastic main resulted in the unintentional release of gas in San Francisco.	Closed
20170724-2301	SDG&E	Media Coverage	Service riser	A third party contractor hit a 0.75" steel gas riser causing the release of gas in San Diego.	Closed
20170726-2302	SDG&E	Damages	Service riser	A structure fire damaged the gas meter, resulting in an unintentional release of natural gas in Indio.	Open
20170727-2303	SoCalGas	Public Attention	Other	Multiple odor reports in Huntington Beach.	Open
20170727-2304	PG&E	Damages	Main	A third party dig-in of a 6" steel gas main in Acampo.	Closed
20170730-2305	SoCalGas	Public Attention	Other	Multiple odor reports in Seal Beach. Later determined to not be natural gas related.	Closed
20170731-2306	SDG&E	Media Coverage	Service line	A contractor struck a 0.5" plastic service line in La Jolla.	Open
20170802-2307	PG&E	Operator Judgement	Regulator	An overpressure event at a regulator station in Yuba City.	Open
20170802-2308	SDG&E	Public Attention	Other	Multiple odor reports in San Diego. Later determined to not be natural gas related.	Open

20170805-2309	PG&E	Media Coverage	Service line	A third party dig-in of a 0.5" plastic gas service line in San Francisco.	Closed
20170807-2310	SoCalGas	Damages	Customer valve	A structure fire damaged a meterset causing a release of gas in Tupman.	Open
20170807-2311	SoCalGas	Media Coverage	Service riser	Vandals damaged a 3/4" steel gas service riser, causing the release of gas in Lamont.	Open
20170808-2312	SDG&E	Public Attention	Other	Multiple odor reports in Oceanside. Later determined to not be natural gas related.	Closed
20170808-2313	SoCalGas	Media Coverage	Customer meter	Structure fire damaged a customer houseline, causing the release of gas in Indio.	Open
20170808-2314	SoCalGas	Damages	Customer meter	A structure fire damaged a meterset and riser, causing a release of gas in Lindsay.	Closed
20170810-2315	SoCalGas	Operator Judgement	Transmission	An overpressure event on a transmission line in Oxnard.	Open
20170813-2316	SoCalGas	Damages	Customer meter	A structure fire damaged a meterset and riser, causing a release of gas in Riverside.	Open
20170814-2317	SoCalGas	Public Attention	Other	Multiple odor reports in Manhattan Beach. Later determined to not be natural gas related.	Open
20170814-2318	SoCalGas	Media Coverage	Main	A third party dig-in of a 2" gas plastic main in Redondo Beach.	Closed
20170815-2319	SoCalGas	Media Coverage	Other	Suicide attempt resulting in fire/explosion in South Pasadena.	Closed
20170816-2320	PG&E	Operator Judgement	Customer pipe	A third party dig-in of a 0.5" gas plastic main in Stockton.	Closed
20170816-2321	PG&E	Damages	Regulator	A vehicle struck a regulator station and damaged the equipment on site in Orland.	Open
20170818-2322	SDG&E	Public Attention	Other	SDG&E received odor complaints in San Diego. Determined to not be natural gas related.	Closed
20170820-2323	SoCalGas	Public Attention	Other	SoCalGas received odor complaints in Calabasas. No SoCalGas facilities were involved.	Closed
20170821-2324	SoCalGas	Media Coverage	Service Line	A third party contractor damaged a 0.5 inch plastic gas service causing a release of gas.	Closed

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170822-2325	PG&E	Other	Valve	A 20 foot section of 8" was discovered to be at 240 psig on a subsection of piping with an MAOP of 145.	Open
20170822-2326	PG&E	Damages	Transmission	A homeowner in Salinas hit a 16" Transmission Line with his tractor.	Closed
20170824-2327	SoCalGas	Damages	Customer Meter	A structure fire in San Clemente resulted in an explosion causing damage to a gas riser and ignition.	Open
20170824-2328	SoCalGas	Media Coverage	Other	SoCalGas received odor complaints in Santa Paula. The odor was from a leak in a SoCalGas pipe.	Closed
20170825-2329	SoCalGas	Media Coverage	Service Line	1/2" service was hit with a spade by a third party.	Closed
20170826-2330	SoCalGas	Media Coverage	Main	Torrance water company damaged a gas main while performing work on water main.	Closed
20170827-2331	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Open
20170828-2332	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Open
20170829-2333	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Closed
20170830-2334	PG&E	Damages	Customer Meter	PG&E was notified of a structure fire in Fresno. This incident was rescinded when natural gas was ruled out as a potential cause of the fire.	Closed
20170831-2335	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Closed
20170901-2336	SoCalGas	Other	Other	Medium pressure district experienced MAOP exceedance. MAOP of district is 50 PSIG, highest recorded pressure was 74 PSIG.	Open
20170903-2337	SoCalGas	Gas Loss> 3MMCF	Service riser	Brush fire burnt down a home and resulted in the riser being ignited.	Closed
20170905-2338	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. The source of the odors are still unknown. No leaks were found.	Open

20170905-2339	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Closed
20170907-2340	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Open
20170907-2341	SDG&E	Media Coverage	Service Line	Third party contractor hit a 0.75-inch steel service with a jack hammer while trenching, causing a release of gas.	Closed
20170907-2342	SDG&E	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Open
20170907-2343	SoCalGas	Gas Loss> 3MMCF	Main	Gas leaks from SCG 4-inch steel main and steel service line in DWP underground electrical meter vault.	Open
20170907-2344	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Closed
20170908-2347	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Source of the odor is still unknown.	Open
20170909-2351	SoWEST	Interruption	Valve	A bypass was installed incorrectly by a Southwest Gas Contractor completing replacement work, and 18 customers lost gas service.	Open
20170909-2352	SDG&E	Public Attention	Other	Area odors were reported to SDG&E. Responding crews verified that the odors were not caused by natural gas.	Closed
20170910-2353	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. The cause of the odor is still being investigated.	Open
20170911-2354	SoCalGas	Public Attention	Other	Area odors were reported to SDG&E. Responding crews verified that the odors were not caused by natural gas.	Closed
20170911-2355	PG&E	Operator Judgement	Main	PG&E was notified of a Dig-in in Vallejo. PG&E crews struck a 4-inch plastic distribution main resulting in an unintentional release of gas.	Closed
20170914-2356	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. The cause of the odor is still unknown.	Open
20170916-2357	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Closed
20170916-2358	SDG&E	Other	Other	Area odors were reported to SDG&E. The cause of the odor is still unknown.	Open

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170918-2359	SoCalGas	Other	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Closed
20170920-2360	PG&E	Media Coverage	Main	PG&E was notified of a third-party dig-in incident in Richmond. Prestige Utility Inc., struck a 3-inch plastic distribution main with a cross bore drill, resulting in an unintentional release of gas.	Closed
20170921-2361	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. The cause of the odor is still being investigated.	Open
20170925-2362	SoCalGas	Public Attention	Other	Area odors were reported to SoCalGas. Responding crews verified that the odors were not caused by natural gas.	Closed
20170926-2363	SDG&E	Public Attention	Other	Area odors were reported to SDG&E. The cause of the odor is still unknown.	Open
20170926-2364	SoCalGas	Operator Judgement	Regulator	A SoCalGas technician was inspecting a first stage regulation (FSR) in West Hollywood when he noticed that the FSR was turned on, and the regulators were missing the sense lines, causing an overpressurization of the downstream piping.	Open
20170927-2365	SDG&E	Gas Loss > 3MMCF	Customer Pipe	SDG&E was contacted about a gas outage. Investigation showed that a closed tap valve was the cause	Open
20170927-2374	PG&E	Other	Transmission	PG&E was removing liquids from a press natural gas line when 50 - 100 Gallons of Natural Gas Pipeline Liquids released due to a valve failing.	Closed
20171001-2367	SoCalGas	Gas Loss > 3MMCF	Transmission	SoCalGas became aware of a pressure drop along a Transmission line. Crews determined that there was a rupture.	Open
20171002-2366	PG&E	Damages	Transmission	PG&E discovered a Grade 1 Gas Transmission leak on a branch weld on a 12-inch line. This incident was later rescinded as it did not meet reporting criteria.	Closed
20171002-2368	SDG&E	Gas Loss > 3MMCF	Service Line	SDG&E was made aware of a third party excavation damage on a 2-inch plastic pipe, causing a release of gas.	Open
20171002-2369	PG&E	Interruption	Controls	An MAOP exceedance event occurred in Yosemite. The MAOP is 60 and the event lasted for approximately 20 minutes, reaching as high as 66.53.	Open

20171004-2370	SoCalGas	Operator Judgement	Other	SoCalGas received multiple odor complaints in Westminster. Odor is sewer type odor coming from the Flood Control Channel.	Open
20171005-2371	SoCalGas	Operator Judgement	Other	Area odors were reported to SoCalGas. The cause of the odor is still unknown.	Open
20171005-2372	SoCalGas	Operator Judgement	Other	Area odors were reported to SoCalGas. The cause of the odor is still unknown.	Closed
20171007-2398	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Seal Beach.	Open
20171009-2375	SoCalGas	Public Attention	Other	Multiple gas odor complaints in San Pedro.	Open
20171009-2376	PG&E	Damages	Regulator	A wildfire in Kenwood has caused 11,000-13,000 gas customers to be isolated. Two structure fires and one High Pressure Regulator is on fire and releasing gas.	Open
20171009-2377	SDG&E	Interruption	Service Line	Vehicle hit a 0.75-steel service, causing a release of gas.	Open
20171009-2378	SoCalGas	Media Coverage	Service Line	18 SoCalGas customers experienced gas service interruption due to a major brush fire in Anaheim. Investigation determined that the incident was not utility related.	Closed
20171010-2379	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Cucamonga.	Open
20171010-2380	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Rialto.	Open
20171010-2382	Prop	Other	Other	All trailers/tanks on Holiday Island Mobile Park are damaged or gone due to a wildfire in Clearlake.	Closed
20171011-2381	SDG&E	Media Coverage	Main	A third party contractor struck a 3-inch plastic main causing a release of gas in San Diego.	Closed
20171013-2383	SoCalGas	Damages	Service riser	A vehicle hit an MSA and service riser in Moreno Valley causing a release of gas. The gas was ignited and burned two mobile homes and the RV that hit the riser.	Open
20171013-2384	SDG&E	Media Coverage	Service Line	A third party contractor struck a 1.25-inch steel service line causing a release of gas in San Diego.	Open
20171014-2385	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Huntington Beach. Later determined that no gas facilities were involved.	Closed

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20171014-2386	SoCalGas	Public Attention	Other	Multiple gas odor complaints in La Jolla.	Open
20171016-2387	PG&E	Other	Regulator	An over-pressure event to a DFM in Coalinga.	Open
20171016-2388	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Huntington Beach.	Open
20171017-2389	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Huntington Beach.	Open
20171018-2390	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Huntington Beach. Later determined that no gas facilities were involved.	Closed
20171018-2391	SoCalGas	Casualties	Main	An employee was working a Code 3 has leak on a 6 inch steel main. He was overcome with natural gas and transported to the hospital.	Open
20171018-2392	SDG&E	Media Coverage	Customer Meter	A vehicle struck a gas meter in Spring Valley resulting in a leak of gas.	Open
20171018-2393	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Atascadero.	Open
20171019-2394	PG&E	Operator Judgement	Other	PG&E received 146 customer calls reporting no gas service in Salinas and nearby areas. PG&E shut the meters with confirmed no gas service and is assessing the situation.	Open
20171020-2403	Prop	Damages	Customer Meter	Big Foot Campground and RV Park in Junction City was completely destroyed by wildfires.	Closed
20171021-2395	PG&E	Damages	Regulator	A vehicle hit a regulator set in Tracy causing a release of gas and an overpressure resulting in a rupture.	Open
20171023-2396	SoCalGas	Media Coverage	Main	A third party contractor struck a 2-inch plastic main causing a release of gas in Sherman Oaks.	Open
20171023-2397	SDG&E	Media Coverage	Other	A third party contractor his a 3/4-inch gas service stub causing the release of gas. The contractor failed to request a USA DigAlert Ticket.	Closed
20171023-2399	SoCalGas	Operator Judgement	Customer Regulator	One customer lost gas service due to a meter equipment malfunction.	Open

20171024-2400	SoCalGas	Media Coverage	Service Line	A third party contractor hit a 1-inch plastic gas service line causing the release of gas.	Closed
20171025-2401	SoCalGas	Interruption	Main	During work on a distribution main replacement 2-inch plastic pipeline in Pomona a plug blew out of the PC fitting and ignited flashing the contractor who was taken to the hospital.	Open
20171028-2402	PG&E	Operator Judgement	Regulator	A relief valve in Paicines activated and began venting gas. The MOP was 620 psig while the relief valve opened at 600 psig.	Open
20171030-2404	SDG&E	Public Attention	Service Line	A third party damaged a 3/4 inch steel gas service in San Diego.	Open
20171030-2405	SoCalGas	Media Coverage	Service Riser	A customer in Los Angeles disassembled an MSA and connected homemade piping to the gas riser causing a gas leak.	Open
20171031-2406	PG&E	Other	Valve	An overpressure event in Mendota. The slam-shut device engaged but the pressure increased due to a leaking bypass valve.	Open
20171102-2407	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Pacoima.	Open
20171102-2408	PG&E	Damages	Main	A third party contractor hit a 2-inch plastic main in Alameda. A distribution regulator was shut in and 350 customers lost gas service.	Open
20171103-2409	SDG&E	Media Coverage	Main	A 2-inch steel gas main was found leaking in San Diego.	Open
20171103-2410	SDG&E	Media Coverage	Service Line	A third party contractor struck a 1/2" plastic gas service in San Diego causing a gas leak.	Open
20171104-2411	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Oxnard.	Open
20171105-2412	SoCalGas	Damages	Service Riser	House fire, cause yet undetermined, has gas released and ignited at riser. Crew is on scene abandoning service.	Open
20171107-2413	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Garden Grove.	Open
20171108-2414	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Oxnard.	Open
20171109-2415	SoCalGas	Public Attention	Other	Multiple gas odor complaints in Oxnard.	Open

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20171110-2416	SoCalGas	Media Coverage	Service Line	A third party damaged a 0.5 inch plastic service while installing fence posts in San Luis Obispo.	Open
20171110-2417	SDG&E	Public Attention	Other	Multiple gas odor complaints in La Jolla.	Open
20171113-2418	SoCalGas	Gas Loss > 3MMCF	Service Line	A third party contractor was digging with a backhoe and struck a 2" plastic gas service, causing a release of gas in Ranch Cucamonga.	Open
20171114-2419	SDG&E	Gas Loss > 3MMCF	Service Line	A third party contractor was digging and struck a 1/2 inch plastic gas service, causing a leak in San Diego.	Open
20171115-2420	SDG&E	Public Attention	Other	More than 450 gas odor complaints throughout SDG&E territory. Initial investigations appears to be due to high levels of odorant in gas.	Open
20171115-2421	SoCalGas	Media Coverage	Main	A third party contractor was digging and struck a 2-inch gas main with a backhoe, causing a gas leak in Los Angeles.	Open
20171118-2422	SoCalGas	Public Attention	Other	Multiple odor complaints in Los Angeles.	Open
20171119-2423	SoCalGas	Interruption	Regulator	Natural gas outage due to failure of a pressure limiting valve in Burbank.	Open
20171119-2424	SoCalGas	Interruption	Other	An under-pressure with a reported outage in Lost Hills.	Open
20171120-2425	SoCalGas	Media Coverage	Service line	A third party contractor hit a plastic service, causing a release of gas in Baldwin Park.	Open
20171121-2426	SoCalGas	Public Attention	Other	Multiple odor complaints in Sunset Beach.	Open
20171121-2427	PG&E	Media Coverage	Service riser	A vehicle impact severing a service riser in San Francisco.	Open
20171127-2428	PG&E	Damages	Service line	A possible explosion in San Francisco.	Open
20171128-2429	SDG&E	Media Coverage	Service line	A third party contractor struck a 1" plastic gas service, causing a leak in El Cajon.	Closed

20171129-2430	SoCalGas	Public Attention	Other	Multiple odor reports in Los Angeles.	Open
20171203-2431	SoCalGas	Damages	Customer meter	Customer cleaning out a fireplace placed hot embers in a trash can located near their MSA, resulting in a melted meter, and then ignition. This incident occurred in San Diego	Open
20171205-2432	SoCalGas	Media Coverage	Customer meter	Sheared off meter resulting in release of gas in Ventura.	Open
20171205-2433	SDG&E	Interruption	Regulator	Regulator station feeding single fed pressure district failed in the closed position resulting in under pressure condition in San Diego.	Open
20171206-2434	SDG&E	Public Attention	Other	Multiple odor reports in San Diego.	Open
20171206-2435	PG&E	Damages	Transmission	A third party dig-in of a 24-inch steel transmission line resulting in the unintentional release of gas in Sunol.	Open
20171206-2436	SDG&E	Public Attention	Other	Multiple odor reports in San Diego.	Open
20171210-2437	SoCalGas	Public Attention	Other	Multiple odor reports in El Monte.	Open
20171210-2438	SoCalGas	Public Attention	Other	Multiple odor reports in La Jolla.	Open
20171211-2439	SoCalGas	Operator Judgement	Regulator	Shut-in regulator station was found to have an over-pressured section in Los Angeles.	Open
20171212-2440	PG&E	Media Coverage	Customer meter	A structure fire resulting in damages to operator facilities in Bakersfield.	Open
20171212-2441	SoCalGas	Damages	Customer meter	A vehicle struck a pole which resulted in an electrical power surge on the gas meter facilities due to an improperly grounded electrical meter onto the gas meter. The resulting power surge caused breach of the meter and ignition of the escaping gas. This incident occurred in San Luis Obispo.	Open
20171213-2442	SoCalGas	Public Attention	Other	Multiple odor reports in Anaheim.	Open
20171213-2443	SDG&E	Public Attention	Other	Multiple odor reports in San Diego.	Open
20171213-2448	SDG&E	Media Coverage	Main	Company contractor working on gas line replacement found leak underneath a 1.5" steel main.	Open

GAS SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20171213-2449	SoCalGas	Public Attention	Other	Multiple odor reports in Burbank.	Open
20171219-2450	SDG&E	Media Coverage	Main	A third-party landscaping contractor damaged a multifamily lateral main while excavating with a back-hoe in San Diego.	Open
20171219-2451	SoCalGas	Public Attention	Other	Multiple odor reports in El Segundo.	Open
20171219-2452	SDG&E	Media Coverage	Service line	A third-party contractor hit a 0.75" steel service with a trencher that resulted in gas release. Incident occurred in La Jolla.	Open
20171220-2453	SoCalGas	Public Attention	Other	Multiple odor reports around 33105 Santiago Rd, Acton.	Open
20171220-2454	SoCalGas	Damages	Other	Report of explosion at 1724 North Highland Avenue, Hollywood. Investigation as to the cause still ongoing.	Open
20171221-2455	SoCalGas	Public Attention	Other	Multiple odor reports around 42 Clubhouse Avenue, Venice.	Open
20171221-2456	SoCalGas	Public Attention	Other	Multiple odor reports around 933 Bluegrass Lane, Los Angeles.	Open
20171221-2457	SoCalGas	Public Attention	Other	Multiple odor reports around 7026 Earldom Avenue, Playa Del Rey.	Open
20171222-2458	SoCalGas	Casualties	Other	Fire Department contacted Operator for assistance at a residence. There was no reported fire or explosion. Fire department reportedly picked up gas concentration in the attic, and one fatality was reported.	Open
20171223-2459	SoCalGas	Public Attention	Other	Multiple odor reports around 2433 Via Sonoma, Palos Verdes Estates.	Open
20171223-2460	SoCalGas	Media Coverage	Main	Gas leak found ignited at an intersection in La Quinta.	Open
20171225-2461	SoCalGas	Public Attention	Other	Multiple odor reports around 630 W 149th Street, Gardena.	Open
20171225-2462	SoCalGas	Public Attention	Other	Multiple odor reports around 1900 Pacific Coast Hwy, Huntington Beach	Open

20171226-2463	SoCalGas	Public Attention	Other	Multiple odor reports around 19051 Holly Ln, Huntington Beach	Open
20171227-2464	SoCalGas	Public Attention	Other	Multiple odor reports around 1466 N Palm Canyon Dr, Palm Springs	Open
20171228-2465	SoCalGas	Damages	Service Line	Structure fire allegedly started at the water heater damages service riser.	Open
20171228-2466	PG&E	Media Coverage	Service Line	Third party excavator struck and damaged a plastic service line resulting in release of gas.	Open
20171228-2467	SoCalGas	Public Attention	Other	Multiple odor reports around 1248 17th Street, Santa Ana.	Open

ELECTRIC SAFETY INCIDENTS OPEN AS OF 1-1-2017 AND INCIDENTS REPORTED IN 2017

Electric Incidents (In Compliance with Public Utilities Code Section 911)

Incident number: This number reflects the year, month, the day, the sequence the incident is reported/occurred

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20150210-01	PG&E	Damage (Incident occurred on 2/21/2013, but PG&E was not aware of the damage until 2/10/2015)	Transformer	A third party SUV crashed into a PG&E pole on the Almaden Expressway in San Jose. The third party was injured as a result of the impact of the SUV crashing into the PG&E pole.	Closed
20150325-04	PG&E	Fatality	12 kV Circuit	An employee of Penny Newman Grain was standing on top of a semi-truck using a 10-foot metal pole to move grain to an auger. The metal pole contacted two overhead energized conductors and resulted in employee sustaining fatal injuries.	Closed
20150329-01	SCE	Fatality and injury	16 kV connector	Employees of Hampton Tedder Electric (HTE), an SCE contractor, were working on 16 kV "T-bodies" (connectors) inside an SCE underground vault when an arc flash occurred. One employee passed away as a result of his injuries.	Closed
20150406-01	PG&E	Outage attracted media attention	Substation	A sustained electric transmission outage on PG&E's Table Mountain #1 500/230 kV transformer bank occurred and impacted 79,000 customers for approximately 4 hours.	Closed
20150414-01	SCE	Injury	16 kV circuit	An SCE contractor crew were replacing a run of underground cable between two SCE BURD switches when a flash occurred, injuring them.	Closed
20150422-01	SCE	Fatality	500 kV Tower	A person climbed an SCE transmission tower and fell to his death.	Closed
20150507-01	PG&E	Injury	Pole	A PG&E General Construction Lineman suffered injuries due to a fall from a pole that was being removed from service.	Closed
20150601-01	PG&E	Injury (incident occurred on 5/22/2015, PG&E was not aware of it until 6/1/2015)	12 kV circuit	A third party received an electrical shock when the crane from a boom truck arced with a PG&E 12 kV conductor.	Closed
20150709-01	SCE	Injury	Overhead 12 kV Conductor	An SCE contractor worker was transferring energized conductors when an arc flash occurred, injuring him.	Closed

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20150714-01	SCE	Damage (incident occurred on 10/12/2012, however, SCE was not aware of the damages until 7/14/2015)	Transformer	Lightning struck an overhead distribution transformer. SCE replaced the transformer and shortly after its energization, a residence fire started.	Closed
20150715-01	SCE	Media - due to fire	12 kV circuit	The City of Long Beach experienced major power outages that affected a large number of customers. At the peak of the outages, approximately 30,000 customers were without power.	Closed
20150801-01	SCE	Injury	Overhead 12 kV conductor	A group of people were riding off road vehicles on a dirt road in Twentynine Palms, when one person struck a low-hanging, energized SCE 12 kV overhead conductor, injuring himself. The other two people were injured when they contacted an energized conductor while attempting to aid to the injured person.	Closed
20150828-01	SCE	Injury	138 kV tieline	An SDG&E lineman, was inside an elevated bucket working on de-energized 138 kV overhead conductors supported on a pole when he received a fatal, electric shock.	Closed
20150902-01	PG&E	Damage	Unknown	An overvoltage condition occurred at a Walmart store and caused \$306,000 in property damage.	Closed
20150916-01	PG&E	Fatality	Overhead 12 kV Conductor	The "Butte Fire", ignited in the city of Jackson in Amador County. The fire burned 70,868 acres, destroyed 921 structures (549 homes, 368 outbuildings, and 4 commercial properties), damaged 44 structures, and resulted in two "indirect" civilian fatalities and one injury.	Closed
20150920-02	SCE	Outage attracted media attention	16 kV Circuit	A downed conductor caused a 16 kV distribution circuit to relay and lock out causing an outage.	Open
20150926-01	PG&E	Injury	Subsurface transformer	An outage occurred on a 12kV circuit in San Francisco. During the restoration process, an underground PG&E subsurface transformer catastrophically failed resulting in injury to two nearby individuals.	Open
20151002-01	PG&E	Injury	230 kV Conductors	An employee of Hot Line Construction, a PG&E contractor, received an electrical shock while working on a de-energized PG&E 230 kV line.	Closed

20151005-01	SCE	Injury	Manhole	A member of the public inadvertently walked into an open SCE vault and fell inside, resulting in injuries.	Closed
20151018-01	PG&E	Judgment - due to utility judgment of significant outage	230 kV Conductors	PG&E's Tower 61/128 supporting two 230 kV circuits collapsed, causing an outage to 55,000 customers.	Closed
20151103-01	PG&E	Outage attracted media attention	Poles	A sustained power outage occurred when very high winds blew down a total of seven PG&E transmission and distribution poles. A total of 7,585 customers were affected for approximately 17 hours.	Closed
20151107-01	SCE	Media - due to outage and fire	16 kV circuit	The "Potrero Fire" was ignited in the city of Thousand Oaks and burned 29.2 acres of wildland. The fire investigation identified the fire's origin as near an SCE pole; however, no actual cause could be determined and the fire investigation has been deemed inactive.	Closed
20151128-01	SCE	Injury	Substation	An individual accessed an SCE's substation, climbed atop a circuit breaker, contacted the exposed, energized components, and sustained fatal burn injuries. The individual's method of entry is unknown.	Closed
20151211-01	SCE	Injury	12 kV circuit	A Journeyman Lineman working for PAR Electric Contractors, Inc. (PAR), an SCE contractor, suffered burn injuries to his face when he attempted to connect a newly constructed primary underground cable to an existing, energized primary overhead circuit.	Closed
20160106-03	SCE	Fatality	Secondary service line	An SCE employee died while in the apparent course of conducting utility work in the City of Paramount, Los Angeles County	Open
20160116-01	SDG&E	Fatality - due to contact with a overhead electrical conductor	Overhead 12 kV conductor	A 12 kV overhead copper conductor failed, fell on a grassy area, and started a small fire. A transient, received fatal injuries when he tried to pick up the conductor.	Closed
20160131-02	SCE	Damage - due to wind storm	12 kV Circuit and Poles	20 to 40 poles failed as a result of heavy winds.	Open
20160131-03	SCE	Media - due to outage	66 kV circuit and poles	An SCE pole supporting three 66 kV overhead conductors, broke at ground level and began to lean to one side, which in turn caused four adjacent SCE poles to break at approximately mid-level and lean to one side.	Open
20160201-01	SDG&E	Damage - Incident occurred on 2/23/2015, but SDG&E was not aware of the damage until 2/1/2016	12 kV Circuit	A third-party was working to install a drain pipe, struck and damaged SDG&E-owned 12kV underground conduit and conductors with a backhoe while digging a trench to install the drain pipe.	Closed

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20160205-01	SDG&E	Media - due to conductor down	12 kV Overhead Conductor	Multiple primary and secondary conductors supported between several poles separated and fell to the ground. A vegetation and structure fire started in the City of Escondido.	Closed
20160216-01	SCE	Media - due to outage	Overhead facilities	One SCE 16 kV circuit and three SCE 4 kV circuits relayed and caused a 10-hour outage to approximately 8,000 customers in Hawthorne.	Closed
20160224-01	SCE	Media - due to fire	Overhead 12 kV Conductor	A small brush fire resulted in a downed power line and caused an outage	Open
20160226-01	SCE	Fatality - due to contact with a overhead electrical conductor	Overhead 12 kV Conductor	A third party inadvertently stepped on an energized conductor that fell following the vehicle-pole collision and was fatally electrocuted.	Closed
20160315-01	SCE	Outage - due to substation issues	12 kV Circuit	A leaking bushing on a circuit breaker at Barre Substation caused an interruption to four downstream substations, leading to a power outage to approximately 75,000 customers.	Closed
20160324-01	SCE	Fatality	500 kV Tower	A third party individual climbed an SCE transmission tower and jumped to his death.	Closed
20160328-01	PG&E	Injury - due to digin	12 kV Underground Conductor	3rd Party backhoe made contact to UG cable at San Jose & Day St, San Francisco and caused one person to sustain burns to his face and hand.	Open
20160404-01	SDG&E	Outage	Substation	SDG&E experienced a power outage at its Santee substation and resulted in a service interruption to 14,641 SDG&E customers in various East San Diego County communities.	Closed
20160405-01	SCE	Injury	12 kV underground conductor	An SCE lineman was inspecting the interior of a padmounted switch when an electric arc occurred, which cause the lineman to sustain second and third degree burns.	Closed
20160412-01	SCE	Damage	12 kV Circuit	SCE was in the process of energizing an overhead transformer bank when a fire started at a business that the transformer bank served.	Closed
20160417-02	PG&E	Fatality	230 kV Circuit	A third party was electrocuted when he contacted the middle-phase 230 kV conductor of a transmission tower.	Closed
20160425-01	PG&E	Damge/Media	12 kV Circuit	A cable failure at a PG&E substation in El Cerrito resulted in a fire and caused an outage to approximately 39,000 customers for about three and a half hours.	Closed

20160429-01	SCE	Madia	DC System/Battery	SCE's Mayberry substation was manually de-energized affecting at least 10,000 customers for about 4 hours.	Closed
20160510-01	PG&E	Fatality	Transmission tower	A third party was electrocuted after climbing a transmission tower and contacting the middle conductor of a 60 kV transmission circuit.	Closed
20160512-01	SCE	Damage	66 kV Circuit	SCE received notice from the Ventura County Fire Protection District (VCFPD) of a brush fire in an open space along Long Canyon Road in an unincorporated area of Saticoy in Ventura County. Although the fire origin was determined to be in the vicinity of a nearby SCE transmission tower, the VCFPD fire investigator closed the investigation and indicated the fire cause was undetermined.	Closed
20160513-01	SCE	Damage - (Incident occurred on 2/14/2014, but SCE was not aware of the damage until 5/13/2016)	12 kV Circuit	A structure fire was reported in the City of Orange and a claim was filed against SCE for property damage.	Closed
20160516-01	PG&E	Damage/Media	12 kV Circuit	Wire down resulted in an outage to 811 customers and a vegetation fire.	Open
20160518-01	SCE	Injury	12 kV Circuit	A lineman working for Hotline, an SCE electric contractor, sustained arc burn injuries to both hands while working at an elevated position on a pole (supporting 12 kV conductors) from inside an insulated bucket of a truck.	Closed
20160523-01	SCE	Injury	Unknown	A field technician employed by Creative Communications Technology, Inc. (CCTI), a Time Warner Cable (TWC) contractor, sustained burn injuries to his right hand when he contacted energized parts in an unmarked SCE secondary pedestal.	Closed
20160603-01	SCE	Fatality	12 kV Circuit	A deceased resident was found inside her home during a two-day electric service outage. The customer was an SCE critical care customer for her use of an oxygen breather (a life support equipment).	Closed
20160604-01	SCE	Media	Unknown	A motorist struck and damaged an SCE pole on Mullholland Highway, which then ignited two (2) vegetation fires that came to be known collectively as "The Old Fire." The Old Fire resulted in the evacuation of approximately 5,000 residents, damaged four (4) structures, and burned approximately 500 acres of brush.	Closed

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20160613-01	SCE	Damage	12 kV Circuit	A pole fell towards an apartment building causing fire damage which may exceed \$50,000.	Open
20160615-01	SCE	Damage	12 kV Circuit	A metallic balloon caused a conductor to fail and cause damage to a nearby structure.	Open
20160616-01	PG&E	Damage	230 kV Substation	A capacitor bank at PG&E's Gregg Substation failed and caused an outage that affected 76,500 customers.	Closed
20160622-01	PG&E	Injury	115 kV Circuit	A third party aircraft struck the middle phase of a transmission line before crashing to the ground.	Closed
20160624-03	SCE	Damage	55 kV Circuit	In the city of Lee Vining, the "Marina Fire" ignited and damaged 57 SCE transmission poles.	Closed
20160624-04	PG&E	Injury	12 kV Circuit	A PG&E 12kV overhead conductor fell near 707 Heinz Avenue in Berkeley and caused injury to a 3rd party.	Open
20160708-01	PG&E	Damage	70 kV Switching Station	Two vehicles collided at an intersection with one of the vehicles breaching a substation fence and damaging facilities.	Closed
20160712-01	SCE	Damage	4 kV Circuit	Trees were reportedly ignited by an overhead secondary power line.	Open
20160718-01	PG&E	Damage	12 kV Circuit	A vegetation fire damaged four (4) properties on Warner Drive and spread to two (2) other properties on Morrie Drive.	Closed
20160720-01	SCE	Injury	12 kV Circuit	An underground vault cover was dislodged, which upset a passing vehicle. Initial reports indicate there was one occupant of the vehicle who was subsequently taken to nearby Norwalk Community Hospital for care.	Open
20160721-01	SDG&E	Damage/Media	12 kV Circuit	A mylar balloon contacted 12 kV SDG&E overhead conductors that were part of Circuit 366 out of SDG&E's Substation F, resulting in an outage to approximately 15,000 customers for about 1.5 hours.	Closed
20160725-01	PG&E	Damage/Media	115 kV Circuit	A 115 kV transmission conductor separated and fell across California Highway 4 causing a fire on both sides of the highway.	Closed

20160801-01	PG&E	Damage	12 kV Circuit	A third party cut a tree branch, which caused the branch to fall onto a service drop and resulted in both falling to the ground. The downed service drop created a fire which burned a residential structure.	Closed
20160802-01	PG&E	Damage/Media	12 kV Circuit	An underground secondary cable failed resulting in an explosion at a manhole in San Francisco.	Closed
20160815-01	SDG&E	Injury	12 kV Circuit	SDG&E Linemen were working in an elevated position in a bucket truck attaching line sensors onto a new pole when one of the linemen contacted a 12 kV overhead conductor with a speed wrench, injuring himself.	Closed
20160817-01	SCE	Media	12 kV/ Substation	During maintenance work, SCE proactively interrupted service to several circuits	Closed
20160818-01	SCE	Damage/Media	12 kV Circuit	The "Rey Fire" ignited near a picnic area in Santa Barbara in the vicinity of 16 kV SCE overhead electric facilities.	Closed
20160819-01	PG&E	Damage	12 kV Circuit	A structure fire occurred near a PG&E pole resulted in insurance companies filing damage claims with PG&E.	Closed
20160824-01	SCE	Damage/Media	16 kV Circuit	A bird contacted the east and center phase conductors of the SCE Mist 16 kV circuit out of Captain Substation, causing a fault condition and resulting a vegetation fire.	Closed
20160829-01	PP&L	Damage/Media	Scott Bar Circuit	A fire called the "Gap Fire" started five miles east of Seiad Valley for unknown reasons. The fire traveled eastward and is still under investigation by the United States Forest Service (USFS).	Closed
20160831-01	PG&E	UG Cable Failure	Underground vault	An underground secondary cable near a PG&E manhole failed causing the manhole cover to dislodge and lift into the air.	Closed
20160831-02	SCE	Damage	12 kV Circuit	A fire burned and damaged a house in the city of Los Alamitos.	Closed
20160901-01	PG&E	Damage	21 kV Circuit	A fire damaged PG&E's facilities.	Closed
20160906-01	SCE	Damage/Media	16 kV Circuit	An underground primary cable on SCE 16 kV Marlene circuit failed, causing a service interruption to 1,178 customers.	Closed

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20160917-01	SCE	Injury	16 kV Circuit	Two employees of Asplundh, an SCE contractor, were installing a 10' cross-arm in proximity to energized overhead facilities when the through bolts and the insulator pin attached to the cross-arm contacted a 16 kV conductor, creating an arc. Both employees received burn injuries and were transported to the hospital.	Closed
20160919-01	SCE	Media	66 kV Circuit	During heavy fog, an insulator on an SCE pole flashed-over, resulting in an outage which impacted 30,000 customers.	Closed
20160919-02	SDG&E	Media	12 kV Circuit	SDG&E experienced service interruptions to multiple circuits in the Normal Heights neighborhood of San Diego.	Closed
20160919-03	PG&E	Fatality	12 kV Circuit	The Solano County Sheriff's Office found a deceased person under a PG&E circuit.	Closed
20160919-04	SCE	Injury	16 kV Circuit	An unidentified person reportedly cut into the underground electrical facilities with a hand tool and sustained 2nd and 3rd degree burns.	Open
20160924-01	SCE	Injury	12 kV Circuit	An employee of a private tree trimming contractor made contact with an overhead primary conductor and received second and third degree burns to his hands, legs, and back.	Open
20160925-01	PG&E	Damage	115 kV Circuit	A failed bonding wire at a PG&E tower may have caused a fire.	Open
20160926-01	SDG&E	Damage	12 kV Circuit	A 12 kV overhead phase conductor failed and separated into two sections, with one section falling to the ground and the other section becoming suspended on vegetation.	Closed
20161011-02	SCE	Media	66 kV Circuit	SCE reported an outage affecting approximately 100,000 customers for two hours in the Torrance area. A wiring error on a 66 kV bus relay system may have caused a false circuit interruption signal that de-energized the 66 kV bus at La Fresca Substation, resulting in the outage.	Closed
20161011-03	SDG&E	Injury	12 kV Circuit	A journeyman lineman for Diversified Utility Service, Inc. received burn injuries after making contact with an energized overhead conductor while working on a wood-to-steel conversion project.	Open

20161014-01	PG&E	Damage	Secondary	During rain & wind storm, trees blew into secondary wires causing them to slap together and fall down. Five - six homes reported failed electronics &/ or appliances.	Open
20161015-01	PG&E	Injury	12 kV Circuit	A third-party sustained injuries while exiting a tractor that contacted multiple conductors of a circuit.	Closed
20161017-01	SCE	Injury	16 kV Circuit	A tree trimmer was injured when he made contact with overhead facilities.	Open
20161020-01	PG&E	Injury	21 kV Circuit	A third-party crashed his SUV into a PG&E pole located on the Almaden Expressway in San Jose, injuring himself.	Closed
20161025-01	PG&E	Fatality	230 kV Circuit	A small aircraft contacted two 230 kV conductors and crashed to the ground. The crash resulted in two fatalities.	Closed
20161026-01	PG&E	Damage	14.4 kV Circuit	A vegetation fire occurred when a tree fell onto a Liberty Utilities (LU) 14.4 kV conductor. The property damage to LU's equipment was estimated at \$373,000.	Closed
20161027-01	SCE	Damage	Secondary	A fire destroyed a residence. The failure of the neutral conductor may have caused a floating voltage condition in the residence that caused home appliances to arc or overheat and ignite a fire.	Closed
20161027-02	PG&E	Damage	12 kV Circuit	A secondary conductor fell and came into contact with a natural gas line starting a fire that damaged a residence.	Closed
20161113-01	SDG&E	Damage/Media	12 kV Circuit	A helicopter contacted an SDG&E 12 kV overhead conductor on the Camp Pendleton Military Base. The subsequent outage lasted for 11 hours and 34 minutes.	Closed
20161117-01	PG&E	Media	230 kV Circuit	A blown insulator on the first structure of the San Ramon Research Tap 230 kV line, just outside the San Ramon Research Center Tap Substation, caused an outage affecting over 20, 000 customers.	Closed
20161117-02	SDG&E	Injury	12 kV Circuit	A lineman employed by a contractor sustained electrical burn injuries after coming into contact with an energized 12 kV cable that he was cutting into with a device.	Open
20161118-01	SCE	Injury	16 kV Circuit	A tree trimmer was working on a ladder when the pruning saw he was holding contacted an energized conductor. The worker sustained burn injuries and fell off the ladder as a result.	Closed

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20161124-01	SDG&E	Media	Unknown	An outage affecting 1706 customers occurred in the Chula Vista area.	Closed
20161130-01	SDG&E	Media	Multiple Circuits	A fuse cabinet failed, resulting in a service interruption to 4301 customers for three hours in the Camp Pendleton area.	Closed
20161130-02	SDG&E	Damage/Media	12 kV Circuit	A single conductor separated at a connector and fell down.	Closed
20161201-01	PG&E	Fatality	N/A	While removing a hazardous tree, a PG&E subcontractor was fatally injured.	Closed
20161201-02	PG&E	Damage	115 kV Circuit	An employee of Broken Arrow Communications Inc. was operating a manlift when the manlift contacted an energized, overhead conductor of PG&E's 115 kV, Woodward-Shepherd circuit.	Closed
20161216-01	SCE	Damage	12 kV Circuit	A secondary one-bolt connector failed. A structure fire subsequently started after the connector failure.	Closed
20161222-01	SCE	Injury	4 kV Circuit	An employee of a subcontractor for Spectrum (Charter), contacted an energized, SCE overhead primary conductor with his hard hat, causing him to strike his head against the side of the bucket.	Open
20161227-01	SCE	Damage/Media	16 kV Circuit	A tree branch fell onto an SCE 16 kV overhead conductor, causing the conductor to break and fall onto two underbuilt 4kV overhead conductors; this caused an abnormal voltage condition to customers on both 4 kV circuits.	Closed
20170105-01	LU	Damage/Media	14.4 kV Circuit	Major winter storm caused damage to poles and wires.	Open
20170109-01	PP&L	Injury	115 kV Circuit	Contract utility crew was removing a tree from a transmission line when one of the workers was struck by the tree after the tree had been cut with a chain saw and fell.	Open
20170110-01	PG&E	Damage/Media	115 kV Circuit	A semi-truck struck the anchor guy wire of a pole causing the pole to break and resulting in two transmission circuit spans falling across the freeway.	Closed

20170110-02	LU	Damage/Media	115 kV Circuit	A major winter storm caused damage to all of the transmission circuit feeding the Northside of Lake Tahoe resulting in an outage to 29,103 customers.	Closed
20170111-01	PG&E	Damage	12 kV Circuit	An Oak tree fell on the service drop at a residence in the City of Granite Bay and caused structure fire at the residence.	Open
20170112-01	SDG&E	Injury	Unknown	An SDG&E lineman sustained unknown injuries on or near pole #832213, and was transported to UCSD medical center.	Open
20170113-01	BVES	Media	33 kV Circuit	On January 13, 2017, an outage affected 23,800 customers supplied by the Bear Valley Electric Service (BVES). The outage was caused by a lightning strike to an SCE pole located downstream of SCE's Goldhill substation in the Baldwin Lake Area.	Closed
20170114-01	SDG&E	Media	12 kV Circuit	A power outage occurred around the La Jolla area of San Diego, affecting approximately 3388 customers. SDG&E personnel that responded discovered that a down guy anchor rusted out and failed.	Closed
20170117-01	PG&E	Damage	12 kV Circuit	PG&E received a lawsuit from an insurance company regarding property damage in excess of \$240,000 to a residence located in the City of San Mateo. On October 18, 2015, at approximately 2006 hours, a PG&E 12kV wire had fallen off the insulator on to the crossarm, burnt through the crossarm and fell to ground. This resulted in the property damage to the above mentioned residence. The incident also caused an outage affecting 1,422 customers.	Open
20170124-01	SCE	Damage	4 kV Circuit	A fire burned and damaged a residence in the city of Redondo Beach.	Closed
20170125-01	PG&E	Fatality and Injury	12 kV Circuit	Two individuals were injured, one fatally, when they contacted an overhead a conductor.	Closed
20170126-01	SCE	Injury	Secondary service line	A troubleman ascended a pole and was in the process of bypassing a blown overhead secondary fuse with a TW jumper, when the jumper wire accidentally contacted a lead wire from the transformer resulting first degree burns to the troubleman.	Closed
20170129-01	PG&E	Damage	12 kV Circuit	A subsurface transformer failed causing abnormal conditions on the circuit. This condition caused a home to catch on fire and damaged 14 other homes' appliances.	Open

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170201-01	SCE	Fatality	Transmission tower	A person climbed an SCE transmission tower and committed suicide by hanging himself on a horizontal member.	Closed
20170204-01	SCE	Injury	33 kV Circuit	An individual employed by Select Electric, a contractor working on the 91 Freeway road improvement project, sustained injuries to a hand and foot while standing next to and/or touching a crane that contacted overhead electrical facilities.	Open
20170210-01	PG&E	Damage		Downed wire caused power outage/surge. A fire occurred at the water heater inside the house. FD was on scene extinguished the fire.	Open
20170222-01	SCE	Injury	16 kV Circuit	A contract line crew was replacing a pole near Oak Ave. and 3rd Street in Duarte when a flash occurred. One contractor lineman was reported injured with unspecified burn injuries. The lineman was transported to the hospital.	Open
20170223-01	BVES	Media	34.5 kV Circuit	A power outage occurred on Bear Valley Electric's Shay 34 kV circuit and affected a total of 20,932 customers.	Closed
20170226-01	PG&E	Injury	12 kV Circuit	A PG&E inspector and contract crew assigned to restore power when the contract employee was injured. He was transported by ambulance to Santa Clara Valley Medical Center with pinhole injuries to left and right hands.	Open
20170311-01	SCE	Media	12 kV Circuit	A fire incident involved media coverage and resulted from vegetation contact with an overhead 12 kV line.	Open
20170313-01	SCE	Damage	12 kV Circuit	A truck collided with an SCE pole, causing the pole to break at the base. The collision also caused conductors to contact a tree, starting a fire that spread to a nearby building.	Closed
20170317-01	PG&E	Damage	12 kV Circuit	A dump truck's lifted bed contacted the primary 12 kV circuit, caught fire and burned.	Open
20170317-02	PG&E	Damage	12 kV Circuit	On March 16, 2017 PG&E received a lawsuit regarding property damage in excess of \$50,000 that occurred to Davis Health Center on May 22, 2014. According to the lawsuit the damage was caused to the health center from the electrical surge resulting due to a PG&E conductor falling into a tree located on the property adjacent to the facility.	Open

20170320-01	SCE	Damage	12 kV Circuit	A residential structure fire involving SCE facilities in the City of Westminster on December 6, 2016. SCE personnel conducted an investigation and discovered the possible cause to be a neutral connector on the secondary system supplying the area.	Open
20170320-02	PG&E	Damage	12 kV Circuit	An industrial grade mower contacted a PG&E anchor guy causing the pole to break, the conductors to come down, and a fault on the circuit.	Closed
20170327-01	PG&E	Media	12 kV Circuit	A truck hit a pole in Oakland resulting in primary conductor to fall across the BART tracks.	Open
20170330-01	SCE	Injury	12 kV Circuit	An employee of Pacific Center LLC, received burns from an arc flash as a result of the removal of the cover of a secondary pedestal.	Open
20170330-02	SCE	Damage/Media	33 kV Circuit	Six wood poles came down during windy conditions. Downed primary conductors reportedly ignited a structure fire resulting in extensive damage to the single family residence which may be considered a total loss. Two adjacent residential structures also sustained damage in the event.	Open
20170403-01	SDG&E	Media	12 kV Circuit	Approximately 1164 customers experienced an outage for 5 hours and 19 minutes.	Closed
20170414-01	PG&E	Damage	17 kV Circuit	A third party vehicle struck and broke a PG&E pole, which caused the adjacent poles to lean and a neutral conductor to break. The broken neutral conductor caused a home to catch on fire.	Closed
20170415-01	PG&E	Fatality	17 kV Circuit	A tree subcontractor (Action Tree Company) employee performing work on behalf of a PG&E contractor (Trees INC.) was fatally injured in Twain Harte. The tree also fell through a PG&E 17kV circuit taking the conductor, pole and transformer down resulting in a power outage to 17 customers.	Open
20170417-01	SCE	Injury	4 kV Circuit	An apprentice lineman for SCE contractor Henkels and McCoy, was working on a crew to replace a pole near the intersection of Marengo and Calaveras Street in Alta Dena, Los Angeles County when he fell from an elevated position and was injured.	Open
20170418-01	PG&E	Damage	12 kV Circuit	A structure fire in Oakland was allegedly caused by a collapsed power line (service drop). Property damage is estimated to be greater than \$50,000. PG&E will be investigating.	Open

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170418-02	SCE	Fatality	55 kV Circuit	An individual trespassed onto a secured substation and was discovered unconscious by emergency responders inside of the substation along with another adult.	Closed
20170421-01	PG&E	Media	Substation	PG&E's Larkin Substation was on fire and de-energized causing an outage to over 70,000 customers.	Open
20170424-01	SCE	Injury	12 kV Circuit	A construction worker was working on a scaffold installing rain gutters when a gutter he was holding contacted an energized 12kV overhead conductor, injuring him.	Closed
20170502-01	PG&E	Damage	12 kV Circuit	PG&E was notified of a lawsuit for fire damage to a residence in the City of Los Altos. On November 25, 2013 at approximately 1633 hours, a fire started at the residence's laundry room in a junction box in the basement.	Open
20170505-01	PG&E	Media	Substation	Equipment failure at PG&E's Bahia Substation in Benecia resulted in the loss of power for about 18 minutes to the Valero Refinery in Benecia. The loss of power at the refinery resulted in flaring and the release of large plumes of smoke.	Open
20170509-01	PG&E	Damage	21 kV Circuit	A decaying 65 foot Valley Oak tree fell onto 21 kV overhead conductors and caused the conductors to fall down, damage a transformer, and a pole to break.	Closed
20170510-01	PG&E	Media	110 kV Circuit	A hot wire was down due to possible pigeon activity, affecting 190 customers.	Open
20170513-01	SCE	Injury	12 kV Circuit	A vehicle collided with a utility pole causing the pole to fail. The driver was transported to the Community Regional Medical Center in Fresno for sustaining electrical related injuries after she exited the vehicle.	Open
20170516-01	SCE	Media	66 kV Circuit	A 288 acre fire, named the Bravo Fire, started at the base of a transmission tower on a 66 kV circuit that was found to be caused by a hawk contacting a jumper and an insulator.	Closed

20170516-02	PG&E	Damage	Secondary	On May 16th, PG&E learned of a lawsuit against PG&E in connection with the Ghost Ship Fire at 1315 31st Avenue in the City of Oakland that occurred on December 2, 2016. The lawsuit alleges PG&E negligently failed to identify hazards that led to the fire.	Open
20170518-01	SCE	Injury	4 kV Circuit	An employee of Hampton Tedder Electric Co. (HTEC), a contractor working on behalf of SCE, sustained injuries after reportedly making contact with overhead electrical facilities on the James 4 kV circuit out of Imperial Substation.	Open
20170519-01	PG&E	Damage	Smart Meter	Liberty Mutual Insurance alleges that a PG&E smart meter initiated a smoldering fire on November 26, 2015, at a carpet store located at 1006 University Avenue in Berkeley, which caused smoke damage to oriental carpets. The smart meter was destroyed in the incident.	Open
20170523-01	PG&E	Damage	Unknown	On May 19, 2017, a lawsuit was filed by an insurance carrier against PG&E in connection with a structure fire at 1495 Sperring Road, Sonoma on November 11, 2015. The lawsuit from Nationwide Insurance alleges excessive electrical current to a power strip inside the residence caused the fire.	Open
20170528-01	SDG&E	Media	12 kV Circuit	A bird reportedly contacted a 12kV circuit causing a power outage affecting 2400 customers.	Open
20170604-01	SCE	Media	66 kV Circuit	A small aircraft contacted SCE overhead subtransmission conductors and subsequently crashed into a nearby horse corral. The contact with the conductor did not result in any circuit activity, and SCE did not perform any repairs.	Closed
20170605-01	PG&E	Damage	12 kV Circuit	A Eucalyptus tree uprooted and fell onto a 12 kV conductor, damaging multiple poles, crossarms and transformers.	Closed
20170605-02	SCE	Damage	Service Line	A service line fell down and may have caused fire damage to a residential structure.	Open
20170611-01	PG&E	Media	12 kV Circuit	An underground cable failure occurred on a 12 kV circuit resulting in 129 commercial customers out of power.	Open
20170611-02	SCE	Media	Secondary	A brush fire occurred off of Bodfish Canyon Road in the Lake Isabella area. SCE secondary 120/240 volt wires were damaged and 3 customers have experienced an interruption of service.	Open

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170614-01	PG&E	Damage	21 kV Circuit	A notice from insurance company alleges that electric power interruption on May 10, 2016, caused damage to equipment at Modern Ceramics Manufacturing, Inc., in the City of San Jose. The notice alleges that the damages caused to the equipment due to the electric power interruption exceed \$50,000.	Open
20170620-01	PG&E	Damage	21 kV Circuit	A large tree branch from a valley oak fell onto a 21 kV conductor, resulting in a fallen conductor.	Closed
20170621-01	PG&E	Damage/Media	12 kV Circuit	A third party crashed a helicopter into three conductors of a 12 kV circuit near the city of Williams.	Closed
20170701-01	PG&E	Injury	12 kV Circuit	While working in a lift installing solar panels, a 3rd party was injured when they contacted a 21 kV conductor.	Open
20170711-01	LU	Media	24.9 kV Circuit	A fire, Farad Fire, occurred in Liberty Utilities service territory.	Open
20170712-01	PG&E	Injury	21 kV Circuit	A third-party sustained injuries while operating construction equipment which contacted an overhead conductor.	Closed
20170715-01	PG&E	Injury	12 kV Circuit	A tree fell and caused a conductor to fall to the ground. A hiker was injured when they contacted the fallen conductor.	Open
20170717-01	PG&E	Damage	21 kV Circuit	A power fluctuation occurred on a 21 kV circuit due to a secondary OH splice failure. The power fluctuation caused a power outage to a restaurant, which led to property damage.	Closed
20170718-01	SCE	Damage	4 kV Circuit	A fire started in the kitchen of a residence, resulting in over \$260,000 in damages.	Closed
20170721-01	PG&E	Damage	21 kV Circuit	On July 27, 2014, an incident occurred in which PG&E's electrical distribution system that supplied electricity to a residence in Bakersfield, failed, resulting in \$451,000 damage to real and personal property. A claim was filed on July 18, 2017.	Open
20170721-02	PG&E	Damage	neutral wire	An open neutral wire at 2749 35th Avenue in San Francisco led to a fire. The fire caused over \$50,000 in damage.	Open

20170722-01	PG&E	Damage	secondary facilities	On July 20, 2017, PG&E received a damage claim, exceeding \$50,000, which alleges PG&E's electric facilities may have been involved in causing a fire at the location on July 19, 2017.	Open
20170725-01	SDG&E	Media	12 KV circuit	A squirrel made contact with a 12 kV bus inside an SDG&E substation and resulted in a service interruption to over 4,500 customers for 1.5 hours.	Closed
20170725-02	PG&E	Damage	Overhead conductors	A grey pine limb broke and caused a fire which damaged 4-5 outbuildings in Cottonwood.	Open
20170731-01	PG&E	Media	12 kV Circuit	A pole top fire occurred at the 5400 block of California Street in San Francisco resulting in an outage to 5,069 customers.	Open
20170801-01	PG&E	Injury	12 kV Circuit	According to the fire report, a structure fire occurred on April 20, 2015 near 15677 Betters Road in the City of Madera and was allegedly caused by electrical power. According to the customer's claim, the alleged damages from the incident exceed \$50,000. Upon review of this fire report on August 1, 2017, PG&E is reporting the incident to the CPUC under the property damage criterion due to the allegation.	Open
20170808-01	PG&E	Injury	115 kV Circuit	A third party was injured due to making contact with a 115 kV conductor on the transmission tower 005/090 in the City of Santa Rosa.	Open
20170808-02	SCE	Damage	12 kV Circuit	A fault occurred on a 12 kV circuit coming out of the Visalia substation. In proximity to the location of the fault a commercial building reported multiple ruptures to metallic water lines with signs of arcing ultimately causing water damage to the building that is believed to exceed \$50,000.	Open
20170809-01	SCE	Damage	16 kV Circuit	A fire occurred in a residential apartment building in the City of Arcadia. SCE received notice from Travelers Insurance in which they allege the electrical equipment of SCE may have been involved in the cause of the fire. This event has been covered in the local new media.	Open
20170810-01	PG&E	Damage	SF M-0401	A structure fire occurred in the City of San Francisco. Insurance company alleges that the fire originated as a result of an electrical anomaly within PG&E's service to the building and that the damages due to the incident exceed \$50,000 at this time.	Open

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170810-02	PG&E	Damage	12 kV Circuit	PG&E received a notice of claim from a customer in the City of San Jose, alleging that on January 25, 2017, they experienced damages as a result of power disruption from PG&E around 1334 hours. The customer also alleges that the damages due to the incident exceed \$50,000.	Open
20170821-01	SCE	Fatality	12 kV Circuit	A conductor on a 12 kV distribution circuit came down in the rear of a home. Initial reports indicate a resident contacted the line and was fatality injured.	OPEN
20170826-01	PG&E	Damage/Media	12 kV Circuit	A large tree branch fell that caused several poles to fall down and several spans of conductors to fall down.	OPEN
20170827-01	PG&E	Media	12 kV Circuit	An underground splice failed and caused power interruption to approximately 8600 customers.	OPEN
20170829-01	PG&E	Damage	12 kV Circuit	A PG&E tree contractor inadvertently dropped a tree or tree branch onto a 12 kV distribution line in Fish Camp and resulted in a fire.	Open
20170831-01	SCE	Media	66 kV Circuit	An underground cable on a 66 kV circuit failed. Service was interrupted to up to 14,500 customers.	Closed
20170831-02	SCE	Media	16 kV Circuit	A lightning strike affected a Substation and disrupted the service to a number of customers of Colton Electric Utility and 3,678 customers of SCE.	Open
20170831-03	PG&E	Damage	21 kV Circuit	An alleged claim of \$64,000 property damage at a vineyard from a fire that occurred on 8/28/2017 at approximately 2:06 PM. Location is at Barnett Rd and Pope Valley in St. Helena.	Open
20170831-04	SCE	Media	Substation	SCE interrupted service to over 47,000 customers in the Ontario, Chino, Corona, Riverside County, San Gabriel Valley, and San Bernardino areas to prevent overloading on its Vista 66kV system.	Closed
20170831-05	SCE	Damage/Media	12 kV Circuits	11 poles down and 3 other pole tops damaged during a windy weather event. The pole line carried three distribution circuits - the Guffy 12kV, Stoneman 12kV, and the Cereal 12kV all out of the Skylark Substation.	Open

20170901-01	SCE	Media	12 kV Circuits	SCE interrupted service to over 217,000 customers throughout SCE's territory due to load curtailment programs. The load curtailment programs were initiated as a result of the La Tuna fire.	Closed
20170903-01	PG&E	Damage	Unknown	PG&E received notice of an alleged claim for \$206,576 regarding a structure fire that occurred in Shingle Springs.	Open
20170903-02	SDG&E	Damage	Pole	SDG&E reported that a SDG&E pole failed and struck the roof of a residential building.	Open
20170904-01	PG&E	Injury	12 kV Circuit	After a car pole incident, a 3rd party exited vehicle and made contact to 12 KV conductor.	Open
20170904-02	PG&E	Damage	Service Drops	A customer tree branch fell on a service which ignited a 3 structure fire in the city of North Folk in Madera County.	Open
20170905-01	PG&E	Media	12 kV Circuit	A portion of Butte 1105 12 kV line fell across Hwy 99 and South Gate Avenue in Chico.	Open
20170905-02	SCE	Damage/Media	16 kV Circuit	A large portion of a city-owned tree fell onto a span of primary conductors.	Open
20170906-01	PG&E	Damage	12 kV Circuit	PG&E received an alleged claim for approximately \$115,000 property damage that occurred on September 19, 2015 in Forestville.	Open
20170908-01	PG&E	Damage	Transformer	A alleged claim for \$65,848.88 property damage during an outage that occurred on 1/10/2017 in Guerneville.	Open
20170917-01	SDG&E	Damage	12 kV Circuit	A small passenger plane contacted SDG&E electrical facilities.	Open
20170920-01	PG&E	Injury	Secondary underground cables	Third-party contractor was boring in San Jose, and made contact with secondary UG cable of PG&E's El Patio 1109. Two individuals were involved and one was injured	Open
20170925-01	SCE	Injury	4 kV Circuit	SCE Apprentice Lineman was working atop SCE pole when he fell and fractured his arm.	Open
20170926-01	SCE	Injury	16 kV Circuit	An employee of Ace Sheet Metal was ascending an aluminum ladder to install rain gutters onto a two story residential multi-unit housing complex. The employee fell after contacting SCE's primary overhead conductor with a section of rain gutter.	Open

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20170928-01	PG&E	Injury	Customer facilities	A child was injured when he contacted an above ground energized conduit and fence in Fresno. The above ground conduit is believed to be customer owned.	Open
20171004-01	PG&E	Damage	21 kV Circuit	Cal Fire suspects that PG&E's low-voltage service drop may have been involved with the ignition.	Open
20171006-01	SCE	Damage	16 kV Circuit	A palm frond contacted an overhead primary conductor and embers fell to the ground which ignited a fire in the yard at the subject location. The fire spread to the single family residential structure on the property which reportedly resulted in significant damage to the home.	Open
20171009-01	PG&E	Injury	120 V	A fire at a single family home resulted in a 3rd party injury reported and the fire cause was possibly a broken neutral wire.	Open
20171009-02	PG&E	Damage	60 kV Circuit	PG&E identified a wire down and broken tree near structure 0/8 of the Potter Valley-Mendocino 60kv transmission line in Potter Valley.	Open
20171009-03	PG&E	Damage	12 kV Circuit	PG&E identified a broken tree limb and wire down on a 12 kV circuit in West Point.	Open
20171010-01	PG&E	Damage	12 kV Circuit	PG&E identified a broken tree limb and wire down on a 12 kV circuit in Oroville.	Open
20171010-02	PG&E	Damage	12 kV Circuit	PG&E identified a broken tree and wire down on a 12kV circuit in Kenwood.	Open
20171011-01	PG&E	Damage	12 kV Circuit	A three phase overhead primary at the location experienced a momentary outage impacting 50 customers and a claim was filed against PG&E for damages.	Open
20171011-02	PG&E	Damage	12 kV Circuit	PG&E identified two broken poles on a 12 kV circuit in Clearlake.	Open
20171011-03	PG&E	Damage	12 kV Circuit	PG&E identified a broken tree and wire down on a 12kV circuit in Grass Valley.	Open
20171012-01	SCE	Damage	4 kV Circuit	SCE received a subrogation demand for an incident that occurred in July 20, 2015.	Closed

20171012-02	PG&E	Damage	21 kV Circuit	PG&E identified a tree that fell on a 21 kV circuit in Nevada City.	Open
20171015-01	PG&E	Damage	Unknown	Fire damage occurred to two structures in the City of Santa Rosa.	Open
20171015-02	PG&E	Damage	12 kV Circuit	A wire down occurred on a 12 kV circuit in the City of San Jose. This resulted in fire damage to two structures.	Open
20171016-01	PG&E	Damage	Secondary	PG&E identified a tree whose top broke and fell on an open wire secondary service in Glenn Ellen.	Open
20171017-01	PG&E	Damage/Media	21 kV Circuit	A truck brought down the phone lines causing them to wrap around PG&E 21kV conductors.	Open
20171018-01	SCE	Damage	12 kV Circuit	A brush fire ignited in the city of Perris and subsequently spread to the property of an adjacent recycling center.	Open
20171020-01	PG&E	Damage	12 kV Circuit	PG&E identified a 29-inch diameter White Oak tree that fell into a 12 kV circuit in Healdsburg.	Open
20171020-02	PG&E	Damage	12 kV Circuit	PG&E identified a 25-inch diameter Live Oak, approximately 70 feet tall, that struck and took down one phase of a 21 kV circuit in Napa.	Open
20171020-03	PG&E	Damage	12 kV Circuit	PG&E identified a 32-inch diameter Douglas Fir tree, approximately 100 feet tall, that uprooted and fell into a Live Oak, a Madrone and several other Oaks taking down one span of a 12 kV circuit in Santa Rosa.	Open
20171020-04	PG&E	Damage	12 kV Circuit	PG&E reviewed a claim of damages it received and determined this incident meets the reporting criteria of property damage.	Open
20171024-01	SCE	Damage	16 kV Circuit	Two homes ignited in fire, allegedly cause by utility owned facilities.	Open
20171031-01	PG&E	Damage	21 kV Circuit	Law Claims reported a alleged claim for \$61,107.51 property damage during a outage that occurred on 9/4/2017 at approximately 6:30am.	Open
20171101-01	PG&E	Utility	Unknown	A two-person subcontractor crew was performing routine line clearance tree pruning operations in the rear yard in San Jose, when one crew member was fatality injured.	Open
20171107-01	PG&E	Damage	Unknown	PG&E received a notice about a structure fire that occurred on October 8, 2017 in the City of Paradise.	Open

ELECTRIC SAFETY INCIDENTS (CONTINUED)

Incident ID (YYYYMMDD-XXX)	Facility Owner	Reason for Investigation	Facility Type	Brief Description of Incident	Open or Closed
20171110-01	PG&E	Damage	4 kV Circuit	A tree branch fell pushing primary conductors into secondary conductors resulting in a house fire in Oakland.	Open
20171111-01	PG&E	Damage	Substation	There was an outage impacting 22,000 customers in Berkeley, Oakland and Albany.	Open
20171114-01	PG&E	Damage	Unknown	PG&E was advised of a fire that occurred on October 9, 2017, at the Redwood Empire Sawmill in the City of Cloverdale in Sonoma County.	Open
20171117-01	PG&E	Injury	12 kV Circuit	A third party was injured when installing a street light pole when it contacted overhead electric facilities in Dinuba.	Open
20171129-01	PG&E	Injury	12 kV Circuit	A third party was injured when he contacted 12 kV conductors in the City of Ross.	Open
20171129-01	PG&E	Injury	12 kV Circuit	A third party was injured when he contacted 12 kV conductors in the City of Ross.	Open
20171205-01	SCE	Media	Multiple Circuits	SCE experienced an electrical disruption in Ventura and Santa Barbara County affecting approximately 260,000 customers.	Open
20171202-01	SCE	Injury	12 kV Circuit	A foreman electrician for Light and Power Company, a private and not a utility associated company, cut into an underground primary cable and sustained 3rd degree burns.	Open
20171205-02	SCE	Media	16 kV Circuit	A wildfire known as the Rye started near SCE 16 kV distribution circuit.	Open
20171205-03	SCE	Media	12 kV Circuit	A grass fire reportedly ignited which eventually consumed 34 acres of grass and brush with full containment at 8:00 p.m.	Open
20171207-01	PG&E	Media	115 kV Circuit	A PG&E contract crew was working near a PG&E 115kV transmission line, and it is at this location that the fire apparently originated.	Open
20171207-02	SCE	Media	12 kV Circuit	A brush fire known as the Liberty Fire was reported at 1:14 p.m.	Open
20171208-01	SDG&E	Damage/Media	Multiple Circuits	Two wildland fires are burning in different areas of San Diego County. Information from the field is that some SDG&E-owned utility facilities have sustained damage.	Open

20171228-01	SCE	Injury	16 kV Circuit	Two skydivers contacted overhead primary conductors from a SCE 16 kV circuit.	Open
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